U.S. CENSUS OF AGRICULTURE : 1959

Final Report—Vol. III

ORGANIZATIONS

FARMS AND ACREAGE IRRIGATED

INVESTMENT • WATER USED • COST

The United States

IRRIGATION OF AGRICULTURAL LANDS



Prepared under the supervision of
RAY HURLEY, Chief
Agriculture Division

U.S. DEPARTMENT OF COMMERCE
Luther H. Hodges, *Secretary*
BUREAU OF THE CENSUS
Richard M. Scammon, *Director (From May 1, 1961)*
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PREFACE

Volume III: Irrigation of Agricultural Lands presents all available data for the 1959 Census of Irrigation.

The 1959 Census of Irrigation covered irrigation only in the 17 conterminous Western States, Louisiana, and Hawaii. This report presents some summary data on irrigated land for the same area, obtained in the 1959 Census of Agriculture.

The 1959 Census of Irrigation was taken in conformity with the Act of Congress of August 31, 1954 (amended August 1957), which was codified Title 13, United States Code.

Most of the data presented in the report were collected by mail. Reports for irrigation enterprises with operations limited to a drainage basin area for which reports could not be obtained by mail were secured by census enumerators.

The planning of the census was performed by Hugh H. Hansen and Henry L. DeGraff, Irrigation Economists, under the supervision of Ray Hurley, Chief, Agriculture Division. Census enumerators worked under the supervision of Robert B. Voight, then Chief of the Field Division. Reports of irrigation enterprises with operations in more than one drainage basin were obtained by John Zimmer, Raymond Anderson, and Wayne Ehlers of the Agricultural Research Service of the U.S. Department of Agriculture, working as special agents of the Bureau of the Census. The compilation of the statistics was under the supervision of Henry L. DeGraff. George Coffman reviewed most of the tabulations and the statistical tables. Maps accompanying this report were prepared under the supervision of William T. Fay, Chief of the Geography Division, Bureau of the Census. This report was written by Henry L. DeGraff, Irrigation Economist, Warder B. Jenkins, Assistant Chief, Agriculture Division, and Ray Hurley, Chief of the Agriculture Division.

October 1962.

UNITED STATES CENSUS OF AGRICULTURE: 1959

FINAL REPORTS

Volume I—Counties—A separate part for each State, Puerto Rico, Guam, Virgin Islands, and American Samoa. Statistics on number of farms; farm characteristics; acreage in farms; cropland and other uses of land; land-use practices; irrigation; farm facilities and equipment; farm labor; farm expenditures; use of commercial fertilizer; number and kind of livestock; acres and production of crops; value of farm products; characteristics of commercial farms, farms classified by tenure, size, type, and economic class; and comparative data from the 1954 Census.

Part	State or States	Part	State or States	Part	State or States	Part	State or States
	New England States:		West North Central:		East South Central:		Mountain—Con.
1	Maine.	15	Minnesota.	30	Kentucky.	44	Utah.
2	New Hampshire.	16	Iowa.	31	Tennessee.	45	Nevada.
3	Vermont.	17	Missouri.	32	Alabama.		Pacific:
4	Massachusetts.	18	North Dakota.	33	Mississippi.	46	Washington.
5	Rhode Island.	19	South Dakota.		West South Central:	47	Oregon.
6	Connecticut.	20	Nebraska.	34	Arkansas.	48	California.
	Middle Atlantic States:	21	Kansas.	35	Louisiana.	49	Alaska.
7	New York.		South Atlantic:	36	Oklahoma.	50	Hawaii.
8	New Jersey.	22	Delaware.	37	Texas.		Other Areas:
9	Pennsylvania.	23	Maryland.		Mountain:	51	American Samoa.
	East North Central:	24	Virginia.	38	Montana.	52	Guam.
10	Ohio.	25	West Virginia.	39	Idaho.	53	Puerto Rico.
11	Indiana.	26	North Carolina.	40	Wyoming.	54	Virgin Islands.
12	Illinois.	27	South Carolina.	41	Colorado.		
13	Michigan.	28	Georgia.	42	New Mexico.		
14	Wisconsin.	29	Florida.	43	Arizona.		

Volume II—General Report—In 1 volume and also as 13 separates (for the Introduction and for each chapter). Statistics by subjects for 1959 and prior censuses. Statistics are presented for the United States, geographic regions, and divisions, and for the States.

Chapter	Title	Chapter	Title
	Introduction.		
I	Farms and Land in Farms.	VII	Field Crops and Vegetables.
II	Age, Residence, Years on Farm, Work Off Farm.	VIII	Fruits and Nuts, Horticultural Specialties, Forest Products.
III	Farm Facilites, Farm Equipment.	IX	Value of Farm Products.
IV	Farm Labor, Use of Fertilizer, Farm Expenditures, and Cash Rent.	X	Color, Race, and Tenure of Farm Operator.
V	Size of Farm.	XI	Economic Class of Farm.
VI	Livestock and Livestock Products.	XII	Type of Farm.

Volume III—Irrigation of Agricultural Lands—Data from the Irrigation Censuses of 1959 and 1950, by drainage basins, for the conterminous United States and for each of the 17 western States and Louisiana. Separate maps are available. Report also includes data from the 1959 Census of Agriculture for land irrigated and acres and production of crops on irrigated land in the 18 conterminous States and Hawaii.

Volume IV—Drainage of Agricultural Lands—Statistics for States and counties and for the conterminous United States, presenting 1960 data on number, area, physical works, and costs for drainage projects of 500 or more acres by size, type, and year organized. Maps are included.

Volume V—Special Reports

Part 1.—Special Census of Horticultural Specialties—Statistics for States, except Alaska and Hawaii, and for the conterminous United States, presenting 1959 data on number and kinds of operations, gross receipts and/or sales, sales of specified products, inventories, employment, and structures and equipment.

Part 2.—Irrigation in Humid Areas—Statistics for 30 eastern States showing 1960 data on acres irrigated, number of constructed ponds and reservoirs, source and method of applying water, type of pumping power, acreage of individual crops irrigated, and frequency of irrigation by States and counties.

Part 3.—Ranking Agricultural Counties—Statistics for selected items of inventory and agricultural production for the leading counties in the United States.

Part 4.—Farm Taxes and Farm Mortgage—A cooperative report by the Economic Research Science, U.S. Department of Agriculture and the Bureau of the Census, U.S. Department of Commerce, presenting 1961 data by States on taxes on farms, number of mortgaged farms operated by full owners and part owners, amount of mortgage debt held by principal lending agencies, and amount of interest paid.

Part 5.—1960 Sample Survey of Agriculture—Statistics by economic class and type of farm, showing 1960 data on farm-operator-family income from farm and off-farm sources; inventory and use of selected types of farm equipment, tractors by year made and fuel used; number, size, and materials used for new buildings constructed 1958 to 1960; number of farmers having contracts with dealers, processors, or others for the production and marketing of 15 farm products; and real estate and non-real-estate debts of farm operators and farm landlords by lending agencies.

Part 6.—A Graphic Summary of Agriculture, 1959—A cooperative report by the Economic Research Service, U.S. Department of Agriculture and the Bureau of the Census, U.S. Department of Commerce, presenting graphically for 1959 and prior census years some of the significant uses of agricultural land; the extent and nature of the various kinds of tenure under which farms are held and operated; and changes and developments in the use of agricultural resources and production of agricultural products.

Special Publication—Principal Data-Collection Forms and Procedures: United States Census of Agriculture, 1959, and Related Surveys—Facsimiles of the enumeration forms used, showing variations for the 50 States, Puerto Rico, American Samoa, Guam, and the Virgin Islands, together with brief descriptions of the census field procedures for the census and the related surveys.

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INTRODUCTION

INTRODUCTION

1959 CENSUS OF IRRIGATION

Data regarding irrigation were collected from two sources for the 1959 Censuses of Agriculture and Irrigation.

In the 1959 Census of Agriculture, information about irrigation was collected directly from farm operators regarding acres irrigated, and for 19 States regarding crops irrigated and source of water. The inquiries for the census of agriculture for the 17 conterminous Western States, Louisiana, and Hawaii were as follows:

213. Of the total land in this place (reported in question 203), how many acres were irrigated *this year?* . . . . . None ☐ Acres _____
(If "None," mark X *and skip to question* [218].)

214. How many acres in this place were irrigated by sprinklers *this year?* . . . . . None ☐ Acres _____

215. From how many acres of irrigated land were crops harvested *this year?* . . . . . None ☐ Acres _____
(Be sure to include all irrigated land from which hay was cut and all irrigated land in both bearing and nonbearing fruit and nut crops and irrigated land from which volunteer crops were harvested.)
(If "None," mark X *and skip to question* [217].)

216. What part of the land from which crops were harvested *this year* was irrigated? . . . . . All ☐ Part ☐
(If "All," mark X *and skip to question* [217].)
(If "Part," give below name and acres irrigated for each crop. If all orchard was irrigated, list "Orchard," and if all vegetables for sale, list "Vegetables.")

Name of crop irrigated?	Acres irrigated?	Name of crop irrigated?	Acres irrigated?
(1)		(3)	
(2)		(4)	

[217] What percent of the irrigation water used on this place *this year* was obtained—
(a) From a well (pumped or flowing) or spring directly by this farm or from another farm? . . . . . ___%
(b) From a stream, lake, drainage ditch, or reservoir directly by this farm or from another farm? . . . . . ___%
(c) From a mutual or cooperative water or ditch company, irrigation district, or other irrigation organization? *(Give name below.)* . . . . . ___%
(The total for questions (a), (b), and (c) must=100%.)

Name _____ Name _____

The inquiries for the 30 remaining States (except Alaska) were as follows:

213. Of the total land in this place (reported in question 203), how many acres were irrigated *this year?* . . . . . None ☐ Acres _____

A special survey was made in 1960 for farms for which land irrigated was reported in the 1959 Census of Agriculture for these 30 States. This survey obtained information regarding source of water, method of irrigation, type of power used for pumping, crops irrigated, constructed reservoirs, and year irrigation was started. The results of this survey appear in Volume V, Part 2: "Irrigation in Humid Areas" of the reports for the 1959 Census of Agriculture.

Data regarding the irrigation operations were obtained from irrigation organizations. With few exceptions, the 1959 Census of Irrigation included only organizations which supplied water to two or more farms. This enumeration included the 17 conterminous Western States, Louisiana, and Hawaii. Three questionnaires were used in 1959 to enumerate irrigation organizations. These three forms requested the same basic information but differed according to the type of organization each was designed to enumerate. Facsimile copies of these questionnaires are shown in the appendix of this report. A more complete discussion of each questionnaire including its purpose, is given on page XVII.

History of census collection of irrigation data.—Inquiries relating to irrigation of farm and ranch lands in the United States have been included in each decennial census of agriculture beginning with 1890 and for each mid-decennial census of agriculture beginning with 1935. The 1890 general questionnaire for the census of agriculture, used in all States and territories, contained one inquiry to obtain the total acreage irrigated on each farm and another to obtain the number of artesian wells flowing. Other facts were obtained by direct correspondence and special schedules addressed to each irrigator. The 1890 report (Volume V of the Eleventh Census of the United States) presented a limited amount of irrigation data for 16 States or territories in the western part of the United States, listed, for discussion purposes, under two groupings, viz, arid region and subhumid region. The arid region embraced a part or the whole of 8 States—California, Colorado, Idaho, Montana, Nevada, Oregon, Washington, and Wyoming—and the whole of 3 territories—Arizona, New Mexico, and Utah. The subhumid region embraced parts of 5 States, viz, North Dakota, South Dakota, Nebraska, Kansas, and Texas. The statistics presented in the 1890 report showed 3,631,381 acres had been irrigated in 1889 on 54,136 farms. Irrigation of Indian reservation lands was not included.

In the 1900 Census of Agriculture, two inquiries relating to irrigation of farm and ranch lands were carried, for all States and territories. These two inquiries classified the number of acres irrigated in 1899 according to whether the irrigation water came from natural streams or from pumped or artesian wells. Statistics were presented separately, first, for three groupings of States and territories, viz, arid States which corresponded to the similarly designated grouping in 1890; semiarid States which, with the addition of Oklahoma, comprised the 1890 grouping under subhumid States; and the humid States. (See Volume VI, Part II, of the Twelfth Census of the United States.) The latter grouping, for the 1900 report, was made up of four New England States, the three Middle Atlantic States, and Florida. Irrigation carried out on Indian reservations was excluded. The 1900 report acknowledged that watering of market gardens, even those of considerable size, often was not reported as irrigation.

Recognition was taken of the fact that many acres of irrigated rice, except for Texas, had not been included in the totals for the three main groupings of States. (Rice irrigation in Texas really began about 1897, the industry receiving great impetus from the success of the planters in southwestern Louisiana.) Therefore, some separate data were presented in the 1900 report for irrigated rice farms in Alabama, Georgia, Louisiana, Mississippi, North Carolina, and South Carolina as well as for Texas. A few figures were presented for irrigated sugarcane, rice, and other crops produced in the Hawaiian Islands. The report for that year contained these observations in respect to rice. "The collection of statistics of irrigation in the Southern States, especially of those relating to the irrigation of rice, has been attended with many difficulties. In the coast counties rice is reported as grown with and without irrigation, and in many instances the yield per acre is nearly the same. To determine the extent of irrigation, correspondence with the planters was necessary, but . . . results are not satisfactory. The data concerning the large plantations

were quite fully reported, and upon these the census figures are based, no account having been taken of many small plantations growing rice from which no special reports were received."

A joint resolution of Congress, approved June 30, 1902, provided for the collection of data on irrigation for the crop year 1902. Questionnaires were mailed to irrigators reported in the 1900 Census of Agriculture and to officials of important canal companies. The statistics received by mail were supplemented by field work in a few States and by a limited amount of information from other sources. The data obtained were tabulated by drainage basins in order, so it was reported, that a better knowledge may be had of the extent of use of these waters. (See Census Bulletin 16, "Irrigation in the United States: 1902," published in 1904.) The 1902 Special Census included the same 11 arid States and territories, 6 semiarid States, 8 humid States, and 6 rice-growing States for which data were presented in the 1900 report. Irrigators in the Hawaiian Islands were not canvassed for the 1902 Special Survey of Irrigation.

Beginning with 1910, a special census of irrigation has been taken, decennially, in the United States. The law relating to the first of these special irrigation censuses provided that the inquiry should cover "the arid region of the United States." The "arid region" was held to include all sections of the United States where irrigation is commonly practiced in the growing of farm crops. The 1910 Special Census of Irrigation included the western part of the tier of States formed by the Dakotas, Nebraska, Kansas, Oklahoma, and Texas, and all States and territories between these States and the Pacific Ocean. Hawaii and the other insular possessions were not covered. Under a broad interpretation, the 1910 Special Census of Irrigation was extended to the rice-growing districts of Louisiana, Texas, and Arkansas. A special questionnaire pertaining to irrigation enterprises was prepared and the data were collected by special agents. This irrigation questionnaire was designed to secure more detailed information than was called for by the general questionnaire for the census of agriculture carried by the enumerators who were charged with collecting data in respect to individual farms and the population. The latter enumerators, in areas using water for irrigation, made use of a supplemental irrigation schedule. (See Volumes V, VI, and VII of the reports of the Thirteenth Census for irrigation data for 1910, from both the special irrigation census and from the general census.)

For 1920, the basic plan for gathering irrigation statistics provided that the census of agriculture enumerators, in all States, would obtain a few facts in regard to land to which water had been supplied, for agricultural purposes, by artificial means or by seepage from canals, reservoirs, or other irrigated lands. A cross (X) was required to be placed before the name of each crop irrigated. In the 17 most westerly States—Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming—and also in Arkansas and Louisiana, this same general class of enumerators were instructed to obtain an irrigation schedule for each enterprise supplying water to fewer than 5 farms. Special agents were employed to obtain, in the 19 listed States, irrigation schedules for the larger enterprises and, after the regular enumeration had been completed, for any small ones missed by the general census enumerators. After 1910, rice growing became quite important in California. Since the area devoted to that crop, in that State, is not geographically separated from other lands used for growing irrigated harvested crops or irrigated pasture, all data related to rice growing in the 19 listed States, were consolidated for the first time, in the Fourteenth Census reports with the data for other irrigated lands. (See Volume VII of the reports of the Fourteenth Census.)

The first mid-decennial census of agriculture was taken in 1925. No inquiries were made for the 1925 census to identify irrigated land or irrigated crops. In each subsequent mid-decennial census, some data in regard to irrigation have been obtained, though not necessarily published, for each State, in the general census of agriculture.

In the 1930 census, irrigation statistics were gathered in a manner closely similar to that followed ten years earlier. The census of agriculture enumerator, regardless of the State in which he was working, was required to obtain a few facts for irrigated cropland (not total irrigated land) and to identify any harvested crop wholly or partially irrigated. For each harvested crop, partially grown on dryland, provision was made to list separately the dryland acres and production. The census of agriculture enumerator, in the same 19 States covered in the 1910 and 1920 Censuses of Irrigation, was required to fill a relatively simple questionnaire for individual, partnership, and cooperative enterprises serving one to four farms. For enterprises of other types, and partnership and cooperative enterprises serving more than four farms, a more elaborate questionnaire and special enumeration procedure were used. United States Government enterprises were reported direct to the Bureau of the Census by the Commissioner of the Bureau of Reclamation and the Commissioner of the Bureau of Indian Affairs, the separate reports being prepared by local division or project engineers under the supervision of these officials. Reports for others of the group of larger enterprises were obtained by mail. The mail canvass preceded the work of the enumerators, which permitted census supervisors to detail conveniently located enumerators who had performed good work in reporting the smaller enterprises, to the enumeration of enterprises which had not already been covered by reports obtained by mail. Finally, such enterprises for which reports had been obtained neither by mail nor through the regular enumerators were canvassed by special enumerators. (See "Irrigation of Agricultural Lands," one of the 1930 Census of Agriculture reports.)

In the 1935 Census of Agriculture, only one inquiry in regard to irrigation appeared on the questionnaire for the general census of agriculture. This one question was designed to obtain the total acreage from which irrigated crops were harvested in 1934. (See Volume III of the 1935 Census of Agriculture reports for data for irrigation for all States.) The publication of irrigation data for each State, as presented in the summary report for the 1935 Census of Agriculture has been continued for each succeeding census. Sometimes all of the available data have been presented in the summary report for the census of agriculture while for other years, when a special census of irrigation was conducted, some of the data appear in the summary report for the census of agriculture and the remaining in the special report dealing with irrigation.

In the 1940 Census of Agriculture, the total acreage of land from which irrigated crops were harvested and the total acreage of irrigated land used only for pasture or grazing were secured in all States. In the 17 most westerly States and in Arkansas and Louisiana, the irrigated area was also obtained for many of the individual crops. No provision was made on the questionnaire for showing separately the total production of a crop harvested from irrigated land. However, the tabulation plan provided for a separation of the acreage and production of the farms reporting a crop wholly irrigated and of the farms reporting a crop wholly nonirrigated. A limited amount of data was also tabulated for irrigated farms in Florida. (See Volume I, Volume III, and "Irrigation of Agricultural Lands" of the 1940 Census of Agriculture reports for irrigation data obtained in the 1940 general census of agriculture; also see Volume III for some historical data beginning with those for 1890.) The special census of irrigation for 1940 was conducted in Florida in addition to the 19

States referred to above. In the 1935 Census of Agriculture, 2,751 farms in Florida had been recorded as having 65,832 acres of irrigated farm and ranch land in 1934. These were larger totals than shown for any State other than those included in the designated 18 irrigation States covered in several special censuses of irrigation. (In the 1940 report "Irrigation of Agricultural Lands," statistics were presented for 19 States as one group while those for Florida were summarized with any available data presented for the group of humid States.)

The questionnaire for the 1945 Census of Agriculture contained this inquiry: "Total land in this farm irrigated in 1944." Provision was made, in the reporting form for the 19 irrigation States, for the enumerator to identify, with a check mark, crops harvested from irrigated land. However data collected in the 1945 Census of Agriculture on irrigation were not published because of their incompleteness. (See page XXVII of Volume II of the 1945 Census of Agriculture reports.) The incompleteness seemed to be more general in areas where irrigation was not widely practiced. Later, after a review of the tabulated totals for each county and some editing to correct the most likely cases of incomplete enumeration, a six-page pamphlet was issued, presenting a comparison of 1945 and 1940 census totals. This special report gave county data for farms reporting irrigated land and acres of irrigated land. However, data for counties with less than 100 acres irrigated in 1944 were consolidated in each State under the heading "All other counties." In the 1950 summary report of the census of agriculture (see pages 11, 62, and 63 of Volume II of the 1950 Census of Agriculture reports), the State totals for 1945 were published and are compared with data for prior censuses. In the 1950 Census of Agriculture, data were obtained on total land irrigated in 1949 and on acres irrigated by sprinklers. Additional data in respect to irrigation were obtained for 20 States, the 17 Western States, Arkansas, Louisiana, and Florida. The additional information obtained included a classification of the total irrigated land into four categories according to use, viz, irrigated cropland harvested, irrigated wild grass pasture, irrigated tame grass pasture, and irrigated cropland not harvested and not pastured; and information as to the specific crops irrigated and the supplier of the irrigation water. (See Volumes I, II, and III of the 1950 Census of Agriculture reports for these data.) In the 1950 Census of Irrigation, two questionnaires were used. One was used for the enumeration of irrigation enterprises operated by farms individually and the other for irrigation companies, districts, and other enterprises not operated by individual farms. The enterprises operated by individual farms were enumerated at the same time that the other census information for farms was obtained, by census of agriculture enumerators who receive special training for the enumeration of the irrigation enterprises. Enumeration of the irrigation enterprises that supplied 10 or more farms was accomplished in advance of the enumeration of the census of agriculture through the employment of specially qualified irrigation technicians—mostly professional employees of the Soil Conservation Service of the United States Department of Agriculture. Lists of enterprises serving 10 or more farms had been compiled, in part, from the reports collected in the 1940 Census of Irrigation. Another list, made currently while the census of agriculture enumeration was being conducted, was the principal source for the names of enterprises that supplied water for two to nine farms. These latter enterprises were enumerated by special enumerators trained and supervised by the irrigation technicians. (See Volume III: "Irrigation of Agricultural Lands" of the 1950 Census of Agriculture reports for statistics and their comparability with those from prior censuses.)

For the 1954 Census of Agriculture, several inquiries were used to obtain irrigation data in the 17 conterminous Western States and in Arkansas, Florida, Louisiana, and southeastern Missouri. For all of these areas, the inquiries related to the 1954 acreage of irrigated land from which crops were harvested and the names of the crops for which the entire acreage harvested was irrigated in 1954. The area of irrigated pasture was also obtained except in Arkansas, Louisiana, and southeastern Missouri. In the remaining 27 States and Missouri except for southeastern counties in Missouri, the questionnaire called for only the total acres irrigated in 1954. For the 17 conterminous Western States and for Arkansas, Florida, and Louisiana, the published data included the total land in farms reporting irrigation, the land in farms classified by use, and, except for Arkansas and Louisiana, the irrigated portion of land in farms classified as to whether an irrigated crop had been harvested or the land had been used for pasture only. For these 20 States, data for irrigated and nonirrigated crops were published. For the other 28 States, the published data for irrigation were limited to the farms reporting and the total acres of land irrigated. (See Volumes I and II of the 1954 Census of Agriculture reports for all published data gathered on the 1954 questionnaire.) Because of increasing interest in the subject of irrigation in the humid areas, a special survey in cooperation with the United States Department of Agriculture was made in 1955 in the 28 Eastern States. (See Part 6 of Volume III, Special Reports, 1954 Census of Agriculture, for the kind of information gathered.)

Legal basis for the 1959 Censuses of Agriculture and Irrigation.—The 1959 Censuses of Agriculture and Irrigation were authorized by an Act of Congress, as were all similar prior censuses. "Title 13, United States Code—Census," codified in August 1954, and amended in August 1957 and September 1960, is now the legal basis for censuses of agriculture and other censuses, and surveys conducted by the Bureau of the Census. Section 142 paragraph (a) made provision for a census of agriculture and paragraph (b) for a census of irrigation. These sections read as follows:

"142. Agriculture, Irrigation, and Drainage.

(a) The Secretary shall, beginning in the month of October 1959, and in the same month of every fifth year thereafter, take a census of agriculture, provided that the censuses directed to be taken in October 1959 and each tenth year thereafter, may, when and where deemed advisable by the Secretary, be taken instead in conjunction with the censuses provided in Section 141 of this title. (Section 141 relates to the decennial censuses of population, unemployment, and housing to be taken as of the first day of April of each decennial year.)

(b) The Secretary shall, in conjunction with the census of agriculture directed to be taken in October 1959 and each tenth year thereafter, take a census of irrigation and drainage."

PRESENTATION OF STATISTICS

The principal purpose of this report is to present all of the available data obtained in the 1959 Census of Irrigation. However, many of the data obtained in the 1959 Census of Agriculture are included so as to furnish more complete data not only for the Western States but also to bring together in one volume most of the data for all States and for the United States. This report also presents data obtained in previous censuses, both those for the census of irrigation and for the census of agriculture. Generally, the data from only one of these censuses are presented in a table. However, in a few cases, data from both censuses are in the same table.

Census of agriculture data.—Data from the census of agriculture are provided to indicate the extent of irrigation and to provide measures of the use of irrigation water for the production of various farm products. Summary table 1 shows, for each of the 50 States, exclusive of Alaska, the number of irrigated farms and the total area irrigated for the censuses of 1959, 1954, and 1950. Summary table 2 shows, for each of the 17 conterminous Western States and Louisiana, a classification of the land in farms according to use, as obtained in both the 1959 and 1954 censuses. Additional data are given for those farms, in each State, which reported all harvested crops as having been grown under irriga-

tion. Figures are given in summary table 2 for the two groups of irrigated farms (1) those which used any irrigation water and (2) a smaller but significant total for farms on which all crops were harvested from irrigated land.

A full analysis of census-collected irrigation data must take into account the kinds of individual crops to which water was applied; the proportion of the total acreage of each crop which was irrigated; the proportion of the total production which was grown under irrigation; and the average yields obtained with and without irrigation. Such data are given in summary tables 4 and 5. The first of these, summary table 4, provides a summarization by the kind of crops harvested in 1959 for 18 irrigation States, with available comparable totals for crops harvested in 1954. Figures are given, for many of the principal crops harvested, showing the number of farms which irrigated the entire acreage of a crop, with its acres, production, and value of production. These figures represent totals for farms on which all the crop harvested was irrigated.

The data for irrigated crops presented in summary table 4 do not represent the total acreage of the various crops irrigated. The data relate only to the acreage and production of crops on those farms on which the entire acreage of the crop harvested was irrigated. For example, if the total acreage of corn harvested on a farm were 40 and all 40 acres were irrigated, then the entire 40 acres of corn was included in the total for irrigated. However, if only 10 out of the 40 acres of corn harvested were irrigated, then the totals given in summary tables 4 and 5 do not include the 10 acres of corn irrigated. In such cases, the entire 40 acres of corn was included in the total for nonirrigated. However, data are given in summary table 3 showing the total acreage of each crop irrigated on farms where only part of the acreage in a crop was irrigated.

Census of agriculture data, as to total acres irrigated and acres irrigated from ground and surface sources, are included in summary tables 11 and 12 and in summary table 9.

Data for the census of irrigation are presented by States and by drainage basins. In some tables, data are presented by drainage basins within States. In the presentation of data when only a few organizations were serving within a State, State totals only are given. If only a few irrigation organizations operated in a given drainage basin, totals for the area are not shown separately but are combined with those for another basin. Somewhat similar procedures are followed in the presentation of data by type of organization or size of organization measured by total acre-feet of water conveyed.

The tables for individual States present data, on an intrastate basis, for each separately delineated drainage basin within a State. These basins may be minor basins, or submajor basins depending on the extent to which drainage basins within a State have been delineated for the purpose of presenting data. Totals are given for each grouping of basins into the next larger drainage basin unit and for the State. The tables containing totals for the 18-State area present data for larger drainage basin units on an interstate basis. Submajor drainage basins are the smallest unit for which data are shown. In both intrastate and interstate tables, if there were less than 3 organizations in one or more of the basins, combinations of the data were made so that the two basins together made a fairly homogeneous unit. In the intrastate tables for Colorado, data are given separately for the north and south parts of submajor basin IV–D.

Other published data.—Volume I of the reports for the 1959 Census of Agriculture contains for each State and for each county, detailed data on irrigation as follows:

County Table 1a.—Number, acreage, land in farms classified by use, acreage irrigated by sprinklers, irrigated farms classified by acres irrigated, and land irrigated by source of water.

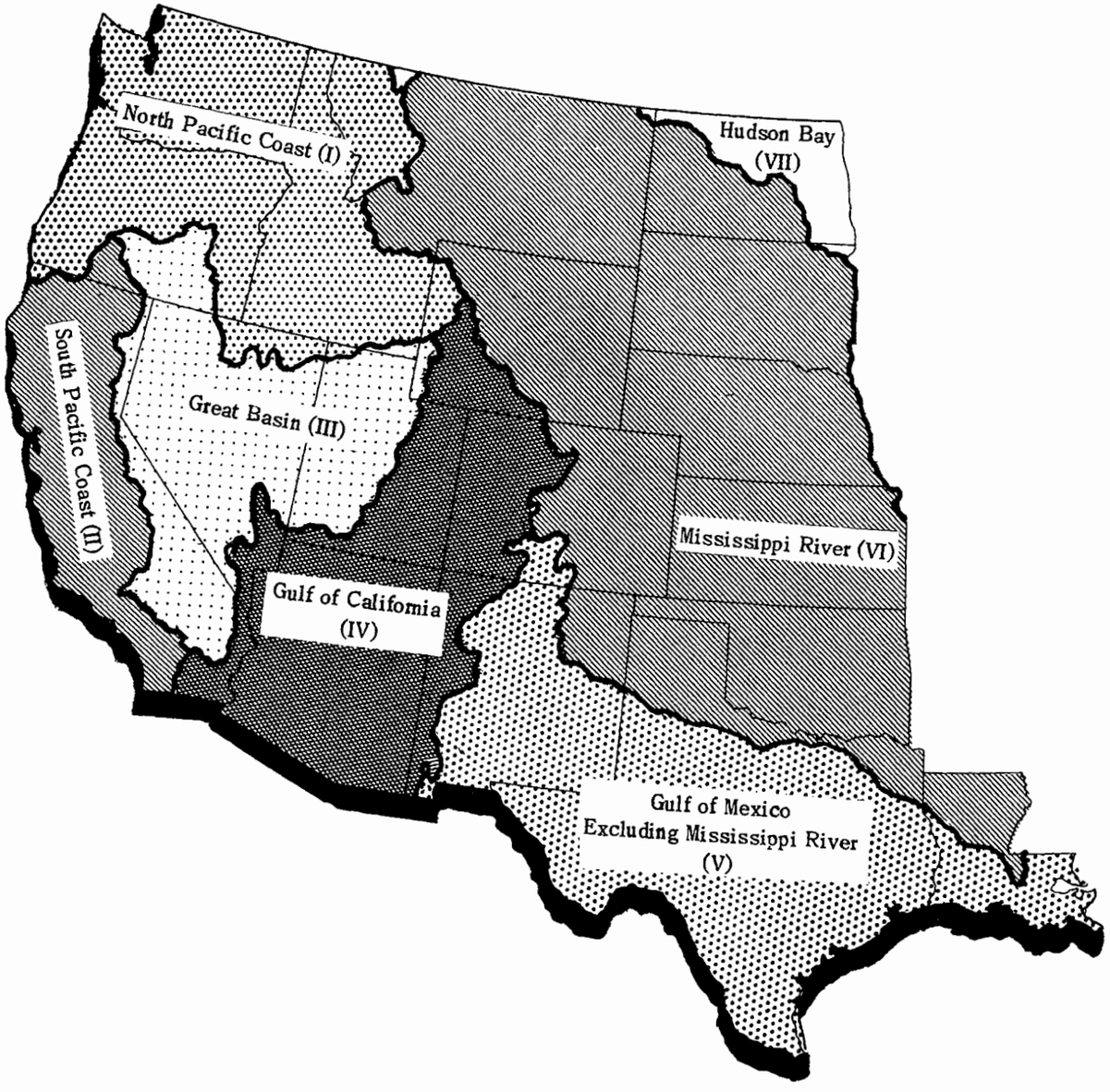
County Table 11a.—Farms reporting, acreage, and quantity of crops harvested from irrigated land. Figures are given for acres and quantity harvested for farms for which the entire harvested acreage of the crop was irrigated. For farms on which only part of the harvested acreage of the crop was irrigated, figures are given for farms reporting and acres, but not for quantity harvested.

Census of irrigation data.—Census of irrigation data are presented for the States covered by the 1959 Census of Irrigation, i.e., for the 17 conterminous Western States, and Louisiana. Data are not given separately for Oklahoma, as only two irrigation organizations were recorded in that State. To avoid disclosure of individual operations, Oklahoma figures have been combined with those for Kansas.

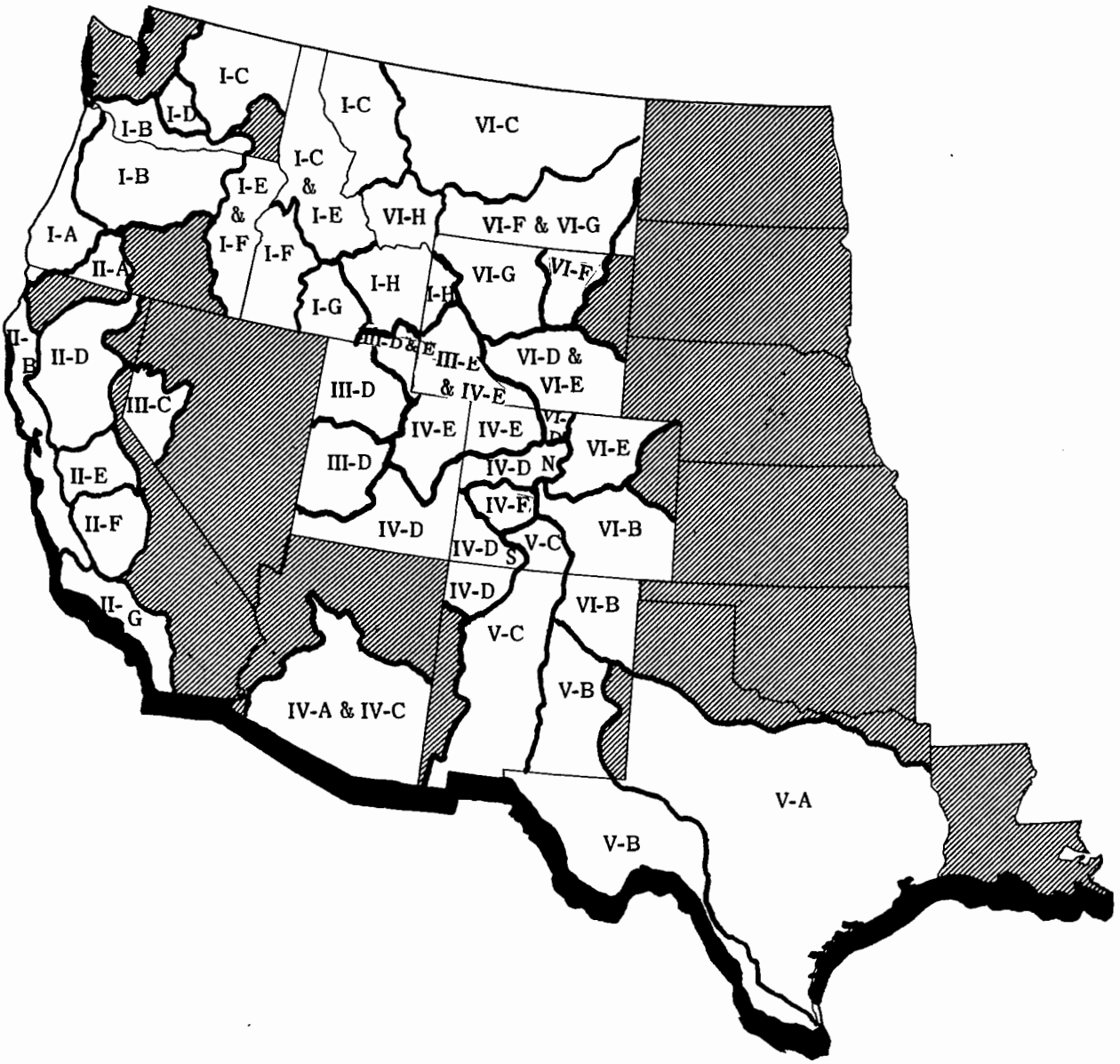
Drainage basin data provide the basis for a comprehensive analysis of irrigation organizations and their characteristics and development as well as measures of the relative importance of the principal streams as sources of water supply. Therefore, the statistics were assembled by drainage basins, and such geographic areas are extensively utilized herein for data presentation. Since drainage basin boundaries do not usually coincide with State lines, figures may be presented either on an intrastate or an interstate basis. Some tables contain data compiled on both bases. Since the irrigated area in a drainage basin may have received water from another drainage basin, data are shown in three of the tables regarding the interbasin transfers of water.

For convenience of reference, the drainage basins by which the data are presented have been identified in the tables and on the maps by a uniform system of symbols. Major drainage basins are designated by Roman numerals, submajor basins (subdivisions of the major drainage basins) by capital letters, parts or tributaries of the submajor basins by Arabic numerals, and further subdivisions by small letters. Thus, the number II–D 5c represents the drainage basin of the Yuba River (subminor basin c) which is part of the drainage area of the Feather River (minor basin 5) which is a tributary of the Sacramento River (submajor basin D) which is part of the South Pacific Coast drainage basin (major basin II). Parts of basins designated as the basin "direct" include tributaries not shown separately.

LOCATION OF MAJOR DRAINAGE BASINS IN THE 17 WESTERN STATES AND LOUISIANA



LOCATION OF SUBMAJOR DRAINAGE BASINS FOR WHICH INTRASTATE TABLES ARE PRESENTED



LOCATION OF SUBMAJOR DRAINAGE BASINS FOR WHICH INTERSTATE TABLES ARE PRESENTED



Maps showing irrigated areas by drainage basins.—There is a series of maps available for each of the 17 Western States and Louisiana. These maps are approximately 3 feet by 4 feet in size and were prepared on a scale of about 16 miles on the ground to 1 inch on the map. These show the location of irrigated land by counties and by drainage basins and the acres irrigated by source of water, either ground or surface. One overall map, showing similar data for all of the 18 States, is also available. The acreage shown as irrigated within a drainage basin may not have received all of its water from sources within that basin as water from one basin may have been diverted and used in another basin.

The data used in the preparation of the maps for 1959 were obtained from both the census of irrigation and the census of agriculture. All figures for acreage are from the census of agriculture. The allocation of the acreage irrigated from organization sources between surface- and ground-water sources was made on the basis of the percentage of the water received in the drainage basin, by all organizations, which came from ground and surface sources.

The number of dots for the State maps were calculated for each minor civil division or other county subdivision. The dots were plotted within the subdivision after an examination of United States Geological Survey topographic maps, maps of the Bureau of Reclamation projects, enumerator maps, and any other available information indicating the location of the irrigated land. After plotting, the dots were counted by drainage basins to determine the irrigated acreage from each water source for each drainage basin.

The acreage irrigated for counties having less than 500 acres irrigated is not shown on the maps. However, the table printed on the map does provide totals for the irrigated acreage in each drainage basin even though the data are not shown on the map for all counties.

In order that the figures presented for drainage basins may be more easily understood, three maps are given to show the general plan of both data and map presentation. One map shows the location of the major drainage basins in the 17 conterminous Western States and Louisiana. The second map shows the submajor drainage basins for which intrastate tables are presented and the third map shows the submajor drainage basins for which interstate tables are presented.

Identification of drainage basins.—The major and submajor basins and map symbols are as follows:

Basin	*Map symbol*
NORTH PACIFIC COAST:	
Excluding Columbia River	I–A
Columbia River:	
Below Snake River	I–B
Above Snake River excluding Yakima River	I–C
Yakima River	I–D
Snake River:	
Below Weiser, Idaho	I–E
Weiser to King Hill, Idaho	I–F
King Hill to American Falls, Idaho	I–G
Above American Falls	I–H
SOUTH PACIFIC COAST:	
Klamath River	II–A
Klamath River to Santa Maria River excluding Central Valley	II–B
Central Valley:	
Sacramento-San Joaquin Delta area	II–C
Sacramento River	II–D
San Joaquin River	II–E
San Joaquin Valley above San Joaquin River	II–F
Santa Maria River and South	II–G
GREAT BASIN:	
Northwest Great Basin	III–A
Humboldt River	III–B
South Central Great Basin	III–C
Bonneville Basin excluding Bear River	III–D
Bear River	III–E
GULF OF CALIFORNIA:	
Excluding Colorado River	IV–A
Colorado River:	
Colorado River below Lees Ferry, Arizona:	
Excluding Gila River	IV–B
Gila River	IV–C
Colorado River above Lees Ferry:	
Excluding Green and Gunnison Rivers	IV–D
Green River	IV–E
Gunnison River	IV–F
GULF OF MEXICO EXCLUDING MISSISSIPPI RIVER:	
Excluding Rio Grande and Mermentau River	V–A
Rio Grande:	
Rio Grande below Fort Quitman, Texas	V–B
Rio Grande above Fort Quitman	V–C
Mermentau River	V–D
MISSISSIPPI RIVER:	
Excluding Arkansas and Missouri Rivers	VI–A
Arkansas River	VI–B
Missouri River: Below Three Forks, Mont., excluding Platte and Yellowstone Rivers	VI–C
Platte River:	
Excluding South Platte River	VI–D
South Platte River	VI–E
Yellowstone River:	
Excluding Bighorn River	VI–F
Bighorn River	VI–G
Missouri River headwaters above Three Forks, Montana	VI–H
HUDSON BAY (Red River of the North)	VII

ENUMERATION FORMS AND PROCEDURES

Introduction.—The primary purpose for the formation of an irrigation enterprise, organization, or system is to obtain water from natural sources and deliver it to water users. Under a broad interpretation, a system could include a formal or informal cooperative undertaking or a single enterprise. Water may come from ground sources or from surface sources. In many areas it is necessary to store water from melting snow or winter rain in order to have a more adequate supply during the growing season. Most commonly, the water is stored in a reservoir behind a dam built across the stream which furnishes the water. Occasionally, a more economical location for water storage is off the stream which supplies the water and an off-stream reservoir has been constructed.

Medium and large-size irrigation systems will necessarily have one or more main canals or pipe lines to convey water to the area to be served, commonly using gravity flow. Main canals may deliver water to smaller canals, usually called laterals, which carry the water to a group of water users located along the lateral.

Many enterprises which deliver water for the irrigation of farm and ranch land perform other functions. These may include the generation of electric power, flood control, artificial drainage of lands, and the delivery of water for other uses. These other uses may be divided into two groups. The first group includes: Domestic and residential users, including lawn and garden watering; municipal water supply; water for industrial purposes; livestock watering; and water spreading for the recharge of groundwater supplies. The water involved in these uses and for the irrigation of farm and ranch lands must be taken from streams or other natural sources. These are the uses for which information was obtained in a census of irrigation, on water delivered by irrigation enterprises.

The other group of water uses for which water is delivered includes power generation, streamflow regulation for navigation, waste dilution, and for fish and wildlife. The water involved in this group either is not taken out of streams or, after diversion, is returned without any substantial loss in quantity. The census of irrigation has not been concerned directly with this second group of water uses.

The 1959 Census of Irrigation was concerned with finding out the amount of water taken from natural sources by irrigation organizations; accounting for the transfers between the organizations which had a part in water conveyance or delivery; and determining how much was delivered to farms, how much was lost along the way, and how much was delivered for uses other than irrigation of farm and ranch lands. The 1959 Census of Irrigation did not ascertain data in respect to the conveyance loss and use of water by an individual farmowner or operator.

The various organizations which depend on one another for the receipt or delivery of water are referred to as "related organizations." They may be quite independent in ownership and management, but they are related in the sense that water is transferred from one organization to another as it moves from its source to the individual user. These related organizations present special problems in their enumeration. An organization which operates facilities in more than one drainage basin also presents problems for enumeration.

In the period since the first census of irrigation there have been changes in the techniques and organization of irrigation water supply, in the kind of information needed, and in the type of data which can be reliably and economically obtained by census procedures. In recognition of such changes, each census has incorporated some modifications from its predecessor. The 1959 forms and procedures and the major changes made for the 1959 Census of Irrigation as compared with that of 1950, are outlined in this section. The effect of these changes will be indicated in more detail in the section on "Definitions and Explanations."

Organizations included.—For 1959 Census of Irrigation, an irrigation organization was defined as a group of two or more water users, a company, or a governmental district or agency that operated facilities to supply water for irrigation of farm and ranch lands. It may have been either a formal, legal organization or an informal or cooperative arrangement. The facilities of an organization were not required to supply water directly to farms but the water stored or conveyed had eventually to serve 2

or more farms. The organizations enumerated in 1959 correspond closely to the "multiple-farm enterprises" for the 1950 census.

In the 1950 and earlier censuses of irrigation, special questionnaires were also obtained for those farms which operated their own supply works to bring water *to* the farm, either from natural sources or from a canal or pipeline of an irrigation organization (if located more than a mile from the farm boundary, or if a pump were required to lift the water from an irrigation canal to the farm). The 1950 questionnaire did not, however, cover the process of conveying and distributing the water on the individual farm. Thus, a farm which operated a pump to lift water from an irrigational canal was regarded as an irrigation enterprise for the supply of water to two or more farms, and a special questionnaire was obtained. But a farm which received water by gravity from a canal was not regarded as an irrigation enterprise, even though it may have operated expensive works for the distribution of water on the farm.

Elaborate facilities for distributing and applying irrigation water *on* the farm are now more common than when the first census of irrigation was taken, and thus there has been an increasing investment by farmers in land leveling, distribution systems, sprinklers, etc. From the point of view of the farm economist or the equipment supplier, the facilities for the conveyance and application of water *on* the farm may be as important as those operated to bring water *to* the farm. This fact has influenced the kind of information collected in the census of irrigation. It has become more difficult for farmers and census enumerators to report cost and other information for works operated to bring water *to* the farm, separately from that for facilities for distribution and application *on* the farm. This is especially true when the same pump is used to obtain water from a well or canal and also to provide pressure to pipelines or sprinklers on the farm. However, the inclusion of on-the-farm-irrigation operations in the census of irrigation would greatly increase the cost of data collection. In 1950 the collection of 298,000 questionnaires would have been required for coverage of irrigation facilities on all irrigated farms in the 20 States. Because of costs, data on irrigation facilities on individual farms were not collected in connection with the 1959 Census of Irrigation.

As a result of the exclusion of irrigation enterprises providing water to only one farm from the 1959 census, the definition of water delivery by multiple-farm irrigation enterprises directly to farms was altered for application in 1959. In the 1950 census, if a farm operated more than a mile of canal, or if it used a pump to bring water to the farm from a canal or pipe operated by a multiple-farm irrigation enterprise, then the farm-operated supply works were considered to be an irrigation enterprise apart from the farm itself. In such a case the multiple-farm enterprise was not considered to deliver water directly to a farm but rather to another irrigation enterprise (a single-farm enterprise) which in turn delivered water to the farm. In 1959, however, any delivery by a multiple-farm enterprise to works operated by a single farm was considered to be water delivered directly to a farm.

Because the 1959 Census of Irrigation was confined to irrigation organizations, omitting individual farm water supply systems, Arkansas and Florida, which have few irrigation organizations, were not included in the census. These two States were included in the 1960 Survey of Irrigation in Humid Areas.

Questionnaires.—Three questionnaires, designated I–1, I–2, and I–3, were used to enumerate irrigation organizations in the 1959 Census of Irrigation. Each of these asked for essentially the same kind of information. They differed only in their adaptation to the peculiarities of the type of organization each was designed to enumerate. The I–1 form was used to enumerate organizations which operated facilities within one drainage basin and neither received any water from another organization nor delivered water to another organization. The I–2 questionnaire was used to cover the operations of those organizations which operated facilities entirely within one drainage basin but which obtained part or all of their water from another organization and/or delivered part or all of their water to another organization. The I–3 reporting form was utilized to enumerate organizations which operated facilities in more than one drainage basin and also to enumerate some organizations which operated large off-stream reservoirs. (Facsimile copies of these three questionnaires are included in the appendix.) Whenever irrigation water was transferred in canals, pipes, or tunnels from one drainage basin to another, the organization in whose facilities it crossed the boundary was considered as an interbasin organization.

The questionnaires contained inquiries to ascertain the legal type of organization; the number of water users served—farm, residential, and others; the number of acres served and the number of acres actually irrigated; the amount of water obtained by source; the amount of water disposed of by type of disposition; whether or not the land served by the organization received water from other sources; and the amount of new capital investment since 1950. Other questions were included, some of which enabled the enumerators to determine whether or not the organization reporting met the definition of an irrigation organization, and some of which gave information useful in the checking of other data reported on the questionnaires.

The I–1 questionnaire did not include inquiries for reporting deliveries of water to other organizations, although it did include questions to determine whether or not such deliveries should have been reported. The I–1 questionnaire also made provision for the respondent to report water quantities in units other than acre-feet. The respondent could report either in volume units or flow units in accordance with the way he kept his records or was accustomed to measuring water.

The I–2 questionnaire did provide inquiries to ascertain interorganization transfers. A separate worksheet was furnished the enumerator for use in making entries on the I–2 questionnaire in converting water quantities reported in volume units other than acre-feet, or in flow units, to acre-feet.

The I–3 questionnaire used for the enumeration of all interbasin organizations, provided for the accounting of all water obtained and disposed of by drainage basins. Transfers between basins were reported. The I–3 questionnaire was also used to enumerate organizations which reported the use of off-stream storage.

The questionnaires for the 1959 Census of Irrigation were prepared by the Bureau of the Census. Two special committees provided advice and counsel. A Special Federal Agency Committee, for the 1959 Censuses of Irrigation and Drainage, comprised representatives of the following United States agencies: Agricultural Conservation Service, Agricultural Research Service, Rural Electrification Administration, and Soil Conservation Service of the United States Department of Agriculture; and the Bureau of Indian Affairs and the Bureau of Reclamation of the United States Department of the Interior.

A second committee, the Special Advisory Committee for the 1959 Census of Agriculture, reviewed the later stages of the planning. This committee consisted of one representative from each of the following: Agricultural Publishers Association; American Association of Land Grant Colleges and State Universities; American Farm Bureau Federation; American Farm Economic Association; American Statistical Association; Farm Equipment Institute; National Association of Commissioners, Secretaries, and Directors of Agriculture; National Council of Farmer Cooperatives; National Farmers' Union; National Grange; Rural Sociological Society; and the U.S. Department of Agriculture. A representative of the Bureau of the Budget was in attendance at all meetings of this committee.

Enumerator drainage basin maps.—Inasmuch as census data were to be published by drainage basins, it was important that the drainage basin location of each irrigation organization be determined. Each enumerator was supplied with a set of county highway maps for his enumeration area, on which the boundaries of the drainage basins had been traced. Each drainage basin was given a code number. The 1950 drainage basin location of each organization was provided to the enumerator on his control list of organizations. As each organization was enumerated the drainage basin location was checked on the maps. Steps, which will be described later, were taken during the processing operations to provide the drainage basin location of organizations submitting reports by mail.

The enumeration.—The enumeration of the irrigation organizations, for the 1959 Census of Irrigation, was accomplished during December 1959, and January, February, and March 1960. The reports covered water supply activities during the 1959 calendar year. In case water was delivered in the winter months, and the organization's records were kept on a fiscal year basis, the fiscal year figures were accepted if the fiscal year ended within three months of the end of the 1959 calendar year. Data pertaining to the expenditures for works and equipment were reported for the ten-year period, January 1, 1950, through December 31, 1959.

Prior to the beginning of the enumeration, lists of irrigation organizations were compiled from the records of the 1950 census and from information supplied by the Bureau of Reclamation, Bureau of Indian Affairs, and various State agencies. The organizations were classified, on the basis of available information, into interbasin organizations, interrelated organizations, and nonrelated organizations. Interbasin organizations included those with operations in more than one basin, interrelated organizations comprised those that received or delivered water to another organization, and unrelated organizations included all other organizations. The classification of individual organizations was made usually on the basis of information obtained from the 1950 questionnaires.

Questionnaires were mailed to the nonrelated organizations with a letter requesting that they be filled out and returned to the Agriculture Operations Office of the Bureau of the Census in Parsons, Kansas. Questionnaires were also mailed to interrelated and interbasin organizations to give these organizations advance notice of the enumeration and allow them sufficient time to prepare the information for their reports before an enumerator called.

The area of the 18 States in which the irrigation census was conducted, was divided into 80 enumeration districts in accordance with the number of organizations to be enumerated, the distribution of the organizations, and travel conditions in the area. Approximately 80 enumerators were selected from among the crew leaders, who had worked on the 1959 Census of Agriculture. These enumerators were given a two-day training course in irrigation enumeration procedures and in the use of the irrigation questionnaires.

Each enumerator was given a "field control card" for each organization to be enumerated in his area. These control cards included those for all the interrelated organizations and also those nonrelated organizations which had not submitted a report by mail.

The enumerators were instructed to enumerate all the interrelated organizations in their area, including any unlisted organizations which might be related to organizations they enumerated, except interbasin organizations. Each enumerator was notified of the receipt, by mail, of completed questionnaires from the nonrelated organizations in his area. He was instructed to enumerate all organizations for which he had not received such a notice.

Three special enumerators were recruited for the enumeration of all interbasin organizations. These enumerators were agriculture economists from the Land and Water Branch of the Farm Economics Research Division, Agriculture Research Service, U.S. Department of Agriculture. They were trained by the irrigation economist in charge of the census of irrigation.

Reports for projects operated by the Bureau of Reclamation and the Bureau of Indian Affairs of the Department of the Interior were prepared by the respective bureaus.

Special provision was made to insure the enumeration of irrigation organizations not on any control list. Each farm operator who received irrigation water from an irrigation organization was asked, on the 1959 Census of Agriculture questionnaire, to report the name of the organization or organizations from which water was received. During the processing of the census of agriculture questionnaires, a transcription card was prepared the first time each organization's name appeared. These cards were checked against the listing of the organizations supplied to the enumerators. Reports for unlisted organizations were obtained either by mail or by the enumerators.

PROCESSING OPERATIONS

Completion of enumeration.—As irrigation questionnaires were received by mail from the irrigation organization in the Agriculture Operations Office in Parsons, Kansas, the date of receipt was posted on the control list for irrigation organizations. Likewise, as an enumerator completed his assignment in a county, he forwarded the completed questionnaires to the same processing center. A check was then made of the control list for the county to ascertain the degree of completion of the enumeration in the county.

Preliminary checking.—All irrigation questionnaires, whether received directly from irrigation organizations or from enumerators, were subjected to a preliminary checking to determine whether or not they were satisfactorily filled. To be considered satisfactory, dependance was placed primarily on the extent to which "quantity of water" information was furnished in relation to the number of acres served by the organization. If the organization served less than 500 acres, its report was considered satisfactory when the number of acres irrigated and the number of farm water users was reported and the source of water indicated. If the organization served 500 or more acres, its report was considered satisfactory only if the actual quantity of water obtained was reported or if the report contained information which would make possible a reasonably accurate estimate of the quantity of water. The questionnaires of interrelated organizations were checked to make sure the interorganization transfer quantities were in reasonable agreement.

Questionnaires which were considered unsatisfactory were returned to the enumerator with a memorandum containing instructions for obtaining the additional information needed.

Editing and coding.—Each questionnaire was edited and coded before the information was transferred to punchcards and tabulated. The questionnaires were arranged for editing into 3 groups—nonrelated, interrelated, and interbasin.

Questionnaires which did not represent an irrigation organization in accordance with the census definition were eliminated. Questionnaires eliminated included those reporting organizations providing water to less than 2 farms, reports for organizations serving only residential water users, and reports for organizations which did not operate water supply facilities in 1959.

In the editing process, all questionnaires were examined for errors, omissions, and inconsistencies. Among the specific items subjected to checking were the following:

a. Farm water users served: The relationship between number of farm water users, the acres served, the area irrigated, and the quantity of water delivered were checked to be sure they were reasonable.

b. Residential or other water users served: The number of residential or other water users was checked with the quantity of water delivered to see that the relationship was reasonable.

c. Water obtained and disposed of: Checks were made to insure that the quantity of water received was equal to the quantity of water disposed of.

d. Conveyance loss: A report regarding conveyance loss was necessary unless a satisfactory explanation was given as to why there was no conveyance loss.

Obvious errors in calculations and in units of measure and misplaced entries were corrected as found. Entries not clearly legible were rewritten. Questionnaires containing major inconsistencies and omissions were referred to irrigation technician for review. The technician corrected the questionnaires, either on the basis of information reported for other organizations in the area or on the basis of additional information received in response to letters directed to the organization.

A water quantity reported in a unit, other than acre-feet, was converted to acre-feet. Estimates for quantity of water were made when required for organizations which reported less than 500 acres of land irrigated. These estimates were made on the basis of information reported for other organizations of similar type in the area. In the case of the interrelated organizations, interorganization transfers of water were compared and discrepancies corrected. Discrepancies of less than 300 acre-feet between reports of two interrelated organizations were corrected by the clerks, in accordance with the following rules:

1. If only one organization reported the transfer of water, the transfer was cancelled and the other figures in the questionnaire were adjusted to make water obtained equal to water disposed of.

2. If both organizations reported the transfer but the amounts differed by a quantity of less than 300 acre-feet and one of the organizations reported measuring its water while the other did not, the report of the organization making measurements was accepted. If neither organization measured the water, each report was adjusted by an amount equal to one-half the difference.

Discrepancies between the reports of two interrelated organizations of 300 or more acre-feet, for water transferred, were referred to an irrigation technician. Discrepancies of 300 to 999 acre-feet were corrected by the technician on the basis of other information on the questionnaires. In all cases of discrepancies of 1,000 acre-feet or more, letters were sent to the respondents of both organizations pointing out that a discrepancy did exist although not revealing the quantity and asking that the reported figures be reviewed, and any necessary corrections be made. In nearly all cases the replies to these letters contained information which made possible the correction of the two reports.

The drainage basin location of organizations which reported by mail was supplied on the basis of information from the 1950 irrigation questionnaires. For organizations which were not enumerated in 1950, or for which there was any question about the drainage basin in which located, the information given on the questionnaire as to the location of the sources of water, or the land irrigated, was checked against the drainage basin maps to determine the drainage basin in which the organization was located.

The questionnaires of all interbasin organizations were edited and coded by irrigation technicians, in accordance with the same rules used for questionnaires for interrelated organizations. To facilitate tabulations, a questionnaire was prepared for each basin. Thus, if an organization operated in three drainage basins, three questionnaires were prepared, one for each basin in which it operated.

During the coding operation each irrigation organization was assigned a code to indicate (1) drainage basin in which located, (2) the legal type of organization, (3) whether or not water from other sources was used on the same land served by the irrigation organization, and (4) the amount of water delivered to farm users per acre irrigated by the organization.

Tabulation of data.—After the questionnaires were edited and coded, the information was punched into tabulating cards. One card only was required for each questionnaire. A tabulation was made for each individual drainage basin. Totals were obtained for the additive information on the cards for each drainage basin. This tabulation was examined by the irrigation technician for reasonableness and consistency. After the review and correction of this tabulation another tabulation was made, by type of organization for submajor drainage basins and States. This tabulation was reviewed for reasonableness and consistency, before the remaining tabulations were made.

DEFINITIONS AND EXPLANATIONS

The definitions and explanations which follow relate mostly to those 1959 items considered to be inadequately described in the tables.

Irrigation defined.—The term "irrigation," as herein used, refers to the application of water, by artificial means, to land being used for agricultural purposes. These artificial means include subirrigation as well as application of water to the ground surface either by general flooding, by basins, and by furrows, or less directly through the use of sprinklers.

Irrigated land.—Irrigated land includes any land in farms (and ranches) to which water was applied in the year covered by the enumeration. Irrigation may have been used for producing a harvested crop, for pasture or grazing lands, for cultivated summer fallow, or for land planted to a crop intended for future harvest. Land flooded for rice cultivation was considered as irrigated. Land flooded during high water periods was to be included as irrigated only if water was diverted to agricultural lands by dams, canals, or other works. The definition of irrigated land specifically excluded land where the water table or the natural level of the ground water was controlled by drainage works with no additional water brought in by canals or pipes.

Census definition of a farm.—For the 1959 Census of Agriculture, the definition of a farm was based primarily on a combination of "acres in the place" and the estimated value of agricultural products sold.

The word "place" was defined to include all land under the control or supervision of one person or partnership at the time of enumeration and on which agricultural operations were conducted at any time in 1959. (For definition of "agricultural operations," see p. ix of the Introduction to volume II of the reports for the 1959 Census of Agriculture.) Control may have been exercised through ownership or management; or through a lease, rental, or cropping arrangement.

Places of 10 or more acres in 1959 were counted as farms if the estimated sales of agricultural products for the year amounted to at least $50. Places of less than 10 acres in 1959 were counted as farms if the estimated sales of agricultural products for the year amounted to at least $250. Places not meeting the minimum estimated level of sales in 1959 were nevertheless counted as farms if they could normally be expected to produce agricultural products in sufficient quantity to meet the requirements of the definition. This additional qualification resulted in the inclusion as farms of some places that were engaged in farming operations for the first time in 1959, as well as places affected by crop failure or other unusual conditions.

Land in farms according to use.—Land in farms was classified according to the use made of it in 1959. The acreage in each farm was allocated among the various land-use categories only once, and any acreage that had two or more uses during the year was classified according to its most important use.

Cropland harvested.—This includes land from which crops were harvested; land from which hay (including wild hay) was cut; and land in small fruits, orchards, vineyards, nurseries, and greenhouses. Land from which two or more crops were harvested was to be counted only once. The entry for cropland

harvested was obtained directly from the farm operator and then verified by the census enumerator by adding the acreages of each crop reported and subtracting from this total the acres of land from which two or more crops were harvested. This checking was repeated during the office processing for farms with 100 or more acres of cropland harvested. The enumerator was directed to list only under "Cropland harvested" any acreage that had additional uses during the year. For instance, any land from which hay was cut was classified as cropland harvested, regardless of the use of land for grazing later in the year.

Cropland used only for pasture.—The enumerator was instructed to include all land used only for pasture or grazing that could have been used for crops without additional improvement, and all land planted to crops that were hogged off, pastured, or grazed before reaching maturity. In the census of 1954 the enumerators were instructed to report rotation pasture and all other cropland used only for pasture as cropland used only for pasture.

Cropland not harvested and not pastured.—This class includes cultivated summer fallow, cropland used only for soil-improvement crops, land on which crops failed, land planted to crops for harvest after the year covered by the census, and idle cropland. The data for this class for 1959 were obtained through the use of two inquiries in some States and three in other States as follows:

Cultivated summer fallow.—This land use was obtained for the 17 Western States in the conterminous United States. The acreage of cultivated summer fallow is negligible in those States where the inquiry was not included on the questionnaire. For the censuses of 1959, 1954, and 1950, cultivated summer fallow was defined as cropland that was plowed and cultivated but left unseeded to control weeds and conserve moisture. Separate data are not available for 1945 and earlier censuses.

Cropland used only for soil-improvement crops.—Only land used for cover crops, to control erosion or to be plowed under for green manure and planted to another crop, fell into this category. A large proportion of this land was covered by contracts of the Soil Bank. The enumerator was cautioned not to include land from which crops were harvested in the census year or land that was pastured or grazed. There was no separate inquiry for Alaska and Hawaii. In these two States cropland used only for soil-improvement purposes was included under other cropland not harvested and not pastured.

Other cropland not harvested and not pastured.—All cropland except cropland harvested, cropland in cultivated summer fallow, cropland pastured, and land used only for soil-improvement crops was included in this land-use class. This total included all acreage on which crops failed because of drought, floods, insects, etc.; acreage not harvested because of low prices or labor shortage; acreage not harvested but occupied by growing crops intended for harvest in later years; acreage which had been plowed, and could be plowed again without first clearing away brush, but which had been idle for one or more years.

Woodland pastured.—This includes all woodland that was used for pasture or grazing during the census year. According to instructions, woodland refers to woodlots and timber tracts, natural or planted.

Woodland not pastured.—The enumerator was instructed to include in this category land in the Soil Bank planted to trees.

Other pasture.—All land, other than woodland and cropland, used for pasture or grazing was designated other pasture.

Improved pasture.—A pasture that had been limed, fertilized, seeded, irrigated, drained, or cleared of weeds or brush was to be considered improved pasture.

All other land.—This item refers to all land not included in any of the preceding land-use items and includes land occupied by a house or other buildings; lanes, roads, and ditches; and land area of ponds and wasteland. Unusually large tracts of other land held primarily for purposes other than agriculture were excluded from the tabulations.

In summary tables 6 and 11, the "total acres irrigated in census year" is shown for 1959 and 1949. The 1959 data were obtained in the general census of agriculture while those for 1949 were obtained in the 1950 Census of Irrigation. The most useful comparison of drainage basin totals was made possible only by using data from the two sources. Data in respect to the number of irrigated farms and acreage of irrigated land collected in the census of agriculture are more accurate than those collected in the census of irrigation. The 1950 Census of Agriculture data were not apportioned to drainage basins. However, the 1950 Census of Irrigation acreages, through a process of reconciliation, were brought into reasonable agreement with the 1950 Census of Agriculture irrigated acreage. (See page XXIV for a discussion of the method used in 1950 to reconcile census of irrigation data with similar data gathered in the census of agriculture. See also "Area reported irrigated by organizations" on page XXI.) The State totals for 1959 correspond with those reported in volume I of the reports for the 1959 Census of Agriculture.

Irrigated farms.—All farms with any land irrigated in 1959 are counted as irrigated farms. The extent of irrigation on any particular farm could have ranged from an adequate and timely supply of water for all crops and pasture to an inadequate supply of water with the result that the crop irrigated was not worth harvesting or it was harvested for a purpose different than the purpose for which it was planted.

If, from the total number of irrigated farms, as shown in summary table 1, the number of farms reporting irrigated cropland harvested is subtracted, the resulting difference represents those irrigated farms which had no irrigated harvested crops. These farms could have had irrigated pasture (any kind of pasture land which was not used for crop production in the census year), land planted to an irrigated crop intended for future harvest, land in cultivated summer fallow, land which was irrigated in the census year and was being prepared for seeding a crop for harvest in a later year, and land in a crop which was irrigated in the census year but which was a complete failure.

Irrigation organization.—An irrigation organization is a business comprising a group of two or more water users, a company, a corporation, or a governmental district or agency that operates facilities to supply water for the irrigation of farm and ranch lands. It may be either a formal, legal organization or an informal or cooperative arrangement. To be included in the census of irrigation two or more farm water users had to be served by the water which was stored or conveyed by the facilities of an organization but these water users did not have to be served directly. Thus, if a storage reservoir released water into a stream channel which was picked up downstream by another organization which served two or more farms, the organization which owned the reservoir qualified as an irrigation organization. Likewise, if all the water of one organization was received into facilities of another organization, both were included as irrigation organizations provided two or more farm water users were served. In the first example, the reservoir would be included as an organization which did not convey water.

An organization was included in the census, if any of the water stored or conveyed in its facilities was used for farm irrigation even though irrigation was not the main purpose of the organization. Organizations which did not operate water supply works, in 1959, because of water shortage or other reasons were not included.

An irrigation system operated by a single farm primarily to supply water for that farm was not counted as an irrigation organization, though it may have supplied water to one or more other farms. (In 1950, a total of 105,254 single-farm irrigation enterprises were reported in the 18 irrigation States, and they supplied water to 7,125 other farms.) However, if a ditch, pump, or other works which supplied water to two or more farms (or water users) was operated as a cooperative undertaking of two or more farmers or water users, it was included as an irrigation organization. The determination as to whether a small irrigation system serving two water users is operated by one of them or by both jointly is difficult in some cases, particularly if the two water users have such relationships as landlord and tenant, or father and son. The determination of whether the persons providing water to two or more water users qualified as an irrigation organization may not always be made in a uniform basis from census to census; and thus, part of the change in the number of irrigation organizations may be the result of differences in determination of whether the organization meets the criteria

for inclusion in the census of irrigation. Changes in the number of organizations from census to census may arise from changes in the number of farm operators for the same land irrigated without any change in water supply facilities. For example, an irrigated tract of land may comprise three farms for one census and only one farm at another census because of the consolidation of farms.

Only organizations which divert, pump, store, or convey water used, at least in part, for irrigation are included. Water-user organizations which provide information or technical assistance and which represent the interest of water users, promote water development, etc., but do not operate any water supply facilities are excluded.

Many of the larger irrigation organizations deliver water by main supply canals to lateral ditches which are maintained by the water users served. The water users on each lateral may be more or less formally organized to perform any maintenance work required, or to hire such work performed. In some areas, it is the custom for each water user, individually, to maintain the portion of the ditch adjoining his property, without any joint action by the water users as a group. In most cases payments to the main supply organization are made by the water users individually, while in others a lateral organization makes the payment. The instructions to enumerators in 1959 provided that a group of water users operating a lateral ditch were to be counted as a separate organization if either (a) water was obtained from more than one source—that is, from another organization, or directly from a natural source as well as from another organization—or (b) the group collected payments from water users. If all water was obtained from another organization, and no cash payments were collected by the lateral, then the lateral was not to be considered as a separate organization and the water users and land were considered to be served directly by the organization from which the water was obtained.

The procedure for counting laterals did not affect the total acreage reported as irrigated by irrigation organizations although, in some areas, it may have affected significantly the number of mutual unincorporated organizations counted and the acreage served directly by each type of organization. If an irrigation district supplied water to laterals operated as unincorporated mutual organizations, the water users and land were tabulated as served directly by mutuals. If the laterals did not qualify as separate irrigation organizations, however, the water users and land were considered to be served directly by the irrigation organization delivering the water. These same criteria for the enumeration of laterals were generally followed for the 1950 census.

The definition of "irrigation organization" used for the 1959 census is essentially the same as that of "multiple-farm enterprise" used in the 1950 census.

Farm area reported served by organizations.—Farm area served is defined as the area for which farm water users were entitled to receive water in 1959. Land which may have been irrigated in some year previous to 1959, but was not irrigated in 1959, was to be included.

Area reported irrigated by organizations.—Each irrigation organization was asked to report the number of acres actually irrigated in 1959 with water from the organization. Acres irrigated were counted only for the organizations delivering water directly to farm distribution systems. Land eligible to receive water directly (i.e., delivered to farm distribution systems from two organizations) was reported by each, however, and hence is counted twice. The total acres irrigated, as reported by irrigation organizations, often provides an overstatement of the acres actually irrigated. Although defined the same as acres irrigated by multiple-farm enterprises in 1950, the figures reported in the 1959 Census of Irrigation are not strictly comparable with those shown for the 1950 Census of Irrigation because the checking of reports for the 1950 Censuses of Irrigation and Agriculture resulted in the elimination of most of the overstatement of the acres irrigated by irrigation organizations for 1950.

Water users served, total.—A water user is defined as any person or organization, which received water for use on a farm, in a business, or in or around a home. Organizations reporting by mail were not provided with a definition; therefore, the number of water users reported depends on the interpretation of "water user" by the organization.

Farm irrigation water users.—A farm irrigation water user is one who received water for irrigation and who had ten or more acres of land from which in 1959 at least $50 worth of agricultural products were sold, or if he had less than 10 acres at least $250 worth of agricultural products were sold in that year. Users having smaller acreages of land or smaller sales were counted as residential or other water users. This definition was provided only to irrigation enumerators, and was not given to irrigation organizations submitting reports by mail. Although the definition corresponds to that of a census farm, it was recognized that irrigation organizations would be unable to determine which of the water users met the criteria, especially if the service area included many small tracts. Moreover, in some cases, a water user as shown by the records of the irrigation organization, may rent or lease all the acreage he controls to another person and hence not qualify as a census farm for the census of agriculture. The number of farm water users, as obtained in the census of irrigation, often exceeds the number of farms receiving water from irrigation organizations, as reported in the 1959 Census of Agriculture.

Residential water users.—A residential or domestic water user is one who received water for household use and/or to water lawns, flowers, shrubs, and vegetable gardens, but who did not sell enough products to qualify as a farm.

Other water users.—Other water users include industrial plants; recreational activities, such as golf courses; public institutions; etc.

Source of water.—The basic data in regard to irrigation water supplies—from either ground or surface sources—was obtained in the 1959 Census of Agriculture. The agriculture questionnaire contained an inquiry regarding the proportion of the irrigation water used on each farm from ground-water, surface-water, and irrigation-organization sources. Ground-water sources include wells (pumped or flowing) and springs; surface-water sources include streams, lakes, reservoirs, and sewage and drainage ditches. The percentages reported for each source were multiplied by the total area irrigated on each farm, during the office processing of the agricultural questionnaires. An allocation, between ground- and surface-water sources, was made of the water received by farms directly from irrigation organizations. This was accomplished as follows:

1. The irrigated acreage computed for ground, surface, and irrigation-organization sources as shown by the census of agriculture was totaled for each county.

2. The quantity of water received from ground and surface sources as reported by irrigation organizations was tabulated for each drainage basin.

3. The calculated acres of land irrigated by irrigation organizations as shown by data from the census of agriculture was placed on a map with county and drainage basin boundaries. If the county were entirely within a drainage basin, then the acres irrigated from ground and surface sources by irrigation organizations were allocated by multiplying the acres irrigated by the percentage of water irrigation organizations obtained from ground and surface sources in the drainage basin. If only a part of a county were in a drainage basin, then the acres irrigated by water from irrigation organizations as shown for the census of agriculture were allocated to each drainage basin on the basis of total acres irrigated by water from irrigation organizations for the minor civil divisions or other county subdivisions comprising the part of

the county within the drainage basin to the acres irrigated by water from irrigation organizations. The acreage irrigated by water from ground and surface sources was calculated for each drainage basin part of the county in the same way as for counties entirely within a drainage basin.

4. The total acreage irrigated by water from ground and surface sources was obtained by adding the calculated acreage for the counties and parts of counties comprising the drainage basin.

5. Totals for the acres irrigated by water from farm sources, by ground and surface sources were also obtained for each drainage basin by adding the data for the census of agriculture for the counties and parts of counties comprising the drainage basin. When only part of a county was within a drainage basin, the acres irrigated by water from farm sources, was obtained by totaling the acres irrigated for the minor civil division or other county subdivisions in the drainage basin.

6. To obtain totals for acres irrigated by water from ground and from surface sources, totals for water obtained from farm sources were added to the corresponding totals for water obtained from irrigation organization sources.

A conveyance system comprises the canals, pipes, and tunnels of an organization constructed to carry water from one place to another. It does not include drainage ditches not operated as water supply canals, nor reservoirs, nor stream channels.

Water delivered by an irrigation organization, to a water user or to another irrigation organization, means water which flowed from a canal, pipe, or reservoir operated by one organization directly into a canal, pipe, or reservoir operated by a water user or another organization. Water released to a natural stream channel for diversion by a water user or another organization downstream was not considered a delivery by the organization releasing the water; it was considered as spillback.

Quantity of water is given in the tables in acre-feet. An acre-foot of water is the quantity sufficient to cover 1 acre to a depth of 1 foot, or a total of 43,560 cubic feet. Quantities of water reported on the questionnaires in units other than acre-feet were converted to acre-feet.

Drainage basin is the area of land from which water flows into a given stream, lake, or other body of water or into a natural depression. Drainage basins from which water does not flow into streams that lead to the ocean are termed "independent basins."

The drainage basins for which data from the 1959 census have been tabulated are essentially the same as those used in 1950. Before enumeration, these maps were reviewed by field offices of the United States Geological Survey or United States Army Corps of Engineers. Some changes were made for 1959 in the drainage basin boundaries used in 1950 in order to conform more closely with the drainage basin boundaries used by other government agencies and with stream-gaging stations.

Water conveyed represents the net quantity of water entering the conveyance systems operated by irrigation organizations in each of the designated drainage basins. The quantities reported are "net" in that (1) water transferred from one irrigation organization to another is counted only once; and (2) water released from conveyance systems of irrigation organizations to reservoirs, streams, or drainage ditches or for ground-water recharge is not included. The figures include water conveyed only for withdrawal uses. They, therefore, do not include water used or released for navigation, fish and wildlife, pollution control, or hydroelectric power generation in the same drainage basin. (These uses were included in the 1950 Census of Irrigation and account for most of the water then reported for uses other than irrigation in 1950.)

Conveyed water from surface sources within basin.—Surface sources of water include streams, lakes, reservoirs, and sewage and drainage ditches. Surface water, obtained from natural sources by organizations, represents the amount by which irrigation organizations reduced the supplies of surface water in a particular drainage basin. Water obtained from another basin released for any reason to surface sources from the conveyance system of an irrigation organization (considered to be a negative withdrawal) was subtracted from the amount withdrawn from surface sources in the drainage basin where the water is released. When the figures for all organizations in a basin were combined, the amount of such surface water diversions usually exceeded the amount of interbasin water transfers released to streams. However, in some basins the quantity of water transferred from other basins and released to streams was greater than the total surface diversions in the basin by the irrigation organizations in the basin, and in such cases, the quantity of water appears in the table as a negative number.

Water entering conveyance systems.—The total water entering conveyance systems in a drainage basin includes the quantity obtained from natural sources in the basin plus water received from other basins. The total water conveyed is shown in acre-feet.

Conveyed water from ground sources within basin.—Ground-water sources relate to wells (pumped or flowing) and water taken directly from springs. The amount of ground water represents the quantity taken from ground-water sources in each basin by irrigation organizations. In 1950, ground-water sources were defined to include only pumped wells.

Release of water from reservoirs.—Releases of water from reservoirs were reported as surface water only if water were diverted into a canal or piped directly from the reservoir itself. Releases from a reservoir to a stream channel for any purpose were not included. If water released by a reservoir were diverted from the stream below the reservoir the quantity reported as received was the amount diverted from the stream, not the amount released from the reservoir. The point of diversion was taken as the location at which the water entered the conveyance system and this could have been in a drainage basin other than the drainage basin in which the reservoir was located. The quantities of water delivered, conveyance loss, etc., in the tables, therefore, do not include reservoir inflows, releases, evaporation from reservoirs, nor changes during the year in the amount of water held in storage.

The quantity of water received for an organization operating a reservoir for storage purposes represented the amount of water entering the conveyance system plus the conveyance losses from the canal or conveyance system that conveyed the water into the reservoir. Thus water received does not include any allowance for changes in the amount of water in the reservoir nor for losses in the reservoir.

Water from other organizations in the basin.—The amount of water received from other irrigation organizations in the basin represents the quantity of water received into the conveyance systems of irrigation organizations from the conveyance system of other irrigation organizations in the same drainage basin.

Water from natural sources within basin.—This is the sum of the water withdrawn within the basin from surface- and ground-water sources.

Water from another drainage basin.—This represents the quantity of water conveyed into the drainage basin from an adjoining basin in a canal, pipeline, or tunnel operated by an irrigation organization. It includes the quantity of water which flowed across the basin boundary in irrigation conveyance systems, regardless of the use of that water. It does not include water flowing from one drainage basin to another in streams or drainage ditches.

Total water leaving conveyance systems.—The total water leaving conveyance systems of organizations is equal to the total water entering the conveyance systems of the organizations in a drainage basin.

Water delivered to farm irrigation water users represents the quantity of water which was delivered at the turnouts to individual irrigated farms. Any water delivered to farm irrigators and used for livestock or other nonirrigation purposes is also included, but the quantity of water used for these purposes represents a very small part of the total water delivered.

Water delivered to residential water users is the amount of water delivered by irrigation organizations to individual water users for household use and for watering lawns, flower gardens, vegetable gardens, etc. It does not include water delivered to urban water-supply systems.

Water delivered for other uses includes any water delivered by an irrigation organization other than water delivered (a) to farm irrigation water users, (b) to individual residential water users, and (c) to other irrigation organizations. It includes water delivered to municipal and suburban water systems not delivering any water for farm irrigation; water delivered for industrial uses; water delivered to farms which used water for livestock or other nonirrigation uses only; and water conveyed for ground-water recharge. Water for other uses does not include water used for hydroelectric power generation only, or to maintain stream flow, for navigation, fish and wildlife protection, or for pollution control.

Water delivered to other irrigation organizations represents the amount of water conveyed from a pipe, canal, or reservoir operated by one irrigation organization into a pipe, canal, or reservoir operated by another irrigation organization, at points within the drainage basin. The amounts are the same as the quantities reported as received from other irrigation organizations in the same basin.

Water delivered for use in the basin is the sum of deliveries at points within the basin to farm irrigation water users, residential water users, and for other uses.

Water conveyed to another drainage basin is the amount of water conveyed from the drainage basin into an adjoining basin or basins, in the conveyance systems of irrigation organizations. The amount flowing across a drainage basin boundary in the conveyance system of irrigation organizations is counted regardless of its use. The disposition of such water is accounted for in the basin to which it was conveyed.

The figures are identical to those given under "Water conveyed from another drainage basin" but tabulated under the basin from which the water was conveyed. The lines in State table 1, entitled "From drainage basin number" and "To drainage basin number," together with the footnotes referring to those lines show the drainage basins involved in the interbasin transfers.

Conveyance loss in basin.—Conveyance loss is the amount of water lost from evaporation, seepage, and wastage not returned in canals or pipes to streams associated with the conveyance of water during the year in the canals and conveyance systems operated by irrigation organizations between natural sources and points of delivery to water users. Conveyance loss does not include losses from reservoirs, or in natural stream channels, or water released for any reason to streams or reservoirs. Losses in the distribution systems of the water users are not included.

The average delivery per acre is given separately for organizations, which did not report water from other sources used on the same land, and for those which did report water from other sources used on the same land. The organizations which did not report water from other sources used on the same land were classified according to the acre-feet of water delivered per acre irrigated, in order to provide more accurate data on the quantity of water used per acre. The classification of organizations operating in more than one basin was made on the basis of acre-feet of water delivered per acre irrigated for the entire organization rather than just the part within the drainage basin.

New capital investment, 1950–1959.—New capital investment represents the amount spent by irrigation organizations for additional new works and equipment for irrigation and drainage from January 1, 1950, to December 31, 1959. It includes expenditures for new construction, enlargement or improvement of works, or for purchase of additional new equipment. It includes only that portion of the cost of multiple-purpose works chargeable to the irrigation and drainage of farm and ranch lands, and the portion financed by the irrigation organization of the cost of works built jointly with another organization. It does not include expenditures for repairs and replacements, operation and maintenance, payment for works constructed before 1950, purchase of water rights, land, or stock or shares in another organization, or contracts or repayment for the purchase of works constructed by the U.S. Bureau of Reclamation or by any other irrigation organization. For new irrigation organizations with irrigation works under construction, the amount spent on both the completed and uncompleted parts of the works from January 1, 1950, to December 31, 1959, were included. However, new capital investments for any organizations that did not deliver water in 1959 were not included.

Each organization was asked to report only its expenditures for works and equipment by itself and not to include expenditures made by any other organization on works which the organization operated in 1959. In the case of works built by the Bureau of Reclamation but now operated by water users organizations, the amount of the expenditures made by the Bureau of Reclamation on the project from January 1, 1950, to December 31, 1959, was obtained from the bureau and included with the expenditures of the water users organizations. In summary table 18, expenditures made by the Bureau of Reclamation are shown separately from those made by other organizations.

For interbasin organizations the new capital investment was tabulated for the drainage basin in which the investment was made.

Type of organization.—The types of organization under which the data are classified are as follows:

Mutual or cooperative organizations.—Mutual or cooperative organizations are private (nongovernmental) organizations controlled or operated by two or more water users primarily to supply water to their own farms. They do not include district enterprises organized under special State laws. They do not have the power to levy taxes and they are operated for the benefit of water users rather than for the profit of owners. If 50 percent or more of the acreage irrigated was not in the farms of the water users who controlled and operated the enterprise, the organization was classified as "commercial." Mutual or cooperative organizations include partnerships of two or more farms which operate irrigation supply works or equipment; groups of water users informally associated under verbal or written agreements; mutual irrigation or water companies; water users associations; "lateral" companies; community ditches or "acequias" organized originally in accordance with old Spanish, Mexican, or Indian customs. Mutual or cooperative organizations may be either unincorporated or incorporated.

District organizations.—District organizations are public corporations established under special State laws to serve particular purposes. A district organization may serve purposes other than irrigation of farm lands and may be known under a variety of names other than "irrigation district," such as conservancy district, water improvement district, water storage district, and State reclamation district. Reclamation districts organized under State laws should not be confused with the United States Bureau of Reclamation projects.

United States Bureau of Reclamation organizations.—As the name implies, United States Bureau of Reclamation organizations include the projects operated by the United States Bureau of Reclamation. If the operation of works constructed by the Bureau of Reclamation had been transferred entirely to a water-users organization, the organization was classified according to the successor type of water-users organization such as district or mutual. If part of the works of the irrigation project were operated by the Bureau of Reclamation and part by a water-users organization, the parts operated by each were reported as separate organizations. In summary tables 10 and 17, data for United States Bureau of Reclamation constructed projects transferred to water users for operation are shown separately. The data for these projects are also included with the type of organization in which the water-user organization was classified in 1959. The purpose for presenting these data separately is to give, as nearly as possible, complete information for all irrigation organizations built by the Bureau of Reclamation.

United States Bureau of Indian Affairs organizations.—These are organizations which were operated by the United States Bureau of Indian Affairs of the United States Department of the Interior.

Commercial organizations are privately operated organizations (by individuals, partnerships, or corporations) with 50 percent or more of the acreage irrigated in farms of water users who do not share in the control and operation of the organization. In some cases, commercial organizations are public utilities regulated by a State commission or by the governing board of a county.

State organizations are those operated by a State agency of any kind.

City or town organizations are those operated by municipalities usually in combination with a domestic water-supply system. If a city or town water-supply organization supplied water for the irrigation of 100 or more acres of agricultural land, it was enumerated as an irrigation organization.

Irrigation organizations by type of service provides a classification of organization by the extent to which water was conveyed by more than one organization between its diversion from a natural source and its delivery to individual water users. The irrigation organizations are classified according to the origin of water conveyed by the organization—that is, (1) all water from ground and surface sources only, (2) all water from irrigation organizations, (3) all water from ground and surface sources, and (4) organizations which conveyed no water in 1959. Organizations which conveyed no water in 1959 are those which operated reservoirs but not conveyance facilities.

Total water conveyed was obtained by adding together the amount of water obtained from surface- and ground-water sources and the amount received from other organizations. This procedure, therefore, caused a double counting of the water obtained from the other organizations if the water were included in the total conveyed by the receiving organization.

Because of the method of handling interorganization transfers released to streams, and organizations receiving water from other organizations and releasing part or all of the water to natural stream channels, negative quantities appear for the quantity of water "From surface and ground water sources," when the amount of water released to streams exceeds the quantity of water taken from sources within the basin or State.

Water from other sources.—The purpose of the question "Was any water from other sources or other organizations also used in 1959 to irrigate the same farm and ranch lands to which water was delivered by this organization?" was to provide a basis for selecting organizations which furnished all the water for irrigating farm and ranch lands in order to make tabulations of acres irrigated and water use for such organizations. The classification of organizations by acre-feet of water used per acre was made only for those organizations reporting that they provided all the water used by the farms they served.

Size or organization.—Data are presented for three measures of the size of irrigation organizations. These measures are number of farm irrigation water users served directly, number of acre-feet of water delivered directly to farms, and number of acre-feet of water conveyed.

In the case of organizations operating in more than one drainage basin, all measures of size relate to operations of the irrigation organization in all basins rather than to the operations within one drainage basin.

Comparability of data for prior censuses and for the census of agriculture.—The comparability of data for the various censuses of irrigation have been affected by changes in definitions and procedures. The data for the census of irrigation and the census of agriculture are not fully comparable, because of differences in definition and the extent of reconciliation made in reports for the two censuses. The following discussion relates to most of the important differences in comparability.

Quantity of water by drainage basins, 1959 and 1950.—In 1959, a report was obtained for each irrigation organization for the quantity of water delivered to farm water users for each drainage basin. For 1950, data were not obtained from each irrigation organization for each drainage basin for the quantity of water delivered to farms. In 1950, irrigation organizations operating in more than one county or drainage basin reported 47 percent of all water delivered to farms and other irrigation organizations. For these organizations the quantity of water delivered to farms was allocated to drainage basins in proportion to the acreage irrigated by such organizations in each drainage basin. In 1950, no allocation was made by drainage basins of the quantity of water obtained from ground and surface sources, the quantity of water lost in conveyance, and the quantity delivered to other irrigation organizations. In the drainage basins, where a substantial part of the water is obtained from sources outside the drainage basin, the data for 1959 and 1950 are not fully comparable.

Farms or farm water users supplied by irrigation organizations and the number of farms reporting water received from irrigation organizations.—An examination of data for the number of water users or farms provided with irrigation water as reported by irrigation organizations and the number of farms receiving water from irrigation organizations for the census of agriculture indicates that the data from the two sources are not comparable. For example, for 1959, the number of farm water users as reported by irrigation organizations for the 18 States was 383,654. The number of farms reporting water received from irrigation organizations as shown by the census of agriculture for the 18 States was 153,704. In many cases, irrigation organizations count as the number of farm users, the number of stockholders, the number of ownership units, the number of persons paying bills, or the number of tracts eligible to receive water as the number of farm water users. When two or more irrigation organizations furnish water to the same water user, the water user is counted by each organization supplying the water. Undoubtedly some of the farm water users reported by irrigation organizations were landlords not operating a farm. In the census of agriculture, one farm operator often operates several tracts and rents land from several owners, or obtains water from more than one irrigation organization. In the census of agriculture, such a farm operation is counted as one farm. On the other hand in the census of irrigation, each owner of land or tract may be counted as a separate farm water user.

For the 1950 census, the number of farms receiving water as reported by each irrigation organization was checked against the records for the farm operators reporting water received from the irrigation organization as shown by the census of agriculture.

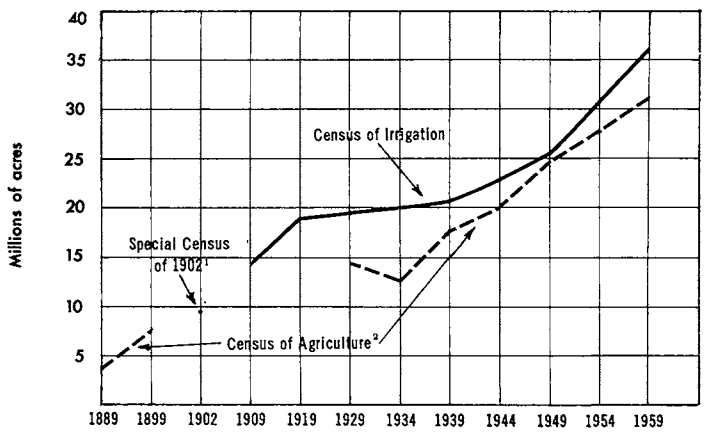
The checking resulted in the number of farms reported as receiving water from irrigation organizations being reduced from approximately 400,000 to 246,000. Because of the correction in the number of farms furnished irrigation water as shown by reports of the census of irrigation as the result of the matching of reports for the census of irrigation with the reports of the 1950 Census of Agriculture, the number of irrigated farms shown for the 1950 Census of Irrigation is not comparable with number of farm irrigation water users reported for irrigation organizations in 1959 nor with the number of farm water users or irrigated farms reported for irrigation organizations for other censuses.

Acres irrigated as shown by census of irrigation and census of agriculture.—For every census, the area irrigated as reported by irrigation organizations has exceeded the acres irrigated as reported by the census of agriculture. The area irrigated as reported by irrigation organizations has been overstated for every census. The overstatement arises from two sources:

1. Some irrigation organizations report the area assessed for water, the area eligible to receive water, or the total area in farms receiving water. Usually these areas are considerably greater than the area irrigated during a year.

2. In some cases, two or more irrigation organizations provide water used to irrigate the same area. In such cases, the same area is counted by each of the organizations supplying the water.

ACREAGE OF IRRIGATED LAND FOR THE 17 WESTERN STATES AND LOUISIANA



[1]Total irrigated land, all States.
[2]In 1889, 1899 and 1944 through 1959, all irrigated land in farms; 1929 and 1934, acreage of irrigated crops only; 1939, acreage of irrigated crops plus irrigated pasture. Data for 1909 and 1919 not available.

A comparison of the area reported as irrigated by each irrigation organization and the area reported as irrigated by the farm operators receiving water from the organization was made for the 1950 census. This comparison resulted in the reduction of approximately 7 percent in the acreage irrigated as reported by irrigation organizations. In 1959, approximately one-seventh of all the irrigation organizations provided water to farms that also received irrigation water from other irrigation organizations. These irrigation organizations provided water for one-fifth of the area irrigated by irrigation organizations in 1959. However, the area receiving irrigation with water from two or more irrigation organizations represented about one-fifth of the area irrigated by all irrigation organizations.

For 1950, the overstatement of the area irrigated plus the duplication in the counting of the area irrigated by water from two or more irrigation organizations was equal to 12 to 15 percent of the area irrigated as originally reported by irrigation organizations for 1949.

For 1959, irrigation organizations reported 17.7 million acres irrigated. The calculations of area irrigated by water furnished by irrigation organizations for farms included in the census of agriculture was 12.9 million acres. Part of the 4.8 million acre difference is the result of the counting by each irrigation organization of areas to which two or more irrigation organizations provided water, and part of the difference is the result of the overstatement of areas irrigated by irrigation organizations. Also, it is very likely that the method used in the 1959 Census of Agriculture for calculating acres irrigated by water furnished farms by irrigation organizations may have resulted in an understatement of the area actually irrigated. There were 27,102 farms, representing 10.1 percent of all the farms with irrigation in the 18 States that obtained water from on-the-farm sources and also from irrigation organizations. The total acres irrigated on these farms was 5.3 million, of which 2.6 million acres were allocated as irrigated by water from irrigation organizations. On many farms, where irrigation water is obtained from irrigation organizations, the cost of water from irrigation organizations is likely to be less than the cost of water obtained from wells, etc. Because of the differences in cost and in the availability of water during the irrigating season, it is very likely that the proportion of the area irrigated with water from irrigation organizations may be considerably greater than the proportion of water obtained from such source.

Because of the correction of the area irrigated by irrigation organizations on the basis of detailed comparisons of the reports for each irrigation organization with the records for the 1950 Census of Agriculture, the figures for the area irrigated by water from irrigation organizations for 1950 are not comparable with those for 1959 nor with those for 1940 and prior censuses. The difference between the area irrigated as shown by the 1959 census and the 1950 census for irrigation organizations overstates significantly the increase in the acreage irrigated by water furnished by irrigation organizations.

Irrigation in Hawaii.—The first census of irrigation organizations was taken for 1959. The figures for Hawaii have not been included with those of the 18 States in conterminous United States because comparative data are not available for prior censuses. There were 16 organizations qualifying for the census of irrigation in Hawaii in 1959; these 16 organizations provided water for 86,949 out of the 141,179 acres irrigated in 1959 in Hawaii. The following table presents a summary of the more significant data for Hawaii. Of the 16 irrigation organizations in Hawaii, 10 were operated by commercial organizations and 6 by the State, cities, and other agencies.

SUMMARY FOR IRRIGATION ORGANIZATIONS IN HAWAII: 1959

Item (For definitions and explanations, see text)		Hawaii
Total acres irrigated in census year	1959	141,179
Irrigation organizations	organizations 1959	16
Service area, 1959:		
Farm area reported served, by organizations	acres 1959	244,888
Farm area reported irrigated, by organizations	acres 1959	85,251
Water users served, total	water users 1959	50,763
Farm irrigation water users	water users 1959	729
Residential water users	water users 1959	49,342
Other water users	water users 1959	692
LAND IRRIGATED BY SOURCE OF WATER, 1959		
Ground water sources	acres	74,000
Surface water sources	acres	67,000
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959		
Total entering conveyance system in basin	organizations	16
	acre-feet	1,007,106
From natural sources within basin	organizations	16
	acre-feet	1,007,106
Surface water	organizations	14
	acre-feet	437,395
Ground water	organizations	11
	acre-feet	569,711
Total leaving conveyance systems	organizations	16
	acre-feet	1,007,106
Conveyance loss in basin	organizations	10
	acre-feet	122,596
Delivered for use in the basin	organizations	16
	acre-feet	884,510
To farm irrigation water users	organizations	16
	acre-feet	803,333

SUMMARY FOR IRRIGATION ORGANIZATIONS IN HAWAII: 1959—Con.

Item (For definitions and explanations, see text)		Hawaii
AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959		
Per acre irrigated as reported by organizations	acre-feet	9.4
NEW CAPITAL INVESTMENT, 1950–1959		
Expenditures for additional new works and equipment for irrigation and drainage Jan. 1, 1950–Dec. 31, 1959	organizations	8
	dollars	5,614,476
ACRES IRRIGATED		
Total acres irrigated	farms reporting	1,251
	acres	141,179
Acres irrigated by sprinklers	farms reporting	546
	acres	16,065
Sprinklers only	farms reporting	475
	acres	13,169
LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959		
Ground water sources on farm	farms reporting	219
	acres	26,086
Ground water sources on farm only	farms reporting	166
	acres	9,449
Surface sources on farm	farms reporting	334
	acres	28,144
Surface sources on farm only	farms reporting	289
	acres	13,121
Irrigation organization sources	farms reporting	781
	acres	86,949
Irrigation organizations sources only	farms reporting	713
	acres	81,788
Both farm ground water sources and surface sources	farms reporting	15
	acres	14,909
Both irrigation organization and farm ground water or farm surface sources	farms reporting	68
	acres	21,912

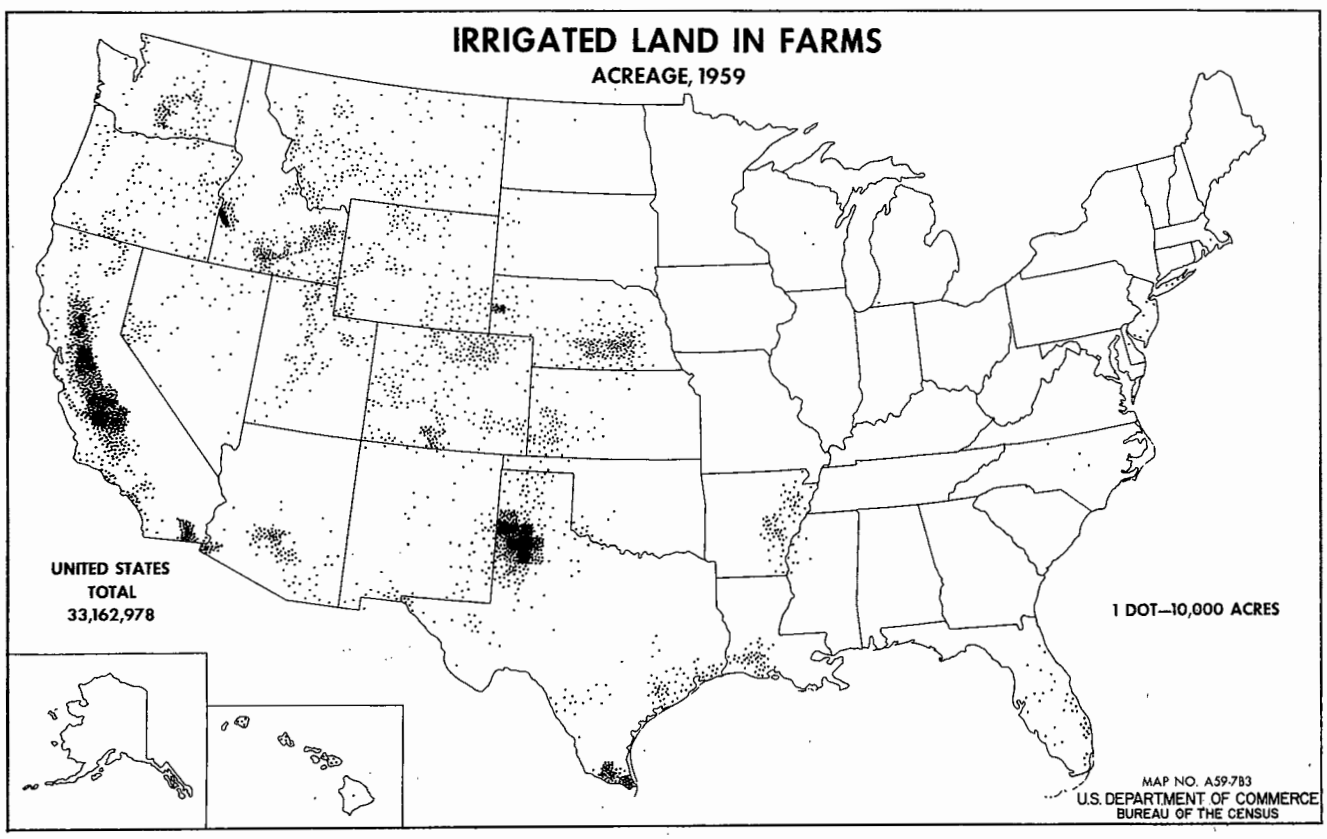
No data are available by drainage basins for Hawaii. Some irrigation works of considerable size are operated by sugarcane plantations to provide water for a single farm. Data for those irrigation operations for a single farm are not included in the data for irrigation organizations for Hawaii.

Irrigated land in sugarcane, vegetables, and pineapples accounts for more than four-fifths of the total acres irrigated in Hawaii. Detailed data regarding irrigated farms and the acreage and production of crops on irrigated land may be found in county tables 1a and 11a of part 50 of volume I of the reports for the 1959 Census of Agriculture.

SUMMARY

This summary presents both current and historical data pertaining to irrigated farms and irrigated land in farms obtained in the 1959 and earlier censuses of agriculture; and data pertaining to irrigation organizations from the 1959 and earlier censuses of irrigation; and data pertaining to irrigation water obtained in the 1959 and earlier censuses, both agriculture and irrigation.

Irrigated land in farms.—The acreage irrigated in 1959 for the 48 conterminous (Alaska and Hawaii are excluded) States was 33,021,799 acres according to the 1959 Census of Agriculture. This was 11.7 percent greater than the 29,552,155 acres reported in 1954 and 28 percent greater than the 25,787,455 acres reported in 1950 for the calendar year 1949. For the 17 conterminous Western States and Louisiana, the 1959 irrigated area amounted to 31,222,967 acres, or 94.6 percent of the irrigated acreage for the 48 conterminous States. The increase in irrigated acreage for the 18 States was 12.8 percent from 1954 to 1959 and 25.7 percent from 1949 to 1959.



The change in irrigated acreage in the 18 States varied considerably by geographic areas. Of the 6.4 million acres net increase from 1949 to 1959, 42.2 percent occurred in the Plains States of Texas and Oklahoma; 29.4 percent in the Northern Plains States of Nebraska, Kansas, North and South Dakota; and 22.8 percent in three Pacific States of California, Washington, and Oregon. In the eight Mountain States, the net increase was only 452,228 acres or 7.1 percent of the total increase in the 18 States. Decreases were reported for Colorado, Nevada, and Utah, and also for Louisiana.

The largest acreage expansion in the 10-year period in any individual State was recorded in Texas with an increase of 2,524,104 acres, or 80.6 percent increase in the irrigated acreage from 1949 to 1959. Nebraska had an increase of 1,201,667 acres, or 137.1 percent, and California an increase of 957,246 acres, or 14.9 percent from 1949 to 1959.

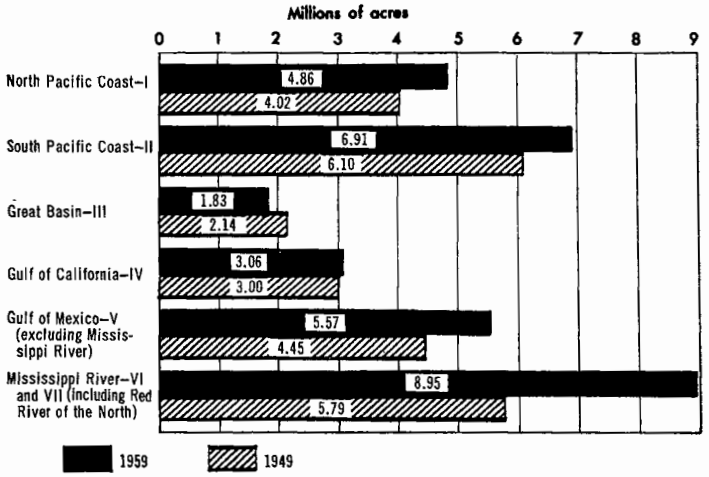
IRRIGATED LAND IN FARMS: 1959, 1954, AND 1949

Area or State	1959 (acres)	1954 (acres)	1949 (acres)
48 conterminous States, total	33,021,799	29,552,155	25,787,455
18 specified States, total	31,222,967	27,678,507	24,847,341
Northern Plains States	3,003,312	1,630,963	1,128,308
North Dakota	47,656	37,672	35,294
South Dakota	115,629	90,371	78,069
Nebraska	2,077,926	1,171,369	876,259
Kansas	762,101	331,551	138,686
Southern Plains States	5,853,270	4,815,179	3,165,605
Oklahoma	197,632	108,151	34,071
Texas	5,655,638	4,707,028	3,131,534
Louisiana	484,850	707,818	576,775
Mountain States	12,094,712	11,207,997	11,642,484
Montana	1,874,520	1,890,671	1,716,792
Idaho	2,576,580	2,324,571	2,137,237
Wyoming	1,469,911	1,262,632	1,431,767
Colorado	2,684,757	2,262,921	2,872,348
New Mexico	731,835	649,615	655,287
Arizona	1,152,450	1,177,407	963,560
Utah	1,061,683	1,072,682	1,137,995
Nevada	542,976	567,498	727,498
Pacific States (conterminous)	9,786,823	9,316,550	8,334,169
Washington	1,006,969	778,135	589,035
Oregon	1,384,284	1,490,366	1,306,810
California	7,395,570	7,048,049	6,438,324

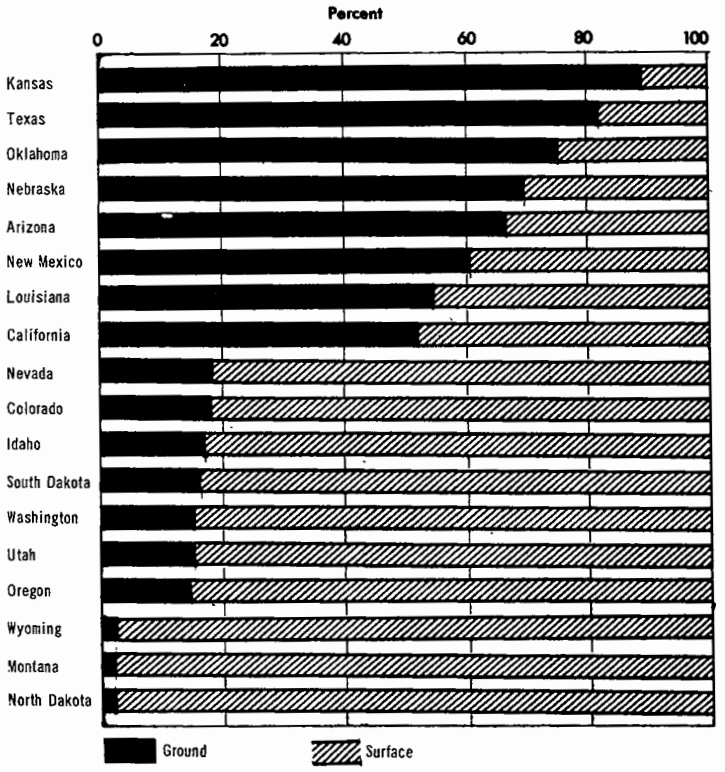
For the major drainage basins, the Mississippi River Basin, which includes all the Plains States except for the southern part of Texas, with 8.97 million acres, had the largest irrigated acreage, and its increase of 3.16 million acres over 1950 was the largest in any of the basins. The Great Basin had a small decrease in irrigated acreage from 1949 to 1959.

The different regional trends in the number of acres irrigated have been affected by a number of factors. The increase in Nebraska, Kansas, Oklahoma, and Texas has been largely due to the development of ground-water supplies. In the Northern Plains States, irrigation expansion was in part the result of the development of large-scale public projects. In the Mountain States, ground-water supplies are not as plentiful as in the Plains States and surface-water supplies were more fully developed before 1950. Irrigation growth in the Pacific States has resulted from the availability of both ground- and surface-water supplies and the development of large-scale public irrigation projects. The decrease of irrigated acreage in Louisiana is largely the result of lower rice acreage, while the decrease in irrigated acreage in the Great Basin was largely the result of a water shortage in 1959.

ACREAGE OF IRRIGATED LAND BY MAJOR DRAINAGE BASINS IN THE 17 CONTERMINOUS WESTERN STATES AND LOUISIANA: 1959 AND 1954



PERCENTAGE DISTRIBUTION OF TOTAL ACRES IRRIGATED, BY SOURCE OF WATER, BY STATES: 1959



Sources of irrigation water.—According to the 1959 Census of Agriculture, of the total of 31,222,967 acres irrigated in the 18 States, 13,243,912 acres, or 42.4 percent, were irrigated from ground-water sources on the farm; 5,081,250 acres, or 16.3 percent, were irrigated from surface-water sources on the farm; and 12,897,805 acres, or 41.3 percent, were irrigated by water received from irrigation organizations.

The irrigation organizations obtained the major portion of their water from surface-water sources. In the 18 States, the irrigation organizations reported 72,997,259 acre-feet of water were obtained from natural sources. Of this amount, 68,685,789 acre-feet, or 94 percent, was from surface sources.

Arizona, Louisiana, and California are the only States in which the proportion of ground water obtained by irrigation organizations exceeded the average for the 18 States. In Arizona, irrigation organizations obtained 39 percent of the water from ground-water sources; in Louisiana, irrigation organizations obtained 16.4 percent; and in California, irrigation organizations secured 9.6 percent of the total water from ground-water sources.

To determine the total farm acreage irrigated from ground and surface sources, the acreage irrigated by organization water in each drainage basin was divided between ground and surface

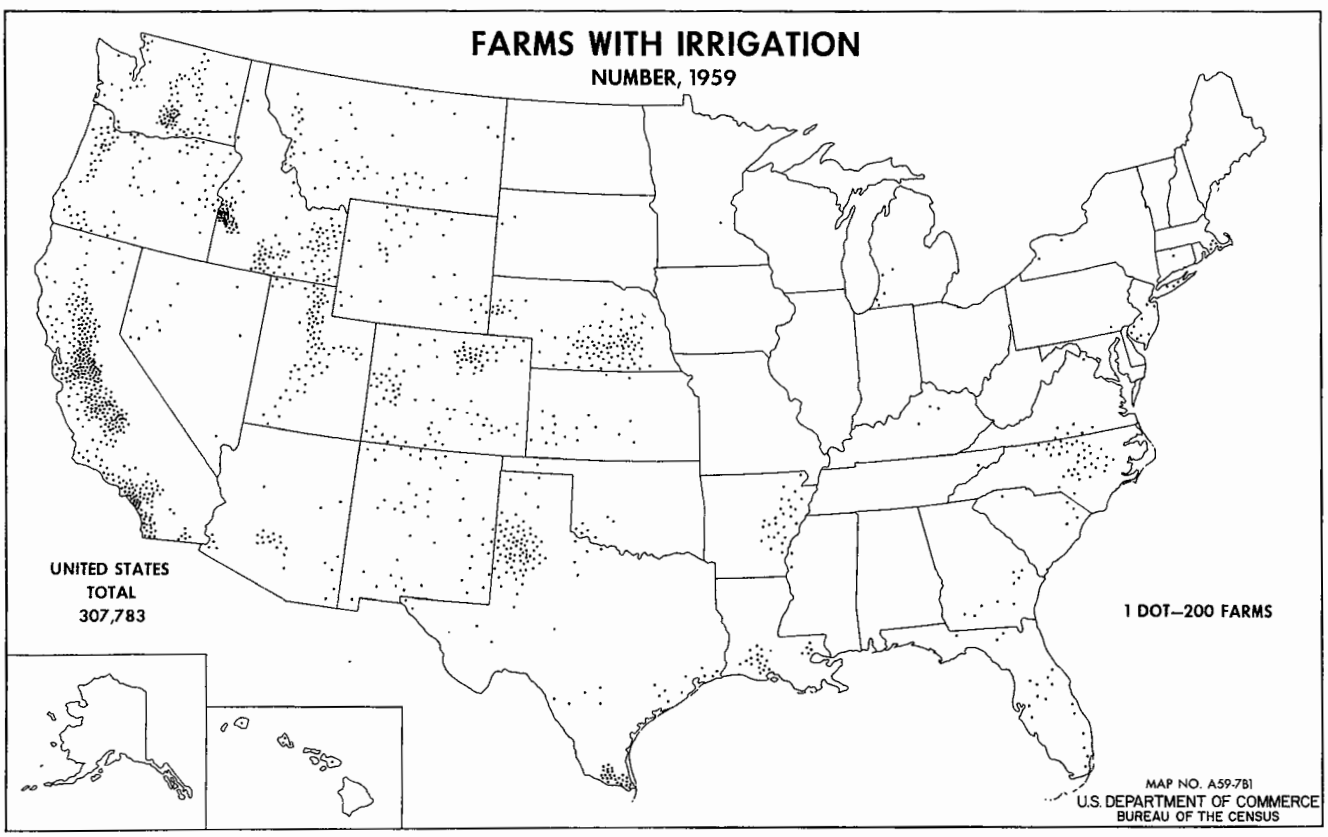
sources in proportion to the amount of water obtained from each source by the irrigation organizations and these figures were added to the acreage irrigated from farm ground and surface sources. In this manner, the total farm acreage irrigated from ground-water sources was determined to be approximately 14.0 million acres or about 45 percent of the total acres irrigated. The total farm acreage irrigated from surface-water sources equaled about 17.2 million acres or about 55 percent of the total acres irrigated.

The percentage of the irrigation water which originated from ground or surface sources varied greatly among the 18 States. In Kansas 88.7 percent of the irrigation water was secured from ground sources. The corresponding percentages for North Dakota and Montana were 2 percent. The States with over 50 percent of the irrigation water received from ground sources were the Plains States of Nebraska, Kansas, Oklahoma, and Texas; and Arizona, New Mexico, and Louisiana. In each of the other 10 States, the proportion of the water from ground sources was less than 20 percent.

Irrigated farms.—There were 306,532 farms in the conterminous United States with irrigated land in 1959 according to the 1959 Census of Agriculture. In 1954, irrigated land was reported by 320,236 farms and in 1950 by 305,061 farms. The number of irrigated farms was almost the same in 1959 as in 1950 but the number decreased 4.3 percent between 1954 and 1959. In the 18 States the number of irrigated farms in 1959 was 7.4 percent smaller than in 1950 and 6.8 percent smaller than in 1954. The number of irrigated farms decreased in all the Mountain States and in California and Louisiana. In each of the Plains States and Washington there was an increase in the number of irrigated farms from 1954 to 1959.

NUMBER OF IRRIGATED FARMS AND PERCENT OF ALL FARMS WITH IRRIGATION: 1959, 1954, AND 1950

Area or State	Number of irrigated farms			Percent of all farms reporting irrigation		
	1959	1954	1950	1959	1954	1950
48 conterminous States, total	306,532	320,236	305,061	8.3	6.7	5.7
18 States, total	267,431	286,793	288,914	25.6	22.2	20.2
Northern Plains States	25,001	16,558	11,957	8.2	4.8	3.2
North Dakota	471	399	304	0.9	0.6	0.5
South Dakota	1,002	923	807	1.8	1.5	1.2
Nebraska	18,936	12,500	9,680	20.9	12.4	9.0
Kansas	4,592	2,736	1,166	4.4	2.3	0.9
Southern Plains States	30,365	27,935	21,893	9.4	6.8	4.6
Oklahoma	2,481	1,620	466	2.6	1.4	0.3
Texas	27,884	26,315	21,427	12.3	9.0	6.5
Louisiana	4,817	6,897	7,438	6.5	6.2	6.0
Mountain States	96,094	112,231	122,280	64.5	62.3	62.8
Montana	11,935	13,114	13,457	41.2	39.7	38.4
Idaho	25,383	28,218	29,413	75.4	72.8	73.0
Wyoming	6,412	7,130	7,831	65.8	62.5	62.1
Colorado	20,312	23,355	27,121	60.8	57.3	59.5
New Mexico	8,850	11,690	12,691	55.6	55.5	53.8
Arizona	5,391	6,809	7,822	74.5	73.1	75.1
Utah	15,701	19,406	21,126	88.2	85.0	87.4
Nevada	2,110	2,509	2,819	89.6	87.8	90.6
Pacific States (conterminous)	111,154	123,172	125,346	57.5	50.8	47.0
Washington	19,292	18,844	16,928	37.4	28.9	24.2
Oregon	17,724	19,826	17,663	41.6	36.4	29.5
California	74,138	84,502	90,755	74.7	68.7	66.2



In the areas showing a decrease in the number of irrigated farms, the decline was largely the result of the consolidation of farms into larger operating units. The States with an increase in the number of irrigated farms also showed an increase in irrigated acreage. In the States with an increase in the number of farms with irrigation, irrigation was introduced on some of the existing farms and in some cases the introduction of irrigation resulted in the division of existing dryland farms into a larger number of smaller irrigated farms. With the exception of Arizona and Nevada, a larger proportion of the farms in each of the 18 States had irrigation in 1959 than in 1950.

Irrigation organizations.—A total of 8,749 irrigation organizations was included in the 1959 Census of Irrigation in the 17 conterminous Western States and Louisiana. This compares with 10.491 organizations in 1950. In Kansas, North Dakota, and South Dakota there was a larger number of irrigation organizations in 1959 than in 1950.

Types of irrigation organizations.—The number of mutual organizations reported in 1959 was 7,726. Of these, 4,989 were classified as unincorporated and 2,737 as incorporated. The total number of mutual organizations had declined from 9,348 in 1950 when there were 6,464 unincorporated organizations and 2,884 incorporated organizations.

The number of mutual organizations, incorporated and unincorporated combined, decreased in 16 States. The decrease in the number of mutual organizations resulted from several factors. In California, the agricultural lands of many of the smaller organizations have been converted to urban uses. In New Mexico, many of the small organizations did not have a water supply in 1959 and, therefore, were not included in the census. In all States, some of the small mutual organizations which had served two or three farms in 1950, did not qualify for inclusion in the 1959 census because of the consolidation of the farms served by them.

The combined irrigated acreage reported by both the unincorporated and the incorporated mutuals equals 8.8 million acres. This is larger than the irrigated acreage reported by any other type of organization. However, the 6.9 million acres reported irrigated by irrigation districts is greater than the acreage reported by either type of mutual organization alone.

There were 558 irrigation districts reported in the 1959 Census of Irrigation which was an increase from 483 in 1950. The number of irrigation districts increased in 10 of the 18 States. In Nevada, the number was identical for both 1950 and 1959. There were no irrigation districts in Louisiana.

The number of projects or storage systems (see page xvi "Organizations included" for definition of project) operated by the Bureau of Reclamation increased from 37 in 1950 to 54 in 1959. The 54 projects reported 710,904 acres irrigated; however, these figures do not represent the total contribution of the Bureau of Reclamation to irrigation. Usually as the Bureau of Reclamation completes a project, the project is turned over to a water-users organization for operation. These organizations were enumerated under the type of organization they represented (in most cases, irrigation districts). In the 1959 Census of Irrigation, there were 147 organizations which had been built by the Bureau of Reclamation but were then operated by water-users organizations. These 147 organizations reported 3.3 million acres irrigated. This represents the total number of organizations for which the irrigation facilities were built by the Bureau of Reclamation and turned over to water users for operation.

The number of commercial organizations in the 18 States, dropped from 401 in 1950 to 246 in 1959. There was a decrease in the number of commercial organizations in both Louisiana and California, the only States where commercial organizations are important. The decrease in the number of organizations in California was largely the result of farm lands being taken over for urban and suburban development. In Louisiana, a number of commercial irrigation organizations did not qualify for inclusion in the census because they provided water for only one farm.

According to the 1959 Census of Irrigation, there were 123 United States Bureau of Indian Affairs irrigation projects. This was a decline from the 141 reported in 1950. The decrease resulted largely from differences in counting projects as independent irrigation organizations, when some of the projects were controled by the same part of the Bureau of Indian Affairs.

Interrelationships between irrigation organizations.—Many irrigation organizations do not deliver all of their water for irrigation direct to farms, but rather deliver part or all to other irrigation organizations which may deliver to farms or which in turn may deliver water to still other irrigation organizations.

Out of the 8,749 total irrigation organizations, reported in the 18 States, 5.2 percent received part of their water from other organizations, and 8 percent received all of their water from other organizations. In the 18 States, irrigation organizations reported 56.1 million acre-feet of water delivered to farm and residential water users. Of this amount 18.8 percent was delivered by organizations which obtained part of their water from other organizations, and 7.5 percent was delivered by organizations which received all of their water from other organizations.

The delivery of part of the water to other organizations was reported by 379 organizations or 4.3 percent of all organizations. The delivery of all water to other organizations was reported by only 67 organizations. Organizations supplying part of their water to other organizations delivered 8.7 million acre-feet of water to those other organizations or 9.5 percent of the total water conveyed, including water delivered to other organizations. Organizations, delivering all of their water to other organizations supplied 9.9 million acre-feet of water or 10.8 percent of the total water conveyed.

Size of organization.—Data are presented for the three measures of size of organizations. Acre-feet of water conveyed constitutes the most accurate measure of size. Of the 8,749 irrigation organizations in the 18 States, 8,669 conveyed water (the other 80 operated reservoir facilities and released all water to natural stream channels). The 8,669 organizations which conveyed water, reported an average of 10,571 acre-feet of water conveyed. This average includes quantities delivered to other organizations. More irrigation organizations were in the size group conveying 300 to 999 acre-feet of water than in any other size group. There were 1,707 organizations which conveyed 1 to 299 acre-feet and 2,059 organizations which conveyed between 1,000 to 2,999 acre-feet. There were 132 organizations which conveyed over 100,000 acre-feet of water.

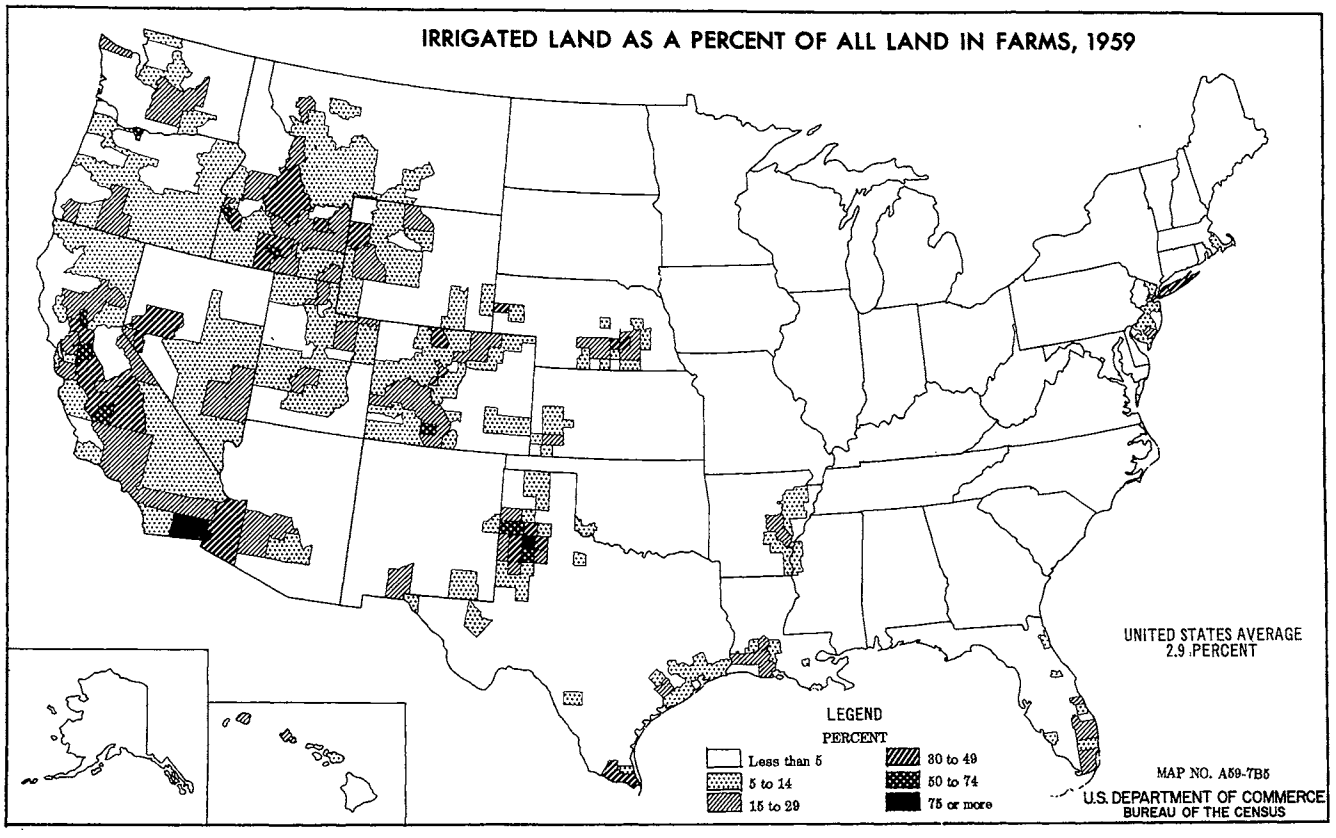
Capital investment.—The data given for capital investment of irrigation organizations are not precise. In the 1940 Census of Irrigation the organizations were asked to report the total investment in their works and equipment as of December 31, 1939. In the censuses of 1950 and 1959 the organizations were asked to report only capital investments made during the 10-year period preceding the census. These figures which have been added together to obtain total capital investment and the total have not been adjusted to take into account changes on the price level. The amounts of investment reported by the smaller organizations are largely estimates. Many changes in ownership, organization, and method of computing the valuation have influenced the accuracy of the figures for capital investment.

Farms by extent of irrigated crops.—For tabulation purposes, farms in the 18 States were classified into four groups: (1) Farms with all crops irrigated, (2) farms with part of the crops irrigated, (3) farms with land irrigated and no crops harvested from irrigated land, and (4) farms with no irrigated land. The summary for these four groups of farms for the 18 States for 1959 follows:

Item	All farms	Farms with all crops harvested, irrigated	Farms with part of crops harvested, irrigated	Farms with irrigated land, but no crops harvested from irrigated land	Farms with no irrigated land
Number of farms	1,044,166	178,029	64,404	24,998	776,735
Land in farms—acres	714,860,571	105,108,816	92,395,396	15,826,185	501,530,174
Land irrigated—acres	31,222,967	22,142,351	8,133,410	947,206	----------
Cropland harvested, total—acres	144,414,833	18,747,587	19,089,304	644,946	105,932,996
Irrigated—acres	26,198,581	18,747,587	7,450,994	----------	----------
Not irrigated—acres	118,216,252	----------	11,638,310	644,946	105,932,996
Land other than cropland harvested irrigated—acres	5,024,386	3,394,764	682,416	947,206	----------

Of the 1,044,166 farms in the 18 States, only 267,431 reported land irrigated in 1959 and only 31.2 million acres were irrigated of the 715 million acres of land in farms in these States. Irrigated farms in these States contained over 213 million acres of land. In 1959, crops were harvested from 26.2 million acres of the 31.2 million acres irrigated. The 5 million acres of irrigated land from which no crops were harvested were largely irrigated pastureland, although a part of the acreage was irrigated land in cultivated summer fallow.

In the 18 States there were 144.4 million acres of land from which crops were harvested but only 26.2 million acres, or 18 percent, were irrigated in 1959. Approximately 68 percent (26.2 million acres) of the 38.5 million acres of land from which crops were harvested on farms with irrigation were irrigated in 1959. There were 178,029 farms on which all crops harvested were irrigated. Those farms had 71 percent of all irrigated land and 72 percent of the irrigated land from which crops were harvested. There were 24,998 farms with no crops harvested from irrigated land in 1959. These farms had 947,206 acres of irrigated land and nearly 645,000 acres of land from which crops were harvested. A large part of the irrigated land on these 24,998 farms was used for pasture.



In order to facilitate the tabulation of census data on crops, farm operators were asked to indicate which crops on their farms were entirely irrigated in 1959 and to report the acreage irrigated for those crops which had only a part of the harvested acreage irrigated in 1959.

There were approximately 26.2 million acres of crops harvested from irrigated land in the 18 States. Only data for the acreage harvested are available for the crops for which only part of the acreage harvested was irrigated, since farm operators were not asked to report separately the quantity harvested from the irrigated land if only a part of the acreage for a crop was irrigated.

The data in summary table 4 for crops harvested on irrigated farms relate only to the crops for which the entire area harvested was irrigated. The entire acreage harvested and the production were included in the totals for nonirrigated crops when only part of the acreage of the crop on a farm was irrigated. The figures for nonirrigated crops include about 2.9 million acres of irrigated crops for 1959 and more than 2.0 million acres of irrigated crops for 1954. This procedure should be kept in mind if the figures are to be used in making comparisons of relative yields for irrigated and nonirrigated crops. Since the acreage irrigated is not available for those crops for which only a part of the acreage harvested was irrigated in 1954, the data in summary table 4 cannot be used to measure the change from 1954 to 1959 in the irrigated acreage of each crop harvested. Summary table 3 presents the total acres irrigated for each crop in 1959 and also the acreages irrigated for those crops for which only a part of the acreage was irrigated in 1959. Six crops—sorghums (755,000 acres), corn (725,000 acres), hay (483,000 acres), wheat (432,000 acres), cotton (446,000 acres), and barley (92,000 acres)—accounted for a total of 98 percent of the 3,000,000 acres of irrigated crops harvested on farms on which only a part of the acreage of such crops was irrigated in 1959. These were the only crops for which as much as 3 percent of the total acreage of the irrigated crop was reported on farms on which only a part of the crop was irrigated.

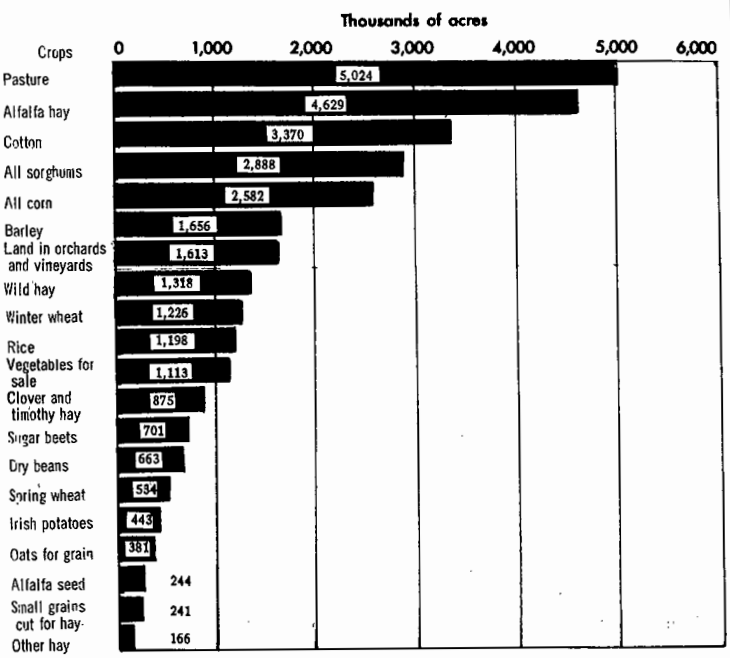
Importance of crop production on irrigated land.—In order to indicate the importance of the production of each crop harvested on irrigated land, estimates have been made for the production on the irrigated part for each crop irrigated, when only part of the acreage of the crop was irrigated. These estimates represent approximations as the estimates have been made by assuming that the yield per acre for the acreage irrigated for crops for which only part of the acreage was irrigated was the same as for the acreage for which the entire acreage was irrigated. These estimates have been made only for the 18 States as a group.

ESTIMATED PRODUCTION OF PRINCIPAL CROPS HARVESTED FROM IRRIGATED LAND FOR 18 SPECIFIED STATES: 1959

Crop	Estimated total production on irrigated land in 18 States			Reported production on irrigated land where all of crop was irrigated	Estimated production on irrigated land where part of crop was irrigated
	Total	Percent of total for 18 States	Percent of total for conterminous United States		
FIELD CROPS					
Corn harvested for grain—bushels	150,415,229	27.9	4.1	98,228,621	52,186,608
Sorghums harvested for grain—bushels	172,646,780	36.4	34.0	124,396,146	48,250,634
Small grains harvested, total—acres	5,251,160	8.1	5.4	4,703,047	548,113
All wheat—bushels	69,166,629	8.7	6.6	52,182,584	16,984,045
Winter wheat—bushels	41,979,119	6.7	4.8	28,394,776	13,584,343
Spring wheat—bushels	25,451,952	15.2	13.4	23,787,808	1,664,144
Oats—bushels	18,072,472	9.2	1.8	17,264,207	808,265
Barley—bushels	84,649,138	25.3	21.3	79,952,435	4,696,703
Rye—bushels	354,306	2.8	1.6	333,790	20,516
Flaxseed—bushels	1,392,599	9.5	7.1	1,387,544	5,055
Rice—bushels	89,791,855	100.0	74.3	89,791,855	----
Other grains—acres	202,372	22.3	17.4	196,386	5,986
Soybeans harvested for beans—bushels	1,407,958	6.1	0.3	1,324,568	83,390
Cowpeas harvested for peas—bushels	102,825	14.6	7.0	91,132	11,693
Dry field and seed beans harvested for beans—100-lb. bags	11,631,511	95.7	60.9	11,487,993	143,518
Dry field and seed peas harvested for peas—bushels	1,546,990	18.9	18.6	1,530,259	16,731
Hay:					
Alfalfa and alfalfa mixtures cut for hay—tons	16,101,913	60.6	26.9	15,103,044	998,869
Clover, timothy, and mixtures of clover and grasses cut for hay—tons	1,312,367	52.9	5.9	1,231,371	80,996
Lespedeza cut for hay—tons	1,085	0.5	(Z)	1,085	----
Vetch or peas cut for hay—tons	7,400	13.8	13.8	6,367	1,033
Oats, wheat, and other small grains cut for hay—tons	424,104	18.8	11.6	402,247	21,857
Wild hay cut—tons	1,311,603	17.0	15.2	1,203,257	108,346
Other hay cut—tons	257,585	10.7	4.2	229,561	28,024
Grass silage—tons, green weight	373,465	29.3	46.9	331,297	42,168
Alfalfa seed harvested—bushels	1,264,816	72.0	69.8	1,254,359	10,457
Red clover seed harvested—bushels	218,447	66.4	14.8	218,000	447
Sweetclover seed harvested—bushels	14,572	6.2	3.8	14,514	58
Cotton harvested—bales	5,303,255	68.0	38.1	4,589,108	714,147
Irish potatoes harvested—bushels	163,701,963	86.8	43.8	162,477,070	1,224,893
Sweetpotatoes harvested—bushels	2,112,923	21.0	7.2	2,056,912	56,011
Sugar beets harvested—tons	13,821,730	97.2	82.2	13,796,573	25,157
Hops harvested—pounds	54,032,675	99.0	99.0	53,527,469	505,206
Popcorn harvested—1,000 lb. ear corn	9,551	29.1	3.9	8,299	1,252
BERRIES AND SMALL FRUITS					
Berries and other small fruits harvested for sale, total—acres	33,618	51.4	17.5	32,213	1,405
Strawberries—quarts	148,044,034	78.2	53.0	141,303,547	6,740,487
Blackberries and dewberries—quarts	8,938,360	43.4	40.3	8,597,110	341,250
Boysenberries—quarts	10,325,023	73.2	70.4	10,136,177	188,846
Raspberries—quarts	6,368,156	30.3	19.1	6,038,888	329,268
Cranberries—barrels	154,301	100.0	13.0	154,301	----
Blueberries—quarts	952,342	43.7	2.9	903,508	48,834
Other berries—acres	509	18.5	13.3	474	35

Z Less than 0.05 percent.

IRRIGATED ACREAGE OF SPECIFIED CROPS AND PASTURE IN THE 17 WESTERN STATES AND LOUISIANA: 1959



The making of estimates using the same procedure by counties or by States would provide different totals. The estimated production for the irrigated acreage where only part of the acreage was irrigated represents 6 percent or more of the total production for only seven crops, sorghums (28 percent), corn (35 percent), hay (6 percent), wheat (25 percent), cotton (13 percent), popcorn (13 percent), and cowpeas for peas (11 percent).

No data are available regarding the production of tree fruits, nuts, and grapes on irrigated land. However, the irrigated acreage of tree fruits, nuts, and grapes represents almost 80 percent of the total acreage in the 18 States and almost 40 percent of the total acreage in the 48 States. The value of the fruit, nut, and grape crops in the 18 States was $708 million in 1959. A large part of this value was for crops harvested from irrigated land. The value of the tree fruit, nut, and grape crops in the 18 States comprised 55 percent of the value of these crops in the 48 conterminous States. Thus, at least half of the tree fruit, nut, and grape crops in the 48 conterminous States were produced in 1959 on irrigated land in the 18 States.

Data are not available for the production on irrigated land of vegetables harvested for sale. The following table summarizes the acreages of vegetables grown for sale on irrigated land in the 18 States as well as the total acreages of vegetables harvested for sale in the 18 States and in the 48 conterminous States.

Item	Total acreage 48 States	Acreage for 18 States			
		Total	Irrigated total	Irrigated acreage as a percent of total for 48 States	Irrigated acreage as a percent of total for 18 States
All vegetable crops	3,486,741	1,439,729	1,113,305	31.9	77.3
Asparagus	162,914	100,581	98,993	60.8	98.4
Green snap beans	243,983	36,196	29,576	12.1	81.7
Cabbage	111,324	38,851	32,719	29.4	84.2
Cantaloups and muskmelons	133,751	97,513	90,015	67.3	92.3
Sweet corn	617,362	93,597	78,093	12.6	83.4
Lettuce and romaine	200,577	181,144	179,937	89.7	99.3
Dry onions	101,569	71,692	58,935	58.0	82.2
Green peas	334,221	146,445	24,569	7.4	16.8
Tomatoes	445,133	218,471	210,698	47.3	96.4
All other	1,077,301	455,239	309,770	28.8	68.0
Value of vegetables harvested for sale	*Dollars* 736,244,138	*Dollars* 370,033,730	NA	NA	NA

NA Not available.

Relation of water used for irrigation and other purposes.—Data on quantity of water used for irrigation purposes are available only for water delivered to farms by irrigation organizations. Irrigation organizations provided water for the irrigation of 12.9 out of the 31.2 million acres irrigated in 1959. Irrigation organizations delivered 54.5 million acre-feet of water to farm irrigation water users. However, 9.8 million acre-feet of water was delivered to farms where water from other sources was also used for irrigation purposes. The average amount of water delivered to farms per acre irrigated, for those irrigation organizations reporting the quantity of water delivered and the acres irrigated for farms receiving water for irrigation purposes from irrigation organizations only, was 3.2 acre-feet per acre irrigated for the 18 States. The acre-feet per acre irrigated reported for their irrigation organizations varied from 1.2 to 4.8 acre-feet per acre in the 18 States. If it is assumed that the average acre-feet used per acre irrigated reported by these irrigation organizations indicate the approximate use of water per acre irrigated for land irrigated for each of the 18 States, then the total quantity of water used for irrigation purposes in the 18 States would be approximately 92 million acre feet in 1959. The conveyance loss of water as reported by irrigation organizations totaled 15.8 million acre-feet. The conveyance loss does not include losses from evaporation and other causes in reservoirs. The area of the principal reservoirs and regulated lakes in the 17 States is 3,446,000 acres and the estimated annual evaporation from these reservoirs and lakes is 12,299,000 acre-feet (Evaporation from the 17 Western States. Geological Survey Professional Paper 272–D, Geological Survey, U.S. Department of the Interior). Thus, the total water withdrawn for irrigation uses in the 18 States was approximately 120 million acre-feet in 1959. The 1958 Census of Manufacturers reported the withdrawal of 2,978 billion gallons or 9 million acre-feet of water in 1959 in the 18 States. However, 92 percent of the water withdrawn by industry was discharged into the stream, etc., and therefore may have been available for reuse.

In the 18 irrigation States, water withdrawn for the use of livestock and poultry and for public use is a small percent of withdrawals for all purposes. A large part of the water withdrawn for industrial use is returned to streams and may be reused but the water delivered to farms for irrigation purposes is not available for reuse because of transpiration and evaporation. Water used for irrigation may have amounted to as much as nine-tenths of the total water consumed in the 18 States.

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SUMMARY TABLES

(1)

IRRIGATION OF AGRICULTURAL LANDS

Summary Table 1.–IRRIGATED FARMS–NUMBER AND ACREAGE IRRIGATED BY DIVISIONS AND STATES: CENSUSES OF 1959, 1954, AND 1950

	Region, division, and State	Number of irrigated farms						All irrigated land in farms										
					Percent of all farms			Acres			Percent of all land in farms			Average per farm (acres)			Increase or decrease (-), 1954-1959	
		1959	1954[1]	1950	1959	1954	1950	1959	1954[1]	1949	1959	1954	1949	1959	1954	1949	Acres	Percent
1	U. S.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	Conterminous U.S.	306,532	320,236	305,061	8.3	6.7	5.7	33,021,799	29,552,155	25,787,455	2.9	2.6	2.2	107.7	92.3	84.5	3,469,644	11.7
3	The North	36,273	27,648	18,348	2.1	1.4	0.8	3,356,861	1,925,423	1,258,321	0.8	0.4	0.3	92.5	69.6	68.6	1,431,438	74.3
4	The South	63,011	57,185	39,087	3.8	2.5	1.5	7,783,403	7,102,185	4,552,481	2.2	1.8	1.2	123.5	124.2	116.5	681,218	9.6
5	The West	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6	Conterminous area	207,248	235,403	247,626	60.5	55.7	53.6	21,881,535	20,524,547	19,976,653	6.4	6.1	6.2	105.6	87.2	80.7	1,356,988	6.6
	Geographic Divisions:																	
7	New England	1,618	2,017	1,581	2.8	2.5	1.5	30,651	38,395	31,450	0.3	0.3	0.3	18.9	19.0	19.9	-7,744	-20.2
8	Middle Atlantic	4,430	4,333	2,208	2.2	1.7	0.7	148,393	135,886	54,616	0.6	0.5	0.2	33.5	31.4	24.7	12,507	9.2
9	East North Central	3,934	3,509	2,110	0.6	0.4	0.2	111,376	75,578	36,237	0.1	0.1	(Z)	28.3	21.5	17.2	35,798	47.4
10	West North Central	26,291	17,789	12,449	3.3	2.0	1.3	3,066,441	1,675,564	1,136,018	1.1	0.6	0.4	116.6	94.2	91.3	1,390,877	83.0
11	South Atlantic	18,924	11,660	6,516	3.2	1.4	0.7	596,844	536,195	381,044	0.7	0.5	0.4	31.5	46.0	58.5	60,649	11.3
12	East South Central	3,253	4,475	180	0.6	0.6	(Z)	136,627	185,130	6,950	0.2	0.2	(Z)	42.0	41.4	38.6	-48,503	-26.1
13	West South Central	40,834	41,050	32,391	8.3	6.1	4.2	7,049,932	6,380,860	4,164,487	3.4	3.0	2.0	172.6	155.4	128.6	669,072	10.5
14	Mountain	96,094	112,231	122,280	64.5	62.3	62.8	12,094,712	11,207,997	11,642,484	4.6	4.3	4.7	125.9	99.9	95.2	886,715	7.9
15	Pacific	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
16	Conterminous area	111,154	123,172	125,346	57.5	50.8	47.0	9,786,823	9,316,550	8,334,169	12.7	12.2	11.2	88.0	75.6	66.5	470,273	5.0
	New England:																	
17	Maine	138	87	123	0.8	0.4	0.4	2,214	1,097	2,299	0.1	(Z)	0.1	16.0	12.6	18.7	1,117	101.8
18	New Hampshire	76	61	51	1.2	0.6	0.4	1,249	942	622	0.1	0.1	(Z)	16.4	15.4	12.2	307	32.6
19	Vermont	72	55	22	0.6	0.3	0.1	1,612	689	303	0.1	(Z)	(Z)	22.4	12.5	13.8	923	134.0
20	Massachusetts	1,093	1,366	1,053	9.8	7.9	4.7	19,999	22,683	18,507	1.8	1.6	1.1	18.3	16.6	17.6	-2,684	-11.8
21	Rhode Island	34	43	52	2.4	2.1	2.0	406	1,009	1,631	0.3	0.7	0.9	11.9	23.5	31.4	-603	-59.8
22	Connecticut	205	405	280	2.5	3.2	1.8	5,171	11,975	8,088	0.6	1.1	0.6	25.2	29.6	28.9	-6,804	-56.8
	Middle Atlantic:																	
23	New York	1,741	1,675	888	2.1	1.6	0.7	57,997	59,024	19,248	0.4	0.4	0.1	33.3	35.2	21.7	-1,027	-1.7
24	New Jersey	1,902	1,775	1,033	12.3	7.8	4.2	73,873	58,912	28,117	5.4	3.5	1.6	38.8	33.2	27.2	14,961	25.4
25	Pennsylvania	787	883	287	0.8	0.7	0.2	16,523	17,950	7,251	0.1	0.1	0.1	21.0	20.3	25.3	-1,427	-7.9
	East North Central:																	
26	Ohio	575	847	458	0.4	0.5	0.2	11,972	15,379	5,706	0.1	0.1	(Z)	20.8	18.2	12.5	-3,407	-22.2
27	Indiana	480	443	164	0.4	0.3	0.1	17,237	11,738	5,339	0.1	0.1	(Z)	35.9	26.5	32.6	5,499	46.8
28	Illinois	332	266	139	0.2	0.2	0.1	10,127	6,789	1,510	(Z)	(Z)	(Z)	30.5	25.5	10.9	3,338	49.2
29	Michigan	1,909	1,408	995	1.7	1.0	0.6	40,178	23,473	13,901	0.3	0.1	0.1	21.0	16.7	14.0	16,705	71.2
30	Wisconsin	638	545	354	0.5	0.4	0.2	31,862	18,199	9,781	0.2	0.1	(Z)	49.9	33.4	27.6	13,663	75.1
	West North Central:																	
31	Minnesota	387	347	274	0.3	0.2	0.2	14,991	9,207	4,235	(Z)	(Z)	(Z)	38.7	26.5	15.5	5,784	62.8
32	Iowa	313	132	76	0.2	0.1	(Z)	18,181	2,396	1,386	0.1	(Z)	(Z)	58.1	18.2	18.2	15,785	658.8
33	Missouri	590	752	142	0.3	0.4	0.1	29,957	32,998	2,089	0.1	0.1	(Z)	50.8	43.9	14.7	-3,041	-9.2
34	North Dakota	471	399	304	0.9	0.6	0.5	47,656	37,672	35,294	0.1	0.1	0.1	101.2	94.4	116.1	9,984	26.5
35	South Dakota	1,002	923	807	1.8	1.5	1.2	115,629	90,371	78,069	0.3	0.2	0.2	115.4	97.9	96.7	25,258	27.9
36	Nebraska	18,936	12,500	9,680	20.9	12.4	9.0	2,077,926	1,171,369	876,259	4.4	2.5	1.8	109.7	93.7	90.5	906,557	77.4
37	Kansas	4,592	2,736	1,166	4.4	2.3	0.9	762,101	331,551	138,686	1.5	0.7	0.3	166.0	121.2	118.9	430,550	129.9
	South Atlantic:																	
38	Delaware	156	81	10	3.0	1.3	0.1	15,533	5,553	404	2.0	0.7	(Z)	99.6	68.6	40.4	9,980	179.7
39	Maryland	328	235	30	1.3	0.7	0.1	11,174	8,344	697	0.3	0.2	(Z)	34.1	35.5	23.2	2,830	33.9
40	District of Columbia	NA	NA	2	NA	NA	7.1	NA	NA	13	NA	NA	1.0	NA	NA	6.5	NA	NA
41	Virginia	1,996	763	71	2.0	0.6	(Z)	31,101	21,805	2,817	0.2	0.1	(Z)	15.6	28.6	39.7	9,296	42.6
42	West Virginia	66	62	9	0.1	0.1	(Z)	1,115	1,381	40	(Z)	(Z)	(Z)	16.9	22.3	4.4	-266	-19.3
43	North Carolina	8,537	2,704	96	4.5	1.0	(Z)	65,743	25,423	2,083	0.4	0.1	(Z)	7.7	9.4	21.7	40,320	158.6
44	South Carolina	1,398	748	84	1.8	0.6	0.1	24,952	22,009	6,408	0.3	0.2	0.1	17.8	29.4	76.3	2,943	13.4
45	Georgia	2,194	1,268	139	2.1	0.8	0.1	33,700	23,873	3,161	0.2	0.1	(Z)	15.4	18.8	22.7	9,827	41.2
46	Florida	4,249	5,799	6,075	9.4	10.1	10.7	413,526	427,807	365,421	2.7	2.4	2.2	97.3	73.8	60.2	-14,281	-3.3
	East South Central:																	
47	Kentucky	1,130	1,226	67	0.7	0.6	(Z)	8,605	13,434	485	0.1	0.1	(Z)	7.6	11.0	7.2	-4,829	-35.9
48	Tennessee	1,005	1,094	35	0.6	0.5	(Z)	10,979	22,548	1,012	0.1	0.1	(Z)	10.9	20.6	28.9	-11,569	-51.3
49	Alabama	328	452	34	0.3	0.3	(Z)	17,357	16,658	367	0.1	0.1	(Z)	52.9	36.9	10.8	699	4.2
50	Mississippi	790	1,703	44	0.6	0.8	(Z)	99,686	132,490	5,086	0.5	0.6	(Z)	126.2	77.8	115.6	-32,804	-24.8
	West South Central:																	
51	Arkansas	5,652	6,218	3,060	5.9	4.3	1.7	711,812	857,863	422,107	4.3	4.8	2.2	125.9	138.0	137.9	-146,051	-17.0
52	Louisiana	4,817	6,897	7,438	6.5	6.2	6.0	484,850	707,818	576,775	4.7	6.2	5.1	100.7	102.6	77.5	-222,968	-31.5
53	Oklahoma	2,481	1,620	466	2.6	1.4	0.3	197,632	108,151	34,071	0.6	0.3	0.1	79.7	66.8	73.1	89,481	82.7
54	Texas	27,884	26,315	21,427	12.3	9.0	6.5	5,655,638	4,707,028	3,131,534	3.9	3.2	2.2	202.8	178.9	146.1	948,610	20.2
	Mountain:																	
55	Montana	11,935	13,114	13,457	41.2	39.7	38.4	1,874,520	1,890,671	1,716,792	2.9	3.1	2.9	157.1	144.2	127.6	-16,151	-0.9
56	Idaho	25,383	28,218	29,413	75.4	72.8	73.0	2,576,580	2,324,571	2,137,237	16.9	16.2	16.2	101.5	82.4	72.7	252,009	10.8
57	Wyoming	6,412	7,130	7,831	65.8	62.5	62.1	1,469,911	1,262,632	1,431,767	4.1	3.6	4.2	229.2	177.1	182.8	207,279	16.4
58	Colorado	20,312	23,355	27,121	60.8	57.3	59.5	2,684,757	2,262,921	2,872,348	6.9	5.9	7.6	132.2	96.9	105.9	421,836	18.6
59	New Mexico	8,850	11,690	12,691	55.6	55.5	53.8	731,835	649,615	655,287	1.6	1.3	1.4	82.7	55.6	51.6	82,220	12.7
60	Arizona	5,391	6,809	7,822	74.5	73.1	75.1	1,152,450	1,177,407	963,560	2.9	2.8	2.4	213.8	172.9	123.2	-24,957	-2.1
61	Utah	15,701	19,406	21,126	88.2	85.0	87.4	1,061,683	1,072,682	1,137,995	8.4	8.7	10.5	67.6	55.3	53.9	-10,999	-1.0
62	Nevada	2,110	2,509	2,819	89.6	87.8	90.6	542,976	567,498	727,498	5.0	6.9	10.3	257.3	226.2	258.1	-24,522	-4.3
	Pacific:																	
63	Washington	19,292	18,844	16,928	37.4	28.9	24.2	1,006,969	778,135	589,035	5.4	4.4	3.4	52.2	41.3	34.8	228,834	29.4
64	Oregon	17,724	19,826	17,663	41.6	36.4	29.5	1,384,284	1,490,366	1,306,810	6.5	7.1	6.4	78.1	75.2	74.0	-106,082	-7.1
65	California	74,138	84,502	90,755	74.7	68.7	66.2	7,395,570	7,048,049	6,438,324	20.0	18.6	17.6	99.8	83.4	70.9	347,521	4.9
66	Alaska	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
67	Hawaii	1,251	NA	1,158	20.0	NA	20.1	141,179	NA	117,418	5.7	NA	4.8	112.9	NA	101.4	NA	NA

NA Not available. Z Less than 0.05 percent. [1]Data for 1954, for 17 Western States and Florida do not include irrigated cropland not harvested and not pastured; those for Arkansas, Louisiana, and Southeastern Missouri do not include either irrigated pasture or irrigated cropland not harvested and not pastured. See text.

Summary Table 2.–IRRIGATED FARMS–ALL LAND AND IRRIGATED LAND CLASSIFIED ACCORDING TO USE: CENSUSES OF 1959 AND 1954

State	Number of irrigated farms[1]		All land in irrigated farms[1] (acres)				Cropland harvested				Cropland used only for pasture, 1959		Cropland not harvested and not pastured, 1959	
			Total		Average per farm		Farms reporting		Acres					
	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	Farms reporting	Acres	Farms reporting	Acres
All irrigated farms: 18 States, total.	267,431	286,793	213,330,397	190,795,348	797.7	665.3	248,517	265,651	38,481,837	32,662,167	90,658	9,022,909	77,385	9,369,652
Hawaii*.....	1,251	NA	958,898	NA	766.5	NA	1,217	NA	109,101	NA	148	70,052	397	94,354
Louisiana.....	4,817	6,897	1,766,593	1,896,951	366.7	275.0	4,811	6,897	597,205	824,309	2,950	602,221	849	49,042
17 Western States, total...	262,614	279,896	211,563,804	188,898,397	805.6	674.9	243,706	258,754	37,884,632	31,837,858	87,708	8,420,688	76,536	9,320,610
Arizona.....	5,391	6,809	20,261,106	21,025,139	3,758.3	3,087.8	4,736	5,931	1,011,791	1,072,523	1,724	164,954	1,751	347,099
California.....	74,138	84,502	24,029,765	22,967,240	324.1	271.8	65,980	75,324	7,260,791	7,167,153	15,343	2,140,615	13,778	1,343,132
Colorado.....	20,312	23,355	18,687,592	16,592,897	920.0	710.5	19,340	22,152	2,645,655	2,193,936	7,136	798,504	6,175	747,844
Idaho.....	25,383	28,218	9,591,651	8,683,254	377.9	307.7	22,832	25,531	2,575,957	2,350,424	14,088	571,185	4,885	536,144
Kansas.....	4,592	2,736	4,818,612	2,681,618	1,049.3	980.1	4,580	2,721	2,085,855	1,058,550	1,436	128,902	3,525	992,998
Montana.....	11,935	13,114	25,444,553	23,815,899	2,131.9	1,816.1	11,422	12,601	2,428,840	2,346,648	4,235	606,068	4,828	894,912
Nebraska.....	18,936	12,500	10,519,045	6,543,570	555.5	523.5	18,854	12,443	4,439,591	2,529,287	5,220	285,872	8,661	639,019
Nevada.....	2,110	2,509	8,945,608	7,483,187	4,239.6	2,982.5	1,894	2,227	326,956	356,380	1,005	337,058	477	81,874
New Mexico.....	8,850	11,690	12,225,180	11,912,319	1,381.4	1,019.0	8,493	11,372	711,851	669,684	2,758	169,514	2,917	249,694
North Dakota.....	471	399	688,180	389,449	1,461.1	976.1	468	396	162,225	123,749	116	14,834	315	57,911
Oklahoma.....	2,481	1,620	1,744,647	952,253	703.2	587.8	2,463	1,607	589,738	358,942	1,209	95,961	1,650	246,855
Oregon.....	17,724	19,826	13,733,452	13,090,186	774.9	660.3	15,567	17,306	1,596,390	1,608,013	9,265	571,222	4,586	487,921
South Dakota.....	1,002	923	2,243,966	1,851,308	2,239.5	2,005.8	990	917	241,582	227,131	386	43,468	372	45,468
Texas.....	27,884	26,315	24,116,410	19,371,430	864.9	736.1	27,394	25,789	8,347,683	6,626,599	8,230	1,390,515	12,181	1,666,706
Utah.....	15,701	19,406	8,891,138	9,928,400	566.3	511.6	14,713	18,398	935,024	1,035,477	6,092	344,475	4,787	338,287
Washington.....	19,292	18,844	6,216,373	5,013,494	322.2	266.1	17,903	17,329	1,331,151	1,036,169	6,857	319,021	4,413	510,683
Wyoming.....	6,412	7,130	19,406,526	16,596,754	3,026.6	2,327.7	6,077	6,710	1,193,552	1,077,193	2,608	438,520	1,235	134,063
Farms with all harvested crops irrigated: 18 States, total.	178,029	200,892	105,108,816	95,664,848	590.4	476.2	178,029	200,892	18,747,587	17,379,324	53,188	4,558,410	40,595	2,920,663
Hawaii*.....	1,081	NA	324,087	NA	299.8	NA	1,081	NA	34,408	NA	108	61,963	316	30,063
Louisiana.....	2,669	4,215	663,762	1,042,781	248.7	247.4	2,669	4,215	256,312	511,640	1,485	263,082	428	17,450
17 Western States, total...	175,360	196,677	104,445,054	94,622,067	595.6	481.1	175,360	196,677	18,491,275	16,867,684	51,703	4,295,328	40,167	2,903,213
Arizona.....	4,614	5,822	7,919,362	7,739,135	1,716.4	1,329.3	4,614	5,822	984,884	1,057,865	1,183	123,999	1,644	321,687
California.....	58,505	65,164	12,904,149	11,776,534	220.6	180.7	58,505	65,164	5,361,401	4,931,465	8,515	959,295	10,719	764,544
Colorado.....	15,988	17,975	12,474,206	10,551,257	780.2	587.0	15,988	17,975	1,768,165	1,456,655	5,540	547,622	3,970	205,780
Idaho.....	19,651	21,616	5,716,940	5,171,686	290.9	239.3	19,651	21,616	1,799,481	1,588,161	11,264	373,701	2,857	132,770
Kansas.....	542	447	249,028	208,404	459.5	466.2	542	447	130,285	67,895	107	5,832	305	38,675
Montana.....	6,618	7,602	10,607,464	10,276,046	1,602.8	1,351.8	6,618	7,602	964,137	969,393	2,511	315,409	1,604	102,065
Nebraska.....	3,327	3,129	954,634	825,037	286.9	263.7	3,327	3,129	451,929	359,369	619	31,720	664	28,222
Nevada.....	1,786	2,154	6,408,657	6,475,593	3,588.3	3,006.3	1,786	2,154	278,727	334,797	824	272,376	417	70,941
New Mexico.....	7,713	10,488	8,032,934	6,530,875	1,041.5	622.7	7,713	10,488	548,346	518,953	2,261	134,054	2,491	176,517
North Dakota.....	139	150	40,603	35,037	292.1	233.6	139	150	18,338	17,118	38	952	47	3,128
Oklahoma.....	290	211	160,448	103,172	553.3	489.0	290	211	20,200	13,513	88	5,769	137	32,821
Oregon.....	9,477	10,748	6,067,640	5,655,879	640.2	526.2	9,477	10,748	691,255	690,001	4,532	271,017	2,002	96,864
South Dakota.....	358	296	361,506	246,968	1,009.8	834.4	358	296	43,989	28,457	146	11,329	109	7,429
Texas.....	14,507	15,943	8,984,114	9,682,605	619.3	607.3	14,507	15,943	3,149,427	2,871,227	3,191	523,953	6,027	623,958
Utah.....	12,507	15,386	6,453,264	6,212,379	516.0	403.8	12,507	15,386	664,783	661,420	4,656	258,719	3,523	156,504
Washington.....	14,317	14,184	2,576,581	1,926,547	180.0	135.8	14,317	14,184	690,324	504,959	4,154	137,555	2,889	92,093
Wyoming.....	5,021	5,362	14,533,524	11,204,913	2,894.5	2,089.7	5,021	5,362	925,604	796,436	2,074	322,026	762	49,215

NA Not available.
[1]Data for 1959 are for farms reporting any land irrigated in 1959. Data for 1954 are for farms reporting irrigated cropland harvested and/or pasture, except for Arkansas, Louisiana, and Southeastern Missouri where irrigated pasture was not included on the questionnaire.
* Not included in 18 States total.

Summary Table 2.–IRRIGATED FARMS–ALL LAND AND IRRIGATED LAND CLASSIFIED ACCORDING TO USE: CENSUSES OF 1959 AND 1954–Continued

State	Woodland pastured, 1959 (acres)	Woodland not pastured, 1959 (acres)	Other pasture (not cropland and not woodland), 1959				Other land (house lots, roads, waste-land, etc.), 1959 (acres)	Cropland, total (acres)		Woodland, total		
			Total		Improved			1959	1954	Farms reporting, 1959	Acres	
			Farms reporting	Acres	Farms reporting	Acres					1959	1954
All irrigated farms: 18 States, total.	15,080,172	1,674,090	104,325	129,524,525	36,289	4,187,490	10,177,212	56,874,398	46,768,160	27,591	16,754,262	16,893,482
Hawaii*.....	20,245	136,412	101	381,200	38	43,457	147,534	273,507	NA	120	156,657	NA
Louisiana.....	154,435	96,877	954	191,363	256	38,254	75,450	1,248,468	1,401,097	1,500	251,312	316,444
17 Western States, total...	14,925,737	1,577,213	103,371	129,333,162	36,033	4,149,236	10,101,762	55,625,930	45,367,063	26,091	16,502,950	16,577,038
Arizona.....	3,560,770	61,404	1,298	12,510,461	324	185,538	2,604,627	1,523,844	1,521,153	143	3,622,174	3,741,998
California.....	1,969,007	430,806	12,956	9,574,934	7,517	707,978	1,310,480	10,744,538	10,399,616	4,155	2,399,813	2,576,008
Colorado.....	1,234,287	106,480	10,054	12,416,301	3,279	394,306	738,521	4,192,003	3,625,832	2,111	1,340,767	1,331,008
Idaho.....	481,626	41,895	11,295	4,639,027	5,675	332,651	745,817	3,683,286	3,278,844	1,155	523,521	384,365
Kansas.....	9,555	11,044	3,066	1,473,133	320	59,568	117,125	3,207,755	1,636,896	541	20,599	17,046
Montana.....	1,367,199	131,409	9,256	18,639,531	3,623	367,290	1,376,594	3,929,820	3,472,801	2,466	1,498,608	1,102,952
Nebraska.....	56,010	25,244	12,740	4,724,046	1,444	114,815	349,263	5,364,482	3,024,551	2,014	81,254	46,246
Nevada.....	27,177	15,747	1,233	7,708,923	545	223,886	447,873	745,888	642,121	99	42,924	56,702
New Mexico.....	1,587,903	103,201	3,213	9,022,303	479	114,016	380,714	1,131,059	1,054,015	784	1,691,104	1,503,640
North Dakota.....	10,759	2,521	338	417,922	56	6,009	22,008	234,970	162,761	111	13,280	9,518
Oklahoma.....	58,146	12,638	1,696	692,034	244	35,566	49,215	932,554	487,136	492	70,784	79,746
Oregon.....	2,152,654	313,574	7,220	8,310,474	3,182	282,980	301,217	2,655,533	2,383,356	5,517	2,466,228	2,735,378
South Dakota.....	34,880	2,493	820	1,839,890	131	13,606	36,185	330,518	277,723	142	37,373	23,618
Texas.....	909,959	84,044	9,488	11,222,331	1,565	640,348	495,172	11,404,904	8,644,954	1,988	994,003	1,131,253
Utah.....	503,404	29,192	8,209	6,417,674	2,909	234,586	323,082	1,617,786	1,611,374	755	532,596	843,466
Washington.....	742,652	197,513	5,701	2,861,601	2,696	76,570	253,752	2,160,855	1,610,152	3,104	940,165	802,431
Wyoming.....	219,749	8,008	4,788	16,862,517	2,044	359,523	550,117	1,766,135	1,533,778	514	227,757	191,663
Farms with all harvested crops irrigated: 18 States, total.	6,275,203	668,206	53,885	66,802,862	20,902	2,131,565	5,136,481	26,226,660	23,606,919	11,822	6,943,409	6,498,617
Hawaii*.....	14,509	40,024	68	75,399	26	5,112	67,721	126,434	NA	95	54,533	NA
Louisiana.....	24,849	15,555	374	52,989	59	3,640	33,525	536,844	851,250	653	40,404	105,311
17 Western States, total...	6,250,354	652,651	53,511	66,749,873	20,843	2,127,925	5,102,956	25,689,816	22,755,669	11,169	6,903,005	6,393,306
Arizona.....	1,048,075	10,033	995	5,247,540	194	45,606	183,144	1,430,570	1,439,023	109	1,058,108	974,486
California.....	720,030	185,289	5,852	4,158,068	2,936	308,926	755,522	7,085,240	6,417,983	1,920	905,319	916,117
Colorado.....	851,634	68,396	7,264	8,518,972	2,442	306,533	514,233	2,521,567	2,214,037	1,596	920,030	910,606
Idaho.....	182,745	12,787	7,941	2,787,152	4,008	196,497	428,304	2,305,952	2,029,184	595	195,532	122,484
Kansas.....	497	169	156	64,847	25	2,909	8,723	174,792	103,686	16	666	1,218
Montana.....	690,470	69,741	4,848	7,286,191	2,232	213,160	1,179,451	1,381,611	1,288,956	1,331	760,211	538,676
Nebraska.....	2,292	1,590	1,527	392,821	266	10,638	46,060	511,871	408,069	134	3,882	3,318
Nevada.....	19,140	10,898	1,016	5,334,888	450	173,252	421,687	622,044	593,652	82	30,038	54,707
New Mexico.....	864,014	88,534	2,594	6,026,976	374	63,610	194,493	858,917	763,028	591	952,548	368,367
North Dakota.....	1,706	176	50	13,029	12	119	3,274	22,418	22,145	26	1,882	3,258
Oklahoma.....	6,566	736	128	91,731	23	2,483	2,625	58,790	24,121	38	7,302	9,706
Oregon.....	898,869	105,742	3,587	3,849,611	1,513	104,040	154,282	1,059,136	937,862	2,029	1,004,611	1,246,753
South Dakota.....	2,129	108	291	287,439	50	4,085	9,083	62,747	36,281	35	2,237	1,458
Texas.....	259,688	18,087	3,755	4,168,137	641	156,091	240,864	4,297,338	3,766,015	569	277,775	384,166
Utah.....	345,069	17,216	6,296	4,713,472	2,330	178,658	297,501	1,080,006	947,218	556	362,285	548,934
Washington.....	233,054	58,200	3,590	1,197,842	1,741	45,430	167,513	919,972	665,901	1,213	291,254	208,555
Wyoming.....	124,376	4,949	3,621	12,611,157	1,606	315,888	496,197	1,296,845	1,098,508	329	129,325	100,497

NA Not available.
* Not included in 18 States total.

Summary Table 2.–IRRIGATED FARMS–ALL LAND AND IRRIGATED LAND CLASSIFIED ACCORDING TO USE: CENSUSES OF 1959 AND 1954–Continued

State	Land pastured, total (acres)		Irrigated land[1]											
			All irrigated land				Irrigated cropland harvested							
			Acres		Average acres per irrigated farm		Farms reporting		Acres		Percent of total cropland harvested all farms		Average acres per farm reporting	
	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954
All irrigated farms: 18 States, total.	153,627,606	144,118,764	31,222,967	27,678,507	116.8	96.5	242,418	259,416	26,198,581	23,262,090	18.1	14.9	108.1	89.7
Hawaii*.....	471,497	NA	141,179	NA	112.9	NA	1,206	NA	72,703	NA	41.2	NA	60.3	NA
Louisiana.....	948,019	794,904	484,850	707,818	100.7	102.6	4,783	6,897	481,843	707,818	19.9	23.5	100.7	102.6
17 Western States, total...	152,679,587	143,323,860	30,738,117	26,970,689	117.0	96.4	237,635	252,519	25,716,738	22,554,272	18.1	14.7	108.2	89.3
Arizona.....	16,236,185	18,887,766	1,152,450	1,177,407	213.8	172.9	4,678	5,922	991,634	1,064,919	97.3	97.4	212.0	179.8
California.....	13,684,556	13,040,494	7,395,570	7,048,049	99.8	83.4	64,200	73,250	6,216,950	5,948,068	77.5	71.4	96.8	81.2
Colorado.....	14,449,092	12,862,827	2,684,757	2,262,921	132.2	96.9	19,166	21,949	2,106,970	1,770,249	35.8	33.9	109.9	80.6
Idaho.....	5,691,838	5,287,435	2,576,580	2,324,571	101.5	82.4	22,515	25,133	2,064,976	1,854,573	53.9	49.8	91.7	73.8
Kansas.....	1,611,590	1,041,935	762,101	331,551	166.0	121.2	4,517	2,661	684,146	309,877	3.3	1.4	151.5	116.4
Montana.....	20,612,798	20,406,529	1,874,520	1,890,671	157.1	144.2	11,189	12,372	1,456,852	1,480,061	17.9	17.6	130.2	119.6
Nebraska.....	5,065,928	3,457,118	2,077,926	1,171,369	109.7	93.7	18,804	12,378	2,021,858	1,131,344	11.2	6.0	107.5	91.4
Nevada.....	8,073,158	6,914,221	542,976	567,498	257.3	226.2	1,882	2,221	302,038	348,246	89.5	96.7	160.5	156.8
New Mexico.....	10,779,720	10,738,527	731,835	649,615	82.7	55.6	8,431	11,330	622,983	592,105	57.8	52.2	73.9	52.2
North Dakota.....	443,515	216,753	47,656	37,672	101.2	94.4	454	383	44,699	33,845	0.2	0.2	98.5	88.4
Oklahoma.....	846,201	497,914	197,632	108,151	79.7	66.8	2,405	1,556	181,764	98,929	2.0	1.0	75.6	63.6
Oregon.....	11,034,350	10,525,455	1,384,284	1,490,366	78.1	75.2	13,926	15,607	967,766	1,006,566	31.0	30.8	69.5	64.5
South Dakota.....	1,918,238	1,569,101	115,629	90,371	115.4	97.9	972	879	102,302	78,236	0.7	0.4	105.2	89.0
Texas.....	13,522,805	11,402,629	5,655,638	4,707,028	202.8	178.9	27,096	25,481	5,338,890	4,497,917	24.0	18.1	197.0	176.5
Utah.....	7,265,553	8,113,824	1,061,683	1,072,682	67.6	55.3	14,561	18,239	771,221	799,885	72.6	65.1	53.0	43.8
Washington.....	3,923,274	3,267,044	1,006,969	778,135	52.2	41.3	16,800	16,506	792,362	600,219	18.0	13.8	47.2	36.3
Wyoming.....	17,520,786	15,094,288	1,469,911	1,262,632	229.2	177.1	6,039	6,652	1,049,327	939,233	62.5	60.4	173.8	141.2
Farms with all harvested crops irrigated: 18 States, total.	77,636,475	71,911,248	22,142,351	20,289,488	124.4	101.0	178,029	200,892	18,747,587	17,379,324	13.0	11.1	105.3	86.5
Hawaii*.....	151,871	NA	65,209	NA	60.3	NA	1,081	NA	34,408	NA	19.5	NA	31.8	NA
Louisiana.....	340,920	405,086	256,660	511,640	96.2	121.4	2,669	4,215	256,312	511,640	10.6	17.0	96.0	121.4
17 Western States, total...	77,295,555	71,506,162	21,885,691	19,777,848	124.8	100.6	175,360	196,677	18,491,275	16,867,684	13.0	11.0	105.4	85.8
Arizona.....	6,419,614	6,117,265	1,080,550	1,110,868	234.2	190.8	4,614	5,822	984,884	1,057,865	96.7	96.7	213.5	181.7
California.....	5,837,393	5,317,558	6,007,864	5,481,617	102.7	84.1	58,505	65,164	5,361,401	4,931,465	66.8	59.2	91.6	75.7
Colorado.....	9,918,228	8,269,838	2,245,613	1,856,195	140.4	103.3	15,988	17,975	1,768,165	1,456,655	30.1	27.9	110.6	81.0
Idaho.....	3,343,598	3,076,286	2,203,704	1,958,780	112.1	90.6	19,651	21,616	1,799,481	1,588,161	47.0	42.6	91.6	73.5
Kansas.....	71,176	106,722	143,620	71,075	265.0	159.0	542	447	130,285	67,895	0.6	0.3	240.4	151.9
Montana.....	8,292,070	9,047,346	1,260,149	1,259,013	190.4	165.6	6,618	7,602	964,137	969,393	11.8	11.5	145.7	127.5
Nebraska.....	426,833	401,761	469,876	379,188	141.2	121.2	3,327	3,129	451,929	359,369	2.5	1.9	135.8	114.9
Nevada.....	5,626,404	5,947,113	461,494	518,442	258.4	240.7	1,786	2,154	278,727	334,797	82.6	93.0	156.1	155.4
New Mexico.....	7,025,044	5,743,377	634,542	555,790	82.3	53.0	7,713	10,488	548,346	518,953	50.9	45.7	71.1	49.5
North Dakota.....	15,687	10,593	19,404	18,293	139.6	122.0	139	150	18,338	17,118	0.1	0.1	131.9	114.1
Oklahoma.....	104,066	84,230	22,339	14,627	77.0	69.3	290	211	20,200	13,513	0.2	0.1	69.7	64.0
Oregon.....	5,019,497	4,603,159	912,927	975,623	96.3	90.8	9,477	10,748	691,255	690,001	22.2	21.1	72.9	64.2
South Dakota.....	300,897	211,282	50,928	33,093	142.3	111.8	358	296	43,989	28,457	0.3	0.2	122.9	96.1
Texas.....	4,951,778	6,129,591	3,353,984	2,972,101	231.1	186.4	14,507	15,943	3,149,427	2,871,227	14.2	11.5	217.1	180.1
Utah.....	5,317,260	5,123,714	902,681	883,644	72.2	57.4	12,507	15,386	664,783	661,420	62.6	53.8	53.2	43.0
Washington.....	1,568,451	1,186,890	828,395	624,958	57.9	44.1	14,317	14,184	690,324	504,959	15.6	11.6	48.2	35.6
Wyoming.....	13,057,559	10,129,437	1,287,621	1,064,541	256.4	198.5	5,021	5,362	925,604	796,436	55.1	51.2	184.3	148.5

NA Not available.

[1]Data for 1959 are for farms reporting any land irrigated in 1959. Data for 1954 are for farms reporting irrigated cropland harvested and/or pasture, except for Arkansas, Louisiana, and Southeastern Missouri where irrigated pasture was not included on the questionnaire.

* Not included in 18 States total.

Summary Table 2.–IRRIGATED FARMS–ALL LAND AND IRRIGATED LAND CLASSIFIED ACCORDING TO USE: CENSUSES OF 1959 AND 1954–Continued

State	Irrigated land[1]—Continued		Irrigated farms by total acres of cropland harvested, 1959									
	Irrigated pasture (acres)[2]											
	1959	1954	1 to 9 acres	10 to 19 acres	20 to 29 acres	30 to 49 acres	50 to 99 acres	100 to 199 acres	200 to 499 acres	500 to 999 acres	1,000 or more acres	No cropland harvested
All irrigated farms:												
18 States, total	5,024,386	4,416,417	43,695	25,497	16,127	24,936	39,632	43,643	39,665	11,107	4,215	18,914
Hawaii*	68,476	NA	1,064	86	20	15	1	3	4	2	22	34
Louisiana	3,007	NA	912	366	307	491	842	942	804	108	39	6
17 Western States, total	5,021,379	4,416,417	42,783	25,131	15,820	24,445	38,790	42,701	38,861	10,999	4,176	18,908
Arizona	160,816	112,488	968	472	290	478	629	672	742	313	172	655
California	1,178,620	1,099,981	20,325	10,435	5,486	7,913	8,398	5,893	4,653	1,796	1,081	8,158
Colorado	577,787	492,672	2,280	1,582	1,093	1,858	3,904	4,969	2,912	560	182	972
Idaho	511,604	469,998	1,786	1,619	1,625	3,037	6,827	5,093	2,280	426	139	2,551
Kansas	77,955	21,674	122	45	38	68	244	689	1,912	1,071	391	12
Montana	417,668	410,610	687	542	481	968	2,278	2,952	2,490	724	300	513
Nebraska	56,068	40,025	186	134	125	312	1,888	7,007	8,173	865	164	82
Nevada	240,938	219,252	215	176	146	233	379	344	278	72	51	216
New Mexico	108,852	57,510	2,783	1,290	629	800	1,075	937	749	187	43	357
North Dakota	2,957	3,827	14	8	7	11	47	121	168	66	26	3
Oklahoma	15,868	9,222	111	47	39	138	473	694	682	215	64	18
Oregon	416,518	483,800	3,445	1,968	1,421	2,073	2,784	2,024	1,324	363	165	2,157
South Dakota	13,327	12,135	41	20	19	41	140	324	316	68	21	12
Texas	316,748	209,111	1,844	1,401	885	1,288	2,488	5,474	9,282	3,648	1,084	490
Utah	290,462	272,797	2,543	2,111	1,646	2,526	3,320	1,817	632	92	26	988
Washington	214,607	177,916	5,239	3,055	1,656	2,200	2,629	1,781	974	235	134	1,389
Wyoming	420,584	323,399	194	226	234	501	1,287	1,910	1,294	298	133	335
Farms with all harvested crops irrigated:												
18 States, total	3,394,764	2,910,164	40,254	22,665	13,666	20,613	30,900	27,103	17,139	4,124	1,565	...
Hawaii*	30,801	NA	977	63	14	10	1	2	3	2	9	...
Louisiana	348	NA	646	199	134	241	511	540	357	38	3	...
17 Western States, total	3,394,416	2,910,164	39,608	22,466	13,532	20,372	30,389	26,563	16,782	4,086	1,562	...
Arizona	95,666	53,003	916	453	282	467	621	665	736	307	167	...
California	646,462	550,152	19,182	9,732	4,943	7,122	7,327	4,859	3,468	1,187	685	...
Colorado	477,448	399,540	2,187	1,493	988	1,642	3,352	4,064	1,940	249	73	...
Idaho	404,223	370,619	1,698	1,522	1,532	2,800	6,231	4,185	1,451	185	47	...
Kansas	13,335	3,180	97	21	20	19	62	84	162	65	12	...
Montana	296,012	289,620	629	442	389	740	1,607	1,652	894	168	97	...
Nebraska	17,947	19,819	162	94	81	162	774	1,442	573	35	4	...
Nevada	182,767	183,645	206	171	146	220	356	327	258	67	35	...
New Mexico	86,196	36,837	2,653	1,216	572	737	970	830	593	118	24	...
North Dakota	1,066	1,175	8	2	3	5	33	65	22	1	...	...
Oklahoma	2,139	1,114	85	22	12	45	61	42	19	4	...	...
Oregon	221,672	285,622	2,716	1,311	878	1,242	1,615	1,028	530	109	48	...
South Dakota	6,939	4,636	29	14	14	22	80	138	60	1	...	...
Texas	204,557	100,874	1,691	1,179	680	890	1,493	2,911	4,114	1,299	250	...
Utah	237,898	222,224	2,420	1,927	1,471	2,201	2,727	1,355	363	34	9	...
Washington	138,071	119,999	4,745	2,655	1,311	1,614	1,971	1,353	609	50	9	...
Wyoming	362,017	268,105	184	212	210	444	1,109	1,563	990	207	102	...

NA Not available.
[1]Data for 1959 are for farms reporting any land irrigated in 1959. Data for 1954 are for farms reporting irrigated cropland harvested and/or pasture, except for Arkansas, Louisiana, and Southeastern Missouri where irrigated pasture was not included on the questionnaire.
[2]Other irrigated land (not cropland harvested).
* Not included in 18 States total.

Summary Table 3.–FARMS REPORTING AND ACRES OF LAND AND SELECTED CROPS–IRRIGATION FOR 18 STATES: 1959

Item or crop	Farms reporting					Acres in farm or crop					
	Total for 18 States	All or part of crops irrigated	All of crop irrigated	Part of crop irrigated	No part of crop irrigated	Total for 18 States	All or part of crop irrigated	All of crop irrigated	Part of crop irrigated	No part of crop irrigated	Percent irrigated
All farms	1,044,166	242,433	178,029	64,404	24,998	xxx	xxx	xxx	xxx	xxx	xxx
Land in farms	xxx	xxx	xxx	xxx	xxx	714,860,571	213,330,397	105,108,816	92,395,396	15,826,185	4.4
Irrigated farms	267,431	242,433	178,029	64,404	24,998	xxx	xxx	xxx	xxx	xxx	xxx
All land	xxx	xxx	xxx	xxx	xxx	213,330,397	197,504,212	105,108,816	92,395,396	15,826,185	14.6
Irrigated land	xxx	xxx	xxx	xxx	xxx	31,222,967	30,275,761	22,142,351	8,133,410	947,206	xxx
Cropland harvested	248,517	242,433	178,029	64,404	NA	38,481,837	37,836,891	18,747,587	19,089,304	644,946	68.1
Irrigated cropland harvested	xxx	xxx	xxx	xxx	xxx	26,198,581	NA	18,747,587	7,450,994	...	xxx
Land other than cropland irrigated	NA	NA	NA	NA	NA	5,024,386	NA	3,394,764	682,416	947,206	2.9
All specified crops harvested, total[1]	NA	NA	NA	NA	NA	145,919,684	26,640,234	23,560,674	3,079,560	119,279,450	18.3
FIELD CROPS											
All field crops harvested, total	NA	NA	NA	NA	NA	142,385,375	23,880,618	20,884 087	2,996,531	118,504,757	16.8
Corn for all purposes	331,676	52,518	42,441	10,077	279,158	17,226,242	2,582,552	1,857,738	724,814	14,643,690	15.0
Sorghums for all purposes including sirup	231,755	27,704	18,537	9,167	204,051	16,675,042	2,887,983	2,132,887	755,096	13,787,059	17.3
Small grains harvested, total	NA	NA	NA	NA	NA	64,882,038	5,251,160	4,703,047	548,113	59,630,878	8.1
All wheat	NA	NA	NA	NA	NA	39,405,930	1,760,700	1,328,536	432,164	37,645,230	4.5
Winter wheat	243,509	18,652	14,705	3,947	224,857	28,588,544	1,226,427	829,224	397,203	27,362,117	4.3
Spring wheat	NA	NA	NA	NA	NA	10,817,386	534,273	499,312	34,961	10,283,113	4.9
Oats	207,864	20,205	19,539	666	187,659	7,965,568	381,374	364,322	17,052	7,584,194	4.8
Barley	177,213	34,393	31,924	2,469	142,820	12,111,391	1,656,001	1,564,089	91,912	10,455,390	13.7
Rye	22,688	713	676	37	21,975	903,175	14,865	14,003	862	888,310	1.6
Flaxseed	34,027	269	263	6	33,758	2,388,420	37,760	37,623	137	2,350,660	1.6
Rice	6,806	6,806	6,806	...	...	1,198,088	1,198,088	1,198,088	...	...	100.0
Other grains	NA	NA	NA	NA	NA	909,466	202,372	196,386	5,986	707,094	22.3
Soybeans harvested for all purposes	40,825	1,413	1,298	115	39,412	1,412,504	58,087	54,738	3,349	1,354,417	4.1
Cowpeas harvested for all purposes[2]	13,735	451	428	23	13,284	193,783	12,780	11,837	943	181,003	6.6
Peanuts harvested for all purposes	16,630	1,248	1,007	241	15,382	362,107	47,166	37,658	9,508	314,941	13.0
Dry field and seed beans harvested for beans	15,280	14,108	13,996	112	1,172	830,537	663,172	654,971	8,201	167,365	79.8
Dry field and seed peas harvested for peas	3,620	1,398	1,390	8	2,222	336,419	47,906	47,388	518	288,513	14.2
Hay cut, total[3]	NA	NA	NA	NA	NA	28,193,290	7,279,157	6,796,002	483,155	20,914,133	25.8
Alfalfa and mixtures	305,372	101,148	94,047	7,101	204,224	11,956,343	4,629,073	4,343,682	285,391	7,327,270	38.7
Clover, timothy, and mixtures	48,205	14,497	13,344	1,153	33,708	1,699,501	875,279	821,282	53,997	824,222	51.5
Lespedeza	9,440	30	30	...	9,410	160,110	420	420	...	159,690	0.3
Vetch or peas	1,803	153	134	19	1,650	31,097	3,526	3,034	492	27,571	11.3
Oats, wheat, and other small grains	78,266	10,760	10,298	462	67,506	2,423,603	240,817	228,674	12,143	2,182,786	9.9
Wild hay	140,021	7,350	6,576	774	132,671	9,663,410	1,317,958	1,209,612	108,346	8,345,452	13.6
Other hay	84,010	4,271	3,906	365	79,739	2,071,365	165,580	148,065	17,515	1,905,785	8.0
Grass silage	6,415	1,385	1,193	192	5,030	187,861	46,504	41,233	5,271	141,357	24.8
Field seeds harvested, total	NA	NA	NA	NA	NA	1,584,908	391,546	383,775	7,771	1,193,362	24.7
Alfalfa seed	20,183	3,469	3,436	33	16,714	622,730	244,432	242,421	2,011	378,298	39.3
Red clover seed	7,226	2,564	2,557	7	4,662	112,522	41,972	41,886	86	70,550	37.3
Sweetclover seed	3,794	142	141	1	3,652	67,067	3,027	3,015	12	64,040	4.5
Other field seeds	NA	NA	NA	NA	NA	782,589	102,115	96,453	5,662	680,474	13.0
Cotton harvested	136,417	35,163	29,991	5,172	101,254	8,585,554	3,370,007	2,923,665	446,342	5,215,547	39.3
Irish potatoes harvested	93,377	14,025	13,942	83	79,352	570,297	443,002	439,687	3,315	127,295	77.7
Sweetpotatoes harvested	29,738	933	902	31	28,805	91,552	12,677	12,341	336	78,875	13.8
Sugar beets harvested	18,318	17,847	17,815	32	471	735,280	701,142	699,865	1,277	34,138	95.4
Hops harvested	425	408	403	5	17	33,115	32,736	32,430	306	379	989
Popcorn harvested	1,832	232	210	22	1,600	20,277	5,096	4,437	659	15,181	25.1
All other field crops harvested	NA	NA	NA	NA	NA	652,430	94,449	91,621	2,828	557,981	14.5
VEGETABLES											
Vegetables harvested for sale, total	37,410	19,159	18,956	203	18,251	1,439,729	1,113,305	1,105,592	7,713	326,424	77.3
Asparagus	1,366	1,234	1,226	8	132	100,581	98,993	97,414	1,579	1,588	98.4
Green snap beans	5,632	2,492	2,473	19	3,140	36,196	29,576	29,321	255	6,620	81.7
Cabbage	3,577	2,140	2,125	15	1,437	38,851	32,719	32,493	226	6,132	84.2
Cantaloups and muskmelons[4]	4,973	2,122	2,108	14	2,851	97,513	90,015	89,608	407	7,498	92.3
Sweet corn	10,501	5,616	5,563	53	4,885	93,597	78,093	76,679	1,414	15,504	83.4
Lettuce and romaine	2,331	2,081	2,066	15	250	181,144	179,937	179,299	638	1,207	99.3
Dry onions	4,082	3,018	2,995	23	1,064	71,692	58,935	58,690	245	12,757	82.2
Green peas (English)	2,424	1,541	1,533	8	883	146,445	24,569	24,307	262	121,876	16.8
Tomatoes	13,483	6,984	6,936	48	6,499	218,471	210,698	210,110	588	7,773	96.4
All other vegetables harvested for sale	NA	NA	NA	NA	NA	455,239	309,770	307,671	2,099	145,469	68.0
FRUITS AND NUTS											
Berries and other small fruits harvested for sale, total	NA	NA	NA	NA	NA	65,386	33,618	32,213	1,405	31,768	51.4
Strawberries	9,916	3,807	3,675	132	6,109	38,043	23,874	22,787	1,087	14,169	62.8
Blackberries and dewberries	3,624	810	785	25	2,814	7,428	2,043	1,965	78	5,385	27.5
Boysenberries	1,514	642	635	7	872	4,166	2,679	2,630	49	1,487	64.3
Raspberries	4,692	1,664	1,636	28	3,028	10,147	2,669	2,531	138	7,478	26.3
Cranberries	352	352	352	...	...	1,493	1,493	1,493	...	...	100.0
Blueberries	382	140	136	4	242	1,355	351	333	18	1,004	25.9
Other berries	NA	NA	NA	NA	NA	2,754	509	474	35	2,245	18.5
Tree fruits, nuts, and grapes, total	113,994	60,260	59,750	510	53,734	2,029,194	1,612,693	1,538,782	73,911	416,501	79.5

NA Not available.
[1]Nursery and greenhouse products (horticultural specialties) are the only excluded crops.
[2]Cowpeas for fresh market, or for canning, freezing or other processing are excluded.
[3]Sorghum hay and annual legumes hays (soybeans, cowpeas, peanuts, etc.) are excluded.
[4]Data for honeydew melons, reported separately in Arizona, included with cantaloups.

Summary Table 4.–IRRIGATION CROP SUMMARY[1]–FARMS REPORTING, ACREAGE,

[Data for 1959 and 1954 are not fully

	Item	Farms reporting						Acres					
		1959			1954			1959			1954		
		Irrigated[1]			Irrigated[1]			Irrigated[1]			Irrigated[1]		
		Total	Percent of total for item	Nonirrigated[1]	Total	Percent of total for item	Nonirrigated[1]	Total	Percent of total for item	Nonirrigated[1]	Total	Percent of total for item	Nonirrigated[1]
1	All farms and all land in farms	267,431	25.6	776,735	286,793	22.2	1,004,453	31,222,967	4.4	683,637,604	27,678,507	3.9	686,967,673
2	Cropland harvested	242,418	28.9	596,250	259,416	25.1	772,180	26,198,581	18.1	118,216,252	23,262,090	14.9	132,867,361
3	Irrigated farms and land in farms	267,431	100.0	...	286,793	100.0	...	31,222,967	14.6	182,107,430	27,678,507	14.5	163,116,841
4	Cropland harvested	242,418	97.5	6,099	259,416	97.7	6,235	26,198,581	68.1	12,283,256	23,262,090	71.2	9,400,077
5	All other land in irrigated farms	24,998	100.0	...	27,377	100.0	...	5,024,386	2.9	169,824,174	4,416,417	2.8	153,716,764
	CROPS HARVESTED												
6	All specified crops harvested[3]	NA	NA	NA	NA	NA	NA	23,560,674	16.1	122,359,010	21,681,465	13.7	136,423,540
	Field Crops												
7	All field crops harvested	NA	NA	NA	NA	NA	NA	20,884,087	14.7	121,501,288	19,342,491	12.5	135,428,313
8	Corn for all purposes	42,441	12.8	289,235	37,565	8.7	392,121	1,857,738	10.8	15,368,504	877,074	5.0	16,812,743
9	Harvested for grain...bushels	27,309	10.0	245,279	20,713	6.0	322,308	1,363,403	10.2	12,030,597	546,494	3.8	13,726,352
10	Sorghums for all purposes, including sirup	18,537	8.0	213,218	17,426	6.7	241,984	2,132,887	12.8	14,542,155	1,647,523	9.8	15,162,745
11	Harvested for grain or seed...bushels	15,932	8.8	165,209	13,031	9.3	126,740	1,947,613	14.2	11,793,816	1,420,996	12.7	9,756,185
12	Small grains, total	NA	NA	NA	NA	NA	NA	4,703,047	7.2	60,178,991	4,910,089	6.8	67,364,787
13	All wheat...bushels	NA	NA	NA	NA	NA	NA	1,328,536	3.4	38,077,394	902,936	2.2	40,418,883
14	Winter wheat...bushels	14,705	6.0	228,804	10,173	4.2	231,970	829,224	2.9	27,759,320	415,286	1.5	27,210,410
15	Spring wheat...bushels	NA	NA	NA	NA	NA	NA	499,312	4.6	10,318,074	487,650	3.6	13,208,473
16	Oats...bushels	19,539	9.4	188,325	25,344	8.4	274,878	364,322	4.6	7,601,246	410,691	3.4	11,719,813
17	Barley...bushels	31,924	18.0	145,289	36,730	21.6	133,643	1,564,089	12.9	10,547,302	1,669,239	16.5	8,433,575
18	Rye...bushels	676	3.0	22,012	129	0.7	19,598	14,003	1.6	889,172	1,920	0.3	733,942
19	Flaxseed...bushels	263	0.8	33,764	334	0.6	60,200	37,623	1.6	2,350,797	38,234	0.9	4,159,049
20	Rice...bushels	6,806	100.0	...	7,838	100.0	...	1,198,088	100.0	...	1,747,667	100.0	...
21	Other grains	NA	NA	NA	NA	NA	NA	196,386	21.6	713,080	139,402	6.8	1,899,525
22	Soybeans harvested for all purposes	1,298	3.2	39,527	762	1.6	46,546	54,738	3.9	1,357,766	19,109	1.7	1,088,569
23	Harvested for beans...bushels	1,244	4.1	29,379	626	2.2	28,102	53,281	4.4	1,170,078	18,565	2.4	762,188
24	Cowpeas harvested for all purposes[4]	428	3.1	13,307	798	3.1	24,801	11,837	6.1	181,946	18,118	7.0	240,114
25	Harvested for dry peas...bushels	215	3.2	6,442	188	2.1	8,795	7,354	10.3	63,991	2,671	4.6	55,393
26	Peanuts harvested for all purposes	1,007	6.1	15,623	493	1.8	27,200	37,658	10.4	324,449	10,732	2.6	405,677
27	Harvested for nuts...pounds	992	6.5	14,159	488	2.6	18,597	37,214	10.6	313,298	10,348	3.1	318,863
28	Dry field and seed beans harvested for beans...100-lb. bags	13,996	91.6	1,284	14,358	86.9	2,168	654,971	78.9	175,566	673,371	73.7	239,792
29	Dry field and seed peas harvested for peas...bushels	1,390	38.4	2,230	1,732	44.9	2,125	47,388	14.1	289,031	42,583	17.0	207,385
30	Hays cut, total[5]...tons	NA	NA	NA	NA	NA	NA	6,796,002	24.1	21,397,288	6,699,325	22.0	23,801,175
31	Alfalfa and mixtures...tons	94,047	30.8	211,325	114,321	30.3	262,531	4,343,682	36.3	7,612,661	4,375,629	34.8	8,211,083
32	Clover, timothy, and mixtures...tons	13,344	27.7	34,861	12,765	20.3	50,251	821,282	48.3	878,219	695,242	39.8	1,052,968
33	Lespedeza...tons	30	0.3	9,410	56	0.5	11,164	420	0.3	159,690	842	0.5	159,304
34	Vetch or peas...tons	134	7.4	1,669	202	4.5	4,326	3,034	9.8	28,063	2,297	4.1	53,074
35	Oats, wheat, and other small grains...tons	10,298	13.2	67,968	11,878	12.1	86,626	228,674	9.4	2,194,929	219,564	10.0	1,974,288
36	Wild hay...tons	6,576	4.7	133,445	7,527	4.6	157,265	1,209,612	12.5	8,453,798	1,220,588	10.7	10,191,910
37	Other hay...tons	3,906	4.6	80,104	4,958	5.1	91,567	148,065	7.1	1,923,300	158,703	7.3	2,027,240
38	Grass silage...tons, green weight	1,193	18.6	5,222	953	13.6	6,071	41,233	21.9	146,628	26,460	16.8	131,308
39	Field seed crops harvested	NA	NA	NA	NA	NA	NA	383,775	24.2	1,201,133	386,554	20.3	1,515,773
40	Alfalfa seed...bushels	3,436	17.0	16,747	5,648	15.8	30,134	242,421	38.9	380,309	292,410	30.5	667,532
41	Red clover seed...bushels	2,557	35.4	4,669	1,524	29.2	3,693	41,886	37.2	70,636	21,527	30.2	49,868
42	Sweetclover seed...bushels	141	3.7	3,653	257	2.8	8,894	3,015	4.5	64,052	5,940	3.9	145,184
43	Other field seeds	NA	NA	NA	NA	NA	NA	96,453	12.3	686,136	66,677	9.3	653,189
44	Cotton harvested...bales	29,991	22.0	106,426	30,974	14.1	189,131	2,923,665	34.1	5,661,889	2,909,240	27.4	7,697,124
45	Irish potatoes harvested...bushels	13,942	14.9	79,435	25,126	10.4	215,924	439,687	77.1	130,610	387,365	73.1	142,245
46	Sweetpotatoes harvested...bushels	902	3.0	28,836	1,704	2.9	57,269	12,341	13.5	79,211	14,131	11.4	110,252
47	Sugar beets harvested...tons	17,815	97.3	503	17,871	96.9	570	699,865	95.2	35,415	660,154	94.9	35,469
48	Hops harvested...pounds	403	94.8	22	360	86.1	58	32,430	97.9	685	23,833	95.0	1,255
49	Popcorn harvested...1,000 lb., ear corn	210	11.5	1,622	290	21.8	1,038	4,437	21.9	15,840	4,096	21.8	14,714
50	All other field crops harvested	NA	NA	NA	NA	NA	NA	91,621	14.0	560,809	59,194	9.1	588,494
	VEGETABLES HARVESTED FOR SALE												
51	Vegetables harvested for sale, total	18,956	50.7	18,454	20,978	38.5	33,557	1,105,592	76.8	334,137	975,609	69.8	422,695
52	Asparagus	1,226	89.8	140	1,231	82.7	258	97,414	96.9	3,167	83,595	97.5	2,167
53	Green snap beans	2,473	43.9	3,159	3,302	48.7	3,478	29,321	81.0	6,875	31,385	78.4	8,639
54	Cabbage	2,125	59.4	1,452	2,511	54.6	2,087	32,493	83.6	6,358	29,079	75.9	9,234
55	Cantaloups and muskmelons[6]	2,108	42.4	2,865	2,466	43.5	3,206	89,608	91.9	7,905	88,278	89.2	10,680
56	Sweet corn	5,563	53.0	4,938	6,674	66.8	3,321	76,679	81.9	16,918	76,217	80.7	18,276
57	Lettuce and romaine	2,066	88.6	265	2,735	86.8	415	179,299	99.0	1,845	174,040	99.0	1,828
58	Dry onions	2,995	73.4	1,087	2,726	66.4	1,380	58,690	81.9	13,002	38,082	59.7	25,720
59	Green peas (English)	1,533	63.2	891	1,846	59.1	1,277	24,307	16.6	122,138	25,770	18.0	117,044
60	Tomatoes	6,936	51.4	6,547	8,353	45.4	10,055	210,110	96.2	8,361	147,067	85.9	24,060
61	All other vegetables for sale	NA	NA	NA	NA	NA	NA	307,671	67.6	147,568	282,096	57.9	205,047
	FRUITS AND NUTS HARVESTED												
62	Berries and other small fruits harvested for sale, total	NA	NA	NA	NA	NA	NA	32,213	49.3	33,173	24,588	40.1	36,794
63	Strawberries...quarts	3,675	37.1	6,241	4,744	38.7	7,508	22,787	59.9	15,256	17,505	47.8	19,136
64	Blackberries and dewberries...quarts	785	21.7	2,839	579	17.2	2,778	1,965	26.5	5,463	948	11.9	6,990
65	Boysenberries...quarts	635	41.9	879	825	37.3	1,384	2,630	63.1	1,536	2,167	45.3	2,617
66	Raspberries...quarts	1,636	34.9	3,056	2,246	35.6	4,065	2,531	24.9	7,616	1,934	23.9	6,147
67	Cranberries...barrels	352	100.0	...	412	100.0	...	1,493	100.0	...	1,375	100.0	...
68	Blueberries...quarts	136	35.6	246	75	22.2	263	333	24.6	1,022	173	28.8	427
69	Other berries	NA	NA	NA	NA	NA	NA	474	17.2	2,280	486	24.8	1,477
70	Tree fruits, nuts, and grapes, total	59,750	52.4	54,244	67,668	51.0	64,964	1,538,782	75.8	490,412	1,338,777	71.4	535,738

NA Not available. [1]Data for a crop which was only partly irrigated are included with the nonirrigated crops. [2]17 conterminous Western States and Louisiana. [3]Nursery and greenhouse products (horticultural specialities) are the only excluded crops. [4]Cowpeas for fresh market, or for canning, freezing or other processing are excluded. [5]Sorghum hay and annual legume hays (soybeans, cowpeas, and peanuts,) are excluded. The acreages for soybeans, cowpeas, and peanuts include both acreage grown alone and acreage grown with other crops which were separately reported only in Louisiana. [6]Data for honeydew melons reported separately in Arizona, included with cantaloups.

PRODUCTION, AND VALUE OF PRODUCTION FOR 18 SPECIFIED STATES:[2] 1959 AND 1954

comparable. See text, page

Production										Value of production						
1959					1954					1959			1954			
Irrigated			Nonirrigated		Irrigated			Nonirrigated		Irrigated			Irrigated			
Total units	Percent of total for item	Average per acre	Total units	Average per acre	Total units	Percent of total for item	Average per acre	Total units	Average per acre	Dollars	Percent of total for item	Nonirrigated (dollars)	Dollars	Percent of total for item	Nonirrigated (Dollars)	
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	1
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	2
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	3
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	4
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	5
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	6
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	2,438,855,102	38.9	3,837,406,737	2,178,631,554	34.9	4,068,246,089	7
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	157,394,633	22.1	553,642,191	75,301,494	11.2	598,802,067	8
98,228,621	18.2	72.0	441,071,293	36.7	29,810,600	7.8	54.5	353,578,031	25.8	111,528,254	19.4	464,323,368	46,553,789	8.6	497,803,660	9
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	126,161,788	24.5	389,761,438	98,657,001	23.5	321,964,823	10
124,396,146	26.2	63.9	350,302,042	29.7	68,992,580	31.1	48.6	152,764,991	15.7	114,794,708	28.1	294,201,076	88,136,130	31.6	190,919,053	11
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	380,600,032	18.2	1,714,117,850	381,563,370	16.8	1,886,937,725	12
52,182,584	6.5	39.3	745,126,092	19.6	28,872,032	4.5	32.0	613,011,316	15.2	88,462,837	6.3	1,326,293,453	59,045,831	4.3	1,328,763,148	13
28,394,776	4.5	34.2	601,178,019	21.7	9,243,730	1.9	22.3	476,536,376	17.5	49,550,128	4.5	1,055,995,641	19,725,434	1.9	1,028,876,777	14
23,787,808	14.2	47.6	143,948,073	14.0	19,628,302	12.6	40.3	136,474,940	10.3	38,912,709	12.6	270,297,812	39,320,397	11.6	299,886,371	15
17,264,207	8.8	47.4	179,204,454	23.6	16,979,143	5.1	41.3	314,511,146	26.8	11,705,264	9.6	109,614,011	13,233,048	5.9	212,937,343	16
79,952,435	23.9	51.1	255,156,094	24.2	77,364,746	27.5	46.3	203,799,684	24.2	78,456,857	27.3	208,642,758	87,808,052	28.7	218,201,761	17
333,790	2.6	23.8	12,454,899	14.0	24,761	0.3	12.9	9,731,399	13.3	339,130	2.9	11,335,287	27,578	0.2	12,117,324	18
1,387,544	9.5	36.9	13,229,696	5.6	1,228,170	4.5	32.1	25,953,144	6.2	4,012,691	9.1	40,245,866	4,118,897	5.0	78,081,294	19
89,791,855	100.0	74.9	...	...	100,350,168	100.0	57.4	...	...	185,495,347	100.0	...	209,723,372	100.0	...	20
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,441,593	41.3	17,672,788	7,606,592	17.1	36,836,855	21
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	2,481,128	5.6	41,604,627	1,058,753	3.7	27,695,218	22
1,324,568	5.7	24.9	21,887,268	18.7	435,635	4.0	23.5	10,374,840	13.6	2,455,567	5.7	40,417,173	1,047,555	4.0	25,161,385	23
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	357,024	10.1	3,167,384	196,264	6.0	3,088,796	24
91,132	13.0	12.4	612,262	9.6	38,482	10.3	14.4	334,764	6.0	331,208	13.9	2,059,472	164,782	10.3	1,431,626	25
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	6,794,035	23.8	21,776,022	1,789,673	9.0	18,134,127	26
68,288,914	23.6	1,835	221,033,360	706	13,942,918	11.8	1,347	103,805,316	326	6,742,099	24.6	20,657,788	1,676,591	11.8	12,473,659	27
11,487,993	94.6	17.5	660,811	3.8	11,374,196	90.4	16.9	1,203,870	5.0	88,287,967	94.4	5,245,111	86,366,934	90.5	9,015,875	28
1,530,259	18.7	32.3	6,647,793	23.0	1,022,825	18.5	24.0	4,505,078	21.7	3,800,663	19.1	16,142,892	3,072,188	18.5	13,563,778	29
18,508,229	43.1	2.7	24,480,012	1.1	16,948,671	39.1	2.5	26,388,948	1.1	449,267,098	50.6	437,988,100	375,619,778	43.7	483,371,484	30
15,103,044	56.8	3.5	11,480,990	1.5	14,058,013	52.3	3.2	12,831,159	1.6	379,716,242	63.1	221,968,022	316,099,995	54.9	260,122,880	31
1,231,371	49.7	1.5	1,247,225	1.4	961,624	40.4	1.4	1,419,352	1.3	27,680,328	51.7	25,890,392	21,952,389	42.7	29,411,200	32
1,085	0.5	2.6	221,497	1.4	1,109	0.7	1.3	154,204	1.0	25,709	0.6	4,035,807	31,193	0.8	4,038,935	33
6,367	11.9	2.1	47,244	1.7	4,393	4.5	1.9	92,496	1.7	142,313	12.0	1,042,715	92,253	4.5	1,942,416	34
402,247	17.8	1.8	1,856,153	0.8	359,532	15.6	1.6	1,939,276	1.0	8,532,680	19.7	34,787,778	7,289,160	15.8	38,898,216	35
1,203,257	15.6	1.0	6,509,396	0.8	1,147,711	13.5	0.9	7,368,111	0.7	26,233,412	19.9	105,267,720	24,448,203	18.0	111,700,027	36
229,561	9.6	1.6	2,172,106	1.1	226,289	10.8	1.4	1,859,748	0.9	4,602,070	10.7	38,306,367	4,407,162	12.0	32,282,993	37
331,297	25.9	8.0	945,401	6.4	190,000	20.8	7.2	724,602	5.5	2,334,344	25.9	6,689,299	1,299,423	20.7	4,974,817	38
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	37,332,929	46.0	43,900,433	41,779,604	46.0	48,995,163	39
1,254,359	71.4	5.2	502,066	1.3	1,573,178	60.0	5.4	1,048,861	1.6	23,554,128	76.9	7,095,209	32,181,043	63.1	18,791,448	40
218,000	66.2	5.2	111,234	1.6	121,621	64.3	5.6	67,498	1.4	3,921,741	69.7	1,705,772	3,776,503	66.3	1,917,752	41
14,514	6.2	4.8	219,032	3.4	31,127	7.2	5.2	402,610	2.8	77,771	6.3	1,162,759	198,742	6.9	2,691,780	42
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	9,779,289	22.4	33,936,693	5,623,316	18.0	25,594,183	43
4,589,108	58.9	1.6	3,204,786	0.6	4,060,990	58.4	1.4	2,898,305	0.4	768,659,790	59.9	[4]515,097,864	[4]786,825,973	58.5	558,774,774	44
162,477,070	86.1	369.5	26,223,702	200.8	129,390,040	82.3	334.0	27,871,389	195.9	212,715,997	88.7	27,026,635	166,144,709	85.6	28,046,931	45
2,056,912	20.5	166.7	7,991,005	100.9	1,946,623	19.2	137.8	8,206,509	74.4	6,560,158	40.3	9,702,411	7,108,245	29.3	17,110,967	46
13,796,573	97.0	19.7	422,252	11.9	11,312,301	96.6	17.1	402,544	11.3	157,931,722	97.0	4,856,701	127,758,979	96.8	4,273,444	47
53,527,469	98.1	1,651	1,053,447	1,538	36,993,634	96.7	1,552	1,281,419	1,021	26,611,749	98.2	490,071	14,907,610	96.5	544,812	48
8,299	25.3	1.9	24,496	1.5	6,930	30.9	1.7	15,492	1.1	204,950	28.0	528,012	279,893	37.5	466,860	49
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	13,693,439	20.7	52,358,995	10,201,086	17.7	47,459,245	50
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	370,033,730	91.0	36,509,326	250,314,681	79.5	64,558,985	51
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	NA	NA	NA	NA	NA	NA	52
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	NA	NA	NA	NA	NA	NA	53
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	NA	NA	NA	NA	NA	NA	54
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	NA	NA	NA	NA	NA	NA	55
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	NA	NA	NA	NA	NA	NA	56
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	NA	NA	NA	NA	NA	NA	57
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	NA	NA	NA	NA	NA	NA	58
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	NA	NA	NA	NA	NA	NA	59
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	NA	NA	NA	NA	NA	NA	60
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	NA	NA	NA	NA	NA	NA	61
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	43,431,217	72.5	16,059,275	32,908,891	63.4	18,989,771	62
141,303,547	74.6	6,201	48,128,007	3,155	95,635,026	66.0	5,463	49,187,502	2,570	37,822,698	78.0	10,640,576	27,231,634	70.9	11,170,719	63
8,597,110	41.8	4,375	11,979,410	2,193	3,590,778	23.2	3,788	11,903,855	1,703	1,037,593	41.6	1,457,970	521,579	21.0	1,961,193	64
10,136,177	71.9	3,854	3,968,529	2,584	9,370,747	63.1	4,324	5,478,940	2,094	1,217,437	71.7	480,925	2,069,916	66.0	1,064,308	65
6,038,888	28.7	2,386	14,978,590	1,967	4,626,323	25.5	2,392	13,483,728	2,194	1,519,284	32.4	3,167,348	1,621,184	28.5	4,070,270	66
154,301	100.0	103.3	...	...	93,031	100.0	67.7	...	...	1,383,473	100.0	...	1,116,372	100.0	...	67
903,508	41.5	2,713	1,273,924	1,247	211,630	30.1	1,223	492,346	1,153	257,500	41.5	363,134	69,838	30.1	162,367	68
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	193,232	32.6	399,322	278,368	33.2	560,914	69
xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	NA	NA	NA	NA	NA	NA	70

Summary Table 5.–SPECIFIED CROPS IRRIGATED[1]–FARMS REPORTING, ACREAGE, AND

	State and item	Corn for all purposes						Corn harvested for grain					
		Farms reporting			Acres			Farms reporting			Acres		
		1959	1954	1949	1959	1954	1949	1959	1954	1949	1959	1954	1949
	18 States:												
1	Total.....	331,676	429,686	560,793	17,226,242	17,689,817	20,116,645	272,588	343,021	507,075	13,394,000	14,272,846	17,830,016
2	Irrigated.....	42,441	37,565	33,939	1,857,738	877,074	634,756	27,309	20,713	22,326	1,363,403	546,494	457,136
3	Nonirrigated...	289,235	392,121	526,854	15,368,504	16,812,743	19,481,889	245,279	322,308	484,749	12,030,597	13,726,352	17,372,880
	Louisiana:												
4	Irrigated.....	168	543	327	1,067	3,881	645	157	447	205	1,000	3,330	460
5	Nonirrigated.....	34,097	57,529	71,846	395,512	602,569	721,237	32,529	54,302	70,056	361,639	554,116	690,349
	Hawaii:*												
6	Irrigated.....	9	NA	NA	192	NA	NA	9	NA	NA	192	NA	NA
7	Nonirrigated.....	14	NA	NA	41	NA	NA	14	NA	NA	41	NA	NA
	17 Western States:												
8	Total.....	297,411	371,614	488,620	16,829,663	17,083,367	19,394,763	239,902	288,272	436,814	13,031,361	13,715,400	17,139,207
9	Irrigated.....	42,273	37,022	33,612	1,856,671	873,193	634,111	27,152	20,266	22,121	1,362,403	543,164	456,676
10	Nonirrigated..	255,138	334,592	455,008	14,972,992	16,210,174	18,760,652	212,750	268,006	414,693	11,668,958	13,172,236	16,682,531
	Arizona:												
11	Irrigated.....	387	808	825	11,158	14,755	13,213	153	441	543	3,079	6,615	9,361
12	Nonirrigated.....	52	153	185	17,907	12,324	17,476	21	98	121	17,032	11,429	15,944
	California:												
13	Irrigated.....	4,850	3,918	2,415	241,043	132,067	39,644	2,178	1,939	899	151,084	89,689	16,871
14	Nonirrigated.....	344	553	1,207	14,608	10,646	20,012	111	260	561	10,717	5,792	11,838
	Colorado:												
15	Irrigated.....	8,623	8,415	9,800	316,918	185,195	189,402	5,888	4,386	6,975	181,278	77,166	121,904
16	Nonirrigated.....	2,269	3,461	6,380	157,437	210,427	423,840	1,354	1,864	4,814	112,944	136,356	350,991
	Idaho:												
17	Irrigated.....	3,476	3,484	2,651	75,934	42,218	24,035	1,742	1,342	1,602	23,654	13,737	12,302
18	Nonirrigated.....	1,128	149	231	1,884	1,792	1,905	19	31	123	165	245	793
	Kansas:												
19	Irrigated.....	911	254	55	49,986	10,013	1,551	602	129	48	37,391	5,461	1,439
20	Nonirrigated.....	42,267	50,303	65,052	1,819,955	2,023,859	2,367,022	38,621	29,428	61,966	1,637,425	1,312,024	2,229,512
	Montana:												
21	Irrigated.....	839	713	591	23,999	15,839	10,012	95	112	225	2,265	1,727	2,884
22	Nonirrigated.....	1,451	2,479	2,335	86,224	140,189	116,991	28	141	192	580	3,555	3,738
	Nebraska:												
23	Irrigated.....	9,133	4,906	3,667	841,739	300,533	239,231	8,964	4,639	3,493	805,763	275,363	229,760
24	Nonirrigated.....	62,276	78,671	84,884	5,852,183	6,431,648	7,161,716	61,156	77,185	83,742	5,649,411	6,106,226	6,977,733
	Nevada:												
25	Irrigated.....	159	169	170	4,055	2,939	1,938	31	27	54	305	282	300
26	Nonirrigated.....	3	4	8	115	104	50	1	3	3	3	85	15
	New Mexico:												
27	Irrigated.....	2,172	3,576	4,471	23,048	20,327	29,096	1,744	2,931	3,815	12,423	12,263	23,957
28	Nonirrigated.....	669	1,034	3,981	11,004	19,917	60,945	517	714	3,430	8,617	12,899	48,941
	North Dakota:												
29	Irrigated.....	53	36	72	1,545	760	1,596	...	6	9	...	120	191
30	Nonirrigated.....	23,227	29,006	29,813	1,308,111	1,224,830	1,170,593	5,423	11,929	14,129	267,887	394,180	509,841
	Oklahoma:												
31	Irrigated.....	65	39	9	2,157	560	204	43	24	9	1,493	326	204
32	Nonirrigated.....	12,351	17,164	56,986	210,268	276,360	1,068,020	11,558	11,617	55,491	194,853	187,179	1,035,785
	Oregon:												
33	Irrigated.....	1,516	1,157	738	32,220	15,076	6,102	808	611	490	16,081	7,107	3,589
34	Nonirrigated.....	1,312	1,517	3,004	19,578	12,510	19,208	675	645	1,427	11,136	5,442	7,523
	South Dakota:												
35	Irrigated.....	309	263	244	13,415	8,905	7,846	198	132	126	8,388	4,031	2,831
36	Nonirrigated.....	40,754	49,766	50,167	4,087,111	4,004,952	4,007,033	30,064	45,121	43,534	2,448,097	3,348,760	3,259,124
	Texas:												
37	Irrigated.....	2,621	2,746	2,069	57,338	38,866	18,721	1,782	1,567	1,693	36,498	22,342	14,687
38	Nonirrigated.....	65,983	98,606	148,167	1,358,012	1,798,222	2,282,795	63,074	88,717	144,537	1,306,546	1,643,550	2,222,716
	Utah:												
39	Irrigated.....	3,414	3,552	3,434	43,485	34,486	26,116	388	295	666	4,156	2,571	3,992
40	Nonirrigated.....	97	323	405	1,051	2,826	3,630	13	29	66	76	245	365
	Washington:												
41	Irrigated.....	2,634	2,062	1,689	81,434	31,383	12,943	1,904	1,445	1,174	59,453	20,932	7,370
42	Nonirrigated.....	578	692	1,364	6,549	5,972	7,009	53	94	270	1,090	1,239	1,411
	Wyoming:												
43	Irrigated.....	1,111	924	712	37,197	19,271	12,461	632	240	300	19,092	3,432	5,034
44	Nonirrigated.....	377	711	839	20,995	33,596	32,407	62	130	287	2,379	3,030	6,261

See footnotes at end of table.

PRODUCTION, 1959, 1954, AND 1949; AND QUANTITY SOLD, 1959; FOR 19 SPECIFIED STATES

Corn harvested for grain—Continued						Sorghums for all purposes						Sorghums harvested for grain or for seed			
Production (bushels)					Bushels sold, 1959	Farms reporting			Acres			Farms reporting			
1959	1954	1949	Average per acre			1959	1954	1949[7]	1959	1954	1949[7]	1959	1954	1949	
			1959	1954											
539,299,914	383,388,631	466,543,742	40.3	26.9	297,950,479	231,755	259,410	259,308	16,675,042	16,810,268	9,734,946	181,141	139,771	130,123	1
98,228,621	29,810,600	20,574,359	72.0	54.5	71,119,598	18,537	17,426	9,984	2,132,887	1,647,523	642,276	15,932	13,031	7,316	2
441,071,293	353,578,031	445,969,383	36.7	25.8	226,830,881	213,218	241,984	249,324	14,542,155	15,162,745	9,092,670	165,209	126,740	122,807	3
54,820	126,123	16,180	54.8	37.9	26,501	2	12	4	61	320	4	1	2	...	4
11,041,790	10,666,987	13,013,877	30.5	19.3	2,975,589	797	1,519	1,679	11,855	14,347	8,244	231	268	340	5
2,795	NA	NA	14.6	NA	455	...	NA	NA	...	NA	NA	...	NA	NA	6
1,796	NA	NA	43.8	NA	528	...	NA	NA	...	NA	NA	...	NA	NA	7
528,203,304	372,595,521	453,513,685	40.5	27.2	294,948,389	230,956	257,879	257,625	16,663,126	16,795,601	9,726,698	180,909	139,501	129,783	8
98,173,801	29,684,477	20,558,179	72.1	54.7	71,093,097	18,535	17,414	9,980	2,132,826	1,647,203	642,272	15,931	13,029	7,316	9
430,029,503	342,911,044	432,955,506	36.9	26.0	223,855,292	212,421	240,465	247,645	14,530,300	15,148,398	9,084,426	164,978	126,472	122,467	10
106,448	220,970	203,268	34.6	33.4	67,378	1,245	1,695	1,189	140,404	132,823	67,018	799	1,191	881	11
140,560	86,895	185,009	8.3	7.6	2,450	31	44	77	1,055	819	1,286	5	5	15	12
10,333,611	5,127,537	673,366	68.4	57.2	9,553,609	2,762	2,101	1,321	220,661	117,538	48,457	2,355	1,572	1,033	13
700,188	261,182	477,445	65.3	45.1	649,365	224	268	498	22,254	17,308	19,316	161	164	403	14
12,969,802	4,160,804	6,186,385	71.5	53.9	7,936,106	1,599	1,100	874	89,387	35,886	21,606	1,352	672	595	15
2,112,580	1,583,399	5,430,260	18.7	11.6	1,258,066	4,515	6,113	7,269	519,821	759,991	575,641	2,534	2,816	2,492	16
1,784,299	841,185	676,650	75.4	61.2	889,860	22	2	4	569	34	26	12	2	3	17
10,902	10,916	37,097	66.1	44.6	4,076	1	...	...	30	...	...	...	...	...	18
2,450,957	224,653	69,855	65.5	41.1	1,820,300	1,010	558	217	135,332	70,883	18,731	934	460	188	19
67,451,466	30,998,736	61,715,432	41.2	23.6	35,038,180	67,549	74,949	61,551	4,661,229	5,352,068	2,247,855	58,727	46,419	34,447	20
123,154	57,359	91,580	54.4	33.2	59,414	4	...	11	68	...	189	...	...	...	21
18,910	58,825	66,063	32.6	16.5	12,300	3	7	122	105	235	2,295	1	4	2	22
59,994,850	15,535,984	10,682,142	74.5	56.4	43,416,420	1,429	573	125	49,911	13,588	3,230	1,256	377	57	23
250,223,710	169,083,590	213,576,966	44.3	27.7	141,112,958	33,862	24,642	14,679	1,501,569	745,400	295,902	30,199	16,363	4,457	24
18,634	10,662	12,584	61.1	37.8	7,254	18	6	7	297	121	80	10	3	7	25
175	1,175	510	58.3	13.8	...	...	...	1	...	...	10	...	...	1	26
472,917	360,459	548,183	38.1	29.4	171,546	1,403	1,809	1,157	98,280	86,962	34,874	907	900	497	27
133,650	157,144	664,677	15.5	12.2	32,957	1,212	1,820	3,578	186,300	331,094	485,233	791	1,125	2,461	28
...	5,450	7,919	...	45.4	...	1	...	...	30	...	...	...	NA	...	29
6,750,774	9,086,147	11,457,758	25.2	23.1	3,499,928	525	724	2,498	9,719	10,001	34,133	25	NA	20	30
90,090	16,720	7,246	60.3	51.3	51,060	235	155	70	17,582	6,238	2,855	189	106	57	31
6,143,428	2,195,987	19,196,911	31.5	11.7	2,005,918	26,619	36,339	42,852	1,135,054	1,565,429	1,057,621	16,885	11,850	20,789	32
1,258,184	468,136	175,819	78.2	65.9	822,540	7	...	...	228	...	...	6	...	...	33
531,475	289,640	308,530	47.7	53.2	308,867	1	2	...	1	33	...	...	2	...	34
466,402	135,433	93,187	55.6	33.6	191,957	18	16	9	852	521	106	8	NA	4	35
61,167,507	101,362,317	76,056,137	25.0	30.3	24,787,625	8,428	5,610	7,213	276,538	141,078	147,410	4,130	NA	656	36
1,797,261	811,428	436,370	49.2	36.3	1,365,914	8,452	9,318	4,924	1,371,249	1,181,980	444,638	7,841	7,724	3,989	37
34,478,973	27,605,913	43,641,027	26.4	16.8	15,046,417	69,357	89,903	107,137	6,214,051	6,223,668	4,213,550	51,510	47,712	56,721	38
270,620	148,914	128,322	65.1	57.9	138,537	43	67	62	393	405	346	15	12	4	39
5,867	10,078	7,906	77.2	41.1	1,925	2	10	7	14	98	30	1	...	2	40
4,900,100	1,403,278	402,276	82.4	67.0	4,064,474	254	11	...	7,089	122	...	245	10	...	41
80,520	60,700	47,553	73.9	49.0	49,755	1	3	...	46	70	...	1	3	...	42
1,136,472	155,505	163,027	59.5	45.3	536,728	33	3	10	494	102	116	2	...	1	43
78,818	58,400	86,225	33.1	19.3	44,505	91	31	163	2,514	1,106	4,144	8	9	1	44

Summary Table 5.–SPECIFIED CROPS IRRIGATED[1]–FARMS REPORTING, ACREAGE, AND

	State and item	Sorghums harvested for grain or for seed—Continued									Grains grown together and threshed as a mixture			
		Acres			Production (bushels)					Bushels sold, 1959	Farms reporting		Acres	
		1959	1954	1949	1959	1954	1949	Average per acre			1954	1949	1954	1949
								1959	1954					
	18 States:													
1	Total	13,741,429	11,177,181	6,229,121	474,698,188	221,757,571	139,951,516	34.5	19.8	365,054,904	20,737	27,518	487,219	850,050
2	Irrigated	1,947,613	1,420,996	545,659	124,396,146	68,992,580	22,848,137	63.9	48.6	110,750,343	9,199	8,135	117,940	115,328
3	Nonirrigated	11,793,816	9,756,185	5,683,462	350,302,042	152,764,991	117,103,379	29.7	15.7	254,304,561	11,538	19,383	369,279	734,722
	Louisiana:													
4	Irrigated	20	34	...	180	880	...	9.0	25.9	...	NA	NA	NA	NA
5	Nonirrigated	5,239	3,650	2,684	140,489	72,457	45,239	26.8	19.9	47,553	NA	NA	NA	NA
	Hawaii:*													
6	Irrigated	...	NA	NA	...	NA	NA	...	NA	...	NA	NA	NA	NA
7	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	NA	NA	NA	NA
	17 Western States:													
8	Total	13,736,170	11,173,497	6,226,437	474,557,519	221,684,234	139,906,277	34.5	19.8	365,007,351	20,737	27,518	487,219	850,050
9	Irrigated	1,947,593	1,420,962	545,659	124,395,966	68,991,700	22,848,137	63.9	48.6	110,750,343	9,199	8,135	117,940	115,328
10	Nonirrigated	11,788,577	9,752,535	5,680,778	350,161,553	152,692,534	117,058,140	29.7	15.7	254,257,008	11,538	19,383	369,279	734,722
	Arizona:													
11	Irrigated	100,521	104,112	55,631	5,768,071	5,160,341	2,493,345	57.4	49.6	4,972,829	NA	NA	NA	NA
12	Nonirrigated	255	81	409	9,268	1,402	7,901	36.3	17.3	...	NA	NA	NA	NA
	California:													
13	Irrigated	195,402	97,505	42,361	12,626,952	5,250,295	1,696,055	64.6	53.8	11,361,277	NA	77	NA	3,429
14	Nonirrigated	19,656	13,837	16,675	999,452	658,355	691,888	50.8	47.6	949,837	NA	304	NA	28,334
	Colorado:													
15	Irrigated	76,241	22,200	16,378	3,500,614	718,822	624,138	45.9	32.4	2,357,409	267	649	4,425	12,509
16	Nonirrigated	307,971	363,610	281,242	5,073,827	3,284,719	4,492,966	16.5	9.0	3,234,953	185	753	10,821	48,143
	Idaho:													
17	Irrigated	220	34	21	11,735	156	567	53.3	4.6	NA	6,475	4,594	73,320	54,910
18	Nonirrigated	...	...	...	...	...	...	...	...	NA	623	441	20,016	16,776
	Kansas:													
19	Irrigated	123,347	50,614	15,815	7,453,224	2,073,466	699,463	60.4	41.0	5,726,269	1	2	30	38
20	Nonirrigated	3,711,981	3,495,378	1,345,965	115,747,879	47,751,513	28,533,189	31.2	13.7	72,409,087	1,419	1,479	46,096	65,664
	Montana:													
21	Irrigated	...	...	...	...	...	...	...	...	...	326	356	7,605	8,204
22	Nonirrigated	50	187	32	447	773	145	8.9	4.1	...	424	477	17,876	22,353
	Nebraska:													
23	Irrigated	45,557	9,632	1,385	3,123,065	442,895	43,979	68.6	46.0	2,367,739	16	26	343	461
24	Nonirrigated	1,347,526	508,327	105,573	56,812,255	13,667,604	2,485,092	42.2	26.9	38,515,768	1,568	6,437	45,763	201,086
	Nevada:													
25	Irrigated	131	90	80	7,687	2,700	488	58.7	30.0	NA	8	NA	189	NA
26	Nonirrigated	...	...	10	...	...	...	...	...	...	...	NA	...	NA
	New Mexico:													
27	Irrigated	74,442	54,009	16,928	3,821,657	1,994,950	545,988	51.3	37.0	3,229,189	35	150	590	1,187
28	Nonirrigated	139,622	219,335	388,617	3,247,184	2,576,900	8,442,005	23.3	11.7	2,528,763	33	134	1,993	6,168
	North Dakota:													
29	Irrigated	...	NA	...	...	NA	...	...	NA	...	6	14	119	294
30	Nonirrigated	456	NA	234	10,000	NA	3,689	21.9	NA	4,380	598	569	23,664	42,794
	Oklahoma:													
31	Irrigated	13,998	4,639	2,493	702,874	154,153	60,661	50.2	33.2	559,419	2	...	52	...
32	Nonirrigated	707,170	609,005	529,788	16,614,616	6,046,607	7,870,671	23.5	9.9	9,302,841	2,623	1,771	76,556	68,351
	Oregon:													
33	Irrigated	217	...	...	13,350	...	...	61.5	...	NA	579	402	8,607	6,565
34	Nonirrigated	...	33	...	...	267	...	...	8.1	NA	1,904	2,557	43,002	64,963
	South Dakota:													
35	Irrigated	469	NA	57	25,539	NA	650	54.5	NA	21,464	2	8	14	268
36	Nonirrigated	139,073	NA	19,343	3,148,466	NA	236,043	22.6	NA	1,218,036	851	1,147	38,636	50,330
	Texas:													
37	Irrigated	1,309,919	1,077,929	394,461	86,886,123	53,185,972	16,682,388	66.3	49.3	80,154,391	55	30	3,349	1,514
38	Nonirrigated	5,414,685	4,542,166	2,992,788	148,495,871	78,697,679	64,293,351	27.4	17.3	126,093,230	627	2,407	26,959	88,293
	Utah:													
39	Irrigated	158	78	19	8,778	1,992	265	55.6	25.5	NA	1,136	1,426	13,595	17,343
40	Nonirrigated	5	...	27	110	...	300	22.0	...	NA	106	214	2,549	10,309
	Washington:													
41	Irrigated	6,940	120	...	444,404	5,958	...	64.0	49.7	NA	73	82	914	1,247
42	Nonirrigated	46	70	...	571	2,050	...	12.4	29.3	NA	509	521	12,375	14,326
	Wyoming:													
43	Irrigated	31	...	30	1,893	...	150	61.1	...	357	218	319	4,788	7,359
44	Nonirrigated	81	506	75	1,607	4,665	900	19.8	9.2	113	68	172	2,973	6,832

See footnotes at end of table.

PRODUCTION, 1959, 1954, AND 1949; AND QUANTITY SOLD, 1959; FOR 19 SPECIFIED STATES—Continued

Grains grown together and threshed as a mixture—Continued			Winter wheat harvested												
Production (bushels)			Farms reporting			Acres			Production (bushels)					Bushels sold, 1959	
												Average per acre			
1954	1949	Average per acre, 1954	1959	1954	1949	1959	1954	1949	1959	1954	1949	1959	1954		
12,581,433	17,165,789	25.8	243,509	242,143	269,807	28,588,544	27,625,696	38,491,727	629,572,795	485,780,106	523,515,363	22.0	17.6	595,303,478	1
5,732,019	4,868,697	48.6	14,705	10,173	10,686	829,224	415,286	469,680	28,394,776	9,243,730	11,987,502	34.2	22.3	27,566,147	2
6,849,414	12,297,092	18.5	228,804	231,970	259,121	27,759,320	27,210,410	38,022,047	601,178,019	476,536,376	511,527,861	21.7	17.5	567,737,331	3
NA	NA	NA	4	NA	NA	152	NA	NA	4,172	NA	NA	27.4	NA	3,865	4
NA	NA	NA	509	NA	NA	32,309	NA	NA	704,896	NA	NA	21.8	NA	662,353	5
NA	NA	NA	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	6
NA	NA	NA	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	7
12,581,433	17,165,789	25.8	242,996	242,143	269,807	28,556,083	27,625,696	38,491,727	628,863,727	485,780,106	523,515,363	22.0	17.6	594,637,260	8
5,732,019	4,868,697	48.6	14,701	10,173	10,686	829,072	415,286	469,680	28,390,604	9,243,730	11,987,502	34.2	28.8	27,562,282	9
6,849,414	12,297,092	18.5	228,295	231,970	259,121	27,727,011	27,210,410	38,022,047	600,473,123	476,536,376	511,527,861	21.7	17.5	567,074,978	10
NA	NA	NA	603	247	705	72,079	7,347	21,879	3,053,948	217,362	646,017	42.4	29.6	3,020,391	11
NA	NA	NA	21	74	110	854	3,906	5,315	12,691	42,494	61,488	14.9	10.9	11,383	12
NA	118,562	NA	1,349	715	962	76,114	53,603	117,705	3,173,748	1,697,061	4,091,708	41.7	31.7	3,105,518	13
NA	647,171	NA	1,535	2,386	3,407	261,738	405,467	503,179	4,996,292	7,138,796	7,118,649	19.1	17.6	4,748,942	14
133,246	428,876	30.1	2,441	1,339	2,460	55,416	25,949	61,783	1,911,210	566,058	1,579,704	34.5	21.8	1,816,586	15
103,620	851,629	9.6	9,018	7,921	9,903	2,157,082	1,504,938	2,248,128	46,830,408	14,799,140	33,527,157	21.7	9.8	43,737,332	16
3,997,557	2,649,311	54.5	726	639	736	17,442	15,314	14,043	653,716	438,245	408,102	37.5	28.6	607,505	17
480,505	364,108	24.0	4,625	4,851	6,135	656,741	631,168	947,822	19,407,968	16,763,898	20,143,001	29.6	26.6	18,559,620	18
100	650	3.3	450	263	...	58,322	21,012	...	1,824,962	341,212	...	31.3	16.2	1,765,498	19
766,086	826,548	16.6	82,555	83,940	87,782	9,797,900	9,462,468	13,397,688	197,779,801	162,766,930	145,657,700	20.2	17.2	186,284,704	20
275,157	268,958	36.2	713	972	676	30,771	41,113	32,639	1,096,988	1,175,113	761,499	35.7	28.6	1,043,936	21
355,055	330,499	19.9	8,464	7,991	6,478	1,610,044	1,516,596	1,226,830	39,368,664	35,860,824	20,103,528	24.5	23.6	37,300,110	22
6,105	14,008	17.8	590	262	344	16,350	7,624	13,704	403,984	162,342	232,566	24.7	21.3	386,631	23
849,380	3,320,813	18.6	45,601	45,724	48,868	2,977,529	2,964,812	3,792,110	64,517,078	56,479,215	51,137,256	21.7	19.0	60,789,772	24
4,887	NA	25.9	103	105	193	6,005	3,300	4,115	211,237	91,765	110,943	35.2	27.8	192,764	25
...	NA	...	2	1	12	60	15	245	320	150	4,767	5.3	10.0	280	26
15,520	22,244	26.3	677	1,235	742	32,413	12,202	12,814	1,197,050	222,056	236,781	36.9	18.2	1,157,056	27
17,126	69,538	8.6	708	718	2,064	177,277	95,304	461,746	2,349,549	491,168	4,464,902	13.3	5.2	2,187,110	28
3,450	11,159	29.0	1	...	...	30	...	...	900	...	...	30.0	...	850	29
408,273	520,296	17.3	251	334	392	22,493	19,193	24,263	323,160	147,679	311,025	14.4	7.7	298,695	30
827	...	15.9	167	56	33	9,832	3,466	2,101	246,731	58,989	23,343	25.1	17.0	239,860	31
997,732	810,009	13.0	35,567	39,442	39,856	4,311,421	4,463,716	6,263,688	83,490,616	65,337,630	78,659,212	19.4	14.6	78,493,224	32
406,425	274,025	47.2	577	607	325	17,729	16,420	13,249	893,890	656,337	392,764	50.4	40.0	873,588	33
1,264,814	1,719,819	29.4	5,766	6,217	7,135	678,810	686,207	736,856	24,475,932	19,820,005	15,809,700	36.1	28.9	23,627,140	34
890	6,215	63.6	26	4	17	980	40	734	20,298	424	13,645	20.7	10.6	18,732	35
812,773	812,546	21.0	3,477	2,609	2,395	411,828	319,671	243,768	6,293,271	4,453,082	3,129,620	15.3	13.9	5,887,396	36
72,281	49,733	21.6	4,162	2,152	1,391	393,305	181,880	135,241	11,740,999	2,855,929	2,430,922	29.9	15.7	11,462,115	37
287,557	1,387,872	10.7	21,388	19,475	32,836	2,637,826	2,840,638	5,490,018	38,375,391	26,206,885	72,846,310	14.5	9.2	36,180,025	38
601,499	734,032	44.2	1,138	1,181	1,721	16,385	14,900	30,023	623,588	396,240	822,881	38.1	26.6	555,484	39
59,365	162,345	23.3	1,215	1,795	2,312	156,086	247,563	301,314	2,472,549	3,304,642	4,916,702	15.8	13.3	2,294,724	40
37,555	51,039	41.1	849	294	129	22,419	9,117	2,523	1,261,562	332,055	74,476	56.3	36.4	1,247,631	41
398,633	354,366	32.2	6,747	7,161	7,683	1,656,974	1,857,515	2,122,499	65,101,559	60,754,660	48,612,603	39.3	32.7	62,266,291	42
176,520	239,885	36.9	129	102	252	3,480	1,999	7,127	75,793	32,542	162,151	21.8	16.3	68,137	43
48,495	119,533	16.3	1,355	1,381	1,753	212,348	191,233	256,578	4,677,874	2,169,178	5,024,241	22.0	11.3	4,408,230	44

Summary Table 5.–SPECIFIED CROPS IRRIGATED[1]–FARMS REPORTING, ACREAGE, AND

	State and item	Spring wheat harvested									Oats harvested		
		Acres			Production (bushels)					Bushels sold, 1959	Farms reporting		
								Average per acre					
		1959	1954	1949	1959	1954	1949	1959	1954		1959	1954	1949
	18 States:												
1	Total	10,817,386	13,696,123	19,034,223	167,735,881	156,103,242	202,816,550	15.5	11.4	151,284,752	207,864	300,222	290,649
2	Irrigated	499,312	487,650	590,080	23,787,808	19,628,302	19,174,076	47.6	40.3	22,429,417	19,539	25,344	29,419
3	Nonirrigated	10,318,074	13,208,473	18,444,143	143,948,073	136,474,940	183,642,474	14.0	10.3	128,855,335	188,325	274,878	261,230
	Louisiana:												
4	Irrigated	NA	NA	NA	NA	NA	NA	NA	NA	NA	5	37	10
5	Nonirrigated	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,711	4,276	1,878
	Hawaii:*												
6	Irrigated	NA	NA	NA	NA	NA	NA	NA	NA	NA	...	NA	NA
7	Nonirrigated	NA	NA	NA	NA	NA	NA	NA	NA	NA	...	NA	NA
	17 Western States:												
8	Total	10,817,386	13,696,123	19,034,223	167,735,881	156,103,242	202,816,550	15.5	11.4	151,284,752	206,148	295,909	288,761
9	Irrigated	499,312	487,650	590,080	23,787,808	19,628,302	19,174,076	47.6	40.3	22,429,417	19,534	25,307	29,409
10	Nonirrigated	10,318,074	13,208,473	18,444,143	143,948,073	136,474,940	183,642,474	14.0	10.3	128,855,335	186,614	270,602	259,352
	Arizona:												
11	Irrigated	NA	NA	NA	NA	NA	NA	NA	NA	NA	46	181	168
12	Nonirrigated	NA	NA	NA	NA	NA	NA	NA	NA	NA	13	35	65
	California:												
13	Irrigated	NA	NA	NA	NA	NA	NA	NA	NA	NA	328	558	426
14	Nonirrigated	NA	NA	NA	NA	NA	NA	NA	NA	NA	807	1,751	1,589
	Colorado:												
15	Irrigated	14,590	16,998	46,407	502,486	462,536	1,352,350	34.4	27.2	431,728	4,037	3,682	5,995
16	Nonirrigated	14,276	29,569	127,312	245,955	317,116	2,122,252	17.2	10.7	220,940	1,106	1,515	3,642
	Idaho:												
17	Irrigated	280,370	249,274	234,656	15,310,024	11,691,016	9,229,148	54.6	46.9	14,625,971	4,457	6,528	6,964
18	Nonirrigated	132,040	259,606	273,077	3,040,851	5,651,827	5,092,631	23.0	21.8	2,912,689	2,031	3,531	3,374
	Kansas:												
19	Irrigated	NA	NA	NA	NA	NA	NA	NA	NA	NA	18	41	20
20	Nonirrigated	NA	NA	NA	NA	NA	NA	NA	NA	NA	31,542	47,376	40,196
	Montana:												
21	Irrigated	68,741	78,290	121,227	2,123,485	1,971,668	2,819,708	30.9	25.2	1,955,977	2,779	3,621	3,591
22	Nonirrigated	2,019,358	2,634,359	3,267,093	28,320,397	35,135,386	28,831,703	14.0	13.3	25,913,437	4,978	6,217	4,420
	Nebraska:												
23	Irrigated	NA	NA	1,339	NA	NA	25,274	NA	NA	NA	912	977	678
24	Nonirrigated	NA	NA	95,611	NA	NA	1,204,350	NA	NA	NA	37,454	58,136	59,106
	Nevada:												
25	Irrigated	12,558	6,709	12,757	345,101	194,079	366,227	27.5	28.9	281,028	99	232	266
26	Nonirrigated	1,361	536	309	20,848	4,117	4,707	15.3	7.7	20,409	3	8	17
	New Mexico:												
27	Irrigated	2,071	NA	8,409	45,817	NA	147,742	22.1	NA	35,063	331	472	716
28	Nonirrigated	1,149	NA	10,245	20,995	NA	111,385	18.3	NA	18,301	144	168	643
	North Dakota:												
29	Irrigated	4,913	4,331	8,903	157,820	71,740	209,920	32.1	16.6	155,053	72	76	68
30	Nonirrigated	6,406,424	7,559,139	10,169,581	94,316,942	64,324,189	105,058,699	14.7	8.5	84,359,084	32,528	43,884	40,266
	Oklahoma:												
31	Irrigated	NA	NA	NA	NA	NA	NA	NA	NA	NA	15	42	3
32	Nonirrigated	NA	NA	NA	NA	NA	NA	NA	NA	NA	15,076	26,151	17,364
	Oregon:												
33	Irrigated	29,926	45,566	44,893	1,261,708	1,898,498	1,323,447	42.2	41.7	1,206,899	827	1,470	1,336
34	Nonirrigated	54,979	108,759	238,303	1,266,111	2,625,218	4,334,248	23.0	24.1	1,165,200	4,955	8,269	8,214
	South Dakota:												
35	Irrigated	2,036	1,435	5,358	35,616	15,499	95,156	17.5	10.8	32,998	148	116	197
36	Nonirrigated	1,459,984	2,272,979	3,677,715	10,890,909	20,596,964	27,224,149	7.5	9.1	8,750,504	32,858	50,366	47,869
	Texas:												
37	Irrigated	NA	NA	NA	NA	NA	NA	NA	NA	NA	303	341	166
38	Nonirrigated	NA	NA	NA	NA	NA	NA	NA	NA	NA	17,550	14,613	23,830
	Utah:												
39	Irrigated	37,476	45,420	60,421	1,819,775	1,679,959	2,225,188	48.6	37.0	1,595,302	2,305	3,621	4,882
40	Nonirrigated	16,332	35,171	24,606	389,088	672,842	576,058	23.8	19.1	350,219	155	350	455
	Washington:												
41	Irrigated	38,130	28,891	23,406	1,912,818	1,380,895	802,114	50.2	47.8	1,872,415	870	1,250	1,381
42	Nonirrigated	193,684	274,356	491,948	5,194,360	6,866,880	8,189,038	26.8	25.0	4,938,044	4,419	7,182	6,674
	Wyoming:												
43	Irrigated	8,501	10,736	22,304	273,158	262,412	577,802	32.1	24.4	236,983	1,987	2,099	2,552
44	Nonirrigated	18,487	33,999	68,343	241,617	280,401	893,254	13.1	8.2	206,508	995	1,050	1,628

See footnotes at end of table.

PRODUCTION, 1959, 1954, AND 1949; AND QUANTITY SOLD, 1959; FOR 19 SPECIFIED STATES—Continued

Oats harvested—Continued									Barley harvested						
Acres			Production (bushels)					Bushels sold, 1959	Farms reporting			Acres			
1959	1954	1949	1959	1954	1949	Average per acre			1959	1954	1949	1959	1954	1949	
						1959	1954								
7,965,568	12,130,504	10,058,529	196,468,661	331,490,289	229,545,720	24.7	27.3	65,205,382	177,213	170,373	159,531	12,111,391	10,102,814	7,126,268	1
364,322	410,691	442,933	17,264,207	16,979,143	18,306,033	47.4	41.3	7,033,574	31,924	36,730	43,366	1,564,089	1,669,239	1,429,850	2
7,601,246	11,719,813	9,615,596	179,204,454	314,511,146	211,239,687	23.6	26.8	58,171,808	145,289	133,643	116,165	10,547,302	8,433,575	5,696,418	3
183	2,181	277	7,785	61,854	9,181	42.5	28.4	1,000	...	NA	NA	...	NA	NA	4
56,440	104,508	48,422	1,836,050	3,464,195	1,216,490	32.5	33.1	500,336	2	NA	NA	65	NA	NA	5
...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	...	NA	NA	6
...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	...	NA	NA	7
7,908,945	12,023,815	10,009,830	194,624,826	327,964,240	228,320,049	24.6	27.3	64,704,046	177,211	170,373	159,531	12,111,326	10,102,814	7,126,268	8
364,139	408,510	442,656	17,256,422	16,917,289	18,296,852	47.4	41.4	7,032,574	31,924	36,730	43,366	1,564,089	1,669,239	1,429,850	9
7,544,806	11,615,305	9,567,174	177,368,404	311,046,951	210,023,197	23.5	26.8	57,671,472	145,287	133,643	116,165	10,547,237	8,433,575	5,696,418	10
2,489	5,242	4,379	118,623	206,467	233,950	47.7	39.4	56,100	1,010	2,025	1,541	132,619	252,058	112,995	11
907	2,013	3,317	22,141	33,414	89,944	24.4	16.6	11,081	13	17	56	300	325	1,169	12
20,112	22,514	15,459	872,854	859,558	507,339	43.4	38.2	696,797	3,974	4,700	3,303	753,780	786,114	491,330	13
109,527	148,481	124,141	3,372,802	4,711,098	2,946,864	30.8	31.7	2,850,983	3,665	6,546	7,190	754,221	1,074,393	1,009,096	14
69,339	57,686	95,023	3,003,508	1,967,323	3,948,809	43.3	34.1	1,002,059	5,908	5,603	10,338	148,831	126,838	269,126	15
36,311	45,583	102,273	777,542	702,455	2,635,359	21.4	15.4	290,411	4,780	3,817	7,200	359,707	232,128	478,975	16
56,489	71,412	73,183	3,134,598	3,836,242	3,425,594	55.5	53.7	1,180,468	4,287	5,821	6,047	93,084	108,184	96,045	17
71,305	102,667	85,076	2,634,401	4,347,042	2,823,281	36.9	42.3	1,874,020	4,886	6,011	4,580	406,795	432,609	207,555	18
281	665	323	6,150	18,657	10,119	21.9	28.1	1,170	157	47	93	6,210	1,187	2,881	19
666,872	1,020,919	779,785	16,074,018	33,340,653	15,135,317	24.1	32.7	3,671,428	26,519	16,580	8,005	867,452	423,769	194,287	20
60,584	74,401	71,756	2,887,850	3,072,552	2,968,460	47.7	41.3	725,157	2,673	3,014	3,267	78,053	76,011	79,321	21
171,068	177,882	100,904	4,197,103	4,156,134	2,247,191	24.5	23.4	1,096,762	12,825	12,932	8,020	1,664,948	1,096,407	395,111	22
16,154	19,195	13,066	635,629	571,513	414,412	39.3	29.8	177,817	425	992	1,965	8,793	19,715	47,583	23
1,242,905	2,183,729	2,084,231	30,360,545	60,328,960	41,876,438	24.4	27.6	6,501,104	10,512	6,350	8,179	298,819	191,428	251,468	24
2,456	4,550	4,781	116,137	190,086	174,607	47.3	41.8	26,258	378	557	774	11,854	15,215	20,046	25
144	180	386	3,720	4,409	11,793	25.8	24.5	340	3	15	22	21	572	1,002	26
6,218	5,747	8,838	252,408	187,629	248,657	40.6	32.6	131,501	814	838	874	24,691	16,544	9,875	27
2,793	3,985	10,685	53,399	63,922	181,959	19.1	16.0	11,970	123	143	440	4,195	3,153	11,051	28
1,365	1,380	1,051	71,172	48,006	46,015	52.1	34.8	20,006	59	58	54	1,197	1,024	850	29
1,598,541	2,089,572	1,591,410	39,045,751	47,750,037	32,174,229	24.4	22.9	14,800,559	38,609	41,493	31,734	3,760,968	3,044,907	1,621,959	30
234	918	33	7,130	37,555	1,450	30.5	40.9	2,135	19	16	2	292	444	97	31
497,567	811,262	458,125	12,206,321	20,727,679	8,160,829	24.5	25.5	3,722,428	13,831	8,582	1,957	610,970	250,807	39,869	32
36,017	39,876	30,791	[9]1,967,095	[9]1,493,040	[9]1,070,519	54.6	37.4	1,578,641	1,734	2,350	2,463	69,588	88,124	89,758	33
111,348	201,403	183,742	[9]4,508,683	[9]8,571,266	[9]7,618,168	40.5	42.3	2,054,099	6,826	7,574	6,100	432,317	406,257	158,257	34
3,372	2,876	3,475	114,116	70,239	118,641	33.8	24.4	22,944	84	84	230	2,353	2,105	6,842	35
2,015,166	3,893,133	2,823,961	39,637,027	103,988,455	62,459,906	19.7	26.7	9,963,783	9,823	10,837	22,849	426,467	470,843	1,049,453	36
9,875	9,487	4,903	329,912	303,536	134,922	33.4	32.0	172,078	1,382	512	350	67,257	17,050	9,932	37
851,118	732,533	1,042,225	18,337,971	14,847,450	25,512,708	21.5	20.3	7,547,902	4,812	3,565	4,228	199,620	112,759	106,232	38
17,267	25,827	36,306	863,122	1,158,043	1,658,648	50.0	44.8	169,880	6,447	7,332	8,490	99,978	93,928	104,842	39
1,764	2,868	3,647	58,440	99,634	164,334	33.1	34.7	15,872	1,133	1,508	1,308	44,282	51,553	22,744	40
13,076	18,787	21,921	[9]795,444	[9]1,224,225	[9]1,169,063	60.8	65.2	425,533	912	803	752	18,277	16,434	12,991	41
123,706	161,277	119,675	[9]5,136,258	[9]6,849,637	[9]4,778,495	41.5	42.5	2,905,453	5,788	6,354	2,563	655,501	580,894	82,583	42
48,811	47,947	57,368	2,080,674	1,672,618	2,165,647	42.6	34.9	644,030	1,661	1,978	2,823	47,232	48,264	75,336	43
43,764	37,818	53,591	942,282	524,706	1,206,382	21.5	13.9	353,277	1,139	1,319	1,734	60,654	60,771	65,607	44

Summary Table 5.–SPECIFIED CROPS IRRIGATED[1]–FARMS REPORTING, ACREAGE, AND

	State and item	Barley harvested—Continued						Rye harvested								
		Production (bushels)					Bushels sold, 1959	Farms reporting			Acres			Production (bushels)		
		1959	1954	1949	Average per acre			1959	1954	1949	1959	1954	1949	1959	1954	1949
					1959	1954										
	18 States:															
1	Total	335,108,529	281,164,430	167,781,359	27.7	27.8	243,633,866	22,688	19,727	22,278	903,175	735,862	785,111	12,788,689	9,756,160	7,971,071
2	Irrigated	79,952,435	77,364,746	59,361,968	51.1	46.3	60,087,417	676	129	440	14,003	1,920	7,645	333,790	24,761	103,465
3	Nonirrigated	255,156,094	203,799,684	108,419,391	24.2	24.2	183,546,449	22,012	19,598	21,838	889,172	733,942	777,466	12,454,899	9,731,399	7,867,606
	Louisiana:															
4	Irrigated	...	NA	NA	...	NA	...	...	NA	NA	...	NA	NA	...	NA	NA
5	Nonirrigated	1,800	NA	NA	27.7	NA	1,100	6	NA	NA	58	NA	NA	2,310	NA	NA
	Hawaii:*															
6	Irrigated	...	NA	NA	...	NA	...	...	NA	NA	...	NA	NA	...	NA	NA
7	Nonirrigated	...	NA	NA	...	NA	...	...	NA	NA	...	NA	NA	...	NA	NA
	17 Western States:															
8	Total	335,106,729	281,164,430	167,781,359	27.7	27.8	243,632,766	22,682	19,727	22,278	903,117	735,862	785,111	12,786,379	9,756,160	7,971,071
9	Irrigated	79,952,435	77,364,746	59,361,968	51.1	46.3	60,087,417	676	129	440	14,003	1,920	7,645	333,790	24,761	103,465
10	Nonirrigated	255,154,294	203,799,684	108,419,391	24.2	24.2	183,545,349	22,006	19,598	21,838	889,114	733,942	777,466	12,452,589	9,731,399	7,867,606
	Arizona:															
11	Irrigated	8,440,295	13,244,633	5,896,183	63.6	52.5	6,829,490	3	NA	NA	225	NA	NA	8,650	NA	NA
12	Nonirrigated	6,853	9,998	57,509	22.8	30.8	3,312	5	NA	NA	75	NA	NA	416	NA	NA
	California:															
13	Irrigated	42,221,481	40,013,659	21,912,529	56.0	50.9	39,053,752	39	NA	NA	847	NA	NA	10,787	NA	NA
14	Nonirrigated	25,272,054	33,665,256	29,256,094	33.5	31.3	21,854,194	79	NA	NA	4,080	NA	NA	45,556	NA	NA
	Colorado:															
15	Irrigated	6,466,131	4,076,605	10,731,308	43.4	32.1	3,109,683	115	71	88	1,770	1,007	1,103	35,855	14,403	18,195
16	Nonirrigated	8,182,988	2,523,732	10,376,689	22.7	10.9	5,184,444	1,119	790	602	67,384	42,717	21,510	893,150	229,264	176,671
	Idaho:															
17	Irrigated	4,221,443	4,517,876	3,899,017	45.4	41.8	2,085,716	114	NA	NA	2,443	NA	NA	105,451	NA	NA
18	Nonirrigated	11,215,426	13,216,978	5,699,152	27.6	30.7	8,549,527	81	NA	NA	4,741	NA	NA	96,961	NA	NA
	Kansas:															
19	Irrigated	193,838	23,125	57,512	31.2	19.5	132,459	23	19	4	752	379	67	13,741	4,584	1,247
20	Nonirrigated	22,458,471	9,504,260	3,384,544	25.9	22.4	11,066,355	5,228	4,766	1,834	138,905	81,916	26,659	2,053,227	947,862	257,756
	Montana:															
21	Irrigated	2,890,062	2,413,901	2,486,818	37.0	31.8	929,215	25	NA	11	432	NA	516	5,796	NA	9,944
22	Nonirrigated	44,203,403	25,664,412	7,170,275	26.5	23.4	32,456,423	307	NA	170	19,173	NA	5,467	367,367	NA	42,065
	Nebraska:															
23	Irrigated	290,677	610,413	1,769,961	33.1	31.0	102,332	48	36	48	897	496	704	18,838	5,243	8,364
24	Nonirrigated	6,330,397	3,086,426	3,849,981	21.2	16.1	2,473,601	4,957	4,754	5,591	147,147	138,201	201,462	1,973,776	1,299,963	1,454,687
	Nevada:															
25	Irrigated	515,739	548,860	694,972	43.5	36.1	194,928	6	NA	NA	50	NA	NA	1,536	NA	NA
26	Nonirrigated	1,435	7,152	20,963	68.3	12.5	1,090	4	NA	NA	114	NA	NA	876	NA	NA
	New Mexico:															
27	Irrigated	948,953	619,188	273,121	38.4	37.4	595,771	53	NA	25	908	NA	743	20,536	NA	11,644
28	Nonirrigated	79,987	42,367	163,863	19.1	13.4	49,124	59	NA	111	1,662	NA	4,143	23,738	NA	45,273
	North Dakota:															
29	Irrigated	41,493	23,985	23,550	34.7	23.4	17,958	1	1	...	12	13	...	170	124	...
30	Nonirrigated	71,247,019	63,265,220	23,912,255	18.9	20.8	53,967,926	3,647	5,756	4,750	192,575	304,516	213,591	2,414,861	4,745,215	2,425,408
	Oklahoma:															
31	Irrigated	7,560	14,590	2,450	25.9	32.9	3,856	4	NA	...	57	NA	...	600	NA	...
32	Nonirrigated	13,429,816	4,713,563	688,336	22.0	18.8	7,458,737	2,367	NA	885	60,150	NA	15,431	662,440	NA	131,525
	Oregon:															
33	Irrigated	3,085,953	3,869,835	3,182,223	44.3	43.9	2,242,790	72	NA	100	2,003	NA	2,881	38,393	NA	31,173
34	Nonirrigated	15,224,423	14,378,887	4,923,269	35.2	35.4	12,424,112	544	NA	483	16,437	NA	11,004	305,571	NA	111,417
	South Dakota:															
35	Irrigated	67,233	52,822	172,281	28.6	25.1	22,780	1	2	1	70	25	100	1,100	407	700
36	Nonirrigated	5,576,472	8,475,712	12,515,227	13.1	18.0	2,700,675	2,363	3,532	6,934	99,716	166,592	263,033	1,236,401	2,509,095	3,071,816
	Texas:															
37	Irrigated	2,082,221	426,565	227,921	31.0	25.0	1,736,932	56	NA	NA	1,832	NA	NA	39,010	NA	NA
38	Nonirrigated	3,458,171	1,612,253	1,935,635	17.3	14.3	2,037,541	406	NA	NA	17,170	NA	NA	207,483	NA	NA
	Utah:															
39	Irrigated	5,476,631	4,533,138	4,806,238	54.8	48.3	1,608,617	35	NA	77	245	NA	686	3,513	NA	10,725
40	Nonirrigated	1,306,104	1,230,897	889,929	29.5	23.9	600,583	38	NA	132	1,035	NA	3,240	8,364	NA	32,720
	Washington:															
41	Irrigated	974,029	724,230	532,337	53.3	44.1	598,186	67	NA	51	1,298	NA	431	27,171	NA	6,694
42	Nonirrigated	25,867,553	21,419,032	2,072,445	39.5	36.9	22,190,753	705	NA	200	113,544	NA	6,597	2,082,709	NA	64,397
	Wyoming:															
43	Irrigated	2,028,696	1,651,321	2,693,547	43.0	34.2	822,952	14	NA	35	162	NA	414	2,643	NA	4,779
44	Nonirrigated	1,293,722	983,539	1,503,225	21.3	16.2	526,952	97	NA	146	5,206	NA	5,329	79,693	NA	53,871

See footnotes at end of table.

PRODUCTION, 1959, 1954, AND 1949; AND QUANTITY SOLD, 1959; FOR 19 SPECIFIED STATES—Continued

Rye harvested—Continued			Flaxseed harvested											Rice harvested			
Production—Con. (bushels)		Bushels sold, 1959	Farms reporting			Acres			Production (bushels)				Bushels sold, 1959	Farms reporting			
Average per acre												Average per acre					
1959	1954		1959	1954	1949	1959	1954	1949	1959	1954	1949	1959	1954		1959	1954	1949	
14.2	13.3	10,754,133	34,027	60,534	55,596	2,388,420	4,197,283	3,038,694	14,617,240	27,181,314	23,449,564	6.1	6.5	12,733,131	6,806	7,838	7,987	1
23.8	12.9	276,598	263	334	1,522	37,623	38,234	190,529	1,387,544	1,228,170	4,471,342	36.9	32.1	1,377,818	6,806	7,838	7,984	2
14.0	13.3	10,477,535	33,764	60,200	54,074	2,350,797	4,159,049	2,848,165	13,229,696	25,953,144	18,978,222	5.6	6.2	11,355,313	...	...	3	3
...	NA	...	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	3,605	4,748	5,675	4
39.8	NA	80	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	...	3	5
...	NA	...	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	15	NA	NA	6
...	NA	...	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	7
14.2	13.3	10,754,053	34,027	60,534	55,596	2,388,420	4,197,283	3,038,694	14,617,240	27,181,314	23,449,564	6.1	6.5	12,733,131	3,201	3,090	2,309	8
23.8	12.9	276,598	263	334	1,522	37,623	38,234	190,529	1,387,544	1,228,170	4,471,342	36.9	32.1	1,377,818	3,201	3,090	2,309	9
14.0	13.3	10,477,455	33,764	60,200	54,074	2,350,797	4,159,049	2,848,165	13,229,696	25,953,144	18,978,222	5.6	6.2	11,355,313	...	...	NA	10
38.4	NA	8,200	20	48	311	1,954	2,660	30,141	77,606	80,573	811,448	39.7	30.3	77,216	...	NA	NA	11
5.5	NA	165	...	...	...	...	...	...	...	...	...	...	...	...	...	NA	NA	12
12.7	NA	7,099	206	265	858	34,268	34,610	147,477	1,289,962	1,139,186	3,525,922	37.6	32.9	1,281,169	1,365	1,360	942	13
11.2	NA	31,662	16	26	58	3,654	6,175	7,813	34,608	95,135	84,693	9.5	15.4	32,967	...	...	...	14
20.3	14.3	28,046	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	15
13.3	5.4	753,732	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	16
43.2	NA	92,152	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	17
20.5	NA	84,075	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	18
18.3	12.1	8,664	...	NA	...	...	NA	...	...	NA	...	...	NA	...	...	NA	NA	19
14.8	11.6	1,626,854	...	NA	1,492	...	NA	30,448	...	NA	192,270	...	NA	...	...	NA	NA	20
13.4	NA	3,185	30	NA	314	1,258	NA	11,708	18,085	NA	124,621	14.4	NA	17,582	...	NA	NA	21
19.2	NA	324,108	241	NA	830	17,375	NA	47,427	105,895	NA	146,571	6.1	NA	95,684	...	NA	NA	22
21.0	10.6	15,629	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	23
13.4	9.4	1,564,864	17	NA	NA	911	NA	NA	8,301	NA	NA	9.1	NA	7,265	...	NA	NA	24
30.7	NA	1,302	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	25
7.7	NA	460	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	26
22.6	NA	17,749	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	27
14.3	NA	19,855	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	28
14.2	9.5	170	3	10	17	95	333	290	1,176	3,180	2,270	12.4	9.5	1,136	...	NA	NA	29
12.5	15.6	2,163,789	22,711	42,132	33,088	1,740,515	3,094,791	1,775,594	9,453,401	19,799,366	12,217,688	5.4	6.4	8,073,658	...	NA	NA	30
10.5	NA	220	...	NA	...	...	NA	...	...	NA	...	...	NA	...	...	NA	NA	31
11.0	NA	434,445	...	NA	84	...	NA	2,428	...	NA	12,732	...	NA	...	...	NA	NA	32
19.2	NA	30,134	2	NA	NA	13	NA	NA	308	NA	NA	23.7	NA	308	...	NA	NA	33
18.6	NA	247,034	2	NA	NA	95	NA	NA	1,407	NA	NA	14.8	NA	1,407	...	NA	NA	34
15.7	16.3	900	1	3	14	10	95	348	90	990	2,650	9.0	10.4	90	...	NA	NA	35
12.4	15.1	1,034,695	10,154	16,257	14,670	547,973	949,808	675,884	3,211,147	5,486,812	4,331,467	5.9	5.8	2,744,602	...	NA	NA	36
21.3	NA	35,574	1	8	8	25	536	565	317	4,241	4,431	12.7	7.9	317	1,836	1,730	1,367	37
12.1	NA	167,870	623	1,785	3,852	40,274	108,275	308,571	414,937	571,831	1,992,801	10.3	5.3	399,730	...	...	...	38
14.3	NA	1,279	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	39
8.1	NA	4,864	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	40
20.9	NA	24,709	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	41
18.3	NA	1,952,173	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	42
16.3	NA	1,586	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	43
15.3	NA	66,810	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	44

Summary Table 5.–SPECIFIED CROPS IRRIGATED[1]–FARMS REPORTING, ACREAGE, AND

	State and item	Rice harvested—Continued									Dry field and seed beans harvested for beans					
		Acres			Production (bushels)					Bushels sold, 1959	Farms reporting			Acres		
								Average per acre								
		1959	1954	1949	1959	1954	1949	1959	1954		1959	1954	1949	1959	1954	1949
	18 States:															
1	Total	1,198,088	1,747,667	1,408,052	89,791,855	100,350,168	69,542,371	74.9	57.4	89,405,101	15,280	16,526	23,895	830,537	913,163	1,107,204
2	Irrigated	1,198,088	1,747,667	1,408,039	89,791,855	100,350,168	69,541,899	74.9	57.4	89,405,101	13,996	14,358	18,452	654,971	673,371	671,408
3	Nonirrigated	...	...	13	...	...	472	...	...	...	1,284	2,168	5,443	175,566	239,792	435,796
	Louisiana:															
4	Irrigated	466,516	665,607	562,496	30,147,451	36,302,000	23,600,671	64.6	54.5	29,755,886	...	...	...	...	...	...
5	Nonirrigated	...	...	13	...	...	472	...	...	...	...	4	...	...	8	...
	Hawaii:*															
6	Irrigated	75	NA	NA	6,387	NA	NA	85.2	NA	5,869	...	NA	NA	...	NA	NA
7	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	...	NA	NA
	17 Western States:															
8	Total	731,572	1,082,060	845,543	59,644,404	64,048,168	45,941,228	81.5	59.2	58,649,215	15,280	16,522	23,895	830,537	913,155	1,107,204
9	Irrigated	731,572	1,082,060	845,543	59,644,404	64,048,168	45,941,228	81.5	59.2	58,649,215	13,996	14,358	18,452	654,971	673,371	671,408
10	Nonirrigated	...	...	...	...	...	...	...	...	...	1,284	2,164	5,443	175,566	239,784	435,796
	Arizona:															
11	Irrigated	...	NA	NA	...	NA	NA	...	NA	...	43	NA	281	823	4,857	3,701
12	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	19	NA	100	2,441	5,122	7,471
	California:															
13	Irrigated	302,132	474,421	303,747	29,403,900	28,121,529	22,021,856	97.3	59.3	29,003,111	2,436	NA	2,239	219,833	240,249	235,197
14	Nonirrigated	...	...	...	...	...	...	...	...	...	215	NA	679	27,261	45,444	87,671
	Colorado:															
15	Irrigated	...	NA	NA	...	NA	NA	...	NA	...	2,745	3,580	4,226	76,473	97,124	100,761
16	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	588	980	1,841	121,746	134,816	181,215
	Idaho:															
17	Irrigated	...	NA	NA	...	NA	NA	...	NA	...	3,722	5,088	5,210	130,227	139,228	133,296
18	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	60	218	208	3,385	10,265	10,293
	Kansas:															
19	Irrigated	...	NA	NA	...	NA	NA	...	NA	...	61	2	3	4,868	135	147
20	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	19	14	12	1,394	155	929
	Montana:															
21	Irrigated	...	NA	NA	...	NA	NA	...	NA	...	435	545	586	12,792	14,101	16,290
22	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	7	29	42	121	545	1,031
	Nebraska:															
23	Irrigated	...	NA	NA	...	NA	NA	...	NA	...	1,671	1,882	2,176	67,249	67,597	79,692
24	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	78	151	161	2,916	4,520	4,594
	Nevada:															
25	Irrigated	...	NA	NA	...	NA	NA	...	NA	...	1	3	1	1	32	1
26	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	...	...	...	...	...	...
	New Mexico:															
27	Irrigated	...	NA	NA	...	NA	NA	...	NA	...	284	756	1,103	7,373	17,872	14,450
28	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	163	362	1,992	6,669	25,089	125,916
	North Dakota:															
29	Irrigated	...	NA	NA	...	NA	NA	...	NA	...	57	49	6	1,944	1,568	159
30	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	14	21	8	728	355	106
	Oklahoma:															
31	Irrigated	...	NA	NA	...	NA	NA	...	NA	...	...	...	...	...	...	...
32	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	2	100	8	61	1,551	586
	Oregon:															
33	Irrigated	...	NA	NA	...	NA	NA	...	NA	...	14	125	122	390	2,404	2,037
34	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	...	5	28	...	76	186
	South Dakota:															
35	Irrigated	...	NA	NA	...	NA	NA	...	NA	...	42	36	28	1,406	910	789
36	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	5	14	4	69	151	84
	Texas:															
37	Irrigated	429,440	607,639	541,796	30,240,504	35,926,639	23,919,372	70.4	59.1	29,646,104	174	41	7	7,084	906	44
38	Nonirrigated	...	...	...	...	...	...	...	...	...	42	119	100	634	994	514
	Utah:															
39	Irrigated	...	NA	NA	...	NA	NA	...	NA	...	13	59	136	66	441	862
40	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	33	67	111	4,967	8,129	12,257
	Washington:															
41	Irrigated	...	NA	NA	...	NA	NA	...	NA	...	925	688	279	54,003	33,893	6,139
42	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	17	21	87	648	811	761
	Wyoming:															
43	Irrigated	...	NA	NA	...	NA	NA	...	NA	...	1,373	1,504	2,049	70,439	52,054	77,843
44	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	22	63	62	2,526	1,761	2,182

See footnotes at end of table.

PRODUCTION, 1959, 1954, AND 1949; AND QUANTITY SOLD, 1959; FOR 19 SPECIFIED STATES—Continued

Dry field and seed beans harvested for beans—Continued					Dry field and seed peas harvested for peas											
Production (100-pound bags)					Farms reporting			Acres			Production (bushels)					
			Average per acre											Average per acre		
1959	1954	1949	1959	1954	1959	1954	1949	1959	1954	1949	1959	1954	1949	1959	1954	
12,148,804	12,578,066	12,707,526	14.6	13.8	3,620	3,857	5,279	336,419	249,968	344,612	8,178,052	5,527,903	4,927,041	24.3	22.1	1
11,487,993	11,374,196	10,513,553	17.5	16.9	1,390	1,732	2,463	47,388	42,583	51,502	1,530,259	1,022,825	1,191,885	32.3	24.0	2
660,811	1,203,870	2,193,973	3.8	5.0	2,230	2,125	2,816	289,031	207,385	293,110	6,647,793	4,505,078	3,735,156	23.0	21.7	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	85	...	...	10.6	...	1	1	...	20	7	...	250	50	...	12.5	5
...	NA	NA	...	NA	...	NA	NA	...	...	...	...	...	...	...	...	6
...	NA	NA	...	NA	...	NA	NA	...	...	...	...	...	...	...	...	7
12,148,804	12,577,981	12,707,526	14.6	13.8	3,620	3,856	5,278	336,419	249,948	344,605	8,178,052	5,527,653	4,926,991	24.3	22.1	8
11,487,993	11,374,196	10,513,553	17.5	16.9	1,390	1,732	2,463	47,388	42,583	51,502	1,530,259	1,022,825	1,191,885	32.3	24.0	9
660,811	1,203,785	2,193,973	3.8	5.0	2,230	2,124	2,815	289,031	207,365	293,103	6,647,793	4,504,828	3,735,106	23.0	21.7	10
7,431	38,573	31,375	9.0	7.9	1	1	6	120	15	16	2,777	600	18	23.1	40.0	11
4,489	26,755	23,719	1.8	5.2	...	...	...	...	...	...	...	...	...	...	...	12
3,816,923	4,297,753	3,930,923	17.4	17.9	45	51	179	2,628	4,038	8,667	100,342	76,618	213,885	38.2	19.0	13
265,123	471,760	997,509	9.7	10.4	7	16	121	431	877	6,967	6,993	12,978	86,330	16.2	14.8	14
1,363,298	1,521,507	1,539,929	17.8	15.7	187	227	556	6,273	5,585	14,628	98,694	75,487	272,992	15.7	13.5	15
282,485	434,166	629,618	2.3	3.2	6	20	49	195	361	860	951	4,218	13,336	4.9	11.7	16
2,570,727	2,535,702	2,310,002	19.7	18.2	652	973	1,160	20,395	19,420	20,420	595,907	451,011	547,392	29.2	23.2	17
21,623	101,980	54,968	6.4	9.9	879	830	721	104,756	81,063	67,851	2,323,237	1,796,524	1,027,635	22.2	22.2	18
38,445	707	1,132	7.9	5.2	...	...	...	...	...	...	...	...	...	...	...	19
5,249	356	2,826	3.8	2.3	...	...	4	...	...	43	...	...	883	...	...	20
165,942	224,241	208,201	13.0	15.9	26	105	138	823	2,390	2,949	20,973	48,705	56,032	25.5	20.4	21
1,597	5,841	13,004	13.2	10.7	17	64	89	308	1,717	2,347	2,827	34,446	32,115	9.2	20.1	22
1,232,497	1,042,851	1,161,201	18.3	15.1	...	...	...	...	...	...	...	...	...	...	...	23
22,366	43,689	56,651	7.7	9.7	...	...	2	...	...	31	...	...	374	...	...	24
30	472	3	30.0	14.8	2	...	...	160	...	...	2,783	...	...	17.4	...	25
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
63,461	165,081	122,300	8.6	9.2	9	29	237	378	64	872	2,339	684	7,844	6.2	10.7	27
19,892	45,799	327,576	3.0	1.8	5	4	132	8	5	309	240	23	1,644	30.0	4.6	28
21,210	19,505	872	10.9	12.4	...	...	...	...	...	...	...	...	...	...	...	29
4,961	4,049	483	6.8	11.4	138	98	107	5,287	2,901	2,890	115,803	38,341	36,710	21.9	13.2	30
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	31
122	4,649	2,375	2.0	3.0	...	1	...	...	20	...	...	48	...	...	2.4	32
3,941	38,042	24,311	10.1	15.8	14	33	43	374	837	1,135	8,723	20,056	23,127	23.3	24.0	33
...	252	1,217	...	3.3	127	193	273	15,210	7,509	18,218	351,279	129,289	216,213	23.1	17.2	34
17,865	9,879	8,482	12.7	10.5	...	...	...	...	...	...	...	...	...	...	...	35
191	880	750	2.8	5.8	...	...	4	...	...	30	...	...	298	...	...	36
54,849	7,784	520	7.7	8.6	1	1	...	8	12	...	53	180	...	6.6	15.0	37
2,073	4,009	1,597	3.3	4.0	9	5	2	117	82	9	1,124	466	33	9.6	5.7	38
1,011	3,666	9,707	15.3	8.3	2	19	3	11	88	5	600	1,622	123	54.5	18.4	39
9,113	31,293	48,201	1.8	3.8	1	2	1	6	5	1	33	110	70	5.5	22.0	40
960,213	697,610	78,975	17.8	20.6	431	186	73	15,754	6,211	1,589	688,239	242,881	45,499	43.7	39.1	41
9,067	14,576	15,128	14.0	18.0	1,041	890	1,306	162,713	112,814	193,463	3,845,306	2,488,293	2,318,118	23.6	22.1	42
1,170,150	770,823	1,085,620	16.6	14.8	20	107	68	464	3,923	1,221	8,829	104,981	24,973	19.0	26.8	43
12,460	13,731	18,351	4.9	7.8	...	1	4	...	11	84	...	92	1,347	...	8.4	44

Summary Table 5.–SPECIFIED CROPS IRRIGATED[1]–FARMS REPORTING, ACREAGE, AND

	State and item	Land from which hay was cut[2]			Alfalfa and alfalfa mixtures cut for hay and for dehydrating											
		Acres			Farms reporting			Acres			Production (tons)			Average per acre		Tons sold, 1959
		1959	1954	1949	1959	1954	1949	1959	1954	1949	1959	1954	1949	1959	1954	
	18 States:															
1	Total	28,193,290	30,500,500	27,063,152	305,372	376,852	326,391	11,956,343	12,586,712	7,982,079	26,584,034	26,889,172	18,471,514	2.2	2.1	9,069,707
2	Irrigated	6,796,002	6,699,325	6,167,986	94,047	114,321	110,439	4,343,682	4,375,629	3,433,593	15,103,044	14,058,013	10,510,970	3.5	3.2	7,111,903
3	Nonirrigated	21,397,288	23,801,175	20,895,166	211,325	262,531	215,952	7,612,661	8,211,083	4,548,486	11,480,990	12,831,159	7,960,544	1.5	1.6	1,957,804
	Louisiana:															
4	Irrigated	2,999	5,084	1,041	4	NA	5	70	NA	17	206	NA	35	2.9	NA	...
5	Nonirrigated	361,167	364,431	257,646	351	NA	775	11,761	NA	20,721	26,813	NA	38,544	2.3	NA	7,990
	Hawaii:*															
6	Irrigated	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...
7	Nonirrigated	1,899	NA	NA	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...
	17 Western States:															
8	Total	27,829,124	30,130,985	26,804,465	305,017	376,852	325,611	11,944,512	12,586,712	7,961,341	26,557,015	26,889,172	18,432,935	2.2	2.1	9,061,717
9	Irrigated	6,793,003	6,694,241	6,166,945	94,043	114,321	110,434	4,343,612	4,375,629	3,433,576	15,102,838	14,058,013	10,510,935	3.5	3.2	7,111,903
10	Nonirrigated	21,036,121	23,436,744	20,637,520	210,974	262,531	215,177	7,600,900	8,211,083	4,527,765	11,454,177	12,831,159	7,922,000	1.5	1.6	1,949,814
	Arizona:															
11	Irrigated	185,949	212,198	164,038	1,787	2,309	2,513	167,989	185,226	144,591	784,638	562,675	466,546	4.7	3.0	519,319
12	Nonirrigated	4,203	5,273	4,825	23	35	91	375	1,287	1,864	656	938	3,648	1.7	0.7	164
	California:															
13	Irrigated	1,242,035	1,222,134	1,025,371	12,767	18,001	18,264	957,499	974,408	817,403	5,241,173	4,847,108	3,739,793	5.5	5.0	3,837,104
14	Nonirrigated	390,565	507,854	646,870	797	1,875	2,000	58,017	82,316	75,441	112,337	236,146	218,723	1.9	2.9	41,293
	Colorado:															
15	Irrigated	974,129	893,660	1,050,271	13,335	15,320	17,249	543,429	537,653	533,068	1,401,165	1,242,216	1,228,500	2.6	2.3	473,099
16	Nonirrigated	293,348	417,072	317,348	2,464	4,230	3,316	110,769	193,917	95,815	173,463	255,990	176,818	1.6	1.3	38,647
	Idaho:															
17	Irrigated	803,170	766,424	697,915	17,741	20,315	20,250	656,836	626,308	520,211	2,125,633	2,049,237	1,606,970	3.2	3.3	558,943
18	Nonirrigated	359,299	346,955	333,860	5,142	6,516	6,489	242,504	216,642	170,570	389,469	338,084	274,086	1.6	1.6	74,162
	Kansas:															
19	Irrigated	36,897	55,199	14,898	1,057	1,201	427	34,648	51,093	13,858	122,963	161,079	33,236	3.5	3.2	48,206
20	Nonirrigated	1,820,605	2,445,441	1,960,344	43,996	56,766	56,354	985,589	1,355,779	996,320	2,182,304	2,135,623	1,976,624	2.2	1.6	347,257
	Montana:															
21	Irrigated	945,636	937,827	751,016	7,194	8,136	6,621	455,545	451,100	276,427	996,287	960,673	504,095	2.2	2.1	177,433
22	Nonirrigated	1,160,995	1,339,678	1,127,198	7,046	7,793	7,089	486,550	442,200	301,713	652,306	543,944	336,317	1.3	1.2	67,970
	Nebraska:															
23	Irrigated	144,690	168,000	107,456	4,363	4,461	3,337	125,367	147,713	87,031	383,027	435,931	229,286	3.1	3.0	97,228
24	Nonirrigated	4,544,112	5,255,488	4,591,957	54,950	65,577	59,416	1,612,665	1,831,835	1,139,197	3,447,586	3,355,545	2,192,518	2.1	1.8	715,972
	Nevada:															
25	Irrigated	247,110	298,697	360,026	1,439	1,725	1,820	118,520	113,554	98,964	346,794	321,723	276,569	2.9	2.8	109,691
26	Nonirrigated	42,950	20,536	9,471	26	37	32	2,078	2,565	1,429	3,082	3,044	4,412	1.5	1.2	1,207
	New Mexico:															
27	Irrigated	159,684	167,788	134,025	4,743	6,694	6,740	134,251	147,850	109,549	497,923	440,727	308,521	3.7	3.0	295,608
28	Nonirrigated	33,933	44,839	51,518	281	580	779	5,757	8,512	10,406	6,123	13,329	17,781	1.1	1.6	2,124
	North Dakota:															
29	Irrigated	13,632	11,125	6,969	222	221	169	10,862	10,896	3,991	27,966	27,105	10,941	2.6	2.5	10,415
30	Nonirrigated	3,818,936	3,543,793	3,398,039	27,972	30,898	12,766	1,131,809	1,070,013	281,585	1,050,468	1,672,123	367,922	0.9	1.6	96,957
	Oklahoma:															
31	Irrigated	13,346	15,402	3,450	343	388	73	12,295	14,521	3,365	35,499	35,483	6,884	2.9	2.4	12,018
32	Nonirrigated	1,148,102	1,416,548	1,151,590	11,369	21,407	17,700	308,188	579,000	375,017	677,283	758,860	758,442	2.2	1.3	205,584
	Oregon:															
33	Irrigated	512,112	501,044	467,104	5,603	6,745	5,779	220,322	210,145	150,849	676,421	647,251	421,670	3.1	3.1	232,724
34	Nonirrigated	419,610	502,375	480,422	2,691	3,144	3,844	87,076	76,954	63,209	180,019	152,946	122,747	2.1	2.0	39,971
	South Dakota:															
35	Irrigated	39,996	42,228	21,710	495	580	392	35,708	38,517	15,466	81,093	82,288	30,401	2.3	2.1	16,246
36	Nonirrigated	4,619,392	5,158,960	4,351,671	40,556	43,791	27,881	2,023,845	1,709,148	558,329	1,765,373	2,485,064	727,089	0.9	1.5	128,022
	Texas:															
37	Irrigated	74,668	135,686	70,812	1,604	3,159	1,856	52,200	110,451	59,984	178,060	346,307	197,228	3.4	3.1	101,681
38	Nonirrigated	1,368,129	1,373,289	1,148,111	4,031	7,928	5,252	112,080	214,798	136,662	195,854	282,171	264,978	1.7	1.3	61,924
	Utah:															
39	Irrigated	441,020	442,213	431,267	11,089	13,652	14,598	341,803	335,968	301,331	961,250	901,272	784,301	2.8	2.7	180,430
40	Nonirrigated	90,469	109,896	87,462	1,514	1,889	1,932	69,302	74,519	58,875	114,917	108,128	120,856	1.7	1.5	22,868
	Washington:															
41	Irrigated	232,188	189,266	145,277	6,069	6,838	5,979	172,513	142,884	98,127	623,421	462,054	310,881	3.6	3.2	321,178
42	Nonirrigated	624,222	644,026	633,067	6,581	8,398	8,660	230,659	232,924	186,110	369,835	378,534	270,221	1.6	1.6	88,944
	Wyoming:															
43	Irrigated	726,741	635,350	715,340	4,192	4,576	4,367	303,825	277,342	199,361	619,525	534,884	355,113	2.0	1.9	120,580
44	Nonirrigated	297,251	304,721	343,767	1,535	1,667	1,576	133,637	118,674	75,223	133,102	110,690	88,818	1.0	0.9	16,748

See footnotes at end of table.

PRODUCTION, 1959, 1954, AND 1949; AND QUANTITY SOLD, 1959; FOR 19 SPECIFIED STATES—Continued

Clover, timothy, and mixtures of clover and grasses cut for hay												Oats, wheat, barley, rye, or other small grains cut for hay						
Farms reporting			Acres			Production (tons)					Tons sold, 1959	Farms reporting			Acres			
									Average per acre									
1959	1954	1949	1959	1954	1949	1959	1954	1949	1959	1954		1959	1954	1949[8]	1959	1954	1949[8]	
48,205	63,016	56,168	1,699,501	1,748,210	1,439,712	2,478,596	2,380,976	2,010,492	1.5	1.4	327,289	78,266	98,504	82,346	2,423,603	2,193,852	2,012,971	1
13,344	12,765	13,636	821,282	695,242	657,447	1,231,371	961,624	947,499	1.5	1.4	181,439	10,298	11,878	12,418	228,674	219,564	218,924	2
34,861	50,251	42,532	878,219	1,052,968	782,265	1,247,225	1,419,352	1,062,993	1.4	1.3	145,850	67,968	86,626	69,928	2,194,929	1,974,288	1,794,047	3
22	38	7	269	986	69	419	1,552	89	1.6	1.6	75	10	19	3	493	558	154	4
2,108	3,144	1,194	46,075	74,745	24,163	65,799	101,103	30,565	1.4	1.4	4,158	1,349	3,907	685	23,025	54,941	8,495	5
...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	...	NA	NA	6
...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	...	NA	NA	7
46,075	59,834	54,967	1,653,157	1,672,479	1,415,480	2,412,378	2,278,321	1,979,838	1.5	1.4	323,056	76,907	94,578	81,658	2,400,085	2,138,353	2,004,322	8
13,322	12,727	13,629	821,013	694,256	657,378	1,230,952	960,072	947,410	1.5	1.4	181,364	10,288	11,859	12,415	228,181	219,006	218,770	9
32,753	47,107	41,338	832,144	978,223	758,102	1,181,426	1,318,249	1,032,428	1.4	1.3	141,692	66,619	82,719	69,243	2,171,904	1,919,347	1,785,552	10
...	33	32	...	554	644	...	985	900	...	1.8	...	284	416	561	8,825	13,902	14,999	11
...	7	29	...	168	378	...	110	444	...	0.7	...	55	71	116	1,781	2,300	3,260	12
1,778	1,687	884	103,423	74,188	39,255	190,557	121,753	64,610	1.8	1.6	43,685	3,548	3,865	3,982	103,733	90,434	85,115	13
700	846	616	32,628	27,138	15,234	51,670	46,725	26,700	1.6	1.7	5,728	4,246	7,354	10,864	226,827	305,713	457,801	14
1,845	1,651	1,811	184,912	164,028	139,985	273,216	208,900	215,690	1.5	1.3	37,116	1,163	1,329	1,179	19,568	22,639	17,011	15
462	501	573	24,587	31,804	26,555	28,913	28,261	36,165	1.2	0.9	3,154	1,306	1,608	1,395	34,274	57,300	32,322	16
2,222	1,458	2,818	70,009	46,547	71,798	102,061	70,411	105,478	1.5	1.5	14,010	637	833	1,016	7,709	9,850	11,186	17
1,678	1,878	2,659	53,077	49,341	65,478	75,657	66,296	83,359	1.4	1.3	15,242	938	1,738	2,044	17,063	28,345	33,847	18
9	15	9	294	304	128	601	432	132	2.0	1.4	56	16	18	3	423	320	65	19
3,949	5,686	6,782	64,366	95,900	103,495	95,285	117,987	127,350	1.5	1.2	5,943	3,467	9,631	2,412	47,209	126,001	30,491	20
1,716	1,968	1,861	167,369	151,499	138,819	229,149	195,138	173,114	1.4	1.3	22,326	800	886	811	18,544	16,597	14,593	21
1,488	1,740	1,941	85,680	87,288	88,003	96,748	89,198	87,931	1.1	1.0	10,092	4,954	5,951	5,528	209,487	200,865	204,228	22
30	41	28	997	1,116	532	1,453	1,340	1,074	1.5	1.2	126	198	256	66	3,070	4,849	1,530	23
3,005	8,160	4,053	96,722	167,823	85,393	114,813	187,193	90,513	1.2	1.1	8,138	2,903	5,113	2,811	71,367	120,950	61,500	24
245	209	338	35,311	30,636	48,043	42,479	35,753	61,760	1.2	1.2	5,312	279	311	371	7,628	6,177	9,488	25
18	6	5	10,197	680	607	5,401	600	710	0.5	0.9	84	21	14	29	883	317	1,224	26
417	365	687	7,741	6,312	8,252	10,321	7,196	11,289	1.3	1.1	1,625	485	742	719	8,471	6,700	7,184	27
182	179	406	2,457	2,805	6,122	2,641	2,596	7,649	1.1	0.9	487	347	472	870	6,390	7,824	12,239	28
1	6	2	15	89	26	30	139	32	2.0	1.6	...	16	6	11	517	69	161	29
1,545	3,225	1,099	50,961	90,541	22,954	45,598	121,541	25,175	0.9	1.3	1,920	12,758	6,602	10,598	512,441	146,942	311,223	30
2	4	...	31	95	...	41	192	...	1.3	2.0	...	15	15	...	412	428	...	31
679	614	755	15,684	12,603	12,023	20,411	10,740	14,367	1.3	0.9	1,970	6,663	12,991	3,793	134,289	219,179	56,791	32
2,194	2,316	2,052	73,118	61,589	58,051	132,646	113,185	94,066	1.8	1.8	19,706	922	1,057	1,373	19,962	17,152	28,693	33
5,220	6,031	5,472	95,322	88,360	66,750	174,251	164,614	115,514	1.8	1.9	32,609	3,423	5,079	8,361	83,458	125,923	154,295	34
6	7	15	625	372	832	835	289	1,155	1.3	0.8	195	61	36	31	1,531	675	546	35
966	2,496	1,254	33,120	62,568	31,731	26,491	67,409	30,157	0.8	1.1	1,119	10,654	3,067	3,916	478,652	93,718	144,995	36
46	81	22	1,728	2,148	310	4,491	3,437	527	2.6	1.6	2,596	111	219	71	2,811	6,747	2,865	37
2,339	2,657	2,222	63,539	64,084	47,946	75,896	53,371	52,380	1.2	0.8	7,985	10,103	15,896	5,389	243,939	336,722	106,513	38
1,076	1,214	1,370	38,100	32,703	33,321	60,202	47,663	52,486	1.6	1.5	3,773	566	692	759	5,689	5,142	6,571	39
142	170	172	4,269	4,844	2,534	6,283	7,049	4,743	1.5	1.5	656	209	288	287	3,988	5,735	5,696	40
992	911	827	30,860	22,607	29,748	68,084	52,425	58,883	2.2	2.3	20,336	765	720	1,046	8,901	6,844	9,479	41
10,174	12,689	13,012	186,421	174,549	166,094	349,621	339,883	310,029	1.9	1.9	45,747	3,575	5,515	9,628	60,532	87,186	130,669	42
743	761	873	106,480	99,469	87,634	114,786	100,834	106,214	1.1	1.0	10,502	422	458	416	10,387	10,481	9,284	43
206	222	288	13,114	17,727	16,805	11,747	14,676	19,242	0.9	0.8	818	997	1,329	1,202	39,324	54,327	38,458	44

Summary Table 5.–SPECIFIED CROPS IRRIGATED[1]–FARMS REPORTING, ACREAGE, AND

	State and item	Oats, wheat, barley, rye, or other small grains cut for hay—Continued						Wild hay cut								
		Production (tons)						Farms reporting			Acres			Production (tons)		
		1959	1954	1949	Average per acre		Tons sold, 1959	1959	1954	1949	1959	1954	1949	1959	1954	1949
					1959	1954										
	18 States:															
1	Total.....	2,258,400	2,298,808	2,069,704	0.9	1.0	271,912	140,021	164,792	189,102	9,663,410	11,412,498	12,800,279	7,712,653	8,515,822	10,024,299
2	Irrigated.....	402,247	359,532	330,236	1.8	1.6	96,977	6,576	7,527	9,493	1,209,612	1,220,588	1,653,751	1,203,257	1,147,711	1,631,586
3	Nonirrigated..	1,856,153	1,939,276	1,739,468	0.8	1.0	174,935	133,445	157,265	179,609	8,453,798	10,191,910	11,146,528	6,509,396	7,368,111	8,392,713
	Louisiana:															
4	Irrigated.....	730	463	304	1.5	0.8	...	...	NA	NA	...	NA	NA	...	NA	NA
5	Nonirrigated.....	29,217	55,703	8,790	1.3	1.0	777	...	NA	NA	...	NA	NA	...	NA	NA
	Hawaii:*															
6	Irrigated.....	...	NA	NA	...	NA	...	...	NA	NA	...	NA	NA	...	NA	NA
7	Nonirrigated.....	...	NA	NA	...	NA	...	...	NA	NA	...	NA	NA	...	NA	NA
	17 Western States:															
8	Total.....	2,228,453	2,242,642	2,060,610	0.9	1.0	271,135	140,021	164,792	189,102	9,663,410	11,412,498	12,800,279	7,712,653	8,515,822	10,024,299
9	Irrigated.....	401,517	359,069	329,932	1.8	1.6	96,977	6,576	7,527	9,493	1,209,612	1,220,588	1,653,751	1,203,257	1,147,711	1,631,586
10	Nonirrigated..	1,826,936	1,883,573	1,730,678	0.8	1.0	174,158	133,445	157,265	179,609	8,453,798	10,191,910	11,146,528	6,509,396	7,368,111	8,392,713
	Arizona:															
11	Irrigated.....	15,694	27,072	24,531	1.8	1.9	5,108	44	29	43	1,147	768	1,012	1,612	991	1,307
12	Nonirrigated.....	1,507	1,857	3,719	0.8	0.8	118	21	23	42	754	1,059	1,457	675	633	1,471
	California:															
13	Irrigated.....	209,164	174,035	139,754	2.0	1.9	67,630	370	370	437	42,026	53,850	58,605	51,282	64,254	66,767
14	Nonirrigated.....	319,989	437,370	556,881	1.4	1.4	103,339	710	976	1,203	55,820	48,314	59,460	57,968	51,776	65,183
	Colorado:															
15	Irrigated.....	30,103	29,475	23,781	1.5	1.3	2,789	960	870	1,561	208,547	158,329	338,213	201,106	139,152	349,956
16	Nonirrigated.....	29,992	33,970	29,780	0.9	0.6	1,606	1,077	926	2,140	79,028	85,510	119,894	71,681	43,977	118,083
	Idaho:															
17	Irrigated.....	12,786	15,126	17,452	1.7	1.5	850	697	891	1,013	60,527	78,777	83,383	73,492	89,906	95,640
18	Nonirrigated.....	20,768	38,182	39,490	1.2	1.3	2,649	658	834	1,183	37,055	41,870	59,216	41,599	41,791	60,142
	Kansas:															
19	Irrigated.....	531	382	67	1.3	1.2	17	7	4	5	637	2,191	639	1,230	1,829	667
20	Nonirrigated.....	55,678	139,290	34,344	1.2	1.1	1,969	23,277	27,563	28,633	594,300	700,184	630,958	749,636	594,231	722,526
	Montana:															
21	Irrigated.....	26,461	21,667	18,496	1.4	1.3	1,457	1,191	1,370	1,488	281,623	289,258	287,618	274,999	268,516	255,831
22	Nonirrigated.....	176,399	175,579	119,956	0.8	0.9	5,010	3,846	5,548	5,876	255,976	416,144	425,663	192,502	302,867	284,299
	Nebraska:															
23	Irrigated.....	4,200	5,125	1,306	1.4	1.1	351	151	127	165	12,876	10,362	16,985	12,723	9,077	16,398
24	Nonirrigated.....	66,556	95,832	53,127	0.9	0.8	2,439	20,560	25,805	30,090	2,670,426	2,961,845	3,122,943	1,934,860	1,996,819	2,300,436
	Nevada:															
25	Irrigated.....	11,688	8,924	12,985	1.5	1.4	4,032	313	467	598	81,738	146,284	196,136	76,513	123,724	192,933
26	Nonirrigated.....	841	317	1,066	1.0	1.0	206	63	60	45	28,755	16,658	4,529	19,941	11,861	4,415
	New Mexico:															
27	Irrigated.....	10,816	9,315	9,001	1.3	1.4	3,031	134	218	210	5,888	3,385	6,202	5,902	3,264	6,469
28	Nonirrigated.....	5,745	6,080	13,516	0.9	0.8	864	142	179	334	9,716	12,730	14,472	7,802	6,518	10,787
	North Dakota:															
29	Irrigated.....	548	66	197	1.1	1.0	75	7	1	7	1,435	25	2,597	2,185	72	3,716
30	Nonirrigated.....	317,663	130,707	235,332	0.6	0.9	9,188	29,852	35,370	40,754	1,923,308	1,971,119	2,457,509	1,370,209	1,687,956	1,973,616
	Oklahoma:															
31	Irrigated.....	502	562	...	1.2	1.3	7	5	...	1	97	...	10	139	...	10
32	Nonirrigated.....	136,348	198,600	55,167	1.0	0.9	7,099	9,810	10,796	13,161	365,938	383,411	405,124	470,515	299,402	472,700
	Oregon:															
33	Irrigated.....	31,926	26,068	40,393	1.6	1.5	5,874	672	859	865	171,101	185,875	199,147	183,101	204,145	209,151
34	Nonirrigated.....	108,828	157,215	186,958	1.3	1.2	11,066	1,853	2,192	3,214	66,834	91,077	90,609	74,834	96,355	97,731
	South Dakota:															
35	Irrigated.....	1,764	550	621	1.2	0.8	191	22	40	53	1,612	1,614	4,242	1,076	1,491	3,627
36	Nonirrigated.....	251,423	73,627	90,510	0.5	0.8	6,278	25,257	34,282	36,645	1,957,235	3,140,028	3,361,941	1,040,314	1,967,118	1,900,756
	Texas:															
37	Irrigated.....	3,970	8,312	4,473	1.4	1.2	552	50	30	17	1,977	1,068	440	1,881	1,266	419
38	Nonirrigated.....	217,382	239,783	95,591	0.9	0.7	15,435	13,249	8,519	9,770	304,071	181,768	177,666	376,022	147,636	179,448
	Utah:															
39	Irrigated.....	9,686	7,940	10,390	1.7	1.5	519	965	1,270	1,559	52,161	62,225	79,209	62,985	67,091	96,058
40	Nonirrigated.....	3,707	5,028	5,977	0.9	0.9	399	331	475	545	11,346	21,894	20,532	13,711	20,820	27,061
	Washington:															
41	Irrigated.....	16,797	11,845	15,153	1.9	1.7	3,571	95	126	162	3,687	4,010	4,660	5,287	5,596	7,346
42	Nonirrigated.....	82,237	118,694	176,238	1.4	1.4	5,096	2,153	3,018	4,497	36,141	44,243	61,617	46,799	57,009	74,569
	Wyoming:															
43	Irrigated.....	14,881	12,605	11,332	1.4	1.2	923	893	855	1,309	282,533	222,567	374,653	247,744	167,337	325,291
44	Nonirrigated.....	31,873	31,442	33,026	0.8	0.6	1,397	586	699	1,477	57,095	74,056	132,938	40,328	41,342	99,490

See footnotes at end of table.

PRODUCTION, 1959, 1954, AND 1949; AND QUANTITY SOLD, 1959; FOR 19 SPECIFIED STATES—Continued

Wild hay cut—Continued			Other hay cut												Alfalfa seed harvested			
Production—Con. (tons)		Tons sold, 1959	Farms reporting			Acres			Production (tons)					Tons sold, 1959	Farms reporting			
Average per acre												Average per acre						
1959	1954		1959	1954	1949	1959	1954	1949	1959	1954	1949	1959	1954		1959	1954	1949	
0.8	0.7	704,832	84,010	96,525	111,729	2,071,365	2,185,943	2,506,697	2,401,667	2,086,037	2,585,455	1.2	1.0	232,747	20,183	35,782	39,321	1
1.0	0.9	91,662	3,906	4,958	5,549	148,065	158,703	201,081	229,561	226,289	265,246	1.6	1.4	37,040	3,436	5,648	6,704	2
0.8	0.7	613,170	80,104	91,567	106,180	1,923,300	2,027,240	2,305,616	2,172,106	1,859,748	2,320,209	1.1	0.9	195,707	16,747	30,134	32,617	3
...	...	...	68	105	41	1,777	2,734	216	2,361	2,970	138	1.3	1.1	168	...	...	...	4
...	...	...	8,845	8,503	8,542	219,601	176,259	117,204	308,993	195,234	140,876	1.4	1.1	24,886	...	1	...	5
...	NA	...	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	6
...	NA	...	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	...	...	NA	NA	7
0.8	0.7	704,832	75,097	87,917	103,146	1,849,987	2,006,950	2,389,277	2,090,313	1,887,833	2,444,441	1.1	0.9	207,693	20,183	35,781	39,321	8
1.0	0.9	91,662	3,838	4,853	5,508	146,288	155,969	200,865	227,200	223,319	265,108	1.6	1.4	36,872	3,436	5,648	6,704	9
0.8	0.7	613,170	71,259	83,064	97,638	1,703,699	1,850,981	2,188,412	1,863,113	1,664,514	2,179,333	1.1	0.9	170,821	16,747	30,133	32,617	10
1.4	1.3	98	114	256	147	5,182	9,202	2,792	11,039	19,577	4,951	2.1	2.1	2,408	163	204	412	11
0.9	0.6	40	18	28	42	1,287	459	751	2,476	412	659	1.9	0.9	110	...	...	5	12
1.2	1.2	4,811	696	826	752	28,356	27,391	24,993	48,542	48,885	39,348	1.7	1.8	13,082	644	937	646	13
1.0	1.1	10,093	309	1,311	1,519	15,888	43,817	52,168	16,522	74,460	70,065	1.0	1.7	2,677	32	64	286	14
1.0	0.9	24,899	404	401	658	16,154	10,501	21,994	23,032	12,299	29,392	1.4	1.2	2,796	379	737	1,084	15
0.9	0.5	7,262	1,203	1,358	1,635	44,221	47,858	48,675	35,689	30,447	44,685	0.8	0.6	3,011	207	197	526	16
1.2	1.1	4,016	229	252	463	6,958	4,467	11,337	11,361	7,332	17,871	1.6	1.6	1,738	552	603	802	17
1.1	1.0	4,090	249	418	661	7,248	10,387	10,920	10,123	12,807	15,672	1.4	1.2	2,132	257	307	546	18
1.9	0.8	4	33	47	14	684	765	208	1,372	1,230	167	2.0	1.6	97	34	128	141	19
1.3	0.8	114,922	5,630	8,886	6,247	74,996	122,736	85,967	104,892	123,777	107,676	1.4	1.0	6,602	5,306	7,007	7,613	20
1.0	0.9	14,986	349	492	690	18,518	28,669	33,559	21,460	29,694	35,116	1.2	1.0	2,493	173	459	688	21
0.8	0.7	12,644	2,311	3,807	2,699	120,879	192,974	117,032	73,265	125,443	80,791	0.6	0.7	5,727	561	1,089	1,539	22
1.0	0.9	1,050	76	139	80	1,307	3,334	1,378	1,809	4,144	1,697	1.4	1.2	39	35	49	156	23
0.7	0.7	131,877	3,148	6,627	8,358	70,814	148,306	203,226	73,906	127,953	191,890	1.0	0.9	4,717	4,731	5,208	5,572	24
0.9	0.8	6,471	46	48	104	3,628	1,971	7,395	4,653	2,365	8,400	1.3	1.2	757	16	17	70	25
0.7	0.7	1,238	4	5	20	1,037	316	2,187	975	414	2,051	0.9	1.3	...	2	1	6	26
1.0	1.0	541	234	367	334	3,257	3,494	2,838	3,848	4,260	3,950	1.2	1.2	460	139	149	221	27
0.8	0.5	319	170	298	396	9,613	12,928	8,998	7,914	5,914	8,027	0.8	0.5	1,936	2	3	40	28
1.5	2.9	235	22	5	11	775	46	194	967	52	173	1.2	1.1	19	3	7	20	29
0.7	0.9	118,773	7,102	10,274	11,912	200,187	264,881	322,411	151,916	272,557	283,790	0.8	1.0	9,798	819	3,899	3,856	30
1.4	...	96	18	16	2	456	316	32	1,348	449	43	3.0	1.4	15	38	125	36	31
1.3	0.8	90,084	11,896	9,795	11,978	255,081	175,433	194,893	319,202	140,542	210,305	1.3	0.8	25,705	1,709	3,401	4,394	32
1.1	1.1	6,280	433	480	661	14,442	14,071	28,082	23,024	23,403	42,556	1.6	1.7	3,069	169	233	194	33
1.1	1.1	5,300	2,187	3,024	3,409	41,808	47,092	110,176	64,208	71,331	162,476	1.5	1.5	11,081	59	68	107	34
0.7	0.9	155	14	45	30	520	1,050	624	443	1,107	666	0.9	1.1	80	34	56	73	35
0.5	0.6	58,277	4,849	5,937	8,099	123,442	152,640	255,190	90,863	133,192	180,170	0.7	0.9	4,968	2,353	7,636	6,275	36
1.0	1.2	203	519	576	295	15,376	15,220	6,933	30,825	23,911	9,789	2.0	1.6	5,064	53	98	149	37
1.2	0.8	50,840	29,118	27,297	33,948	643,737	544,401	619,985	821,326	453,634	658,376	1.3	0.8	81,897	262	525	846	38
1.2	1.1	4,457	166	353	504	2,770	6,094	10,835	4,458	8,820	15,753	1.6	1.4	957	584	1,109	1,254	39
1.2	1.0	960	59	106	137	1,263	2,692	3,233	1,552	3,093	4,303	1.2	1.1	123	314	405	528	40
1.4	1.4	115	296	243	228	5,734	4,150	3,263	10,312	7,919	5,801	1.8	1.9	1,949	277	462	215	41
1.3	1.3	4,773	2,340	3,203	5,250	38,581	44,279	66,421	58,002	68,992	99,000	1.5	1.6	8,974	25	36	66	42
0.9	0.8	23,245	189	307	535	22,171	25,228	44,408	28,707	27,872	49,435	1.3	1.1	1,849	143	275	543	43
0.7	0.6	1,678	666	690	1,328	53,617	39,782	86,179	30,282	19,546	59,397	0.6	0.5	1,363	108	287	412	44

Summary Table 5.–SPECIFIED CROPS IRRIGATED[1]–FARMS REPORTING, ACREAGE, AND

	State and item	Alfalfa seed harvested—Continued								Cotton harvested					
		Acres			Production (bushels)					Farms reporting			Acres		
								Average per acre							
		1959	1954	1949	1959	1954	1949	1959	1954	1959	1954	1949	1959	1954	1949
	18 States:														
1	Total	622,730	959,942	893,897	1,756,425	2,622,039	1,727,780	2.8	2.7	136,417	220,105	268,905	8,585,554	10,606,364	14,238,215
2	Irrigated	242,421	292,410	229,215	1,254,359	1,573,178	710,649	5.2	5.4	29,991	30,974	22,954	2,923,665	2,909,240	2,442,469
3	Nonirrigated	380,309	667,532	664,682	502,066	1,048,861	1,017,131	1.3	1.6	106,426	189,131	245,951	5,661,889	7,697,124	11,795,746
	Louisiana:														
4	Irrigated	...	...	...	...	...	...	...	...	46	248	37	1,445	6,368	357
5	Nonirrigated	...	50	...	...	33	...	...	0.7	24,328	51,100	64,060	479,969	665,644	915,773
	Hawaii:*														
6	Irrigated	...	NA	NA	...	NA	NA	...	NA	...	NA	NA	...	NA	NA
7	Nonirrigated	...	NA	NA	...	NA	NA	...	NA	...	NA	NA	...	NA	NA
	17 Western States:														
8	Total	622,730	959,892	893,897	1,746,569	2,622,006	1,727,780	2.8	2.7	112,043	168,757	204,808	8,104,140	9,934,352	13,322,085
9	Irrigated	242,421	292,410	229,215	1,254,359	1,573,178	710,649	5.2	5.4	29,945	30,726	22,917	2,922,220	2,902,872	2,442,112
10	Nonirrigated	380,309	667,482	664,682	492,210	1,048,828	1,017,131	1.3	1.6	82,098	138,031	181,891	5,181,920	7,031,480	10,879,973
	Arizona:														
11	Irrigated	16,748	27,356	41,789	47,493	99,478	135,741	2.8	3.6	2,535	2,745	1,651	362,138	438,177	372,282
12	Nonirrigated	...	...	117	...	...	350	...	...	3	...	10	794	...	462
	California:														
13	Irrigated	127,308	120,793	49,715	765,786	921,497	188,340	6.0	7.6	8,671	9,828	8,355	820,724	879,723	861,569
14	Nonirrigated	2,850	3,739	11,932	11,283	13,746	43,336	4.0	3.7	1	...	...	80	...	...
	Colorado:														
15	Irrigated	7,881	16,727	23,580	19,316	40,628	42,456	2.5	2.4	...	...	...	...	...	...
16	Nonirrigated	7,466	5,254	10,007	11,824	8,552	14,919	1.6	1.6	...	...	...	...	...	...
	Idaho:														
17	Irrigated	13,938	15,040	11,349	82,859	47,027	31,916	5.9	3.1	...	...	...	...	...	...
18	Nonirrigated	9,803	10,551	14,558	15,874	13,968	18,984	1.6	1.3	...	...	...	...	...	...
	Kansas:														
19	Irrigated	1,159	4,758	4,706	2,950	13,714	11,940	2.5	2.9	...	...	...	...	...	...
20	Nonirrigated	82,403	121,752	113,764	100,777	238,596	147,299	1.2	2.0	3	...	5	50	...	80
	Montana:														
21	Irrigated	7,516	16,666	20,227	12,104	38,153	46,926	1.6	2.3	...	...	...	...	...	...
22	Nonirrigated	30,487	50,558	62,133	41,975	89,245	105,751	1.4	1.8	...	...	...	...	...	...
	Nebraska:														
23	Irrigated	582	823	3,360	908	2,215	5,264	1.6	2.7	...	...	...	...	...	...
24	Nonirrigated	90,019	93,672	99,265	94,741	144,436	138,250	1.1	1.5	...	...	...	...	...	...
	Nevada:														
25	Irrigated	1,003	731	716	5,743	2,020	1,543	5.7	2.8	19	13	4	3,327	2,385	385
26	Nonirrigated	13	130	170	24	292	149	1.8	2.2	...	...	...	...	...	...
	New Mexico:														
27	Irrigated	4,220	5,477	6,593	17,419	26,991	20,220	4.1	4.9	2,844	3,229	3,066	182,194	189,256	257,496
28	Nonirrigated	64	71	990	175	69	1,363	2.7	1.0	132	122	388	6,898	7,794	27,698
	North Dakota:														
29	Irrigated	75	138	318	98	188	554	1.3	1.4	...	...	...	...	...	...
30	Nonirrigated	14,046	70,069	68,647	10,853	65,587	75,343	0.8	0.9	...	...	...	...	...	...
	Oklahoma:														
31	Irrigated	1,297	4,123	1,177	3,251	14,750	2,417	2.5	3.6	668	357	127	37,442	22,057	8,441
32	Nonirrigated	45,216	79,919	108,262	90,149	141,568	218,674	2.0	1.8	16,251	26,449	38,025	564,356	881,197	1,219,470
	Oregon:														
33	Irrigated	6,434	4,730	2,789	44,283	25,387	7,273	6.9	5.4	...	...	...	...	...	...
34	Nonirrigated	1,501	1,544	2,286	4,741	4,399	5,540	3.2	2.8	...	...	...	...	...	...
	South Dakota:														
35	Irrigated	978	903	1,781	1,264	1,704	5,135	1.3	1.9	...	...	...	...	...	...
36	Nonirrigated	73,910	193,391	124,150	71,531	252,633	158,391	1.0	1.3	...	...	...	...	...	...
	Texas:														
37	Irrigated	1,345	4,353	4,688	6,021	14,649	12,555	4.5	3.4	15,208	14,554	9,714	1,516,395	1,371,274	941,939
38	Nonirrigated	7,315	12,944	22,898	13,789	24,799	38,284	1.9	1.9	65,708	111,460	143,463	4,609,742	6,142,489	9,632,263
	Utah:														
39	Irrigated	26,535	38,409	37,766	110,368	151,940	137,445	4.2	4.0	...	...	...	...	...	...
40	Nonirrigated	10,211	14,651	11,883	23,920	30,979	31,413	2.3	2.1	...	...	...	...	...	...
	Washington:														
41	Irrigated	16,664	20,285	5,625	121,286	147,767	37,064	7.3	7.3	...	...	...	...	...	...
42	Nonirrigated	920	1,221	1,188	5,106	7,086	3,367	5.6	5.8	...	...	...	...	...	...
	Wyoming:														
43	Irrigated	8,738	11,098	13,036	13,210	25,070	23,860	1.5	2.3	...	...	...	...	...	...
44	Nonirrigated	4,085	8,016	12,432	5,304	12,873	15,718	1.3	1.6	...	...	...	...	...	...

See footnotes at end of table.

PRODUCTION, 1959, 1954, AND 1949; AND QUANTITY SOLD, 1959; FOR 19 SPECIFIED STATES—Continued

Cotton harvested—Continued					Sugar beets harvested for sugar											Irish potatoes harvested for home use or for sale			
Production (bales)					Farms reporting			Acres			Production (tons)					Farms reporting			
1959	1954	1949	Average per acre		1959	1954	1949	1959	1954	1949	1959	1954	1949	Average per acre		1959	1954	1949	
			1959	1954										1959	1954				
7,793,894	6,959,295	8,747,740	0.9	0.7	18,318	18,441	18,847	735,280	695,623	512,548	14,218,825	11,714,845	8,442,470	19.3	16.8	93,377	241,050	261,055	1
4,589,108	4,060,990	2,853,211	1.6	1.4	17,815	17,871	18,182	699,865	660,154	482,271	13,796,573	11,312,301	8,091,906	19.7	17.1	13,942	25,126	29,774	2
3,204,786	2,898,305	5,894,529	0.6	0.4	503	570	665	35,415	35,469	30,277	422,252	402,544	350,564	11.9	11.3	79,435	215,924	231,281	3
1,918	6,887	272	1.3	1.1	...	...	...	...	...	...	...	...	...	...	...	94	685	448	4
477,380	532,725	606,914	1.0	0.8	...	...	...	...	...	...	...	...	...	...	...	9,216	26,514	25,681	5
...	NA	NA	...	NA	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	51	NA	NA	6
...	NA	NA	...	NA	...	NA	NA	...	NA	NA	...	NA	NA	...	NA	28	NA	NA	7
7,314,596	6,419,683	8,140,554	0.9	0.6	18,318	18,441	18,847	735,280	695,623	512,548	14,218,825	11,714,845	8,442,470	19.3	16.8	84,067	213,851	234,926	8
4,587,190	4,054,103	2,852,939	1.6	1.4	17,815	17,871	18,182	699,865	660,154	482,271	13,796,573	11,312,301	8,091,906	19.7	17.1	13,848	24,441	29,326	9
2,727,406	2,365,580	5,287,615	0.5	0.3	503	570	665	35,415	35,469	30,277	422,252	402,544	350,564	11.9	11.3	70,219	189,410	205,600	10
696,341	842,694	530,279	1.9	1.9	...	...	4	...	...	514	...	...	8,290	...	...	72	76	126	11
522	...	487	0.7	...	...	...	...	...	...	...	...	...	...	...	...	15	19	51	12
1,791,123	1,458,520	1,230,532	2.2	1.7	2,096	1,755	1,423	205,037	213,258	127,748	4,774,519	4,314,422	2,390,861	23.3	20.2	998	1,627	2,228	13
137	...	...	1.7	...	3	...	...	463	...	...	6,931	...	...	15.0	...	153	1,022	1,639	14
...	...	...	...	...	4,153	3,820	4,729	142,327	111,089	113,978	2,431,246	1,614,394	1,853,814	17.1	14.5	1,552	2,761	3,709	15
...	...	...	...	...	8	107	85	514	2,081	1,896	7,233	24,833	28,846	14.1	11.9	160	574	721	16
...	...	...	...	...	3,904	3,969	3,889	91,102	85,696	57,790	1,950,490	1,547,436	1,071,501	21.4	18.1	5,283	7,766	9,256	17
...	...	...	...	...	7	...	34	154	...	565	2,556	...	8,886	16.6	...	978	3,643	2,792	18
...	...	...	...	...	112	85	101	7,756	6,014	4,379	126,982	62,806	44,510	16.4	10.4	28	28	7	19
13	...	15	0.3	...	...	...	1	...	...	35	...	...	80	...	...	13,582	19,940	31,872	20
...	...	...	...	...	1,270	1,305	1,495	55,963	53,660	48,880	866,723	695,648	592,315	15.5	13.0	930	2,099	2,201	21
...	...	...	...	...	...	8	167	...	203	7,213	...	2,375	92,306	...	11.7	2,756	6,862	5,288	22
...	...	...	...	...	1,645	1,697	1,440	63,121	58,502	36,707	1,066,332	778,717	547,934	16.9	13.3	525	885	1,402	23
...	...	...	...	...	9	28	56	316	1,076	1,325	4,392	8,397	17,307	13.9	7.8	7,662	17,524	21,921	24
5,972	2,883	499	1.8	1.2	9	...	...	458	...	...	8,344	...	...	18.2	...	117	281	471	25
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16	38	50	26
294,883	286,290	249,068	1.6	1.5	10	12	10	611	543	225	8,703	6,000	2,413	14.2	11.0	70	305	349	27
4,786	4,192	12,215	0.7	0.5	...	...	...	...	...	...	...	...	...	...	...	7	92	122	28
...	...	...	...	...	110	106	101	4,346	4,279	3,187	51,348	49,600	34,783	11.8	11.6	27	68	62	29
...	...	...	...	...	465	415	267	33,787	32,005	18,348	397,741	365,398	186,996	11.8	11.4	6,774	26,467	24,108	30
45,406	21,895	6,668	1.2	1.0	...	...	...	...	...	...	...	...	...	...	...	15	43	21	31
319,427	254,872	561,124	0.6	0.3	...	...	...	...	...	...	...	...	...	...	...	13,720	28,923	38,087	32
...	...	...	...	...	509	539	575	20,541	18,347	15,499	509,957	395,902	337,990	24.8	21.6	1,165	2,467	2,406	33
...	...	...	...	...	2	...	8	26	...	214	717	...	3,282	27.6	...	1,267	6,994	7,324	34
...	...	...	...	...	133	147	122	6,028	5,669	3,627	88,570	70,262	49,065	14.7	12.4	47	73	67	35
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,913	14,346	12,272	36
1,753,465	1,441,821	835,893	1.2	1.1	49	20	20	1,769	1,147	1,246	35,356	16,467	16,184	20.0	14.4	345	363	337	37
2,402,521	2,106,516	4,713,774	0.5	0.3	1	1	1	34	6	40	650	13	1,186	19.1	2.2	18,342	52,973	51,052	38
...	...	...	...	...	1,827	2,492	2,773	29,810	31,765	26,621	551,677	524,654	453,115	18.5	16.5	1,426	2,777	4,076	39
...	...	...	...	...	...	11	33	...	98	292	...	1,528	4,405	...	15.6	142	508	643	40
...	...	...	...	...	1,031	955	527	32,950	33,296	13,751	741,513	728,395	288,068	22.5	21.9	1,036	2,193	1,797	41
...	...	...	...	...	6	...	13	82	...	349	1,532	...	7,270	18.7	...	2,645	9,069	7,116	42
...	...	...	...	...	957	969	973	38,046	36,889	28,119	584,813	507,598	401,063	15.4	13.8	212	629	811	43
...	...	...	...	...	2	...	...	39	...	...	500	...	...	12.8	...	87	416	542	44

Summary Table 5.–SPECIFIED CROPS IRRIGATED[1]–FARMS REPORTING, ACREAGE, AND

	State and item	Irish potatoes harvested for home use or for sale—Continued						Vegetables harvested for sale[3]					Specified vegetables harvested for sale, 1959			
		Acres[5]			Production (bushels)			Farms reporting		Value (dollars)		Acres, 1959	Asparagus		Green snap beans	
		1959	1954	1949	1959	1954	1949	1959	1954	1959	1954		Farms reporting	Acres	Farms reporting	Acres
	18 States:															
1	Total	570,297	529,610	595,851	188,700,772	157,261,429	154,621,067	37,410	54,535	406,543,056	314,873,666	1,439,729	1,366	100,581	5,632	36,196
2	Irrigated	439,687	387,365	413,548	162,477,070	129,390,040	124,748,704	18,956	20,978	370,033,730	250,314,681	1,105,592	1,226	97,414	2,473	29,321
3	Nonirrigated	130,610	142,245	182,303	26,223,702	27,871,389	29,872,363	18,454	33,557	36,509,326	64,558,985	334,137	140	3,167	3,159	6,875
	Louisiana:															
4	Irrigated	23	67	47	3,768	10,056	5,340	317	539	184,730	242,924	1,428	...	...	81	199
5	Nonirrigated	3,189	6,905	8,996	322,405	752,961	660,483	3,326	5,919	1,766,987	2,818,568	18,533	1	(Z)	1,037	1,438
	Hawaii:*															
6	Irrigated	60	NA	NA	6,022	NA	NA	1,979	NA	2,477,455	NA	2,573	...	...	197	174
7	Nonirrigated	24	NA	NA	2,050	NA	NA	779	NA	716,890	NA	1,222	...	...	105	44
	17 Western States:															
8	Total	567,085	522,638	586,808	188,374,599	156,498,412	153,955,244	33,767	48,077	404,591,339	311,812,174	1,419,768	1,365	100,581	4,514	34,559
9	Irrigated	439,664	387,298	413,501	162,473,302	129,379,984	124,743,364	18,639	20,439	369,849,000	250,071,757	1,104,164	1,226	97,414	2,392	29,122
10	Nonirrigated	127,421	135,340	173,307	25,901,297	27,118,428	29,211,880	15,128	27,638	34,742,339	61,740,417	315,604	139	3,167	2,122	5,437
	Arizona:															
11	Irrigated	5,757	3,457	3,221	2,247,067	1,326,497	995,813	411	471	37,201,144	30,468,179	78,144	1	20	18	88
12	Nonirrigated	118	28	97	2,421	773	2,275	7	23	95,950	27,020	12	...	...	1	(Z)
	California:															
13	Irrigated	85,565	92,780	96,464	38,447,437	37,255,911	38,172,367	5,673	6,012	265,864,676	170,335,726	653,767	285	81,588	589	6,870
14	Nonirrigated	257	850	3,788	54,476	191,967	1,132,243	183	1,149	2,784,346	25,921,856	3,577	3	1,030	22	8
	Colorado:															
15	Irrigated	50,314	49,685	53,958	17,366,675	16,399,915	17,677,627	1,684	1,842	10,534,662	6,036,926	38,498	35	270	260	2,164
16	Nonirrigated	727	1,496	2,110	121,568	294,750	422,230	59	297	87,019	691,126	417	1	(Z)	15	28
	Idaho:															
17	Irrigated	195,537	146,291	137,584	65,990,480	42,022,173	34,353,847	1,255	1,372	3,148,288	2,796,493	20,430	8	56	53	197
18	Nonirrigated	4,104	3,860	6,939	894,103	870,525	1,179,806	88	263	631,351	800,461	7,798	...	...	7	2
	Kansas:															
19	Irrigated	242	54	28	47,274	7,542	4,462	88	45	316,417	82,536	2,052	7	29	5	5
20	Nonirrigated	917	1,213	4,816	215,431	265,745	761,191	1,069	807	727,537	622,112	5,060	31	80	78	52
	Montana:															
21	Irrigated	6,547	5,902	8,585	1,776,695	1,569,842	1,877,110	180	196	201,437	159,464	996	2	1	15	7
22	Nonirrigated	877	1,880	3,403	136,855	348,540	517,920	84	152	16,074	103,782	120	...	...	7	(Z)
	Nebraska:															
23	Irrigated	10,117	13,779	27,404	3,381,185	3,990,063	7,105,722	81	65	92,514	27,529	554	11	27	8	43
24	Nonirrigated	3,331	5,299	8,107	589,979	618,598	980,427	640	556	335,187	384,845	2,169	30	243	18	24
	Nevada:															
25	Irrigated	1,178	1,428	1,369	441,960	494,408	320,268	84	86	683,764	362,868	1,235	...	...	6	1
26	Nonirrigated	51	7	14	2,218	602	1,189	...	3	...	1,535	...	...	...	...	...
	New Mexico:															
27	Irrigated	1,751	712	917	542,008	131,840	154,169	881	1,224	3,101,552	3,328,875	11,687	5	47	47	111
28	Nonirrigated	266	47	286	3,755	2,310	11,618	32	58	3,398	9,686	101	...	...	4	2
	North Dakota:															
29	Irrigated	272	475	774	40,063	110,611	134,276	20	6	31,020	1,322	129	1	1	1	5
30	Nonirrigated	99,793	94,034	100,935	20,302,060	19,183,435	18,067,450	95	141	40,606	50,988	280	...	...	2	5
	Oklahoma:															
31	Irrigated	24	242	438	4,190	61,092	69,197	62	34	116,105	91,424	1,360	2	1	35	610
32	Nonirrigated	1,023	1,629	4,303	207,557	377,534	565,397	2,052	2,330	2,101,204	1,508,352	27,159	2	1	548	2,443
	Oregon:															
33	Irrigated	31,561	33,413	31,485	13,279,903	12,742,695	9,937,577	1,603	1,216	13,951,554	6,811,645	44,719	43	1,001	587	10,440
34	Nonirrigated	2,628	3,322	4,744	755,745	689,032	868,301	767	1,710	8,246,603	11,138,229	61,781	15	47	105	645
	South Dakota:															
35	Irrigated	354	330	161	60,935	76,537	19,375	46	30	56,560	28,584	421	2	1	2	(Z)
36	Nonirrigated	5,367	9,022	11,583	627,720	1,272,992	1,085,773	215	279	116,376	107,829	942	1	6	7	1
	Texas:															
37	Irrigated	13,033	7,036	12,151	3,389,397	1,004,226	1,189,831	3,071	3,688	23,107,848	19,189,795	190,176	14	309	343	6,426
38	Nonirrigated	3,346	5,644	13,387	540,890	830,584	1,407,802	8,702	17,703	8,631,695	11,488,315	135,730	11	28	1,117	1,740
	Utah:															
39	Irrigated	7,641	8,873	12,942	2,251,520	2,368,530	3,149,092	1,575	2,025	2,588,695	2,363,920	15,709	25	52	158	674
40	Nonirrigated	170	269	713	41,437	61,088	126,291	51	404	54,777	334,960	446	8	19	4	24
	Washington:															
41	Irrigated	26,505	18,602	20,282	12,273,930	8,522,937	8,384,788	1,862	2,041	8,742,207	7,501,018	43,184	785	14,011	242	1,318
42	Nonirrigated	3,789	6,104	6,856	1,310,378	2,017,581	1,933,345	1,045	1,748	10,828,572	8,547,800	69,526	37	1,713	178	336
	Wyoming:															
43	Irrigated	3,266	4,239	5,738	932,583	1,295,165	1,197,843	63	86	110,557	485,453	1,103	...	...	23	163
44	Nonirrigated	657	636	1,226	94,704	92,372	148,622	39	15	41,644	1,521	486	...	...	9	127

NA Not available. Z Reported in small fractions. [1]Data for a crop which was only partly irrigated are included with nonirrigated. [2]For 1959 and 1954, acres obtained by adding the individual hay crops, including grass silage. Sorghum and annual legume hays are not included. [3]Includes data for the farms where all vegetables were wholly irrigated. [4]For 1959 and 1954 does not include data for farms with less than 20 trees and grapevines; for 1949 does not include acreage for farms reporting less than 1/2 acre. [5]For 1959 and 1954 does not include acreage for farms with less than 20 bushels harvested; for 1949, does not include acreage for farms with less than 15 bushels harvested. See text. [6]Data includes honeydews for Arizona; reported separately on the questionnaire. [7]Sorghums for all purposes, except sirup. [8]Does not include oats cut for feeding unthreshed. [9]Includes production of oats cleaned out of vetch and peas. * Not included in 18 States total.

PRODUCTION, 1959, 1954, AND 1949; AND QUANTITY SOLD, 1959; FOR 19 SPECIFIED STATES—Continued

Specified vegetables harvested for sale, 1959—Continued														Land in bearing and nonbearing fruit orchards, groves, vineyards, coffee plantations, and planted nut trees[4]						
Cabbage		Cantaloups and muskmelons[6]		Sweet corn		Lettuce and romaine		Dry onions		Green peas		Tomatoes		Farms reporting			Acres			
Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	Farms reporting	Acres	1959	1954	1950	1959	1954	1950	
3,577	38,851	4,973	97,513	10,501	93,597	2,331	181,144	4,082	71,692	2,424	146,445	13,483	218,471	113,994	132,632	537,868	2,029,194	1,874,515	2,270,601	1
2,125	32,493	2,108	89,608	5,563	76,679	2,066	179,299	2,995	58,690	1,533	24,307	6,936	210,110	59,750	67,668	116,532	1,538,782	1,338,777	1,513,447	2
1,452	6,358	2,865	7,905	4,938	16,918	265	1,845	1,087	13,002	891	122,138	6,547	8,361	54,244	64,964	421,336	490,412	535,738	757,154	3
22	52	2	2	20	52	1	(Z)	...	...	3	11	34	32	48	50	1,688	105	329	86	4
625	2,155	90	91	586	1,571	15	14	28	49	38	45	892	726	4,767	3,155	38,104	48,671	57,831	62,365	5
118	383	...	...	100	144	113	168	74	119	...	...	170	195	1,609	NA	NA	817	NA	NA	6
65	120	...	...	36	22	50	202	9	17	...	...	69	101	1,044	NA	NA	14,481	NA	NA	7
2,930	36,644	4,881	97,420	9,895	91,974	2,315	181,130	4,054	71,643	2,383	146,389	12,557	217,713	109,179	129,427	498,076	1,980,418	1,816,355	2,208,150	8
2,103	32,441	2,106	89,606	5,543	76,627	2,065	179,299	2,995	58,690	1,530	24,296	6,902	210,078	59,702	67,618	114,844	1,538,677	1,338,448	1,513,361	9
827	4,203	2,775	7,814	4,352	15,347	250	1,831	1,059	12,953	853	122,093	5,655	7,635	49,477	61,809	383,232	441,741	477,907	694,789	10
59	1,219	141	19,093	87	391	175	44,392	60	1,438	4	81	62	248	1,156	1,352	3,259	27,693	17,372	21,642	11
2	(Z)	1	(Z)	6	5	1	(Z)	2	1	...	...	4	1	149	128	930	1,286	1,246	1,578	12
650	10,969	579	58,085	795	18,256	1,063	118,313	649	13,716	203	8,293	2,662	156,420	39,520	43,012	56,995	1,219,722	1,071,909	1,156,606	13
8	3	21	355	69	138	15	657	13	41	13	424	62	558	10,852	14,315	29,569	215,086	251,076	314,051	14
200	1,833	270	2,159	477	2,819	210	5,839	595	7,613	199	3,017	603	3,913	2,005	2,756	7,832	17,472	19,287	24,695	15
8	51	4	4	45	81	6	14	10	89	8	22	11	33	328	431	4,673	1,047	999	2,557	16
59	266	54	109	834	12,044	27	168	145	1,927	193	1,912	93	115	1,092	1,377	8,577	13,981	13,359	15,120	17
6	19	7	45	38	41	...	...	4	105	41	7,511	18	9	353	415	5,542	787	799	1,563	18
14	43	47	898	41	148	3	7	30	393	2	6	67	155	38	41	71	303	122	27	19
63	125	320	660	702	1,541	12	16	163	67	18	8	775	422	3,319	3,318	42,930	8,200	8,073	14,562	20
53	38	6	3	149	671	15	66	43	28	38	8	60	17	491	676	2,599	1,574	2,118	2,262	21
25	7	...	...	68	56	2	1	18	19	24	4	35	10	347	334	3,682	809	769	1,206	22
12	23	21	20	71	190	1	2	9	28	1	37	56	88	74	100	532	134	118	147	23
30	62	127	159	533	617	4	4	5	5	5	26	420	253	2,554	3,861	31,114	3,127	4,197	6,219	24
6	1	24	42	25	47	7	55	41	703	3	1	10	4	224	262	1,081	343	465	568	25
...	...	...	...	...	...	...	...	...	...	...	...	...	...	42	20	231	81	26	86	26
51	309	243	519	270	392	117	2,512	221	2,590	36	13	307	2,298	2,022	2,904	5,564	12,457	12,211	13,127	27
2	2	10	4	20	10	4	1	8	1	3	1	7	1	330	493	3,671	787	1,140	2,123	28
6	13	2	3	9	54	2	1	2	5	1	4	10	15	6	2	31	30	5	2	29
8	9	4	7	69	147	1	1	7	49	1	5	52	31	863	927	6,260	1,083	1,146	1,689	30
2	2	28	77	24	61	...	...	6	64	1	1	35	39	22	18	19	109	65	29	31
42	92	631	1,383	711	1,898	9	5	47	135	22	226	931	678	5,816	7,474	56,988	35,596	36,588	60,365	32
103	320	89	382	834	17,702	50	248	233	3,339	63	1,725	267	473	1,968	2,428	5,663	32,576	30,650	29,076	33
120	827	41	241	269	1,184	21	69	79	680	162	55,368	155	93	8,160	10,552	33,500	66,762	75,232	101,430	34
9	15	8	14	38	143	1	1	3	1	4	1	42	56	22	46	128	29	62	69	35
9	22	23	102	151	284	...	...	6	7	1	(Z)	127	77	481	1,254	12,437	689	1,597	2,890	36
616	16,420	271	7,168	407	6,261	184	6,784	564	24,846	10	252	1,732	41,401	2,547	2,377	5,413	80,826	54,927	128,135	37
365	2,456	1,573	4,836	1,166	4,143	74	337	655	11,720	73	96	2,939	5,377	12,334	12,352	115,728	92,570	77,860	161,231	38
76	290	149	388	708	4,243	24	102	188	771	565	4,288	582	3,635	1,793	3,084	6,186	11,763	14,391	16,853	39
1	2	9	15	27	227	...	...	1	(Z)	10	98	8	41	200	324	2,154	869	966	2,144	40
170	668	161	633	719	12,943	176	808	187	1,206	186	4,150	286	1,168	6,621	7,040	9,419	119,505	101,172	104,546	41
135	526	4	3	452	4,760	98	725	35	34	466	58,245	95	35	3,279	5,540	32,919	12,846	15,978	20,930	42
17	12	13	13	55	262	10	1	19	22	21	507	28	33	101	143	1,475	160	215	457	43
3	(Z)	...	...	26	215	3	1	6	(Z)	6	59	16	16	70	71	904	116	215	165	44

Summary Table 6.—NUMBER OF FARMS, IRRIGATED FARMS, LAND IRRIGATED, NUMBER OF IRRIGATION ORGANIZATIONS, AND LAND IRRIGATED BY IRRIGATION ORGANIZATIONS: 1890 TO 1959

[Interstate organizations are counted once in each State, but only once in 18 States total. Acres irrigated is only part within State; acres irrigated direct by two or more organizations are counted twice. See text]

State and item	1959	1954	1950	1945	1940	1935	1930	1920	1910	1900	1890
18 States, total:											
All farms.....number...	1,044,166	1,291,246	1,430,097	1,564,691	1,681,171	1,931,631	1,820,479	1,683,787	1,561,368	1,211,644	810,118
All land in farms..acres...	714,860,571	714,646,180	699,178,437	684,020,148	611,005,769	590,578,471	552,640,743	487,984,204	399,046,472	359,839,348	180,704,505
Irrigated farms...number...	267,431	286,793	288,914	277,814	290,126	288,495	264,051	221,623	162,491	113,829	54,136
Land irrigated in census year.....acres...	31,222,967	27,678,507	24,847,341	19,966,986	17,657,365	12,803,202	14,486,342	(1)	(1)	7,744,467	3,715,936
Irrigation organizations.....number...	8,749	NA	10,491	NA	5,583	NA	4,373	NA	NA	NA	NA
Acreage reported irrigated by organizations..acres...	17,700,841	NA	14,974,785	NA	16,377,775	NA	13,130,663	12,339,434	NA	NA	NA
Arizona:											
All farms.....number...	7,233	9,321	10,412	13,142	18,468	18,824	14,173	9,975	9,227	5,809	1,426
All land in farms.....acres...	40,203,386	41,789,946	39,916,440	37,856,370	25,651,092	14,018,540	10,526,627	5,802,126	1,246,613	1,935,327	1,297,033
Irrigated farms.....number...	5,391	6,809	7,822	9,634	10,339	10,050	8,523	6,605	4,841	2,981	1,075
Land irrigated in census year.....acres...	1,152,450	1,177,407	963,560	736,027	575,464	430,056	448,806	(1)	(1)	185,396	65,821
Irrigation organizations.....number...	155	NA	163	NA	103	NA	92	NA	NA	NA	NA
Acreage reported irrigated by organizations.....acres...	643,846	NA	555,958	NA	580,202	NA	501,754	387,054	NA	NA	NA
California:											
All farms.....number...	99,274	123,075	137,168	138,917	132,658	150,360	135,676	117,670	88,197	72,542	52,894
All land in farms.....acres...	36,887,948	37,794,780	36,613,291	35,054,379	30,524,324	30,437,995	30,442,581	29,365,667	27,931,444	28,828,951	21,427,293
Irrigated farms.....number...	74,138	84,502	90,755	87,205	84,310	91,347	85,784	67,391	39,352	25,675	13,732
Land irrigated in census year.....acres...	7,395,570	7,048,049	6,438,324	4,952,819	4,276,554	3,513,700	3,540,350	(1)	(1)	1,446,114	1,004,233
Irrigation organizations.....number...	1,075	NA	1,506	NA	1,246	NA	965	NA	NA	NA	NA
Acreage reported irrigated by organizations.....acres...	4,184,482	NA	3,135,281	NA	3,171,568	NA	3,011,175	2,716,170	NA	NA	NA
Colorado:											
All farms.....number...	33,390	40,749	45,578	47,618	51,436	63,644	59,956	59,934	46,170	24,700	16,389
All land in farms.....acres...	38,787,312	38,385,234	37,953,099	36,217,808	31,527,240	29,978,472	28,876,171	24,462,014	13,532,113	9,474,588	4,598,941
Irrigated farms.....number...	20,312	23,355	27,121	28,054	29,766	30,321	31,288	28,756	25,857	17,613	9,659
Land irrigated in census year.....acres...	2,684,757	2,262,921	2,872,348	2,698,579	2,467,548	1,882,888	2,291,927	(1)	(1)	1,611,271	890,735
Irrigation organizations.....number...	1,933	NA	2,302	NA	848	NA	583	NA	NA	NA	NA
Acreage reported irrigated by organizations.....acres...	2,669,677	NA	2,399,618	NA	2,807,803	NA	2,423,911	2,333,973	NA	NA	NA
Idaho:											
All farms.....number...	33,670	38,740	40,284	41,498	43,663	45,113	41,674	42,106	30,807	17,471	6,603
All land in farms.....acres...	15,232,401	14,364,471	13,224,192	12,503,332	10,297,745	9,951,661	9,346,908	8,375,873	5,283,604	3,204,903	1,302,256
Irrigated farms.....number...	25,383	28,218	29,413	28,571	29,898	28,350	27,953	25,283	16,439	9,188	4,323
Land irrigated in census year.....acres...	2,576,580	2,324,571	2,137,237	2,026,280	1,895,048	1,388,200	1,634,321	(1)	(1)	608,718	217,005
Irrigation organizations.....number...	927	NA	1,064	NA	482	NA	410	NA	NA	NA	NA
Acreage reported irrigated by organizations.....acres...	2,299,457	NA	1,896,032	NA	2,854,343	NA	1,853,762	1,975,456	NA	NA	NA
Kansas and Oklahoma:											
All farms.....number...	199,023	239,146	273,640	305,982	336,014	387,914	369,908	357,274	368,033	281,098	175,443
All land in farms.....acres...	85,953,558	85,653,583	84,617,969	84,751,240	82,976,952	83,344,640	80,766,464	77,377,113	72,244,152	64,651,309	31,820,879
Irrigated farms.....number...	7,073	4,356	1,632	710	1,853	1,515	782	577	1,143	1,053	519
Land irrigated in census year.....acres...	959,733	439,702	172,757	98,485	87,309	46,196	59,048	(1)	(1)	26,379	20,818
Irrigation organizations.....number...	16	NA	13	NA	41	NA	12	NA	NA	NA	NA
Acreage reported irrigated by organizations.....acres...	106,468	NA	78,489	NA	42,984	NA	54,721	34,766	NA	NA	NA
Louisiana:											
All farms.....number...	74,438	111,127	124,181	129,295	150,007	170,216	161,445	135,463	120,546	115,969	69,294
All land in farms.....acres...	10,347,328	11,441,343	11,202,278	10,039,657	9,996,108	10,444,288	9,355,437	10,019,822	10,439,481	11,059,127	9,544,219
Irrigated farms.....number...	4,817	6,897	7,438	7,185	7,037	6,585	5,588	6,471	2,690	4,531	NA
Land irrigated in census year.....acres...	484,850	707,818	576,775	535,619	413,969	361,943	400,375	(1)	(1)	201,685	84,377
Irrigation organizations.....number...	203	NA	321	NA	49	NA	86	NA	NA	NA	NA
Acreage reported irrigated by organizations.....acres...	185,539	NA	260,897	NA	198,431	NA	224,642	195,209	NA	NA	NA
Montana:											
All farms.....number...	28,959	33,061	35,085	37,747	41,823	50,564	47,495	57,677	26,214	13,370	5,603
All land in farms.....acres...	64,081,391	61,468,903	59,247,434	58,787,318	46,451,594	47,511,868	44,659,152	35,070,656	13,545,603	11,844,454	1,964,197
Irrigated farms.....number...	11,935	13,114	13,457	12,997	15,087	13,864	11,925	10,807	8,970	8,043	3,706
Land irrigated in census year.....acres...	1,874,520	1,890,671	1,716,792	1,555,480	1,587,602	1,272,054	1,343,035	(1)	(1)	951,154	350,582
Irrigation organizations.....number...	1,050	NA	1,234	NA	432	NA	224	NA	NA	NA	NA
Acreage reported irrigated by organizations.....acres...	1,347,197	NA	1,149,358	NA	1,047,204	NA	709,638	705,114	NA	NA	NA
Nebraska:											
All farms.....number...	90,475	100,846	107,183	111,756	121,062	133,616	129,458	124,417	129,678	121,525	113,608
All land in farms.....acres...	47,755,708	47,486,580	47,466,828	47,752,941	47,343,981	46,615,762	44,708,565	42,225,475	38,622,021	29,911,779	21,593,444
Irrigated farms.....number...	18,936	12,500	9,680	7,156	6,913	5,140	4,602	3,021	1,852	1,932	214
Land irrigated in census year.....acres...	2,077,926	1,171,369	876,259	631,762	473,775	345,417	404,481	(1)	(1)	148,538	11,744
Irrigation organizations.....number...	68	NA	68	NA	97	NA	66	NA	NA	NA	NA
Acreage reported irrigated by organizations.....acres...	706,339	NA	508,161	NA	640,047	NA	475,145	374,550	NA	NA	NA

See footnotes at end of table.

Summary Table 6.–NUMBER OF FARMS, IRRIGATED FARMS, LAND IRRIGATED, NUMBER OF IRRIGATION ORGANIZATIONS, AND LAND IRRIGATED BY IRRIGATION ORGANIZATIONS: 1890 TO 1959–Continued

[Interstate organizations are counted once in each State, but only once in 18 States total. Acres irrigated is only part within State; acres irrigated direct by two or more organizations are counted twice. See text]

State and item	1959	1954	1950	1945	1940	1935	1930	1920	1910	1900	1890
Nevada:											
All farms.....number...	2,354	2,857	3,110	3,429	3,573	3,696	3,442	3,163	2,689	2,184	1,277
All land in farms.....acres...	10,942,936	8,231,270	7,063,525	6,178,004	3,785,106	3,621,769	4,080,906	2,357,163	2,714,757	2,565,647	1,661,416
Irrigated farms.....number...	2,110	2,509	2,819	3,072	3,264	2,927	3,031	2,718	2,406	1,906	1,167
Land irrigated in census year.....acres...	542,976	567,498	727,498	674,204	755,636	253,286	390,192	(1)	(1)	504,168	224,403
Irrigation organizations.....number...	116	NA	157	NA	102	NA	47	NA	NA	NA	NA
Acreage reported irrigated by organizations.....acres...	263,005	NA	286,299	NA	385,589	NA	169,730	205,546	NA	NA	NA
New Mexico:											
All farms.....number...	15,919	21,070	23,599	29,695	34,105	41,369	31,404	29,844	35,676	12,311	4,458
All land in farms.....acres...	46,293,207	49,450,885	47,521,809	49,608,445	38,860,427	34,397,205	30,822,034	24,409,633	11,270,021	5,130,878	787,882
Irrigated farms.....number...	8,850	11,690	12,691	14,299	15,811	17,093	14,347	11,390	12,795	9,128	3,085
Land irrigated in census year.....acres...	731,835	649,615	655,287	534,640	436,402	314,319	371,269	(1)	(1)	203,893	91,745
Irrigation organizations.....number...	447	NA	620	NA	488	NA	502	NA	NA	NA	NA
Acreage reported irrigated by organizations.....acres...	366,086	NA	384,210	NA	402,673	NA	396,295	387,026	NA	NA	NA
North Dakota:											
All farms.....number...	54,928	61,943	65,401	69,520	73,962	84,606	77,975	77,690	74,360	45,332	27,611
All land in farms.....acres...	41,465,717	41,876,924	41,194,044	41,001,158	37,936,136	39,118,136	38,657,894	36,214,751	28,426,650	15,542,640	7,660,333
Irrigated farms.....number...	471	399	304	206	479	273	113	340	69	54	7
Land irrigated in census year.....acres...	47,656	37,672	35,294	22,814	19,975	11,759	10,651	(1)	(1)	4,872	445
Irrigation organizations.....number...	12	NA	6	NA	13	NA	1	NA	NA	NA	NA
Acreage reported irrigated by organizations.....acres...	39,849	NA	34,405	NA	19,383	NA	6,089	8,766	NA	NA	NA
Oregon:											
All farms.....number...	42,573	54,441	59,827	63,125	61,829	64,826	55,153	50,206	45,502	35,837	25,530
All land in farms.....acres...	21,236,298	21,047,340	20,327,683	19,754,257	17,988,307	17,357,549	16,548,678	13,542,318	11,685,110	10,071,328	6,909,888
Irrigated farms.....number...	17,724	19,826	17,663	15,597	16,159	13,243	11,387	9,154	6,669	4,636	3,150
Land irrigated in census year.....acres...	1,384,284	1,490,366	1,306,810	1,129,059	1,030,228	578,838	637,967	(1)	(1)	388,310	177,944
Irrigation organizations.....number...	650	NA	755	NA	268	NA	205	NA	NA	NA	NA
Acreage reported irrigated by organizations.....acres...	846,182	NA	739,052	NA	594,171	NA	447,872	395,536	NA	NA	NA
South Dakota:											
All farms.....number...	55,727	62,520	66,452	68,705	72,454	83,303	83,157	74,637	77,644	52,622	50,158
All land in farms.....acres...	44,850,666	44,949,473	44,785,529	43,031,964	39,473,584	37,101,871	36,470,083	34,636,491	26,016,892	19,070,616	11,396,460
Irrigated farms.....number...	1,002	923	807	708	967	974	763	1,198	500	606	189
Land irrigated in census year.....acres...	115,629	90,371	78,069	52,895	54,073	56,565	59,361	(1)	(1)	43,676	15,717
Irrigation organizations.....number...	25	NA	24	NA	41	NA	16	NA	NA	NA	NA
Acreage reported irrigated by organizations.....acres...	83,984	NA	67,539	NA	49,592	NA	55,839	69,018	NA	NA	NA
Texas:											
All farms.....number...	227,071	292,947	331,567	384,977	418,002	501,017	495,489	436,033	417,770	352,190	228,126
All land in farms.....acres...	143,217,559	145,812,733	145,389,014	141,337,744	137,683,372	137,597,389	124,707,130	114,020,621	112,435,067	125,807,017	51,406,937
Irrigated farms.....number...	27,884	26,315	21,427	15,110	19,568	16,435	10,861	5,974	5,238	1,325	623
Land irrigated in census year.....acres...	5,655,638	4,707,028	3,131,534	1,320,216	894,638	568,533	594,287	(1)	(1)	49,652	18,419
Irrigation organizations.....number...	103	NA	122	NA	116	NA	80	NA	NA	NA	NA
Acreage reported irrigated by organizations.....acres...	943,818	NA	1,042,714	NA	708,131	NA	666,626	475,440	NA	NA	NA
Utah:											
All farms.....number...	17,811	22,826	24,176	26,322	25,411	30,695	27,159	25,662	21,676	19,387	10,517
All land in farms.....acres...	12,688,518	12,262,222	10,865,165	10,309,107	7,302,007	6,239,318	5,613,101	5,050,410	3,397,699	4,116,951	1,323,705
Irrigated farms.....number...	15,701	19,406	21,126	23,543	22,612	24,332	23,847	22,218	19,709	17,924	9,724
Land irrigated in census year.....acres...	1,061,683	1,072,682	1,137,995	1,124,081	911,135	583,183	917,139	(1)	(1)	629,293	263,473
Irrigation organizations.....number...	984	NA	1,058	NA	822	NA	684	NA	NA	NA	NA
Acreage reported irrigated by organizations.....acres...	1,109,620	NA	1,083,250	NA	1,386,921	NA	1,151,885	1,204,764	NA	NA	NA
Washington:											
All farms.....number...	51,577	65,175	69,820	79,887	81,686	84,381	70,904	66,288	56,192	33,202	18,056
All land in farms.....acres...	18,716,972	17,641,429	17,369,245	16,719,870	15,181,815	14,680,091	13,533,778	13,244,720	11,712,235	8,499,297	4,179,190
Irrigated farms.....number...	19,292	18,844	16,928	15,974	17,426	18,186	15,949	13,271	7,664	3,513	1,046
Land irrigated in census year.....acres...	1,006,969	778,135	589,035	520,153	493,982	422,335	405,027	(1)	(1)	135,470	48,799
Irrigation organizations.....number...	350	NA	441	NA	246	NA	200	NA	NA	NA	NA
Acreage reported irrigated by organizations.....acres...	847,752	NA	513,583	NA	684,613	NA	411,268	387,684	NA	NA	NA
Wyoming:											
All farms.....number...	9,744	11,402	12,614	13,076	15,018	17,487	16,011	15,748	10,987	6,095	3,125
All land in farms.....acres...	36,199,666	34,989,064	34,420,892	33,116,554	28,025,979	28,161,911	23,525,234	11,809,351	8,543,010	8,124,536	1,830,432
Irrigated farms.....number...	6,412	7,130	7,831	7,793	8,637	7,860	7,308	6,449	6,297	3,721	1,917
Land irrigated in census year.....acres...	1,469,911	1,262,632	1,431,767	1,353,873	1,284,027	773,930	978,106	(1)	(1)	605,878	229,676
Irrigation organizations.....number...	686	NA	693	NA	243	NA	200	NA	NA	NA	NA
Acreage reported irrigated by organizations.....acres...	1,057,540	NA	839,939	NA	752,366	NA	570,311	483,362	NA	NA	NA

NA Not available.
[1]Available data not comparable.

Summary Table 7.–NUMBER OF IRRIGATION ORGANIZATIONS AND ACREAGE IRRIGATED BY TYPE OF ORGANIZATION: 1920 TO 1959

[Interstate organizations are counted in each State in which they had irrigation works, but only once in 18 States total. For interstate organizations data represent only that part within the State. See text]

State and year	Total irrigation by organizations		Mutual				Commercial		District	
			Unincorporated		Incorporated					
	Number	Acres irrigated	Number	Acres irrigated	Number	Acres irrigated	Number	Acres irrigated	Number	Acres irrigated
18 States, total:										
1959	8,749	17,700,841	4,989	2,067,317	2,737	6,732,753	246	572,912	558	6,920,527
1950	10,491	14,974,785	6,464	2,129,377	2,884	5,637,204	401	948,675	483	4,962,413
1940	5,583	16,377,775	1,676	1,006,159	2,678	6,504,526	273	1,143,359	441	3,807,967
1930	4,342	13,130,663	[13]3,320	6,271,334	(1)	(1)	389	1,224,463	363	3,452,275
1920	NA	12,339,434	NA	6,580,325	NA	(1)	NA	1,819,601	NA	1,822,887
Arizona:										
1959	155	643,846	42	17,583	34	308,784	...	...	15	187,068
1950	163	555,958	61	16,503	37	290,663	1	(D)	12	131,373
1940	103	580,202	29	11,153	32	71,981	2	12,635	14	77,164
1930	92	501,754	[14]2	[15]8,733	(1)	(1)	3	32,600	15	117,869
1920	NA	387,054	NA	[1]14,482	NA	(1)	NA	14,500	NA	300
California:										
1959	1,075	4,184,482	384	75,038	432	1,035,041	51	158,517	173	2,836,277
1950	1,506	3,135,281	709	126,605	561	761,621	80	296,439	114	1,821,295
1940	1,246	3,171,568	284	109,390	658	788,784	104	391,976	101	1,778,784
1930	965	3,011,175	[15]77	[1]853,547	(1)	(1)	200	312,313	84	1,598,830
1920	NA	2,716,170	NA	[1]1,215,696	NA	(1)	NA	873,499	NA	577,168
Colorado:										
1959	1,933	2,669,677	1,261	543,826	642	1,938,870	4	2,740	14	161,657
1950	2,302	2,399,618	1,579	559,708	686	1,652,636	6	14,873	20	155,216
1940	848	2,807,803	251	158,075	500	2,222,912	53	115,280	21	186,925
1930	583	2,423,911	[15]31	[1]1,789,909	(1)	(1)	28	286,846	15	230,400
1920	NA	2,333,973	NA	[1]1,789,385	NA	(1)	NA	212,138	NA	248,409
Idaho:										
1959	927	2,299,457	497	211,622	367	1,295,602	1	(D)	53	676,471
1950	1,064	1,896,032	648	220,841	348	1,035,999	3	450	54	567,261
1940	482	2,854,343	116	67,522	289	1,205,821	5	8,719	51	348,363
1930	410	1,853,762	[15]53	[1]1,198,482	(1)	(1)	...	...	43	304,010
1920	NA	1,975,456	...	[1]938,421	NA	(1)	NA	6,503	NA	355,995
Kansas and Oklahoma:										
1959	16	106,468	2	(D)	8	45,774	...	...	2	(D)
1950	13	78,489	4	[2]2,013	8	43,920	...	...	...	...
1940	41	42,984	2	40,243	13	...	1	(D)	...	...
1930	12	54,721	[17]	[1]37,991	(1)	...	2	16,000	...	...
1920	NA	34,766	NA	[1]34,516	NA	(1)	NA	150	...	...
Louisiana:										
1959	203	185,539	37	(D)	1	(D)	165	175,837	...	...
1950	321	260,897	47	15,735	4	1,574	270	243,588	...	...
1940	49	198,341	12	1,701	8	36,939	28	159,764	...	...
1930	86	224,642	...	...	...	...	85	224,625	...	...
1920	NA	195,209	NA	[1]10,635	NA	(1)	NA	184,574	...	...
Montana:										
1959	1,050	1,347,197	787	362,973	203	491,189	...	...	35	309,869
1950	1,234	1,149,358	994	323,918	158	339,246	3	528	39	236,790
1940	432	1,047,204	126	158,840	132	417,820	17	[3]141,890	26	(3)
1930	224	709,638	[15]180	[1]418,862	(1)	(1)	8	22,375	25	83,870
1920	NA	705,114	NA	[1]393,257	NA	(1)	NA	34,115	NA	35,153
Nebraska:										
1959	68	706,339	9	(D)	17	64,742	1	(D)	40	600,265
1950	68	508,161	11	5,873	15	43,289	1	...	39	445,138
1940	97	640,047	15	61,617	24	(1)	5	28,723	38	291,368
1930	66	475,145	[15]20	[1]54,811	(1)	(1)	10	53,574	31	219,590
1920	NA	374,550	NA	[1]55,408	NA	(1)	NA	25,335	NA	206,206
Nevada:										
1959	116	263,005	61	49,199	42	79,179	1	(D)	4	120,327
1950	157	286,299	90	92,964	47	74,197	2	(D)	4	96,547
1940	102	385,589	38	85,039	39	144,914	2	(D)	2	67,940
1930	47	169,730	[15]32	[1]32,267	(1)	(1)	3	5,855	...	...
1920	NA	205,546	NA	[1]69,877	NA	(1)	NA	5,990	NA	80,000
New Mexico:										
1959	447	366,086	363	100,758	57	33,680	1	(D)	11	(D)
1950	620	384,210	485	105,874	80	51,017	1	...	7	84,673
1940	488	402,673	361	123,156	83	45,030	5	22,637	11	86,675
1930	502	396,295	[14]62	[1]233,286	(1)	(1)	5	16,192	5	22,000
1920	NA	387,026	NA	[1]264,610	NA	(1)	NA	19,871	NA	15,008
North Dakota:										
1959	12	39,849	1	(D)	1	(D)	...	...	6	(D)
1950	6	34,405	...	...	1	(D)	...	...	4	27,375
1940	13	19,383	...	...	2	500	...	...	3	4,605
1930	1	6,089	...	...	...	...	...	...	...	...
1920	NA	8,766	...	...	...	...	...	...	...	...
Oregon:										
1959	650	846,182	473	193,100	115	146,039	...	...	55	(D)
1950	755	739,052	580	218,868	117	117,748	...	...	47	252,069
1940	268	594,171	90	46,122	102	115,617	7	7,123	39	204,271
1930	205	447,872	[15]0	[1]184,940	(1)	(1)	4	12,619	35	160,974
1920	NA	395,536	NA	[1]186,037	NA	(1)	NA	27,338	NA	92,081

See footnotes at end of table.

Summary Table 7.–NUMBER OF IRRIGATION ORGANIZATIONS AND ACREAGE IRRIGATED BY TYPE OF ORGANIZATION: 1920 TO 1959–Continued

[Interstate organizations are counted in each State in which they had irrigation works, but only once in 18 States total. For interstate organizations data represent only that part within the State. See text]

State and year	U.S. Bureau of Reclamation; projects and storage systems operated by bureau		U. S. Bureau of Indian Affairs		State		City		Other	
	Number	Acres irrigated	Number	Acres irrigated	Number	Acres irrigated	Number	Acres irrigated	Number	Acres irrigated
18 States, total:										
1959	54	710,904	123	578,635	7	44,408	35	73,385	...	...
1950	37	682,413	141	506,076	31	51,782	50	56,845	...	...
1940	97	3,284,474	188	515,765	143	19,022	62	91,187	25	5,316
1930	30	1,485,028	110	331,840	40	11,489	45	121,218	45	233,016
1920	NA	1,254,569	NA	284,551	NA	5,620	NA	40,146	NA	531,735
Arizona:										
1959	2	(D)	59	125,574	1	(D)	2	(D)	...	...
1950	2	55,671	48	60,758	...	...	2	(D)	...	...
1940	3	323,086	20	84,183	2	...	1	...	...	...
1930	3	278,584	24	13,555	4	111	1	301	1	1
1920	NA	248,814	NA	8,733	NA	...	NA	200	NA	25
California:										
1959	13	26,255	7	3,354	...	...	15	50,000	...	...
1950	6	86,637	14	2,755	...	...	22	39,929	...	...
1940	8	46,290	51	4,106	11	4,729	24	46,419	5	1,090
1930	4	31,998	27	2,908	15	9,186	33	79,590	25	122,803
1920	NA	36,622	NA	697	NA	2,936	NA	6,213	NA	3,339
Colorado:										
1959	6	...	2	9,672	...	...	4	12,912	...	...
1950	4	...	1	8,193	1	...	5	8,992	...	...
1940	5	96,211	1	6,875	1	...	12	21,068	4	457
1930	2	81,883	1	4,813	...	...	3	26,700	3	3,360
1920	NA	71,145	NA	4,266	NA	80	NA	5,825	NA	2,725
Idaho:										
1959	4	76,767	3	(D)	...	...	2	(D)	...	...
1950	4	39,037	6	32,418	...	...	1	26	...	...
1940	13	1,187,353	6	34,965	1	600	1	1,000	...	...
1930	3	275,954	6	34,991	1	125	...	...	4	40,200
1920	NA	253,759	NA	36,775	NA	10	NA	160	NA	383,833
Kansas and Oklahoma:										
1959	4	6,470	...	...	...	...	...	...	...	...
1950	1	32,256	...	...	...	...	...	...	...	...
1940	...	...	18	334	4	538	1	(D)	2	1,869
1930	...	...	...	...	3	730	...	...	...	...
1920	...	...	...	...	NA	100	...	...	...	...
Louisiana:										
1959	...	...	...	...	...	...	...	...	...	...
1950	...	...	...	...	...	...	...	...	...	...
1940	...	...	...	...	1	27	...	...	...	...
1930	...	...	...	...	1	17	...	...	...	...
1920	...	...	...	...	...	...	...	...	...	...
Montana:										
1959	4	6,887	17	157,791	4	18,488	...	...	...	...
1950	3	38,568	7	158,106	29	51,752	1	(D)	...	...
1940	18	186,002	8	133,542	105	9,110	...	...	...	...
1930	4	98,327	5	75,844	1	360	...	...	1	10,000
1920	NA	88,291	NA	98,887	NA	20	NA	320	NA	55,071
Nebraska:										
1959	...	...	...	...	1	(D)	...	...	...	...
1950	2	13,231	...	...	...	...	...	...	...	...
1940	4	257,401	...	...	7	762	...	...	4	176
1930	1	147,026	...	...	3	134	...	...	1	10
1920	NA	87,558	...	...	...	...	...	...	NA	43
Nevada:										
1959	...	...	8	(D)	...	...	...	...	...	...
1950	...	...	14	17,580	...	...	...	...	...	...
1940	3	69,345	14	17,607	2	744	...	...	2	(D)
1930	1	54,040	6	6,148	3	220	...	...	2	71,200
1920	NA	44,324	NA	5,321	NA	12	NA	22	...	...
New Mexico:										
1959	3	132,325	12	6,712	...	...	...	...	...	...
1950	3	105,845	42	26,843	...	...	2	(D)	...	...
1940	2	98,064	25	27,111	...	...	1	...	...	...
1930	2	103,090	25	20,824	1	20	...	...	2	883
1920	NA	77,678	NA	9,072	NA	77	NA	600	NA	110
North Dakota:										
1959	3	1,319	...	...	...	...	...	...	...	...
1950	...	...	1	(D)	1	(D)	...	...	...	...
1940	1	14,131	7	147	...	...	...	...	...	...
1930	1	6,089	...	...	...	...	...	...	...	...
1920	NA	8,766	...	...	...	...	...	...	...	...
Oregon:										
1959	3	12,645	2	1,790	...	...	2	(D)	...	...
1950	5	147,715	3	2,163	...	...	3	489	...	...
1940	19	215,445	7	5,168	...	...	2	425	2	...
1930	6	61,829	4	4,135	3	325	...	...	3	23,050
1920	NA	54,981	NA	4,000	...	...	NA	330	NA	30,769

See footnotes at end of table.

Summary Table 7.–NUMBER OF IRRIGATION ORGANIZATIONS AND ACREAGE IRRIGATED BY TYPE OF ORGANIZATION: 1920 TO 1959–Continued

[Interstate organizations are counted in each State in which they had irrigation works, but only once in 18 States total. For interstate organizations data represent only that part within the State. See text]

State and year	Total irrigation by organizations		Mutual				Commercial		District	
			Unincorporated		Incorporated					
	Number	Acres irrigated	Number	Acres irrigated	Number	Acres irrigated	Number	Acres irrigated	Number	Acres irrigated
South Dakota:										
1959	25	83,984	9	3,915	11	13,037	...	...	1	(D)
1950	24	67,539	13	9,628	8	6,689	...	...	1	50,767
1940	41	49,592	8	2,204	13	12,329	...	...	...	...
1930	16	55,839	[1]15	[1]19,646	(1)	(1)	...	...	...	...
1920	NA	69,018	NA	10,080	NA	(1)	NA	2,280	...	...
Texas:										
1959	103	943,818	25	17,069	4	27,601	18	(D)	51	647,223
1950	122	1,042,714	34	15,072	11	38,013	27	329,072	45	590,529
1940	116	708,131	23	9,640	15	49,663	23	190,763	41	382,458
1930	80	666,626	[1]25	[1]58,691	(1)	(1)	20	89,996	32	452,461
1920	NA	475,440	NA	103,378	NA	(1)	NA	262,892	NA	88,571
Utah:										
1959	984	1,109,620	316	77,985	651	912,058	1	(D)	8	20,167
1950	1,058	1,083,250	406	100,181	634	874,588	2	...	5	11,079
1940	822	1,386,921	164	114,229	618	885,122	11	85,600	9	31,394
1930	684	1,151,885	[1]656	[1]934,680	(1)	(1)	10	99,834	4	8,125
1920	NA	1,204,764	NA	1,014,649	NA	(1)	NA	86,911	NA	21,143
Washington:										
1959	350	847,752	209	50,486	66	56,651	2	(D)	65	274,703
1950	441	513,583	273	39,697	82	57,793	3	1,780	74	260,243
1940	246	684,613	78	23,748	73	67,228	4	7,290	66	129,946
1930	200	411,268	[1]115	[1]92,743	(1)	(1)	10	9,474	62	97,772
1920	NA	387,684	NA	93,192	NA	(1)	NA	21,705	NA	79,918
Wyoming:										
1959	686	1,057,540	521	334,916	113	283,851	1	(D)	37	364,688
1950	693	839,939	538	275,597	120	241,211	2	...	27	232,058
1940	243	752,366	86	86,752	107	352,722	8	10,931	23	120,988
1930	200	570,311	[1]176	[1]303,086	(1)	(1)	3	51,460	13	86,174
1920	NA	483,362	NA	286,702	NA	(1)	NA	57,800	NA	22,935

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.
[1]Unincorporated and incorporated not reported separately for 1930 and 1920. Data for incorporated mutual organizations combined with unincorporated mutual organizations.
[2]Commercial totals includes acres irrigated for districts.
[3]Acres irrigated by unincorporated organizations in Oklahoma not included.

Summary Table 7.—NUMBER OF IRRIGATION ORGANIZATIONS AND ACREAGE IRRIGATED BY TYPE OF ORGANIZATION: 1920 TO 1959—Continued

[Interstate organizations are counted in each State in which they had irrigation works, but only once in 18 States total. For interstate organizations data represent only that part within the State. See text]

State and year	U.S. Bureau of Reclamation; projects and storage systems operated by bureau		U. S. Bureau of Indian Affairs		State		City		Other	
	Number	Acres irrigated	Number	Acres irrigated	Number	Acres irrigated	Number	Acres irrigated	Number	Acres irrigated
South Dakota:										
1959	2	11,382	2	(D)	...	...	...	...	...	...
1950	1	(D)	1	455	...	...	...	...	...	...
1940	1	34,222	18	815	1	22	...	...	...	...
1930	1	36,193	...	...	...	...	...	...	...	...
1920	NA	56,638	NA	20	...	...	...	...	...	...
Texas:										
1959	1	59,023	...	...	1	(D)	3	3,768	...	...
1950	2	67,079	...	...	...	...	3	2,949	...	...
1940	2	73,834	...	...	4	322	8	1,451	...	...
1930	1	65,442	...	...	2	36	...	...	...	...
1920	NA	20,284	...	...	NA	65	NA	250	...	...
Utah:										
1959	1	1,030	2	62,528	...	...	5	(D)	...	...
1950	1	...	3	54,452	...	...	7	2,179	...	...
1940	7	200,078	7	58,594	...	...	6	11,904	...	...
1930	2	40,000	5	54,619	...	...	7	14,627	...	...
1920	NA	29,285	NA	25,270	...	...	NA	24,206	NA	3,300
Washington:										
1959	3	333,179	5	130,553	...	...	...	...	...	...
1950	3	37,740	2	115,353	...	...	4	977	...	...
1940	12	328,961	4	118,637	4	159	5	8,644	...	...
1930	3	118,667	7	92,367	3	245	...	...	...	...
1920	NA	122,869	NA	69,510	NA	200	...	...	NA	290
Wyoming:										
1959	7	40,540	6	29,767	...	...	1	(D)	...	...
1950	5	58,634	1	27,000	...	...	...	...	...	...
1940	10	154,051	2	23,681	1	...	...	...	6	3,241
1930	4	85,886	1	21,636	...	...	...	...	3	22,069
1920	NA	53,555	NA	22,000	NA	2,120	NA	2,020	NA	36,230

Summary Table 8.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	18 States, total	North Pacific Coast (I)					
			Total	Excluding Columbia River (I-A)	Columbia River			
					Total	Below Snake River (I-B)	Above Snake River excluding Yakima River (I-C)	Yakima River (I-D)
1	Total acres irrigated in Census year.....1959...	31,222,967	4,861,000	174,000	4,687,000	533,000	788,000	441,000
2	1949...	25,451,176	3,974,363	119,319	3,855,044	398,005	469,856	422,622
3	Irrigation organizations.....organizations 1959...	8,749	2,056	121	1,935	244	460	121
4	1949...	10,491	2,495	147	2,348	311	577	157
	Service area, 1959:							
5	Farm area reported served by organizations.....acres 1959...	21,165,254	4,280,403	83,399	4,197,504	275,841	749,502	474,060
6	Farm area reported irrigated by organizations.....acres 1959...	17,700,841	3,921,995	75,204	3,846,791	265,851	628,854	447,079
7	Water users served, total.....water users 1959...	1,612,111	175,323	10,704	164,619	13,266	39,542	25,132
8	Farm irrigation water users.....water users 1959...	383,654	91,808	5,396	86,412	7,550	19,344	14,020
9	Residential water users.....water users 1959...	1,204,339	82,146	4,849	77,297	5,139	20,178	10,994
10	Other water users.....water users 1959...	24,118	1,369	459	910	577	20	118
	LAND IRRIGATED BY SOURCE OF WATER, 1959							
11	Ground water sources.....acres...	14,011,307	743,000	37,000	706,000	115,000	79,000	13,000
12	Surface water sources.....acres...	17,211,660	4,118,000	137,000	3,981,000	418,000	709,000	428,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
13	Total entering conveyance systems in basin.....organizations...	8,668	2,041	121	1,920	242	458	119
14	acre-feet...	72,997,259	22,859,439	394,093	22,465,346	1,428,904	3,175,584	2,595,138
15	From another drainage basin.....organizations...	...	3	2	1	...	1	...
16	acre-feet...	...	44,921	36,356	8,565	...	64,756	...
17	From drainage basin number.....D. B. No....	...	...	II-A	...	...	I-D	...
18	From natural sources within basin...organizations...	7,994	1,909	121	1,788	239	439	112
19	acre-feet...	72,997,259	22,814,518	357,737	22,456,781	1,428,904	3,110,828	2,595,138
20	Surface water.....organizations...	6,984	1,836	121	1,715	226	419	108
21	acre-feet...	68,685,789	21,902,234	350,537	21,551,697	1,421,503	2,983,138	2,587,493
22	Ground water.....organizations...	1,266	108	1	107	18	24	6
23	acre-feet...	4,311,470	912,284	7,200	905,084	7,401	127,690	7,645
24	*From other organizations in the basin.....organizations receiving...*	1,123	219	1	218	7	32	8
25	*acre-feet...*	18,644,449	2,667,243	9,987	2,657,256	21,072	61,064	22,958
26	Total leaving conveyance systems.....organizations...	8,668	2,041	121	1,920	242	458	119
27	acre-feet...	72,997,259	22,859,439	394,093	22,465,346	1,428,904	3,175,584	2,595,138
28	Conveyance loss in basin.....organizations...	7,238	1,706	88	1,618	151	368	111
29	acre-feet...	15,847,148	4,975,653	62,808	4,912,845	347,140	984,887	444,081
30	Conveyed to another drainage basin..organizations...	...	1	1	1	...	...	1
31	acre-feet...	...	25,855	22,055	3,800	...	...	64,756
32	To drainage basin number.....D. B. No....	...	...	II-A	...	...	...	I-C
33	Delivered for use in the basin.....organizations...	8,604	2,032	121	1,911	242	458	119
34	acre-feet...	57,150,111	17,857,931	309,230	17,548,701	1,081,764	2,190,697	2,086,301
35	To farm irrigation water users...organizations...	8,585	2,030	121	1,909	242	457	117
36	acre-feet...	54,471,479	17,508,723	298,901	17,209,822	1,061,547	2,161,754	2,050,194
37	To residential water users.....organizations...	998	196	15	181	21	32	15
38	acre-feet...	1,607,639	300,681	4,721	290,960	17,065	26,706	9,726
39	For other use.....organizations...	296	62	4	58	10	6	14
40	acre-feet...	1,070,993	48,527	608	47,919	3,152	2,237	26,381
41	*Delivered to other irrigation organizations..... organizations delivering...*	444	90	1	89	5	10	3
42	*acre-feet...*	18,644,449	2,667,243	9,987	2,657,256	21,072	61,064	22,958
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.1	4.5	4.0	4.5	4.0	3.4	4.6
	NEW CAPITAL INVESTMENT, 1950-1959							
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	4,177	874	56	818	63	197	48
45	dollars...	1,039,593,875	231,248,991	1,597,062	206,156,190	2,198,533	195,306,171	8,651,486

Summary Table 8.—NUMBER AND CHARACTERISTICS OF IRRIGATION

	Item (For definitions and explanations, see text)	North Pacific Coast (I)—Continued					South Pacific Coast (II)		
		Columbia River—Continued							
		Snake River							
		Total	Below Weiser, Idaho (I-E)	Weiser, Idaho to King Hill, Idaho (I-F)	King Hill, Idaho to American Falls, Idaho (I-G)	Above American Falls, Idaho (I-H)	Total	Klamath River (II-A)	Klamath River to Santa Maria River excluding Central Valley (II-B)
1	Total acres irrigated in Census year.....1959...	2,925,000	427,000	851,000	864,000	863,000	6,915,000	379,000	493,000
2	1949...	2,564,561	354,169	797,343	691,829	721,220	6,100,040	364,468	386,613
3	Irrigation organizations.....organizations 1959...	1,110	375	259	111	371	1,091	62	39
4	1949...	1,305	442	296	108	466	1,501	60	54
	Service area, 1959:								
5	Farm area reported served by organizations.....acres 1959...	2,697,601	262,228	772,180	829,064	834,129	4,817,092	303,074	34,349
6	Farm area reported irrigated by organizations.....acres 1959...	2,505,007	233,614	743,724	748,717	778,952	3,725,866	285,200	30,646
7	Water users served, total.....water users 1959...	86,679	10,737	32,798	27,633	15,511	1,141,401	8,105	110,163
8	Farm irrigation water users.....water users 1959...	45,498	3,819	19,389	10,429	11,861	110,134	2,993	1,332
9	Residential water users.....water users 1959...	40,986	6,808	13,347	17,196	3,635	1,012,719	5,105	97,373
10	Other water users.....water users 1959...	195	110	62	8	15	18,548	7	11,458
	LAND IRRIGATED BY SOURCE OF WATER, 1959								
11	Ground water sources.....acres...	499,000	13,000	84,000	213,000	189,000	3,902,000	55,000	415,000
12	Surface water sources.....acres...	2,426,000	334,000	767,000	651,000	674,000	3,013,000	324,000	78,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
13	Total entering conveyance systems in basin.....organizations...	1,101	373	254	110	370	1,084	61	39
14	acre-feet...	15,330,476	1,004,967	4,453,773	4,586,367	5,386,667	13,616,526	1,163,712	223,169
15	From another drainage basin.....organizations...	1	3	3	...	1	4	1	1
16	acre-feet...	8,565	27,539	73,759	...	8,565	609,514	22,055	68,669
17	From drainage basin number.....D. B. No....	...	I-F	I-G	...	III-E	...	I-A	II-C-D
18	From natural sources within basin...organizations...	998	369	229	103	298	986	61	36
19	acre-feet...	15,321,911	977,428	4,380,014	4,586,367	5,378,102	13,007,012	1,141,657	154,500
20	Surface water.....organizations...	962	369	227	90	277	385	61	16
21	acre-feet...	14,559,563	977,017	4,106,005	4,317,893	5,158,648	11,352,155	1,087,637	70,379
22	Ground water.....organizations...	59	3	7	19	30	676	4	24
23	acre-feet...	762,348	411	274,009	268,474	219,454	1,654,857	54,020	84,121
24	*From other organizations in the basin.....organizations receiving...*	171	6	57	10	98	222	7	7
25	*acre-feet...*	2,552,162	42,002	529,347	409,363	1,571,450	3,862,891	61,814	20,220
26	Total leaving conveyance systems.....organizations...	1,101	373	254	110	370	1,084	61	39
27	acre-feet...	15,330,476	1,004,967	4,453,773	4,586,367	5,386,667	13,616,526	1,163,712	223,169
28	Conveyance loss in basin.....organizations...	989	324	223	91	355	449	52	10
29	acre-feet...	3,136,737	144,900	825,534	1,260,595	905,708	2,632,615	319,404	11,971
30	Conveyed to another drainage basin..organizations...	1	...	3	3	1	2	2	...
31	acre-feet...	3,800	...	27,539	73,759	3,800	36,356	36,356	...
32	To drainage basin number.....D. B. No....	...	...	I-E	I-F	III-E	...	I-A	...
33	Delivered for use in the basin.....organizations...	1,094	371	252	109	366	1,068	62	35
34	acre-feet...	12,189,939	860,067	3,600,700	3,252,013	4,477,159	10,947,555	807,952	211,198
35	To farm irrigation water users...organizations...	1,093	371	251	109	366	1,056	60	34
36	acre-feet...	11,936,327	840,169	3,444,462	3,213,424	4,438,272	9,695,465	770,025	87,414
37	To residential water users.....organizations...	113	17	47	16	33	228	8	10
38	acre-feet...	237,463	19,468	148,128	36,529	33,338	794,837	7,877	46,074
39	For other use.....organizations...	28	2	14	3	9	84	2	6
40	acre-feet...	16,149	430	8,110	2,060	5,549	457,253	30,050	77,710
41	*Delivered to other irrigation organizations..... organizations delivering...*	71	4	22	7	39	96	2	6
42	*acre-feet...*	2,552,162	42,002	529,347	409,363	1,571,450	3,862,891	61,814	20,220
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	4.8	3.6	4.6	4.3	5.7	2.6	2.7	2.9
	NEW CAPITAL INVESTMENT, 1950-1959								
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	511	192	98	45	178	525	37	14
45	dollars...	23,495,739	917,166	9,416,913	11,345,616	1,816,044	476,112,643	55,774,975	11,593,453

[1] 8,000 acre-feet from D. B. No. III-C, 245,200 acre-feet from D. B. No. II-E. [2] 142,080 acre-feet from D. B. No. II-F, 1,336,181 acre-feet from D. B. No. II-C-D. [3] 276,708 acre-feet from D. B. No. IV-B, 302,751 acre-feet from D. B. No. III-C. [4] 8,000 acre-feet from D. B. No. III-C, 345,200 acre-feet from D. B. No. II-E. [5] 68,669 acre-feet to D. B. No. II-B, 1,336,181 acre-feet to D. B. No. II-E. [6] 345,200 acre-feet to D. B. No. II-C-D, 861,551 acre-feet to D. B. No. II-F. [7] 302,751 acre-feet to D. B. No. II-G, 8,000 acre-feet to D. B. No. II-C-D, 276,708 acre-feet to D. B. No. IV-B. [8] 6,290 acre-feet to D. B. No. III-D, 8,565 acre-feet to D. B. No. I-H.

ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

South Pacific Coast (II)—Continued					Great Basin (III)					Gulf of California (IV)		
Central Valley												
Total	Sacramento-San Joaquin Delta area and Sacramento River (II-C and II-D)	San Joaquin River (II-E)	San Joaquin Valley above San Joaquin River (II-F)	Santa Maria River and Basins south (II-G)	Total	Northwest and Humboldt River (III-A and III-B)	South Central (III-C)	Bonneville Basin excluding Bear River (III-D)	Bear River (III-E)	Total	Gila River excluding Colorado River (IV-A and IV-C)	
5,495,000	1,960,000	1,197,000	2,338,000	548,000	1,832,000	341,000	484,000	606,000	401,000	3,058,000	1,008,000	1
4,694,280	1,532,068	1,198,468	1,963,744	654,679	2,142,927	556,169	526,917	684,068	375,773	2,973,557	886,019	2
361	143	60	166	629	1,166	42	102	678	346	1,402	105	3
437	149	55	245	951	1,265	68	125	735	339	1,545	124	4
4,479,669	1,058,218	1,080,380	1,621,070	720,001	1,579,618	115,139	294,584	740,249	429,646	2,750,600	532,739	5
3,105,342	802,095	910,623	1,392,624	304,678	1,349,873	82,436	260,658	610,772	396,007	2,433,197	464,334	6
110,747	44,178	32,278	34,291	912,386	94,273	368	8,199	71,928	13,778	84,553	39,724	7
78,201	16,610	29,150	32,441	27,608	42,586	363	2,626	29,320	10,277	41,499	9,326	8
32,329	27,362	3,123	1,844	877,912	51,247	5	5,569	42,182	3,491	39,563	26,967	9
217	206	5	6	6,866	440	...	4	426	10	3,491	3,431	10
2,987,000	762,000	528,000	1,697,000	445,000	357,000	61,000	131,000	127,000	38,000	852,000	757,000	11
2,508,000	1,198,000	669,000	641,000	103,000	1,475,000	280,000	353,000	479,000	363,000	2,206,000	249,000	12
356	139	60	165	628	1,157	42	99	672	346	1,388	105	13
10,805,565	5,897,224	4,832,908	2,760,445	1,492,749	5,098,183	215,512	1,646,250	2,053,235	1,189,476	13,479,510	2,336,193	14
1	3	4	2	2	6	...	1	5	1	2	...	15
8,000	353,200	1,478,261	861,551	579,459	386,846	...	276,708	112,628	3,800	279,628	...	16
...	(1)	(2)	II-E	(3)	...	...	IV-B	(4)	I-H	...	...	17
311	133	36	145	578	1,004	42	72	610	283	1,347	102	18
10,797,565	5,544,024	3,354,647	1,898,894	913,290	4,711,337	215,512	1,369,542	1,940,607	1,185,676	13,199,882	2,336,193	19
240	125	25	96	68	884	42	66	529	247	1,299	79	20
9,970,465	5,463,647	2,847,151	1,659,667	223,674	4,535,318	215,512	1,358,746	1,814,695	1,146,365	11,878,924	1,096,093	21
95	14	22	60	553	165	...	10	112	43	97	54	22
827,100	80,377	507,496	239,227	689,616	176,019	...	10,796	125,912	39,311	1,320,958	1,240,100	23
90	23	30	37	118	222	...	27	126	69	95	8	24
3,199,016	830,987	1,353,857	1,014,172	581,841	817,190	...	193,055	364,126	260,009	9,065,544	302,182	25
356	139	60	165	628	1,157	42	99	672	346	1,388	105	26
10,805,565	5,897,224	4,832,908	2,760,445	1,492,749	5,098,183	215,517	1,646,250	2,053,235	1,189,476	13,479,510	2,336,193	27
239	103	35	106	157	994	39	90	549	317	1,297	103	28
2,209,748	971,856	745,739	492,153	91,492	709,584	38,548	207,573	280,421	183,042	2,620,961	669,894	29
1	4	4	1	...	4	...	2	1	2	7	...	30
68,669	1,404,850	1,206,751	142,080	...	598,944	...	587,459	2,920	14,855	992,463	...	31
...	(5)	(6)	II-E	...	...	...	(7)	IV-D	(8)	...	...	32
352	132	59	164	619	1,149	42	97	668	344	1,374	104	33
8,527,148	3,520,518	2,880,418	2,126,212	1,401,257	3,789,655	176,964	851,218	1,769,894	991,579	9,866,086	1,666,299	34
347	131	58	163	615	1,145	42	97	664	344	1,373	104	35
8,196,670	3,362,177	2,819,536	2,014,957	641,356	3,580,128	176,914	837,383	1,599,633	966,198	9,509,916	1,533,308	36
38	21	4	13	172	241	1	16	186	38	121	11	37
108,670	102,717	2,422	3,531	632,216	121,961	50	5,601	96,141	20,169	272,757	67,265	38
24	15	4	5	52	35	...	3	25	7	28	7	39
221,808	55,624	58,460	107,724	127,685	87,566	...	8,234	74,120	5,212	83,413	65,726	40
29	13	5	14	59	55	...	3	39	13	43	2	41
3,199,016	830,987	1,353,857	1,014,172	581,841	817,190	...	193,055	364,126	260,009	9,065,544	302,182	42
2.6	4.2	3.1	1.4	2.1	2.7	2.1	3.2	2.6	2.4	3.9	3.3	43
200	78	33	94	245	551	6	51	359	135	760	64	44
277,359,158	78,882,999	95,320,749	103,155,410	131,385,057	38,249,602	108,565	917,421	35,741,541	1,482,075	113,045,721	21,644,173	45

Summary Table 8.—NUMBER AND CHARACTERISTICS OF IRRIGATION

	Item (For definitions and explanations, see text)	Gulf of California (IV)—Continued						Gulf of Mexico excluding Mississippi River (V)	
		Colorado River							
				Colorado River above Lees Ferry					
		Total	Below Lees Ferry excluding Gila River (IV-B)	Total	Excluding Green and Gunnison Rivers (IV-D)	Green River (IV-E)	Gunnison River (IV-F)	Total	Excluding Rio Grande (V-A and V-D)
1	Total acres irrigated in Census year.....1959...	2,050,000	766,000	1,284,000	463,000	573,000	248,000	5,578,000	3,914,000
2	1949...	2,087,538	692,085	1,395,453	539,174	586,882	269,397	4,448,131	2,516,956
3	Irrigation organizations.....organizations 1959...	1,297	110	1,187	561	268	359	826	254
4	1949...	1,425	134	1,291	597	249	445	1,195	388
	Service area, 1959:								
5	Farm area reported served by organizations.....acres 1959...	2,217,861	866,843	1,351,018	553,202	523,547	274,269	2,579,772	856,822
6	Farm area reported irrigated by organizations.....acres 1959...	1,968,863	793,631	1,175,232	461,911	476,420	236,901	1,791,975	464,479
7	Water users served, total.....water users 1959...	44,829	17,086	27,743	15,404	7,292	5,047	59,789	6,746
8	Farm irrigation water users.....water users 1959...	32,173	10,687	21,486	10,869	6,004	4,613	48,238	5,395
9	Residential water users.....water users 1959...	12,596	6,381	6,215	4,503	1,288	424	11,431	1,282
10	Other water users.....water users 1959...	60	18	42	32	...	10	120	69
	LAND IRRIGATED BY SOURCE OF WATER, 1959								
11	Ground water sources.....acres...	93,000	75,000	18,000	8,000	8,000	2,000	3,935,000	3,347,000
12	Surface water sources.....acres...	1,957,000	691,000	1,266,000	455,000	565,000	246,000	1,643,000	567,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
13	Total entering conveyance systems in basin.....organizations...	1,283	110	1,173	556	266	352	822	254
14	acre-feet...	11,143,317	5,854,472	5,288,845	2,406,944	1,735,891	1,147,302	4,959,058	1,861,875
15	From another drainage basin.....organizations...	2	1	1	1	...	1	...	1
16	acre-feet...	279,628	276,708	2,920	2,920	...	1,292	...	1,045
17	From drainage basin number.....D. B. No....	...	III-C	...	III-D	...	IV-D	...	V-B
18	From natural sources within basin...organizations...	1,245	100	1,145	541	261	343	793	252
19	acre-feet...	10,863,689	5,577,764	5,285,925	2,404,024	1,735,891	1,146,010	4,959,058	1,860,830
20	Surface water.....organizations...	1.220	83	1,137	536	260	341	605	107
21	acre-feet...	10,782,831	5,529,285	5,253,546	2,373,694	1,734,006	1,145,846	4,765,425	1,749,546
22	Ground water.....organizations...	43	26	17	14	1	2	185	159
23	acre-feet...	80,858	48,479	32,379	30,330	1,885	164	193,633	111,284
24	*From other organizations in the basin.....organizations receiving...*	87	14	73	43	10	20	49	1
25	*acre-feet...*	8,763,362	8,453,034	310,328	178,057	91,879	40,392	191,952	12,000
26	Total leaving conveyance systems.....organizations...	1,283	110	1,173	556	266	352	822	254
27	acre-feet...	11,143,317	5,854,472	5,288,845	2,409,644	1,735,891	1,147,302	4,959,058	1,861,875
28	Conveyance loss in basin.....organizations...	1,194	87	1,107	523	251	334	731	207
29	acre-feet...	1,951,067	1,147,988	803,079	416,118	192,425	194,536	1,023,643	166,342
30	Conveyed to another drainage basin..organizations...	7	1	6	5	3	...	1	...
31	acre-feet...	992,463	553,416	439,047	334,001	106,338	...	480	...
32	To drainage basin number.....D. B. No....	...	(3)	...	(4)	(5)	...	...	...
33	Delivered for use in the basin.....organizations...	1,270	108	1,162	548	264	351	819	254
34	acre-feet...	8,199,787	4,153,068	4,046,719	1,656,825	1,437,128	952,766	3,934,935	1,695,533
35	To farm irrigation water users...organizations...	1,269	108	1,161	548	263	351	818	254
36	acre-feet...	7,976,608	4,106,568	3,870,040	1,497,310	1,427,684	945,046	3,658,590	1,508,886
37	To residential water users.....organizations...	110	31	79	52	17	10	70	4
38	acre-feet...	205,492	43,521	161,971	148,909	9,444	3,618	48,739	26,618
39	For other use.....organizations...	21	4	17	12	...	5	29	10
40	acre-feet...	17,687	2,979	14,708	10,606	...	4,102	227,606	160,029
41	*Delivered to other irrigation organizations..... organizations delivering...*	41	7	34	13	11	10	28	1
42	*acre-feet...*	8,763,362	8,453,034	310,328	178,057	91,879	40,392	191,952	12,000
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	4.1	5.2	3.3	3.2	3.0	4.0	2.0	3.2
	NEW CAPITAL INVESTMENT, 1950-1959								
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	726	58	668	298	175	195	419	130
45	dollars...	91,401,548	66,506,361	24,895,187	22,369,150	1,808,219	717,818	34,546,306	6,383,213

D Data not shown to avoid disclosure of information for individual organizations. [1]480 acre-feet from D. B. No. V-C, 45,528 acre-feet from D. B. No. IV-D. [2]287,181 acre-feet from D. B. No. IV-D, 21,964 acre-feet from D. B. No. VI-D. [3]276,708 acre-feet to D. B. No. II-G, 276,708 acre-feet to D. B. No. III-C. [4]287,181 acre-feet to D. B. No. VI-E, 1,292 acre-feet to D. B. No. IV-F, 45,528 acre-feet to D. B. No. VI-B. [5]101,973 acre-feet to D. B. No. III-D. [6]21,964 acre-feet to D. B. No. VI-E.

ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

Gulf of Mexico excluding Mississippi River (V)—Continued			Mississippi River (VI)											
					Missouri River									
Rio Grande River							Platte River			Yellowstone River				
Total	Below Fort Quitman (V-B)	Above Fort Quitman (V-C)	Total	Red River direct below Lake Texhoma and Arkansas River (VI-A and VI-B)	Total	Below Three Forks, Montana (VI-C)	Total	Excluding South Platte River (VI-D)	South Platte River above Gaging Station near Paxton (VI-E)	Total	Excluding Big Horn River (VI-F)	Big Horn River (VI-G)	Headwaters above Three Forks, Montana (VI-H)	Hudson Bay (Red River of the North) (VII)	
1,664,000	955,000	709,000	8,971,000	2,884,000	6,087,000	1,711,000	2,851,000	1,867,000	984,000	1,050,000	570,000	480,000	475,000	8,000	1
1,931,175	984,366	946,809	5,804,222	1,163,644	4,640,578	755,130	2,401,591	1,417,707	983,884	1,011,822	552,550	459,272	472,035	7,936	2
573	108	465	2,227	398	1,829	205	673	263	413	646	422	224	305	2	3
807	123	684	2,505	524	1,981	211	750	294	456	676	446	230	350	2	4
1,722,950	798,062	924,888	5,149,369	682,022	4,467,347	767,732	2,269,285	1,110,755	1,158,530	1,117,353	572,742	544,611	312,977	(D)	5
1,327,496	637,629	689,867	4,470,560	591,323	3,879,237	577,776	2,036,069	958,737	1,077,332	1,000,259	511,054	489,205	265,133	(D)	6
53,043	24,773	28,270	56,742	10,596	46,146	5,490	26,760	10,420	16,340	12,038	5,989	6,049	1,858	(D)	7
42,843	21,756	21,087	49,360	9,198	40,162	5,403	22,705	10,020	12,685	10,214	5,067	5,147	1,840	(D)	8
10,149	2,968	7,181	7,233	1,325	5,908	80	4,000	398	3,602	1,810	917	893	18	...	9
51	49	2	149	73	76	7	55	2	53	14	5	9	...	...	10
588,000	320,000	268,000	4,224,000	2,318,000	1,906,000	865,000	1,023,000	758,000	265,000	8,000	4,000	4,000	10,000	...	11
1,076,000	635,000	441,000	4,747,000	566,000	4,181,000	846,000	1,828,000	1,109,000	719,000	1,042,000	566,000	476,000	465,000	8,000	12
569	107	462	2,194	396	1,798	196	662	258	405	637	414	223	303	2	13
3,098,228	1,261,050	1,837,178	14,632,487	1,664,774	12,967,713	1,554,252	4,953,793	2,782,967	2,192,790	4,892,841	2,305,369	2,587,472	1,566,827	(D)	14
...	...	...	5	3	2	...	2	...	5	...	...	...	...	...	15
...	...	...	333,189	46,008	287,181	...	287,181	...	309,145	...	...	...	...	...	16
...	...	...	...	(1)	...	...	...	...	(2)	...	...	...	...	...	17
541	96	445	1,968	352	1,616	194	510	231	279	621	404	217	291	2	18
3,098,228	1,261,050	1,837,178	14,299,298	1,618,766	12,680,532	1,554,252	4,666,612	2,782,967	1,883,645	4,892,841	2,305,369	2,587,472	1,566,827	(D)	19
528	92	436	1,958	350	1,608	192	508	230	278	620	403	217	288	2	20
3,015,879	1,229,964	1,785,915	14,245,579	1,615,771	12,629,808	1,540,454	4,648,185	2,777,030	1,871,155	4,891,429	2,303,957	2,587,472	1,549,740	(D)	21
36	10	26	25	5	20	3	8	2	6	4	4	...	5	...	22
82,349	31,086	51,263	53,719	2,995	50,724	13,798	18,427	5,937	12,490	1,412	1,412	...	17,087	...	23
48	20	28	316	51	265	8	203	32	171	38	19	19	16	...	24
179,952	89,564	90,388	2,039,629	262,204	1,777,425	93,615	1,229,393	273,234	956,159	364,714	117,380	247,334	89,703	...	25
569	107	462	2,194	396	1,798	196	662	258	405	637	414	223	303	2	26
3,098,228	1,261,050	1,837,178	14,632,487	1,664,774	12,967,713	1,554,252	4,953,793	2,782,967	2,192,790	4,892,841	2,305,369	2,587,472	1,566,827	(D)	27
525	96	429	2,065	368	1,697	185	598	248	350	621	403	218	293	...	28
857,301	295,513	561,788	3,884,692	311,574	3,573,118	445,363	1,504,508	1,035,312	469,196	1,214,613	548,461	666,152	408,634	...	29
2	1	1	...	...	...	...	...	3	...	...	...	...	...	...	30
1,525	1,045	480	...	...	...	...	...	21,964	...	...	...	...	...	...	31
...	V-A-D	VI-B	...	...	...	...	...	(3)	...	...	...	...	...	...	32
566	106	460	2,174	395	1,779	195	654	256	398	629	408	221	301	2	33
2,239,402	964,492	1,274,910	10,747,795	1,353,200	9,394,595	1,108,889	3,449,285	1,725,691	1,723,594	3,678,228	1,756,908	1,921,320	1,158,193	(D)	34
565	106	459	2,169	395	1,774	195	649	256	393	629	408	221	301	2	35
2,149,704	896,818	1,252,886	10,512,503	1,265,540	9,246,963	1,089,543	3,356,087	1,717,134	1,638,953	3,648,780	1,735,951	1,912,829	1,152,553	(D)	36
67	20	47	147	27	120	8	79	4	75	30	15	15	3	...	37
22,121	7,205	14,916	68,664	4,873	63,791	7,244	25,071	1,616	23,455	25,836	19,945	5,891	5,640	...	38
19	17	2	59	11	48	6	33	2	31	9	3	6	...	...	39
67,577	60,469	7,108	166,628	82,787	83,841	12,102	68,127	6,941	61,186	3,612	1,012	2,600	...	...	40
27	10	17	139	19	120	6	78	6	72	27	15	12	9	...	41
179,952	89,564	90,388	2,039,629	262,204	1,777,425	93,615	1,229,393	273,234	956,159	364,714	117,380	247,334	89,703	...	42
1.6	1.4	1.8	2.4	2.1	2.4	1.9	1.6	1.8	1.5	3.6	3.4	3.9	4.3	(D)	43
290	63	227	1,024	157	867	113	222	118	104	408	279	129	124	1	44
28,163,093	13,759,195	14,403,898	146,357,412	3,445,745	142,911,667	73,801,983	49,786,340	17,739,369	32,046,971	18,883,064	2,425,948	16,457,116	440,280	(D)	45

Summary Table 9.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	18 States, total	North Pacific Coast (I)					
			Total	Excluding Columbia River (I-A)	Columbia River			
					Total	Below Snake River (Oregon, Washington) (I-B)	Above Snake River excluding Yakima River (I-C)	Yakima River (I-D)
1	Total acres irrigated.....farms reporting...	267,431	63,220	6,549	56,671	11,065	10,786	7,326
2	acres...	31,222,967	4,860,640	174,053	4,686,587	533,052	787,799	441,139
3	Acres irrigated by sprinklers....farms reporting...	54,957	21,993	4,419	17,574	7,880	5,545	1,879
4	acres...	2,817,283	843,188	106,085	737,103	257,232	215,928	48,849
5	Sprinklers only.....farms reporting...	41,103	17,246	4,070	13,176	7,144	3,943	869
6	acres...	1,959,259	617,887	98,201	519,686	226,900	148,538	19,739
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959							
7	Ground water sources on farm.....farms reporting...	107,021	10,473	1,782	8,691	3,918	1,605	441
8	acres...	13,243,912	614,080	36,260	577,820	114,817	60,887	13,344
9	Ground water sources on farm only.farms reporting...	79,869	7,495	1,549	5,946	3,227	1,181	163
10	acres...	10,549,815	401,177	32,078	369,099	80,809	40,845	4,401
11	Surface sources on farm.....farms reporting...	38,797	14,185	3,012	11,173	4,165	2,848	480
12	acres...	5,081,250	1,045,384	84,188	961,196	205,806	235,828	30,799
13	Surface sources on farm only.....farms reporting...	29,356	11,558	2,728	8,830	3,577	2,369	245
14	acres...	4,050,182	841,022	76,662	764,360	166,977	197,243	16,540
15	Irrigation organization sources.....farms reporting...	153,704	43,154	2,108	41,046	3,850	7,084	6,890
16	acres...	12,897,805	3,201,176	53,605	3,147,571	212,429	491,084	396,996
17	Irrigation organization sources only.....farms reporting...	126,650	39,701	1,925	37,776	3,420	6,491	6,464
18	acres...	10,285,737	2,868,102	47,401	2,820,701	184,555	448,139	360,388
19	Both farm ground water sources and surface sources.....farms reporting...	4,454	1,000	164	836	410	150	28
20	acres...	999,317	126,947	7,421	119,526	44,911	17,520	1,511
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	27,102	3,466	183	3,283	431	595	426
22	acres...	5,337,916	623,392	10,491	612,901	55,800	84,052	58,299

Summary Table 9.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	North Pacific Coast (I)—Continued					South Pacific Coast (II)		
		Columbia River—Continued							
		Snake River							
		Total	Below Weiser, Idaho (I-E)	Weiser, Idaho to King Hill, Idaho (I-F)	King Hill, Idaho to American Falls, Idaho (I-G)	Above American Falls, Idaho (I-H)	Total	Klamath River (II-A)	Klamath River to Santa Maria River excluding Central Valley (II-B)
1	Total acres irrigated.....farms reporting...	27,494	2,736	10,472	7,076	7,210	71,819	1,830	7,929
2	acres...	2,924,597	346,355	851,755	864,111	862,376	6,915,356	379,672	492,663
3	Acres irrigated by sprinklers.....farms reporting...	2,270	860	427	176	807	18,194	401	4,441
4	acres...	215,094	29,215	21,402	34,269	130,208	826,189	24,504	184,512
5	Sprinklers only.....farms reporting...	1,220	703	128	50	339	13,920	137	3,731
6	acres...	124,509	21,115	7,587	16,811	78,996	463,437	8,238	140,888
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959								
7	Ground water sources on farm.....farms reporting...	2,727	316	648	894	869	39,238	285	6,367
8	acres...	388,772	12,368	38,570	175,063	162,771	3,551,783	46,725	402,560
9	Ground water sources on farm only.farms reporting...	1,375	203	252	484	436	25,141	154	5,902
10	acres...	243,044	6,282	17,388	116,745	102,629	2,170,362	25,157	357,845
11	Surface sources on farm.....farms reporting...	3,680	1,326	1,205	385	764	5,435	494	1,204
12	acres...	488,763	178,465	162,342	50,164	97,792	850,641	120,326	49,379
13	Surface sources on farm only.....farms reporting...	2,639	1,127	735	221	556	3,442	372	883
14	acres...	383,600	149,357	122,699	35,007	76,537	589,248	85,985	33,627
15	Irrigation organization sources.....farms reporting...	23,222	1,331	9,428	6,300	6,163	42,008	1,253	864
16	acres...	2,047,062	155,522	650,843	638,884	601,813	2,512,932	212,621	40,724
17	Irrigation organization sources only.....farms reporting...	21,401	1,171	8,721	5,869	5,640	28,550	1,109	645
18	acres...	1,827,619	125,073	584,089	583,664	534,793	1,466,836	179,603	14,852
19	Both farm ground water sources and surface sources.....farms reporting...	248	74	61	64	49	1,218	48	279
20	acres...	55,584	12,973	12,646	16,257	13,708	290,609	19,120	32,527
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	1,831	161	703	438	529	13,468	147	220
22	acres...	414,750	52,670	114,933	112,438	134,709	2,398,301	69,807	53,812

Summary Table 9.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	South Pacific Coast (II)—Continued					Great Basin (III)				
		Central Valley									
		Total	Sacramento-San Joaquin Delta area and Sacramento River (II-C and II-D)	San Joaquin River (II-E)	San Joaquin Valley above San Joaquin River (II-F)	Santa Maria River and Basins South (II-G)	Total	Northwest Great Basin and Humboldt River (III-A and III-B)	South Central Great Basin (III-C)	Bonneville Basin excluding Bear River (III-D)	Bear River (III-E)
1	Total acres irrigated.....farms reporting...	45,945	18,514	11,831	15,600	16,115	17,545	818	2,401	9,977	4,349
2	acres...	5,494,649	1,959,690	1,197,326	2,337,633	548,372	1,832,405	341,199	484,474	605,766	400,966
3	Acres irrigated by sprinklers....farms reporting...	6,235	4,252	681	1,302	7,117	1,096	69	333	196	498
4	acres...	464,504	182,926	53,451	228,127	152,669	71,572	6,324	24,590	8,155	32,503
5	Sprinklers only.....farms reporting...	3,979	3,026	371	582	6,073	452	38	220	77	117
6	acres...	206,958	107,197	24,290	75,471	107,353	34,644	3,493	16,355	3,863	10,933
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959										
7	Ground water sources on farm.....farms reporting...	27,464	9,749	3,667	14,048	5,122	2,943	265	937	1,383	358
8	acres...	2,772,288	747,154	395,688	1,629,446	330,210	315,159	60,918	130,729	96,337	27,175
9	Ground water sources on farm only.farms reporting...	15,186	8,160	1,478	5,548	3,899	1,681	178	768	609	126
10	acres...	1,531,331	522,888	190,346	818,097	256,029	209,941	32,417	108,852	56,391	12,281
11	Surface sources on farm.....farms reporting...	3,400	2,724	315	361	337	2,066	523	368	635	540
12	acres...	660,719	558,179	39,853	62,687	20,217	478,971	223,980	129,412	51,606	73,973
13	Surface sources on farm only.....farms reporting...	2,009	1,702	165	142	178	1,236	434	253	272	277
14	acres...	459,815	401,185	20,725	37,905	9,821	346,621	179,899	87,548	31,349	47,825
15	Irrigation organization sources.....farms reporting...	27,949	8,068	10,138	9,743	11,942	14,405	123	1,308	2,782	10,192
16	acres...	2,061,642	654,357	761,785	645,500	197,945	1,038,275	56,301	224,333	457,823	299,818
17	Irrigation organization sources only.....farms reporting...	16,021	6,716	7,928	1,377	10,775	12,833	107	1,170	8,070	3,486
18	acres...	1,131,474	460,329	508,708	162,437	140,907	882,073	39,105	190,900	397,539	254,529
19	Both farm ground water sources and surface sources.....farms reporting...	795	581	51	163	96	218	82	68	43	25
20	acres...	227,508	166,915	16,853	43,740	11,454	95,448	55,905	29,393	5,715	4,435
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	11,934	1,355	2,209	8,370	1,167	1,577	17	142	983	435
22	acres...	2,144,521	408,373	460,694	1,275,454	130,161	298,322	33,873	67,781	114,772	81,896

Summary Table 9.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	Gulf of California (IV)							
		Total	Gila River excluding Colorado River (IV-A and IV-C)	Colorado River					
				Total	Below Lees Ferry excluding Gila River (IV-B)	Colorado River above Lees Ferry			
						Total	Excluding Green and Gunnison Rivers[1] (IV-D)	Green River (IV-E)	Gunnison River (IV-F)
1	Total acres irrigated.....farms reporting...	19,554	4,689	14,865	4,016	10,849	4,999	3,411	2,439
2	acres...	3,057,707	1,007,757	2,049,950	766,164	1,283,786	462,882	573,349	247,555
3	Acres irrigated by sprinklers.....farms reporting...	466	102	364	130	234	131	66	37
4	acres...	20,167	4,431	15,736	5,006	10,730	7,057	2,878	795
5	Sprinklers only.....farms reporting...	196	69	127	76	51	28	19	4
6	acres...	7,977	3,100	4,877	2,395	2,482	1,689	678	115
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959								
7	Ground water sources on farm.....farms reporting...	3,249	2,120	1,129	856	273	141	90	42
8	acres...	655,869	570,208	85,661	70,386	15,275	6,230	6,662	2,383
9	Ground water sources on farm only.farms reporting...	2,055	1,478	577	479	98	51	40	7
10	acres...	453,698	407,838	45,860	40,493	5,367	2,532	2,623	212
11	Surface sources on farm.....farms reporting...	2,638	279	2,359	209	2,150	1,006	790	354
12	acres...	578,056	84,043	494,013	24,659	469,354	165,789	235,606	67,959
13	Surface sources on farm only.....farms reporting...	2,024	201	1,823	153	1,670	827	629	214
14	acres...	506,771	77,800	428,971	18,866	410,105	145,517	209,679	54,909
15	Irrigation organization sources.....farms reporting...	15,331	2,943	12,388	3,356	9,032	4,093	2,733	2,206
16	acres...	1,823,782	353,506	1,470,276	671,119	799,157	290,863	331,081	177,213
17	Irrigation organization sources only.....farms reporting...	13,811	2,357	11,454	2,982	8,472	3,879	2,534	2,059
18	acres...	1,586,692	222,157	1,364,535	629,117	735,418	270,455	300,055	164,908
19	Both farm ground water sources and surface sources.....farms reporting...	146	65	81	28	53	27	14	12
20	acres...	47,347	25,374	21,973	7,421	14,552	6,897	3,466	4,189
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	1,518	588	930	374	556	215	194	147
22	acres...	463,199	274,588	188,611	70,267	118,344	37,481	57,526	23,337

Summary Table 9.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	Gulf of Mexico excluding Mississippi River (V)					Mississippi River (VI)	
				Rio Grande River				
		Total	Excluding Rio Grande River (V-A and V-D)	Total	Below Fort Quitman (V-B)	Above Fort Quitman (V-C)	Total	Excluding Missouri River
1	Total acres irrigated.....farms reporting...	36,593	22,273	14,320	7,503	6,817	58,607	14,810
2	acres...	5,578,145	3,913,604	1,664,541	955,403	709,138	8,970,630	2,884,497
3	Acres irrigated by sprinklers....farms reporting...	4,168	3,946	222	149	73	8,997	2,784
4	acres...	524,563	494,948	29,615	23,685	5,930	530,141	171,801
5	Sprinklers only.....farms reporting...	3,506	3,403	103	74	29	5,747	2,450
6	acres...	448,883	435,257	13,626	11,154	2,472	385,155	150,101
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959							
7	Ground water sources on farm.....farms reporting...	22,042	18,297	3,745	1,685	2,060	29,066	10,046
8	acres...	3,884,872	3,318,188	566,684	309,245	257,439	4,221,698	2,317,737
9	Ground water sources on farm only.farms reporting...	19,290	17,450	1,840	1,178	662	24,198	9,087
10	acres...	3,494,256	3,171,894	322,362	240,753	81,609	3,819,960	2,207,730
11	Surface sources on farm.....farms reporting...	4,045	2,374	1,671	594	1,077	10,364	1,905
12	acres...	402,440	246,046	156,394	79,868	76,526	1,722,066	142,554
13	Surface sources on farm only.....farms reporting...	2,967	1,702	1,265	399	866	8,066	1,517
14	acres...	283,039	188,498	94,541	50,738	43,803	1,479,804	113,176
15	Irrigation organization sources.....farms reporting...	13,582	2,583	10,999	5,817	5,182	25,204	3,925
16	acres...	1,290,833	349,370	941,463	566,290	375,173	3,026,866	424,206
17	Irrigation organization sources only.....farms reporting...	11,315	2,147	9,168	5,352	3,816	20,420	3,147
18	acres...	990,286	301,951	688,335	485,066	203,269	2,487,807	336,877
19	Both farm ground water sources and surface sources.....farms reporting...	746	538	208	106	102	1,125	278
20	acres...	219,938	156,400	63,538	32,708	30,830	218,983	76,637
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	2,275	436	1,839	468	1,371	4,798	781
22	acres...	590,626	94,861	495,765	146,138	349,627	964,076	150,079

Summary Table 9.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	Mississippi River (VI)—Continued									Hudson Bay (Red River of the North)
		Missouri River									
		Total	Below Three Forks, Montana excluding Platte and Yellowstone Rivers (VI-C)	Platte River			Yellowstone River			Headwaters above Three Forks, Montana (VI-H)	
				Total	Excluding South Platte River (VI-D)	South Platte River above gaging Station near Paxton, Nebraska (VI-E)	Total	Excluding Big Horn River (VI-F)	Big Horn River (VI-G)		(VII)
1	Total acres irrigated.....farms reporting...	43,797	14,321	20,886	12,946	7,940	7,134	4,296	2,838	1,456	93
2	acres...	6,086,133	1,711,335	2,850,480	1,866,721	983,759	1,049,346	569,023	480,323	474,972	8,084
3	Acres irrigated by sprinklers.....farms reporting...	6,213	3,158	2,711	1,949	762	179	149	30	165	43
4	acres...	358,340	182,407	157,407	121,451	35,956	6,395	5,286	1,109	12,131	1,463
5	Sprinklers only.....farms reporting...	3,297	1,762	1,441	1,139	302	62	57	5	32	36
6	acres...	235,054	126,126	104,246	87,205	17,041	1,925	1,729	196	2,757	1,276
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959										
7	Ground water sources on farm.....farms reporting...	19,020	7,945	10,878	7,709	3,169	128	94	34	69	10
8	acres...	1,903,961	864,933	1,022,214	757,315	264,899	7,929	4,306	3,623	8,885	451
9	Ground water sources on farm only.farms reporting...	15,111	7,283	7,736	6,548	1,188	61	54	7	31	9
10	acres...	1,612,230	811,354	795,493	663,877	131,616	3,230	3,038	192	2,153	421
11	Surface sources on farm.....farms reporting...	8,459	3,400	2,469	1,481	988	1,718	1,214	504	872	64
12	acres...	1,579,512	361,914	589,130	465,607	123,523	271,411	174,215	97,196	357,057	3,692
13	Surface sources on farm only.....farms reporting...	6,549	2,735	1,649	1,156	493	1,432	1,011	421	733	63
14	acres...	1,366,628	311,394	513,776	422,330	91,446	223,639	149,979	73,660	317,819	3,677
15	Irrigation organization sources.....,farms reporting...	21,279	3,866	11,142	5,021	6,121	5,601	3,206	2,395	670	20
16	acres...	2,602,660	484,488	1,239,136	643,799	595,337	770,006	390,502	379,504	109,030	3,941
17	Irrigation organization sources only.....farms reporting...	17,273	3,411	7,998	3,981	4,017	5,326	3,010	2,316	538	20
18	acres...	2,150,930	423,789	915,037	500,169	414,868	723,062	364,725	358,337	89,042	3,941
19	Both farm ground water sources and surface sources.....farms reporting...	847	436	352	215	137	37	19	18	22	1
20	acres...	142,348	56,448	56,760	33,715	23,045	7,389	2,109	5,280	21,751	45
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	4,017	456	3,151	1,046	2,105	278	197	81	132	...
22	acres...	813,997	108,350	569,414	246,630	322,784	92,026	49,172	42,854	44,207	...

Summary Table 10 (Part 1 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)		18 States, total	North Pacific Coast (I)					
				Total	Excluding Columbia River (I-A)	Columbia River			
						Total	Below Snake River, (Oregon, Washington) (I-B)	Above Snake River excluding Yakima River (I-C)	Yakima River (I-D)
1	Irrigation organizations, total								
	number.....organizations	1959...	8,749	2,056	121	1,935	244	460	121
2		1949...	10,491	2,495	147	2,348	311	577	157
3	Area irrigated as reported by organizations.....acres	1959...	17,700,841	3,921,995	75,204	3,846,791	265,851	628,854	447,079
4		1949...	14,974,785	3,116,889	60,686	3,056,203	215,166	306,319	408,586
5	Farm water users served directly....water users	1959...	383,654	91,808	5,396	86,412	7,550	19,344	14,020
6	Total water conveyed.....acre-feet	1959...	91,641,708	25,526,682	404,080	25,122,602	1,449,976	3,236,648	2,618,096
	TYPE OF ORGANIZATION								
	Mutual:								
7	Unincorporated.....organizations	1959...	4,989	1,355	87	1,268	165	336	75
8		1949...	6,464	1,770	109	1,661	225	443	97
9	Farm area irrigated directly.....acres	1959...	2,067,317	477,688	15,412	462,276	27,334	87,450	30,833
10	Farm water users served directly.....water users	1959...	32,360	7,524	425	7,099	977	1,649	671
11	Total water conveyed.....acre-feet	1959...	8,395,862	2,397,993	67,873	2,330,120	132,129	396,645	187,725
12	Incorporated.....organizations	1959...	2,737	507	22	485	45	57	28
13		1949...	2,884	499	22	477	52	52	37
14	Farm area irrigated directly.....acres	1959...	6,732,753	1,397,988	13,947	1,384,041	50,137	52,132	27,243
15	Farm water users served directly.....water users	1959...	129,375	25,277	484	24,793	1,663	1,877	1,838
16	Total water conveyed.....acre-feet	1959...	29,975,566	10,704,862	80,508	10,624,354	238,410	295,659	153,688
17	District.....organizations	1959...	558	164	11	153	30	56	13
18		1949...	483	182	12	170	30	65	19
19	Farm area irrigated directly.....acres	1959...	6,920,527	1,342,298	(D)	(D)	(D)	105,945	193,280
20	Farm water users served directly.....water users	1959...	178,619	48,018	(D)	(D)	(D)	11,179	7,738
21	Total water conveyed.....acre-feet	1959...	32,949,641	8,588,305	(D)	(D)	(D)	550,668	991,122
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau...organizations	1959...	54	9	...	9	2	1	2
23		1949...	37	11	...	11	2	2	2
24	Farm area irrigated directly.....acres	1959...	710,904	409,946	...	409,946	...	267,085	66,094
25	Farm water users served directly.....water users	1959...	14,748	4,250	...	4,250	...	2,491	1,045
26	Total water conveyed.....acre-feet	1959...	13,144,829	2,186,727	...	2,186,727	...	1,601,900	331,808
27	*U. S. Bureau of Reclamation; operated by water users*.....*organizations*	*1959*...	147	45	4	41	11	11	4
28		*1949*...	NA	NA	NA	NA	NA	NA	NA
29	Farm area irrigated directly.....acres	1959...	3,301,541	814,566	29,104	785,462	146,171	40,522	156,162
30	Farm water users served directly.....water users	1959...	62,998	23,730	3,437	20,293	2,761	1,797	5,833
31	Total water conveyed.....acre-feet	1959...	19,335,011	5,630,506	158,508	541,998	913,568	205,727	841,568
32	U. S. Bureau of Indian Affairs....organizations	1959...	123	13	...	13	1	6	3
33		1949...	141	10	...	10	1	2	1
34	Farm area irrigated directly.....acres	1959...	578,635	277,266	...	277,266	(D)	(D)	129,629
35	Farm water users served directly.....water users	1959...	12,988	5,655	...	5,655	(D)	(D)	2,728
36	Total water conveyed.....acre-feet	1959...	3,279,132	1,559,544	...	1,559,544	(D)	(D)	953,753
37	Commercial.....organizations	1959...	246	3	...	3	...	2	...
38		1949...	401	7	...	7	...	4	...
39	Farm area irrigated directly.....acres	1959...	572,912	2,319	...	2,319	...	(D)	...
40	Farm water users served directly.....water users	1959...	11,270	668	...	668	...	(D)	...
41	Total water conveyed.....acre-feet	1959...	2,743,325	20,136	...	20,136	...	(D)	...
42	State.....organizations	1959...	7	1	...	1	...	1	...
43		1949...	31	7	...	7	...	7	...
44	Farm area irrigated directly.....acres	1959...	44,408	(D)	...	(D)	...	(D)	...
45	Farm water users served directly.....water users	1959...	480	(D)	...	(D)	...	(D)	...
46	Total water conveyed.....acre-feet	1959...	170,944	(D)	...	(D)	...	(D)	...
47	City.....organizations	1959...	35	4	1	3	1	1	...
48		1949...	50	9	4	5	1	2	1
49	Farm area irrigated directly.....acres	1959...	73,385	(D)	(D)	(D)	(D)	(D)	...
50	Farm water users served directly.....water users	1959...	3,814	(D)	(D)	(D)	(D)	(D)	...
51	Total water conveyed.....acre-feet	1959...	982,409	(D)	(D)	(D)	(D)	(D)	...

NA Not available.
D Data not shown to avoid disclosure of information for individual organizations.

Summary Table 10 (Part 1 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

	Item (For definitions and explanations, see text)	North Pacific Coast (I)—Continued					South Pacific Coast (II)		
		Columbia River—Continued							
		Snake River							
		Total	Below Weiser, Idaho (I-E)	Weiser, Idaho to King Hill, Idaho (I-F)	King Hill, Idaho to American Falls, Idaho (I-G)	Above American Falls, Idaho (I-H)	Total	Klamath River (II-A)	Klamath River to Santa Maria River excluding Central Valley (II-B)
1	Irrigation organizations, total number.....organizations 1959...	1,110	375	259	111	371	1,091	62	39
2	1949...	1,305	442	296	108	466	1,501	60	54
3	Area irrigated as reported by organizations.....acres 1959...	2,505,007	233,614	743,724	748,717	778,952	3,725,866	285,200	30,646
4	1949...	2,126,132	220,973	635,857	618,502	650,800	2,735,897	205,119	19,869
5	Farm water users served directly....water users 1959...	45,498	3,819	19,389	10,429	11,881	110,134	2,993	1,332
6	Total water conveyed.....acre-feet 1959...	17,882,638	1,046,969	4,983,120	4,995,730	6,958,117	17,479,417	1,225,526	243,389
	TYPE OF ORGANIZATION								
	Mutual:								
7	Unincorporated.....organizations 1959...	692	307	128	72	185	396	25	15
8	1949...	896	373	168	75	280	723	34	26
9	Farm area irrigated directly.....acres 1959...	316,659	146,762	48,376	31,679	89,842	80,473	18,331	1,263
10	Farm water users served directly.....water users 1959...	3,802	1,661	679	399	1,063	2,150	132	75
11	Total water conveyed.....acre-feet 1959...	1,613,621	667,453	256,819	135,392	553,957	368,075	62,528	9,853
12	Incorporated.....organizations 1959...	355	58	97	31	171	428	8	11
13	1949...	337	56	90	25	167	550	7	9
14	Farm area irrigated directly.....acres 1959...	1,254,529	68,160	173,100	543,133	470,136	1,032,830	17,832	9,595
15	Farm water users served directly.....water users 1959...	19,415	852	3,982	7,883	6,698	22,039	232	404
16	Total water conveyed.....acre-feet 1959...	9,936,597	267,303	1,278,936	3,578,428	4,856,204	2,831,577	57,201	65,114
17	District.....organizations 1959...	54	9	32	6	11	184	24	2
18	1949...	57	9	31	7	12	116	15	5
19	Farm area irrigated directly.....acres 1959...	810,498	16,632	510,248	105,658	177,960	2,401,046	(D)	(D)
20	Farm water users served directly.....water users 1959...	19,807	656	14,678	1,500	2,973	77,564	(D)	(D)
21	Total water conveyed.....acre-feet 1959...	5,789,433	93,813	3,430,365	1,045,609	1,276,670	10,051,435	(D)	(D)
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau...organizations 1959...	4	...	1	2	1	12	2	1
23	1949...	5	1	5	1	2	3	1	1
24	Farm area irrigated directly.....acres 1959...	76,767	...	(D)	68,247	(D)	28,670	(D)	(D)
25	Farm water users served directly.....water users 1959...	714	...	(D)	647	(D)	347	(D)	(D)
26	Total water conveyed.....acre-feet 1959...	253,019	...	(D)	236,301	(D)	2,600,581	(D)	(D)
27	*U. S. Bureau of Reclamation; operated by water users* .....*organizations 1959*...	15	4	8	3	...	37	13	...
28	*1949*...	NA	NA	NA	NA	NA	NA	NA	NA
29	Farm area irrigated directly.....acres 1959...	442,607	1,435	318,030	123,142	...	463,457	178,196	...
30	Farm water users served directly.....water users 1959...	9,902	491	7,094	2,317	...	7,474	2,119	...
31	Total water conveyed.....acre-feet 1959...	3,511,135	10,750	2,377,486	1,122,899	...	2,111,335	1,271,892	...
32	U. S. Bureau of Indian Affairs....organizations 1959...	3	...	1	...	2	5	2	...
33	1949...	6	1	1	...	4	10	3	...
34	Farm area irrigated directly.....acres 1959...	43,774	...	(D)	...	(D)	3,284	2,104	...
35	Farm water users served directly.....water users 1959...	1,100	...	(D)	...	(D)	283	182	...
36	Total water conveyed.....acre-feet 1959...	266,500	...	(D)	...	(D)	13,923	9,750	...
37	Commercial.....organizations 1959...	1	1	...	...	...	51	1	7
38	1949...	3	1	1	...	1	78	...	9
39	Farm area irrigated directly.....acres 1959...	(D)	(D)	...	...	...	158,321	(D)	(D)
40	Farm water users served directly.....water users 1959...	(D)	(D)	...	...	...	5,765	(D)	(D)
41	Total water conveyed.....acre-feet 1959...	(D)	(D)	...	...	...	951,672	(D)	(D)
42	State.....organizations 1959...	...	...	...	...	...	...	...	...
43	1949...	...	...	...	...	...	...	...	...
44	Farm area irrigated directly.....acres 1959...	...	...	...	...	...	...	...	...
45	Farm water users served directly.....water users 1959...	...	...	...	...	...	...	...	...
46	Total water conveyed.....acre-feet 1959...	...	...	...	...	...	...	...	...
47	City.....organizations 1959...	1	...	...	...	1	15	...	3
48	1949...	1	1	...	...	...	21	...	4
49	Farm area irrigated directly.....acres 1959...	(D)	...	...	...	(D)	21,242	...	1,177
50	Farm water users served directly.....water users 1959...	(D)	...	...	...	(D)	1,986	...	102
51	Total water conveyed.....acre-feet 1959...	(D)	...	...	...	(D)	662,154	...	9,198

NA Not available.
D Data not shown to avoid disclosure of information for individual organizations.

Summary Table 10 (Part 1 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

	Item (For definitions and explanations, see text)	South Pacific Coast (II)—Continued					Great Basin (III)				
		Central Valley									
		Total	Sacramento San Joaquin Delta area and Sacramento River (II-C and II-D)	San Joaquin River (II-E)	San Joaquin Valley above San Joaquin River (II-F)	Santa Maria River and Basins south (II-G)	Total	Northwest Great Basin and Humboldt River (III-A and III-B)	South Central Great Basin (III-C)	Bonneville Basin excluding Bear River (III-D)	Bear River (III-E)
1	Irrigation organizations, total number.....organizations 1959...	361	143	60	166	629	1,166	42	102	678	346
2	1949...	437	149	55	245	951	1,265	68	125	735	339
3	Area irrigated as reported by organizations.....acres 1959...	3,105,342	802,095	910,623	1,392,624	304,678	1,349,873	82,436	260,658	610,772	396,007
4	1949...	2,161,741	570,864	884,934	745,943	349,168	1,329,810	109,180	250,885	638,007	331,738
5	Farm water users served directly....water users 1959...	78,201	16,610	29,150	32,441	27,608	42,586	363	2,626	29,320	10,277
6	Total water conveyed.....acre-feet 1959...	14,004,581	6,728,211	6,186,765	3,774,617	2,074,590	5,915,373	215,512	1,839,305	2,417,361	1,449,485
	TYPE OF ORGANIZATION										
	Mutual:										
7	Unincorporated.....organizations 1959...	97	36	8	53	259	478	37	49	209	183
8	1949...	196	59	20	117	467	582	57	65	285	175
9	Farm area irrigated directly.....acres 1959...	43,737	30,196	1,190	12,351	17,142	214,731	44,253	49,187	44,329	76,962
10	Farm water users served directly.....water users 1959...	526	212	20	294	1,417	3,122	162	268	1,586	1,106
11	Total water conveyed.....acre-feet 1959...	232,166	134,861	10,235	87,070	63,528	648,102	98,601	163,312	156,458	229,731
12	Incorporated.....organizations 1959...	116	33	10	73	293	654	2	39	455	159
13	1949...	132	27	11	94	402	644	5	39	440	161
14	Farm area irrigated directly.....acres 1959...	810,492	174,766	99,559	536,167	194,911	912,653	(D)	(D)	544,690	279,363
15	Farm water users served directly.....water users 1959...	5,769	2,317	526	2,926	15,634	34,255	(D)	(D)	25,179	8,198
16	Total water conveyed.....acre-feet 1959...	2,074,137	825,805	420,346	827,986	635,125	3,390,910	(D)	(D)	2,117,114	962,954
17	District.....organizations 1959...	118	56	36	31	40	17	1	6	7	3
18	1949...	73	44	17	20	23	13	2	6	3	2
19	Farm area irrigated directly.....acres 1959...	2,111,775	537,365	798,853	775,557	52,374	147,214	(D)	(D)	16,667	7,610
20	Farm water users served directly.....water users 1959...	67,758	10,985	27,991	28,782	7,022	3,218	(D)	(D)	1,824	209
21	Total water conveyed.....acre-feet 1959...	8,453,656	3,803,922	3,372,097	1,795,317	615,556	1,101,253	(D)	(D)	67,853	26,800
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau...organizations 1959...	8	7	2	2	1	1	...	...	1	...
23	1949...	2	3	2	1	...	1	...	...	1	...
24	Farm area irrigated directly.....acres 1959...	4,058	...	1,773	2,285	...	1,030	...	...	1,030	...
25	Farm water users served directly.....water users 1959...	7	...	2	5	...	47	...	...	47	...
26	Total water conveyed.....acre-feet 1959...	2,452,896	1,429,780	2,305,080	885,368	8,516	29,414	...	...	29,414	...
27	*U. S. Bureau of Reclamation; operated by water users ... organizations 1959...*	18	4	3	11	6	14	1	4	8	1
28	*1949...*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29	Farm area irrigated directly.....acres 1959...	280,808	24,641	71,444	184,723	4,453	147,628	(D)	77,895	33,817	(D)
30	Farm water users served directly.....water users 1959...	4,892	1,032	795	3,065	463	2,874	(D)	952	1,548	(D)
31	Total water conveyed.....acre-feet 1959...	814,518	155,961	205,711	452,846	24,925	759,583	(D)	404,043	236,820	(D)
32	U. S. Bureau of Indian Affairs....organizations 1959...	1	1	...	...	2	9	2	6	1	...
33	1949...	2	1	...	1	5	16	4	12	...	...
34	Farm area irrigated directly.....acres 1959...	800	800	...	...	380	8,305	(D)	4,211	(D)	...
35	Farm water users served directly.....water users 1959...	10	10	...	...	91	311	(D)	232	(D)	...
36	Total water conveyed.....acre-feet 1959...	2,050	2,050	...	...	2,123	42,669	(D)	34,345	(D)	...
37	Commercial.....organizations 1959...	21	10	4	7	22	2	...	1	1	1
38	1949...	29	14	5	10	40	3	...	2	1	1
39	Farm area irrigated directly.....acres 1959...	134,480	58,968	9,248	66,264	19,806	(D)	...	(D)	(D)	(D)
40	Farm water users served directly.....water users 1959...	4,131	3,086	611	434	1,560	(D)	...	(D)	(D)	(D)
41	Total water conveyed.....acre-feet 1959...	789,676	531,793	79,007	178,876	96,786	(D)	...	(D)	(D)	(D)
42	State.....organizations 1959...	...	...	...	...	...	...	...	...	...	...
43	1949...	...	...	...	...	...	...	...	...	...	...
44	Farm area irrigated directly.....acres 1959...	...	...	...	...	...	...	...	...	...	...
45	Farm water users served directly.....water users 1959...	...	...	...	...	...	...	...	...	...	...
46	Total water conveyed.....acre-feet 1959...	...	...	...	...	...	...	...	...	...	...
47	City.....organizations 1959...	...	...	...	...	12	5	...	1	4	...
48	1949...	3	1	...	2	14	6	...	1	5	...
49	Farm area irrigated directly.....acres 1959...	...	...	...	...	20,065	31,008	...	(D)	2,250	...
50	Farm water users served directly.....water users 1959...	...	...	...	...	1,884	792	...	(D)	638	...
51	Total water conveyed.....acre-feet 1959...	...	...	...	...	652,956	465,445	...	(D)	41,594	...

NA Not available.
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Summary Table 10 (Part 1 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

	Item (For definitions and explanations, see text)	Gulf of California (IV)							
				Colorado River					
						Colorado River above Lees Ferry			
		Total	Gila River excluding Colorado River (IV-A and IV-C)	Total	Below Lees Ferry excluding Gila River (IV-B)	Total	Excluding Green and Gunnison Rivers (IV-D)	Green River (IV-E)	Gunnison River (IV-F)
1	Irrigation organizations, total number.....organizations 1959...	1,402	105	1,297	110	1,187	561	268	359
2	1949...	1,545	124	1,425	134	1,291	597	249	445
3	Area irrigated as reported by organizations.....acres 1959...	2,433,197	464,334	1,968,863	793,631	1,175,232	461,911	476,420	236,901
4	1949...	2,117,187	466,376	1,087,121	622,846	1,027,965	436,040	370,180	221,745
5	Farm water users served directly....water users 1959...	41,499	9,326	32,173	10,687	21,486	10,869	6,004	4,613
6	Total water conveyed.....acre-feet 1959...	22,545,054	2,638,375	19,906,679	14,307,506	5,599,173	2,585,001	1,827,770	1,187,694
	TYPE OF ORGANIZATION								
	Mutual:								
7	Unincorporated.....organizations 1959...	949	57	892	23	869	400	186	283
8	1949...	1,065	75	991	35	956	432	172	352
9	Farm area irrigated directly.....acres 1959...	400,837	25,699	375,138	7,726	367,412	166,130	119,102	82,180
10	Farm water users served directly.....water users 1959...	5,394	806	4,588	240	4,348	2,561	756	1,031
11	Total water conveyed.....acre-feet 1959...	1,796,740	132,954	1,663,786	17,732	1,646,054	760,568	489,774	395,712
12	Incorporated.....organizations 1959...	334	21	313	54	259	110	75	75
13	1949...	356	27	331	62	269	108	69	92
14	Farm area irrigated directly.....acres 1959...	978,695	252,176	726,519	82,734	643,785	245,139	(D)	(D)
15	Farm water users served directly.....water users 1959...	19,778	4,848	14,930	2,239	12,691	4,850	(D)	(D)
16	Total water conveyed.....acre-feet 1959...	4,935,301	1,492,126	3,443,175	495,125	2,948,050	1,284,319	(D)	(D)
17	District.....organizations 1959...	32	7	25	9	16	9	6	1
18	1949...	28	9	19	7	12	5	6	1
19	Farm area irrigated directly.....acres 1959...	834,107	96,426	737,681	656,958	80,723	29,635	(D)	(D)
20	Farm water users served directly.....water users 1959...	10,062	740	9,322	7,191	2,131	1,860	(D)	(D)
21	Total water conveyed.....acre-feet 1959...	7,525,743	385,417	7,140,326	6,788,350	351,976	155,462	(D)	(D)
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau...organizations 1959...	7	...	7	3	4	4	...	...
23	1949...	7	...	7	4	3	3	...	...
24	Farm area irrigated directly.....acres 1959...	13,312	...	13,312	13,312	...	...	...	...
25	Farm water users served directly.....water users 1959...	248	...	248	248	...	...	...	...
26	Total water conveyed.....acre-feet 1959...	7,003,633	...	7,003,633	6,735,053	268,580	268,580	...	...
27	*U. S. Bureau of Reclamation; operated by water users ..... organizations 1959* ...	16	1	15	6	9	2	4	3
28	*1949* ...	NA	NA	NA	NA	NA	NA	NA	NA
29	Farm area irrigated directly.....acres 1959...	930,692	(D)	(D)	(D)	121,733	(D)	12,968	81,095
30	Farm water users served directly.....water users 1959...	13,607	(D)	(D)	(D)	2,772	(D)	84	1,868
31	Total water conveyed.....acre-feet 1959...	8,602,192	(D)	(D)	(D)	1,022,305	(D)	165,934	491,594
32	U. S. Bureau of Indian Affairs....organizations 1959...	74	17	57	18	39	38	1	...
33	1949...	79	10	70	22	48	47	1	...
34	Farm area irrigated directly.....acres 1959...	204,125	88,278	115,847	32,535	83,312	21,007	(D)	...
35	Farm water users served directly.....water users 1959...	5,827	2,921	2,906	590	2,316	1,598	(D)	...
36	Total water conveyed.....acre-feet 1959...	1,267,257	612,979	654,278	269,765	384,513	116,072	(D)	...
37	Commercial.....organizations 1959...	2	...	2	2	...	...	...	...
38	1949...	6	1	5	2	3	2	1	...
39	Farm area irrigated directly.....acres 1959...	(D)	...	(D)	(D)	...	...	...	...
40	Farm water users served directly.....water users 1959...	(D)	...	(D)	(D)	...	...	...	...
41	Total water conveyed.....acre-feet 1959...	(D)	...	(D)	(D)	...	...	...	...
42	State.....organizations 1959...	1	1	...	...	...	...	...	...
43	1949...	...	...	...	...	...	...	...	...
44	Farm area irrigated directly.....acres 1959...	(D)	(D)	...	...	...	...	...	...
45	Farm water users served directly.....water users 1959...	(D)	(D)	...	...	...	...	...	...
46	Total water conveyed.....acre-feet 1959...	(D)	(D)	...	...	...	...	...	...
47	City.....organizations 1959...	3	2	1	1	...	...	...	...
48	1949...	4	2	2	2	...	...	...	...
49	Farm area irrigated directly.....acres 1959...	1,850	(D)	(D)	(D)	...	...	...	...
50	Farm water users served directly.....water users 1959...	30	(D)	(D)	(D)	...	...	...	...
51	Total water conveyed.....acre-feet 1959...	15,554	(D)	(D)	(D)	...	...	...	...

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Summary Table 10 (Part 1 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

	Item (For definitions and explanations, see text)	Gulf of Mexico excluding Mississippi River (V)					Mississippi River (VI)	
				Rio Grande River				
		Total	Mermentau River excluding Rio Grande (V-A and V-D)	Total	Below Fort Quitman (V-B)	Above Fort Quitman, Texas (V-C)	Total	Arkansas River (VI-A and VI-B)
1	Irrigation organizations, total number.....organizations 1959...	826	254	573	108	465	2,227	398
2	1949...	1,195	388	807	123	684	2,505	524
3	Area irrigated as reported by organizations.....acres 1959...	1,791,975	464,479	1,327,496	637,629	689,867	4,470,560	591,323
4	1949...	2,074,634	622,986	1,451,648	639,070	812,578	3,592,738	532,783
5	Farm water users served directly....water users 1959...	48,238	5,395	42,843	21,756	21,087	49,360	9,178
6	Total water conveyed.....acre-feet 1959...	5,151,010	1,873,875	3,278,180	1,350,614	1,927,566	16,672,116	1,926,978
	TYPE OF ORGANIZATION							
	Mutual:							
7	Unincorporated.....organizations 1959...	446	58	388	49	339	1,367	275
8	1949...	654	75	579	61	518	1,671	387
9	Farm area irrigated directly.....acres 1959...	161,946	24,490	137,456	10,232	127,224	731,467	69,266
10	Farm water users served directly.....water users 1959...	7,478	307	7,171	1,005	6,166	6,689	1,767
11	Total water conveyed.....acre-feet 1959...	431,562	113,249	318,313	29,729	288,584	2,722,669	223,144
12	Incorporated.....organizations 1959...	127	3	124	10	114	697	117
13	1949...	161	12	149	14	135	687	130
14	Farm area irrigated directly.....acres 1959...	356,571	24,058	332,513	12,769	319,744	2,054,016	426,994
15	Farm water users served directly.....water users 1959...	4,043	110	3,933	217	3,716	23,983	6,334
16	Total water conveyed.....acre-feet 1959...	722,650	99,420	623,230	34,977	588,253	7,597,527	1,364,387
17	District.....organizations 1959...	59	8	52	44	8	104	4
18	1949...	54	5	49	40	9	90	3
19	Farm area irrigated directly.....acres 1959...	703,959	48,452	655,507	603,956	51,551	1,484,703	92,823
20	Farm water users served directly.....water users 1959...	23,479	1,258	22,221	20,354	1,867	16,252	1,092
21	Total water conveyed.....acre-feet 1959...	1,448,707	132,277	1,317,475	1,249,495	67,980	5,065,602	193,107
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau...organizations 1959...	5	...	5	1	4	22	1
23	1949...	4	...	4	2	2	12	2
24	Farm area irrigated directly.....acres 1959...	191,348	...	191,348	...	191,348	66,598	...
25	Farm water users served directly.....water users 1959...	9,338	...	9,338	...	9,338	518	...
26	Total water conveyed.....acre-feet 1959...	982,749	...	982,749	...	982,749	678,974	55,294
27	*U. S. Bureau of Reclamation; operated by water users ..... organizations 1959* ...	2	...	2	2	...	32	3
28	*1949* ...	NA	NA	NA	NA	NA	NA	NA
29	Farm area irrigated directly.....acres 1959...	132,306	...	(D)	(D)	...	917,529	79,352
30	Farm water users served directly.....water users 1959...	7,019	...	(D)	(D)	...	8,294	843
31	Total water conveyed.....acre-feet 1959...	321,040	...	(D)	(D)	...	3,612,819	167,745
32	U. S. Bureau of Indian Affairs....organizations 1959...	1	...	1	1	...	21	...
33	1949...	18	...	18	1	17	8	...
34	Farm area irrigated directly.....acres 1959...	386	...	386	386	...	85,269	...
35	Farm water users served directly.....water users 1959...	61	...	61	61	...	851	...
36	Total water conveyed.....acre-feet 1959...	1,962	...	1,962	1,962	...	393,777	...
37	Commercial.....organizations 1959...	184	181	3	3	...	6	1
38	1949...	299	294	5	4	1	9	1
39	Farm area irrigated directly.....acres 1959...	(D)	(D)	10,286	10,286	...	(D)	(D)
40	Farm water users served directly.....water users 1959...	(D)	(D)	119	119	...	(D)	(D)
41	Total water conveyed.....acre-feet 1959...	(D)	(D)	34,451	34,451	...	(D)	(D)
42	State.....organizations 1959...	1	1	...	...	...	4	...
43	1949...	...	...	...	...	...	23	1
44	Farm area irrigated directly.....acres 1959...	(D)	(D)	...	...	...	(D)	...
45	Farm water users served directly.....water users 1959...	(D)	(D)	...	...	...	(D)	...
46	Total water conveyed.....acre-feet 1959...	(D)	(D)	...	...	...	(D)	...
47	City.....organizations 1959...	3	3	...	...	...	6	...
48	1949...	5	2	3	1	2	5	...
49	Farm area irrigated directly.....acres 1959...	3,768	3,768	...	...	...	(D)	...
50	Farm water users served directly.....water users 1959...	11	11	...	...	...	(D)	...
51	Total water conveyed.....acre-feet 1959...	95,111	95,111	...	...	...	(D)	...

NA Not available.
D Data not shown to avoid disclosure of information for individual organizations.

Summary Table 10 (Part 1 of 3).– NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Mississippi River (VI)—Continued									
		Missouri River									
		Total	Below Three Forks, Montana, excluding Platte and Yellowstone River (VI-C)	Platte River			Yellowstone River			Headwaters above Three Forks, Montana (VI-H)	Hudson Bay (Red River of the North) (VII)
				Total	Excluding South Platte River (VI-D)	South Platte River above Gaging Station near Paxton (VI-E)	Total	Excluding Big Horn River (VI-F)	Big Horn River (VI-G)		
1	Irrigation organizations, total number.....organizations 1959...	1,829	205	673	263	413	646	422	224	305	2
2	1949...	1,981	211	750	294	456	676	446	230	350	2
3	Area irrigated as reported by organizations.....acres 1959...	3,879,237	577,776	2,036,069	958,737	1,077,332	1,000,259	511,054	489,205	265,133	(D)
4	1949...	3,059,955	434,802	1,586,451	761,602	824,849	831,186	429,720	401,466	207,516	7,630
5	Farm water users served directly....water users 1959...	40,162	5,403	22,705	10,020	12,685	10,214	5,067	5,147	1,840	29
6	Total water conveyed.....acre-feet 1959...	14,745,138	1,647,867	6,183,186	3,056,201	3,148,949	5,257,555	2,422,749	2,834,806	1,656,530	(D)
	TYPE OF ORGANIZATION										
	Mutual:										
7	Unincorporated.....organizations 1959...	1,092	103	287	184	103	442	288	154	260	1
8	1949...	1,284	142	343	217	126	488	321	167	313	...
9	Farm area irrigated directly.....acres 1959...	662,201	45,943	258,200	198,398	59,802	209,884	148,195	61,689	148,174	(D)
10	Farm water users served directly.....water users 1959...	4,922	363	1,716	813	903	1,831	1,279	552	1,012	3
11	Total water conveyed.....acre-feet 1959...	2,499,525	100,548	702,642	562,818	139,824	826,580	582,363	244,217	869,755	(D)
12	Incorporated.....organizations 1959...	580	52	326	34	294	157	118	39	45	...
13	1949...	557	31	346	32	314	147	104	43	33	...
14	Farm area irrigated directly.....acres 1959...	1,627,022	146,396	995,160	112,764	882,396	368,507	231,021	137,486	116,959	...
15	Farm water users served directly.....water users 1959...	17,649	1,431	11,374	1,153	10,221	4,016	2,601	1,415	828	...
16	Total water conveyed.....acre-feet 1959...	6,233,140	555,085	2,771,258	327,646	2,463,475	2,120,022	1,284,996	835,026	786,775	...
17	District.....organizations 1959...	100	20	46	38	8	34	14	20	...	1
18	1949...	87	14	47	40	7	27	11	16	...	1
19	Farm area irrigated directly.....acres 1959...	1,391,880	326,738	743,519	621,797	121,722	321,623	130,197	191,426	...	(D)
20	Farm water users served directly.....water users 1959...	15,160	2,931	8,620	7,584	1,036	3,609	1,174	2,435	...	26
21	Total water conveyed.....acre-feet 1959...	4,872,495	760,676	2,346,293	2,105,236	241,057	1,765,526	549,134	1,216,392	...	(D)
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau...organizations 1959...	21	14	4	3	1	3	...	3	...	...
23	1949...	10	5	3	2	1	2	...	2	...	...
24	Farm area irrigated directly.....acres 1959...	66,598	26,058	...	...	...	40,540	...	40,540	...	...
25	Farm water users served directly.....water users 1959...	518	314	...	...	...	204	...	204	...	...
26	Total water conveyed.....acre-feet 1959...	623,680	145,011	268,580	...	268,580	210,089	...	210,089	...	...
27	*U. S. Bureau of Reclamation; operated by water users ..... organizations 1959* ...	29	14	7	6	1	8	7	1	...	...
28	*1949* ...	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29	Farm area irrigated directly.....acres 1959...	733,540	290,745	243,431	(D)	(D)	199,364	(D)	(D)	...	...
30	Farm water users served directly.....water users 1959...	7,451	2,620	2,976	(D)	(D)	1,855	(D)	(D)	...	...
31	Total water conveyed.....acre-feet 1959...	3,445,074	678,912	1,539,949	(D)	(D)	1,226,213	(D)	(D)	...	...
32	U. S. Bureau of Indian Affairs....organizations 1959...	21	11	...	...	...	10	2	8	...	...
33	1949...	8	5	...	...	...	4	2	2	...	...
34	Farm area irrigated directly.....acres 1959...	85,269	25,564	...	...	...	59,705	(D)	58,064	...	...
35	Farm water users served directly.....water users 1959...	851	297	...	...	...	554	(D)	541	...	...
36	Total water conveyed.....acre-feet 1959...	393,777	58,439	...	...	...	335,338	(D)	329,082	...	...
37	Commercial.....organizations 1959...	5	1	4	2	3	...	...	...	...	...
38	1949...	8	2	5	2	3	2	2	...	...	...
39	Farm area irrigated directly.....acres 1959...	(D)	(D)	4,075	(D)	500	...	...	...	...	...
40	Farm water users served directly.....water users 1959...	(D)	(D)	28	(D)	12	...	...	...	...	...
41	Total water conveyed.....acre-feet 1959...	(D)	(D)	14,918	(D)	6,992	...	...	...	...	...
42	State.....organizations 1959...	4	3	1	1	...	...	...	...	...	...
43	1949...	22	12	...	...	...	6	6	...	4	1
44	Farm area irrigated directly.....acres 1959...	(D)	(D)	(D)	(D)	...	...	...	...	...	...
45	Farm water users served directly.....water users 1959...	(D)	(D)	(D)	(D)	...	...	...	...	...	...
46	Total water conveyed.....acre-feet 1959...	(D)	(D)	(D)	(D)	...	...	...	...	...	...
47	City.....organizations 1959...	6	1	5	1	4	...	...	...	...	...
48	1949...	5	...	6	1	5	...	...	...	...	...
49	Farm area irrigated directly.....acres 1959...	(D)	...	(D)	(D)	12,912	...	...	...	...	...
50	Farm water users served directly.....water users 1959...	(D)	...	(D)	(D)	513	...	...	...	...	...
51	Total water conveyed.....acre-feet 1959...	(D)	...	(D)	(D)	29,021	...	...	...	...	...

NA Not available.
D Data not shown to avoid disclosure of information for individual organizations.

Summary Table 10 (Part 2 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	18 States, total	North Pacific Coast (I)					
			Total	Excluding Columbia River (I-A)	Columbia River			
					Total	Below Snake River (I-B)	Above Snake River excluding Yakima River (I-C,	Yakima River (I-D)
	TYPE OF SERVICE, 1959							
1	All water directly from surface and ground water sources.....organizations...	7,543	1,820	120	1,700	235	427	111
2	Total water conveyed.....acre-feet...	70,168,762	21,122,888	388,580	21,425,743	1,423,056	3,042,373	2,598,603
3	Water delivered.....acre-feet...	56,765,261	17,214,689	305,609	16,909,080	1,075,327	2,085,651	2,071,653
4	To farm and residential users only.....organizations...	7,228	1,754	119	1,635	230	420	108
5	acre-feet...	30,939,577	10,169,056	279,102	9,889,954	784,650	1,985,469	1,834,111
6	To farm and residential users and other irrigation organizations.....organizations...	259	58	1	57	5	5	2
7	Water to farm and residential users.....acre-feet...	10,388,158	4,657,524	16,520	4,641,004	269,605	49,891	214,584
8	Water to other irrigation organizations.....acre-feet...	5,779,328	2,103,990	9,987	2,094,003	21,072	15,575	16,658
9	To other irrigation organizations only.....organizations...	50	8	...	8	...	2	1
10	acre-feet...	9,658,198	233,937	...	233,937	...	34,716	6,300
11	Part of water from other organizations.....organizations...	452	92	1	91	4	14	1
12	Total water conveyed.....acre-feet ..	15,896,595	2,633,428	15,500	2,617,828	9,257	164,387	2,535
13	From surface and ground water sources.....acre-feet...	2,828,497	1,060,832	5,513	1,031,038	5,848	133,211	[1]-3,465
14	From other irrigation organizations.....acre-feet...	13,068,098	1,676,783	9,987	1,586,790	3,409	31,176	6,000
15	Water delivered.....acre-feet...	13,148,549	2,297,449	13,000	2,284,449	8,648	134,279	1,935
16	To farm and residential users only.....organizations...	371	81	1	80	4	11	1
17	acre-feet...	5,856,526	1,884,162	13,000	1,871,162	8,648	92,209	1,935
18	To farm and residential users and other irrigation organizations.....organizations...	76	12	...	12	...	3	...
19	Water to farm and residential users.....acre-feet...	4,670,895	315,200	...	315,200	...	31,547	...
20	Water to other irrigation organizations.....acre-feet...	2,565,560	98,087	...	98,087	...	10,523	...
21	To other irrigation organizations only.....organizations...	4	...	...	...	...	...	...
22	acre-feet...	55,568	...	...	...	...	...	...
23	All of water from other organizations.....organizations...	674	129	...	129	3	17	7
24	Total water conveyed.....acre-feet...	5,576,351	1,070,466	...	1,070,466	17,663	29,888	16,958
25	Water delivered.....acre-feet...	4,809,757	964,469	...	964,469	15,709	29,594	9,250
26	To farm and residential users only.....organizations...	617	115	...	115	3	16	7
27	acre-feet...	3,791,038	594,571	...	594,571	15,709	28,839	9,250
28	To farm and residential users and other irrigation organizations.....organizations...	44	12	...	12	...	1	...
29	Water to farm residential users.....acre-feet...	432,924	138,669	...	138,669	...	505	...
30	Water to other irrigation organizations.....acre-feet...	402,575	229,780	...	229,780	...	250	...
31	To other irrigation organizations only.....organizations...	13	2	...	2	...	...	...
32	acre-feet...	183,220	1,449	...	1,449	...	...	...
33	No water conveyed.....organizations...	80	15	...	15	2	2	2
	WATER FROM OTHER SOURCES							
34	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	7,301	1,756	117	1,639	214	365	98
35	acres served...	16,487,956	3,547,466	66,627	3,480,804	164,457	697,901	412,281
36	acres irrigated...	13,903,569	3,237,722	67,904	3,169,818	157,253	587,982	378,946
37	Water delivered to farms.....acre-feet...	44,600,549	13,184,307	206,478	12,977,829	665,939	2,016,930	1,761,787
38	acre-feet per acre...	3.2	4.1	3.0	4.1	4.2	3.4	4.6
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	1,284	274	4	270	28	92	20
40	acres served...	4,677,298	728,811	7,293	721,518	111,384	56,029	80,950
41	acres irrigated...	3,797,272	678,696	7,255	671,441	108,598	45,300	77,224
42	Water delivered to farms.....acre-feet...	9,870,930	2,833,190	31,397	2,801,793	395,608	144,824	328,913
43	acre-feet per acre...	2.6	4.2	4.3	4.2	3.6	3.2	4.2

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply to the basin or State.

Summary Table 10 (Part 2 of 3).–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	North Pacific Coast (I)—Continued					South Pacific Coast (II)		
		Columbia River—Continued							
		Snake River							
		Total	Below Weiser, Idaho (I-E)	Weiser, Idaho to King Hill, Idaho (I-F)	King Hill, Idaho to American Falls, Idaho (I-G)	Above American Falls (I-H)	Total	South Pacific Coast (II-A)	Klamath River to Santa Maria River excluding Central Valley (II-B)
	TYPE OF SERVICE, 1959								
1	All water directly from surface and ground water sources.....organizations...	928	365	196	100	271	862	54	32
2	Total water conveyed.....acre-feet...	14,435,032	975,936	3,832,377	4,334,515	5,367,363	11,076,340	1,166,767	208,070
3	Water delivered.....acre-feet...	11,676,449	835,287	3,025,913	3,212,891	4,602,358	9,116,862	792,758	124,493
4	To farm and residential users only.....organizations...	878	361	175	93	250	807	51	25
5	acre-feet...	5,285,724	811,834	741,890	1,097,048	2,634,952	9,180,325	499,837	95,815
6	To farm and residential users and other irrigation organizations.....organizations...	45	3	19	6	19	40	3	2
7	Water to farm and residential users.....acre-feet...	4,106,924	3,766	1,722,749	1,706,380	674,029	1,527,429	231,107	8,458
8	Water to other irrigation organizations.....acre-feet...	2,040,698	2,362	509,234	399,577	1,129,525	1,534,368	61,814	265
9	To other irrigation organizations only.....organizations...	5	1	2	1	2	13	...	4
10	acre-feet...	192,921	17,325	1,950	9,786	163,860	1,874,740	...	19,955
11	Part of water from other organizations.....organizations...	72	5	37	3	28	126	7	5
12	Total water conveyed.....acre-feet ..	2,441,649	48,427	1,074,264	634,650	706,723	5,263,783	58,759	35,268
13	From surface and ground water sources.....acre-feet...	895,444	9,241	660,156	251,852	10,839	2,441,182	[1]-3,055	15,099
14	From other irrigation organizations.....acre-feet...	1,546,205	33,172	515,309	382,798	695,884	2,853,001	61,814	20,169
15	Water delivered.....acre-feet...	2,139,587	44,656	1,032,240	423,383	639,308	4,207,422	46,958	29,164
16	To farm and residential users only.....organizations...	64	4	34	3	23	97	7	5
17	acre-feet...	1,768,370	22,341	986,930	423,383	335,716	2,775,769	46,958	29,164
18	To farm and residential users and other irrigation organizations.....organizations...	9	1	3	...	5	28	...	...
19	Water to farm and residential users.....acre-feet...	283,653	...	27,147	...	256,506	1,148,378	...	...
20	Water to other irrigation organizations.....acre-feet...	87,564	22,315	18,163	...	47,086	273,571	...	...
21	To other irrigation organizations only.....organizations...	...	...	...	...	...	1	...	...
22	acre-feet...	...	...	...	...	...	9,704	...	...
23	All of water from other organizations.....organizations...	102	3	22	7	71	96	...	2
24	Total water conveyed.....acre-feet...	1,005,957	22,606	76,479	26,565	884,131	1,139,294	...	51
25	Water delivered.....acre-feet...	909,916	21,696	63,784	23,042	801,394	1,028,909	...	51
26	To farm and residential users only.....organizations...	89	3	22	7	58	79	...	2
27	acre-feet...	540,773	21,696	63,784	23,042	432,251	838,310	...	51
28	To farm and residential users and other irrigation organizations.....organizations...	11	...	...	...	11	9	...	...
29	Water to farm residential users.....acre-feet...	138,164	...	...	...	138,164	20,091	...	...
30	Water to other irrigation organizations.....acre-feet...	229,530	...	...	...	229,530	11,893	...	...
31	To other irrigation organizations only.....organizations...	2	...	...	...	2	8	...	...
32	acre-feet...	1,449	...	...	...	1,449	158,615	...	...
33	No water conveyed.....organizations...	9	2	5	1	1	7	1	...
	WATER FROM OTHER SOURCES								
34	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	963	319	222	97	330	854	54	28
35	acres served...	2,225,336	277,059	868,545	801,865	702,264	3,241,187	298,471	31,161
36	acres irrigated...	2,054,728	251,661	843,380	721,468	653,413	2,617,105	280,330	27,947
37	Water delivered to farms.....acre-feet...	8,573,679	930,477	3,049,735	3,145,141	3,454,569	7,478,278	751,581	63,851
38	acre-feet per acre...	4.2	3.7	3.6	4.3	5.3	2.9	2.7	2.3
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	130	53	30	12	36	205	7	6
40	acres served...	473,155	51,466	245,730	44,004	132,755	1,632,020	22,547	4,038
41	acres irrigated...	440,319	44,597	242,439	27,654	126,429	1,164,307	21,924	3,999
42	Water delivered to farms.....acre-feet...	1,932,448	179,985	1,025,486	128,533	601,503	2,396,802	52,334	12,808
43	acre-feet per acre...	4.4	4.0	4.2	4.6	4.7	2.0	2.4	3.2

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply to the basin or State.

Summary Table 10 (Part 2 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

	Item (For definitions and explanations, see text)	South Pacific Coast (II)—Continued					Great Basin (III)				
		Central Valley				Santa Maria River and Basins South (II-G)	Total	Northwest Great Basin and Humboldt River (III-A and III-B)	South Central Great Basin (III-C)	Bonneville Basin excluding Bear River (III-D)	Bear River (III-E)
		Total	Sacramento-San Joaquin Delta area and Sacramento River (II-C and II-D)	San Joaquin River (II-E)	San Joaquin Valley above San Joaquin River (II-F)						
	TYPE OF SERVICE, 1959										
1	All water directly from surface and ground water sources.....organizations...	266	116	28	128	510	934	42	70	547	277
2	Total water conveyed.....acre-feet...	9,031,242	4,686,476	4,511,818	2,487,560	738,930	4,433,946	215,512	1,212,108	1,830,402	1,182,214
3	Water delivered.....acre-feet...	7,563,434	2,750,420	2,841,138	1,971,876	636,177	3,514,061	176,864	746,601	1,559,913	1,030,683
4	To farm and residential users only.....organizations...	243	106	23	115	488	895	42	69	519	267
5	acre-feet...	8,300,544	6,829,694	896,418	574,432	284,129	2,432,180	176,864	548,420	1,089,116	617,780
6	To farm and residential users and other irrigation organizations.....organizations...	19	7	4	11	17	33	...	1	24	8
7	Water to farm and residential users.....acre-feet...	1,251,581	269,516	597,883	384,182	36,283	415,073	...	27,714	183,139	204,220
8	Water to other irrigation organizations.....acre-feet...	1,448,676	79,605	1,148,815	220,256	23,613	534,013	...	170,467	171,403	192,143
9	To other irrigation organizations only.....organizations...	5	3	1	2	4	5	...	...	3	2
10	acre-feet...	1,562,633	571,605	198,022	793,006	292,152	132,795	...	...	116,255	16,540
11	Part of water from other organizations.....organizations...	44	17	11	18	70	73	...	2	65	6
12	Total water conveyed.....acre-feet ..	4,069,809	1,986,886	1,350,510	762,813	1,099,947	849,715	...	434,142	392,870	22,703
13	From surface and ground water sources.....acre-feet...	1,796,419	1,210,748	312,786	272,885	632,719	664,260	...	434,142	222,833	7,285
14	From other irrigation organizations.....acre-feet...	2,303,790	776,138	1,037,724	489,928	467,228	185,490	...	...	170,037	15,453
15	Water delivered.....acre-feet...	3,142,147	1,502,236	1,063,579	576,332	989,153	447,443	...	107,088	329,464	10,891
16	To farm and residential users only.....organizations...	38	12	10	17	47	62	...	...	56	6
17	acre-feet...	2,469,997	1,034,862	979,969	455,166	229,650	183,187	...	...	172,296	10,891
18	To farm and residential users and other irrigation organizations.....organizations...	6	5	1	1	22	10	...	2	8	...
19	Water to farm and residential users.....acre-feet...	488,420	291,574	76,590	120,256	659,958	190,988	...	102,104	88,884	...
20	Water to other irrigation organizations.....acre-feet...	183,730	175,800	7,020	910	89,841	56,080	...	4,984	51,096	...
21	To other irrigation organizations only.....organizations...	...	...	...	...	1	1	...	...	1	...
22	acre-feet...	...	...	...	...	9,704	17,188	...	...	17,188	...
23	All of water from other organizations.....organizations...	46	6	21	19	48	151	...	27	61	63
24	Total water conveyed.....acre-feet...	903,530	54,849	324,437	524,244	235,713	611,712	...	193,055	174,089	244,568
25	Water delivered.....acre-feet...	798,775	43,225	271,098	484,452	230,083	557,675	...	182,350	170,523	204,802
26	To farm and residential users only.....organizations...	45	5	21	19	32	143	...	26	57	60
27	acre-feet...	794,798	39,248	271,098	484,452	43,461	456,670	...	164,746	159,133	132,791
28	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	9	5	...	...	2	3
29	Water to farm residential users.....acre-feet...	...	...	...	...	20,091	23,891	...	...	3,206	20,685
30	Water to other irrigation organizations.....acre-feet...	...	...	...	...	11,893	53,958	...	...	2,632	51,326
31	To other irrigation organizations only.....organizations...	1	1	...	...	7	3	...	1	2	...
32	acre-feet...	3,977	3,977	...	...	154,638	5,552	...	...	5,552	...
33	No water conveyed.....organizations...	5	4	...	1	1	8	...	3	5	...
	WATER FROM OTHER SOURCES										
34	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	245	120	36	93	528	1,002	39	95	560	310
35	acres served...	2,507,194	1,017,062	1,162,036	659,613	410,680	1,472,588	107,752	314,495	632,509	389,700
36	acres irrigated...	2,060,488	753,607	989,673	622,644	253,040	1,212,483	79,429	273,027	540,301	358,458
37	Water delivered to farms.....acre-feet...	6,090,012	3,112,504	2,890,881	784,247	578,530	3,332,942	169,857	857,302	1,547,072	912,760
38	acre-feet per acre...	3.0	4.1	2.9	1.3	2.3	2.7	2.1	3.1	2.9	2.5
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	106	15	23	70	87	143	3	3	103	34
40	acres served...	1,264,886	116,422	146,494	1,034,026	340,549	206,161	3,507	9,506	149,432	43,716
41	acres irrigated...	1,055,518	112,274	133,175	841,753	82,866	161,625	3,007	9,506	107,793	41,319
42	Water delivered to farms.....acre-feet...	2,172,038	465,809	468,635	1,354,100	159,622	285,534	7,057	20,076	194,759	63,642
43	acre-feet per acre...	2.0	4.1	3.5	1.6	1.9	1.8	2.3	2.1	1.8	1.5

Summary Table 10 (Part 2 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

	Item (For definitions and explanations, see text)	Gulf of California (IV)							
				Colorado River					
						Colorado River above Lees Ferry			
		Total	Gila River excluding Colorado River (IV-A and IV-C)	Total	Below Lees Ferry excluding Gila River (IV-B)	Total	Excluding Green and Gunnison Rivers (IV-D)	Green River (IV-E)	Gunnison River (IV-F)
	TYPE OF SERVICE, 1959								
1	All water directly from surface and ground water sources.....organizations...	1,291	97	1,194	94	1,100	512	257	332
2	Total water conveyed.....acre-feet...	15,078,802	2,136,785	12,942,017	8,060,187	4,881,830	2,360,037	1,391,913	1,131,172
3	Water delivered.....acre-feet...	12,591,135	1,534,915	11,056,220	7,350,589	3,705,631	1,666,331	1,101,842	937,458
4	To farm and residential users only.....organizations...	1,256	95	1,161	89	1,072	499	249	325
5	acre-feet...	3,895,212	583,733	3,311,479	686,526	2,624,953	1,153,002	949,917	522,034
6	To farm and residential users and other irrigation organizations.....organizations...	33	1	32	14	18	8	4	6
7	Water to farm and residential users.....acre-feet...	1,435,123	649,000	786,123	38,059	748,064	338,792	25,324	383,948
8	Water to other irrigation organizations.....acre-feet...	312,031	88,300	223,731	10,605	213,126	169,642	12,678	30,806
9	To other irrigation organizations only.....organizations...	9	1	8	2	6	5	...	1
10	acre-feet...	6,861,769	213,882	6,647,887	6,618,399	29,488	4,895	23,923	670
11	Part of water from other organizations.....organizations...	58	5	53	6	47	30	5	12
12	Total water conveyed.....acre-feet...	6,080,339	280,408	5,799,931	5,267,480	532,451	146,479	364,545	21,427
13	From surface and ground water sources.....acre-feet...	[1]-1,895,771	199,408	2,095,179	[1]-2,200,415	407,015	46,907	343,978	16,130
14	From other irrigation organizations.....acre-feet...	7,976,110	81,000	7,895,110	7,769,674	125,436	99,572	20,567	5,297
15	Water delivered.....acre-feet...	5,069,628	230,152	4,839,476	4,367,368	472,108	96,787	356,669	18,652
16	To farm and residential users only.....organizations...	52	5	47	4	43	29	4	10
17	acre-feet...	525,660	230,152	295,508	100,419	195.089	96,787	88,228	10,074
18	To farm and residential users and other irrigation organizations.....organizations...	6	...	6	2	4	1	1	2
19	Water to farm and residential users.....acre-feet...	2,703,409	...	2,703,409	2,484,078	219,331	...	213,163	6,168
20	Water to other irrigation organizations.....acre-feet...	1,840,559	...	1,840,559	1,782,871	57,688	...	55,278	2,410
21	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...	...
22	acre-feet...	...	...	...	...	...	...	...	...
23	All of water from other organizations.....organizations...	39	3	36	9	27	14	5	8
24	Total water conveyed.....acre-feet...	1,385,913	221,182	1,164,731	979,839	184,892	78,485	71,312	35,095
25	Water delivered.....acre-feet...	1,174,454	137,688	1,036,766	882,166	154,600	61,158	60,496	32,946
26	To farm and residential users only.....organizations...	36	3	33	8	25	13	5	7
27	acre-feet...	938,972	137,688	801,284	681,853	119,431	32,990	60,496	25,945
28	To farm and residential users and other irrigation organizations.....organizations...	3	...	3	1	2	1	...	1
29	Water to farm residential users.....acre-feet...	184,297	...	184,297	159,154	25,143	24,648	...	495
30	Water to other irrigation organizations.....acre-feet...	51,185	...	51,185	41,159	10,026	3,520	...	6,506
31	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...	...
32	acre-feet...	...	...	...	...	...	...	...	...
33	No water conveyed.....organizations...	13	...	13	...	13	5	1	7
	WATER FROM OTHER SOURCES								
34	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	1,191	74	1,117	105	1,012	497	237	278
35	acres served...	2,090,620	160,020	1,930,600	788,036	1,142,564	529,641	373,813	239,110
36	acres irrigated...	1,845,449	124,262	1,721,187	736,834	984,353	441,238	328,565	214,550
37	Water delivered to farms.....acre-feet...	7,611,292	469,924	7,141,368	3,784,596	3,356,772	1,410,592	1,053,160	893,020
38	acre-feet per acre...	4.1	3.8	4.1	5.1	3.4	3.2	3.2	4.2
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	185	30	155	3	152	54	26	73
40	acres served...	724,649	372,719	351,930	78,807	273,123	90,651	151,608	34,364
41	acres irrigated...	1,130,552	340,072	790,480	526,797	263,683	94,103	149,729	23,351
42	Water delivered to farms.....acre-feet...	2,007,143	1,063,384	943,759	321,642	622,117	192,471	378,708	52,257
43	acre-feet per acre...	1.8	3.1	1.2	0.6	2.3	2.0	2.5	2.2

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply to the basin or State.

Summary Table 10 (Part 2 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

	Item (For definitions and explanations, see text)	Gulf of Mexico excluding Mississippi River (V)					Mississippi River (VI)	
				Rio Grande River				
		Total	Mermentau River excluding Rio Grande River (V-A and V-D)	Total	Below Fort Quitman, Texas (V-B)	Above Fort Quitman, Texas (V-C)	Total	Arkansas River (VI-A and VI-B)
	TYPE OF SERVICE, 1959							
1	All water directly from surface and ground water sources.....organizations...	773	252	521	87	434	1,882	345
2	Total water conveyed.....acre-feet...	4,892,947	1,860,830	3,032,117	1,205,194	1,826,923	14,204,429	1,538,063
3	Water delivered.....acre-feet...	3,698,059	1,534,893	2,163,166	883,091	1,280,175	10,611,001	1,213,266
4	To farm and residential users only.....organizations...	746	251	495	79	416	1,776	329
5	acre-feet...	2,916,087	1,394,328	1,521,759	569,912	951,847	7,190,173	774,143
6	To farm and residential users and other irrigation organizations.....organizations...	25	1	24	7	17	87	15
7	Water to farm and residential users.....acre-feet...	590,456	128,565	461,891	223,951	237,940	1,762,561	230,669
8	Water to other irrigation organizations.....acre-feet...	134,595	12,000	122,595	53,401	69,194	1,160,231	153,160
9	To other irrigation organizations only.....organizations...	2	...	2	1	1	14	1
10	acre-feet...	56,921	...	56,921	35,827	21,094	497,936	55,294
11	Part of water from other organizations.....organizations...	20	...	20	9	11	87	7
12	Total water conveyed.....acre-feet ..	131,233	...	131,233	65,985	65,248	1,267,515	206,425
13	From surface and ground water sources.....acre-feet...	66,111	...	66,111	55,856	10,255	432,020	126,711
14	From other irrigation organizations.....acre-feet...	65,122	...	65,122	10,129	54,993	848,540	79,714
15	Water delivered.....acre-feet...	102,003	...	102,003	53,024	48,979	1,304,523	156,148
16	To farm and residential users only.....organizations...	18	...	18	7	11	74	16
17	acre-feet...	62,774	...	62,774	13,795	48,979	424,874	32,489
18	To farm and residential users and other irrigation organizations.....organizations...	2	...	2	2	...	22	3
19	Water to farm and residential users.....acre-feet...	38,893	...	38,893	38,893	...	554,046	69,909
20	Water to other irrigation organizations.....acre-feet...	336	...	336	336	...	296,927	53,750
21	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
22	acre-feet...	...	...	...	...	...	28,676	...
23	All of water from other organizations.....organizations...	29	2	28	11	17	230	44
24	Total water conveyed.....acre-feet...	126,830	13,045	114,830	79,435	35,395	1,222,136	182,490
25	Water delivered.....acre-feet...	99,119	12,611	86,508	57,472	29,036	985,091	163,203
26	To farm and residential users only.....organizations...	29	2	28	11	17	215	44
27	acre-feet...	99,119	12,611	86,508	57,472	29,036	863,356	163,203
28	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	15	...
29	Water to farm residential users.....acre-feet...	...	...	...	...	...	65,976	...
30	Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	55,759	...
31	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
32	acre-feet...	...	...	...	...	...	...	...
33	No water conveyed.....organizations...	4	...	4	1	3	29	2
	WATER FROM OTHER SOURCES							
34	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	741	252	490	96	394	1,767	368
35	acres served...	2,201,659	824,797	1,383,382	688,872	697,510	4,086,292	575,313
36	acres irrigated...	1,564,726	459,348	1,109,557	544,371	565,186	3,509,388	497,800
37	Water delivered to farms.....acre-feet...	3,219,303	1,449,412	1,772,715	731,315	1,041,400	8,468,300	1,018,344
38	acre-feet per acre...	2.1	3.2	1.6	1.3	1.8	2.4	2.0
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	79	2	77	10	67	405	27
40	acres served...	375,863	37,500	338,363	110,235	228,128	1,068,195	106,709
41	acres irrigated...	227,794	8,435	219,359	94,303	125,056	988,172	93,523
42	Water delivered to farms.....acre-feet...	402,734	61,594	341,142	166,209	174,933	2,044,203	247,196
43	acre-feet per acre...	1.8	7.3	1.5	1.8	1.4	2.1	2.6

Summary Table 10 (Part 2 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

	Item (For definitions and explanations, see text)	Mississippi River (VI)—Continued									Hudson Bay (Red River of the North) (VII)
		Missouri River									
		Total	Below Three Forks, Montana excluding Platte and Yellowstone Rivers (VI-C)	Platte River			Yellowstone River			Headwaters above Three Forks, Montana (VI-H)	
				Total	Excluding South Platte River (VI-D)	South Platte River above Gaging Station near Paxton (VI-E)	Total	Excluding Big Horn River (VI-F)	Big Horn River (VI-G)		
	TYPE OF SERVICE, 1959										
1	All water directly from surface and ground water sources.....organizations...	1,537	189	462	227	235	599	395	204	287	2
2	Total water conveyed.....acre-feet...	12,666,366	1,536,314	4,713,921	2,755,578	1,958,343	4,863,439	2,255,753	2,607,686	1,552,692	(D)
3	Water delivered.....acre-feet...	9,397,735	1,111,149	3,364,530	1,788,299	1,576,231	3,746,447	1,738,297	2,008,150	1,175,609	(D)
4	To farm and residential users only.....organizations...	1,447	183	414	219	195	571	380	191	279	2
5	acre-feet...	6,416,030	956,261	1,723,935	1,127,701	596,234	2,672,099	1,299,411	1,372,688	1,063,735	(D)
6	To farm and residential users and other irrigation organizations.....organizations...	72	6	38	5	33	20	9	11	8	...
7	Water to farm and residential users.....acre-feet...	1,531,892	61,273	728,794	387,364	341,430	715,754	327,526	388,228	26,071	...
8	Water to other irrigation organizations.....acre-feet...	1,007,071	93,615	497,498	262,856	234,642	330,155	103,635	226,520	85,803	...
9	To other irrigation organizations only.....organizations...	13	...	8	1	7	5	4	1	...	...
10	acre-feet...	442,642	...	414,303	10,378	403,925	28,339	7,625	20,714	...	...
11	Part of water from other organizations.....organizations...	80	5	47	4	43	22	9	13	6	...
12	Total water conveyed.....acre-feet ..	1,061,090	50,465	743,719	44,975	698,744	247,099	77,854	169,245	19,807	...
13	From surface and ground water sources.....acre-feet...	305,309	17,938	241,660	27,389	214,271	31,576	51,906	[1]-20,330	14,135	...
14	From other irrigation organizations.....acre-feet...	768,826	63,574	481,883	17,586	464,297	217,697	28,238	189,459	5,672	...
15	Water delivered.....acre-feet...	1,148,375	34,736	924,501	316,936	607,565	173,691	62,551	111,140	15,447	...
16	To farm and residential users only.....organizations...	58	5	28	3	25	20	7	13	5	...
17	acre-feet...	392,385	34,736	186,108	36,917	149,191	163,294	52,154	111,140	8,247	...
18	To farm and residential users and other irrigation organizations.....organizations...	19	...	16	1	15	2	2	...	1	...
19	Water to farm and residential users.....acre-feet...	484,137	...	476,560	280,019	196,541	4,277	4,277	...	3,300	...
20	Water to other irrigation organizations.....acre-feet...	243,177	...	233,157	...	233,157	6,120	6,120	...	3,900	...
21	To other irrigation organizations only.....organizations...	...	...	2	...	2	...	...	...	...	...
22	acre-feet...	28,676	...	28,676	...	28,676	...	...	...	...	...
23	All of water from other organizations.....organizations...	186	3	157	29	128	16	10	6	10	...
24	Total water conveyed.....acre-feet...	1,039,646	61,088	747,510	255,648	491,862	147,017	89,142	57,875	84,031	...
25	Water delivered.....acre-feet...	821,888	44,517	601,539	166,768	434,771	118,992	72,428	46,564	56,840	...
26	To farm and residential users only.....organizations...	171	3	142	29	113	16	10	6	10	...
27	acre-feet...	700,153	44,517	479,804	166,768	313,036	118,992	72,428	46,564	56,840	...
28	To farm and residential users and other irrigation organizations.....organizations...	15	...	15	...	15	...	...	...	...	...
29	Water to farm residential users.....acre-feet...	65,976	...	65,976	...	65,976	...	...	...	...	...
30	Water to other irrigation organizations.....acre-feet...	55,759	...	55,759	...	55,759	...	...	...	...	...
31	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...	...	...	...
32	acre-feet...	...	...	...	...	...	...	...	...	...	...
33	No water conveyed.....organizations...	27	8	8	3	7	9	8	1	2	...
	WATER FROM OTHER SOURCES										
34	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	1,399	172	443	242	201	595	381	214	189	2
35	acres served...	2,265,801	711,678	1,554,123	1,058,280	495,843	1,070,586	534,401	536,185	174,592	(D)
36	acres irrigated...	3,011,588	538,072	1,361,341	906,804	454,537	963,861	478,823	485,038	148,314	(D)
37	Water delivered to farms.....acre-feet...	3,328,897	982,915	2,345,982	1,606,938	739,044	3,477,324	1,574,844	1,902,480	643,735	(D)
38	acre-feet per acre...	1.1	1.8	1.7	1.8	1.6	3.6	3.3	3.9	4.3	0.8
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	381	23	208	14	194	34	27	7	113	...
40	acres served...	776,244	54,594	721,650	58,963	662,687	46,857	38,431	8,426	138,385	...
41	acres irrigated...	741,432	39,704	701,728	78,933	622,795	36,398	32,231	4,167	116,819	...
42	Water delivered to farms.....acre-feet...	1,116,733	106,628	1,010,105	110,196	899,909	171,456	161,107	10,349	508,818	...
43	acre-feet per acre...	1.5	2.7	1.4	1.4	1.4	4.7	5.0	2.5	4.3	...

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply to the basin or State.

Summary Table 10 (Part 3 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	18 States, total	North Pacific Coast (I)					
			Total	Excluding Columbia River (I-A)	Columbia River			
					Total	Below Snake River (I-B)	Above Snake River excluding Yakima River (I-C)	Yakima River (I-D)
	WATER DELIVERED PER ACRE							
	Organizations reporting NO water from other sources used on same land:							
1	0.1 to 0.9 acre-feet per acre.....organizations...	468	59	8	51	2	11	4
2	acres irrigated...	1,262,270	33,295	780	32,515	460	3,530	1,500
3	1.0 to 1.9 acre-feet per acre.....organizations...	1,543	212	19	193	20	47	7
4	acres irrigated...	3,179,906	254,569	2,391	252,178	18,440	115,543	7,365
5	2.0 to 2.9 acre-feet per acre.....organizations...	1,681	308	24	284	31	69	13
6	acres irrigated...	2,639,526	221,760	27,362	194,398	12,407	45,882	13,004
7	3.0 to 3.9 acre-feet per acre.....organizations...	1,307	306	30	276	43	83	14
8	acres irrigated...	2,111,608	42.190	9,505	452,985	23,826	61,198	113,100
9	4.0 to 4.9 acre-feet per acre.....organizations...	829	295	14	281	49	64	19
10	acres irrigated...	2,040,144	1,147,960	6,038	1,141,922	67,713	322,213	107,264
11	5.0 to 5.9 acre-feet per acre.....organizations...	511	177	7	170	18	32	15
12	acres irrigated...	1,444,832	451,710	5,394	446,486	10,689	10,343	3,989
13	6.0 to 6.9 acre-feet per acre.....organizations...	332	128	5	123	11	19	6
14	acres irrigated...	654,422	391,471	8,222	383,372	8,927	17,884	126,765
15	7.0 to 7.9 acre-feet per acre.....organizations...	222	93	3	90	10	18	9
16	acres irrigated...	211,791	95,237	2,708	92,619	3,388	6,176	1,711
17	8.0 to 9.9 acre-feet per acre.....organizations...	256	119	7	112	22	19	10
18	acres irrigated...	266,046	124,221	5,504	118,717	10,167	4,463	3,948
19	10.0 or more acre-feet per acre.....organizations...	152	59	...	59	8	3	1
20	acres irrigated...	93,024	54,626	...	54,626	1,236	750	300
	SIZE OF ORGANIZATION							
	Size of organization (number of farm irrigation water users served directly):							
21	None.....organizations...	164	26	...	26	2	4	3
22	1 to 3.....organizations...	2,811	697	44	653	84	211	43
23	water users...	6,672	1,653	111	1,542	206	488	105
24	4 to 9.....organizations...	2,459	639	41	598	75	115	25
25	water users...	14,002	3,671	235	3,426	430	654	134
26	10 to 29.....organizations...	1,754	385	21	364	46	59	20
27	water users...	28,311	6,167	393	5,774	790	878	295
28	30 to 99.....organizations...	972	188	7	181	24	43	11
29	water users...	50,993	9,975	366	9,609	1,401	2,118	626
30	100 to 299.....organizations...	369	64	5	59	7	15	9
31	water users...	60,896	10,968	984	9,984	1,295	2,859	1,292
32	300 to 999.....organizations...	168	38	2	36	6	8	6
33	water users...	81,392	21,067	975	20,092	3,428	4,270	3,158
34	1,000 or more.....organizations...	52	19	1	18	...	5	4
35	water users...	141,388	38,327	2,332	35,995	...	8,077	8,785
	Size of organization (acre-feet of water delivered directly to farms):							
36	None.....organizations...	164	26	...	26	2	4	3
37	1 to 299 acre-feet.....organizations...	1,982	430	43	387	70	129	17
38	acre-feet...	279,411	64,630	4,841	59,789	10,614	18,961	3,080
39	300 to 999 acre-feet.....organizations...	2,310	530	37	493	79	145	32
40	acre-feet...	1,348,478	317,595	21,327	296,268	45,819	84,755	16,865
41	1,000 to 2,999 acre-feet.....organizations...	2,046	473	19	454	51	108	34
42	acre-feet...	3,651,596	844,926	29,777	815,149	93,069	183,856	59,418
43	3,000 to 9,999 acre-feet.....organizations...	1,406	369	11	358	24	55	20
44	acre-feet...	7,577,594	1,994,216	50,492	1,943,924	133,319	291,362	113,051
45	10,000 to 29,999 acre-feet.....organizations...	546	143	10	133	11	13	6
46	acre-feet...	9,065,371	2,433,914	145,813	2,288,101	205,834	192,981	92,321
47	30,000 to 99,999 acre-feet.....organizations...	216	57	1	56	5	5	5
48	acre-feet...	10,659,341	2,897,781	46,651	2,851,130	218,955	329,839	234,621
49	100,000 or more acre-feet.....organizations...	79	28	...	28	2	1	4
50	acre-feet...	21,946,756	8,963,142	...	8,963,142	353,937	1,060,000	1,571,344
	Size of organization (acre-feet of water conveyed):							
51	None.....organizations...	80	15	...	15	2	2	2
52	1 to 299 acre-feet.....organizations...	1,707	358	38	320	62	106	13
53	acre-feet...	249,223	55,113	4,103	51,010	9,388	15,486	2,458
54	300 to 999 acre-feet.....organizations...	2,197	509	35	474	81	143	30
55	acre-feet...	1,294,557	298,442	19,776	278,666	46,403	84,616	17,617
56	1,000 to 2,999 acre-feet.....organizations...	2,059	473	26	447	47	116	32
57	acre-feet...	3,777,792	832,205	44,411	787,794	79,683	197,658	61,829
58	3,000 to 9,999 acre-feet.....organizations...	1,597	403	11	392	30	65	23
59	acre-feet...	8,634,680	2,124,572	57,807	2,066,765	153,473	355,180	114,611
60	10,000 to 29,999 acre-feet.....organizations...	681	178	8	170	12	18	11
61	acre-feet...	11,400,356	2,924,685	130,530	2,794,155	217,013	265,705	149,862
62	30,000 to 99,999 acre-feet.....organizations...	296	80	3	77	8	9	6
63	acre-feet...	16,003,825	3,979,722	125,398	3,854,324	425,507	528,916	336,950
64	100,000 or more acre-feet.....organizations...	132	40	...	40	2	2	4
65	acre-feet...	50,944,217	14,054,166	...	14,054,166	518,509	1,809,972	1,934,769

Summary Table 10 (Part 3 of 3).–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

	Item (For definitions and explanations, see text)	North Pacific Coast (I)—Continued					South Pacific Coast (II)		
		Columbia River—Continued							
		Snake River							
		Total	Below Weiser, Idaho (I-E)	Weiser, Idaho to King Hill, Idaho (I-F)	King Hill, Idaho to American Falls (I-G)	Above American Falls (I-H)	Total	Klamath River (II-A)	Klamath River to Santa Maria River excluding Central Valley (II-B)
	WATER DELIVERED PER ACRE								
	Organizations reporting NO water from other sources used on same land:								
1	0.1 to 0.9 acre-feet per acre.....organizations...	34	13	4	3	14	52	1	6
2	acres irrigated...	27,025	12,856	2,557	6,570	5,042	319,200	500	560
3	1.0 to 1.9 acre-feet per acre.....organizations...	119	44	20	17	38	178	4	8
4	acres irrigated...	110,830	24,603	30,820	22,591	32,816	505,634	18,736	11,278
5	2.0 to 2.9 acre-feet per acre.....organizations...	171	72	37	18	44	223	23	7
6	acres irrigated...	123,105	42,238	18,047	18,742	44,078	688,251	155,133	12,309
7	3.0 to 3.9 acre-feet per acre.....organizations...	138	59	28	17	34	177	23	2
8	acres irrigated...	255,294	39,984	35,100	97,695	82,515	611,133	102,989	115
9	4.0 to 4.9 acre-feet per acre.....organizations...	150	58	43	12	40	103	1	2
10	acres irrigated...	653,823	93,904	326,230	361,409	85,124	222,206	1,480	3,141
11	5.0 to 5.9 acre-feet per acre.....organizations...	105	24	35	8	40	47	1	1
12	acres irrigated...	421,295	19,819	335,272	205,362	63,142	107,562	1,460	94
13	6.0 to 6.9 acre-feet per acre.....organizations...	87	20	27	4	36	26	...	1
14	acres irrigated...	229,673	6,603	66,748	1,595	154,727	96,941	...	305
15	7.0 to 7.9 acre-feet per acre.....organizations...	51	12	19	2	18	23	...	...
16	acres irrigated...	81,254	5,334	20,371	335	55,214	39,090	...	...
17	8.0 to 9.9 acre-feet per acre.....organizations...	61	12	9	7	33	18	1	1
18	acres irrigated...	100,139	4,370	8,235	4,315	83,219	25,209	32	145
19	10.0 or more acre-feet per acre.....organizations...	47	5	...	9	33	6	...	...
20	acres irrigated...	52,340	1,950	...	2,854	47,536	1,879	...	...
	SIZE OF ORGANIZATION								
	Size of organization (number of farm irrigation water users served directly):								
21	None.....organizations...	17	3	7	2	5	32	1	5
22	1 to 3.....organizations...	315	131	64	36	84	232	14	6
23	water users...	743	313	150	85	195	549	35	15
24	4 to 9.....organizations...	383	164	78	37	104	284	15	14
25	water users...	2,218	925	467	211	615	1,618	70	90
26	10 to 29.....organizations...	239	63	59	19	100	247	11	6
27	water users...	3,811	1,005	942	326	1,580	3,998	176	101
28	30 to 99.....organizations...	103	11	29	6	57	153	15	4
29	water users...	5,464	461	1,497	389	3,117	7,908	824	245
30	100 to 299.....organizations...	28	...	10	5	14	81	2	3
31	water users...	4,538	...	1,876	818	2,044	13,271	277	594
32	300 to 999.....organizations...	16	2	6	2	6	48	4	1
33	water users...	9,611	1,139	3,601	1,541	3,330	24,530	2,718	308
34	1,000 or more.....organizations...	9	1	6	4	1	14	...	...
35	water users...	19,133	1,132	15,908	7,351	1,000	60,233	...	...
	Size of organization (acre-feet of water delivered directly to farms):								
36	None.....organizations...	17	3	7	2	5	32	1	5
37	1 to 299 acre-feet.....organizations...	171	70	39	19	43	389	3	18
38	acre-feet...	27,134	11,313	6,275	3,333	6,213	47,319	557	1,775
39	300 to 999 acre-feet.....organizations...	237	107	44	27	59	247	10	6
40	acre-feet...	148,829	67,591	30,417	14,834	35,987	134,958	4,628	3,037
41	1,000 to 2,999 acre-feet.....organizations...	261	109	57	26	69	148	15	3
42	acre-feet...	478,806	200,985	108,072	45,516	124,233	268,121	28,779	4,862
43	3,000 to 9,999 acre-feet.....organizations...	259	71	65	18	107	122	15	1
44	acre-feet...	1,405,992	344,938	365,665	98,726	604,222	682,128	89,450	5,696
45	10,000 to 29,999 acre-feet.....organizations...	103	14	28	8	53	87	13	6
46	acre-feet...	1,796,965	218,982	485,616	154,674	937,693	1,540,353	211,176	82,479
47	30,000 to 99,999 acre-feet.....organizations...	41	...	10	5	27	45	3	...
48	acre-feet...	2,108,221	...	573,202	220,915	1,367,844	2,651,654	173,655	...
49	100,000 or more acre-feet.....organizations...	21	1	9	6	8	21	2	...
50	acre-feet...	5,977,861	266,653	3,560,055	2,735,676	1,363,480	4,524,182	295,670	...
	Size of organization (acre-feet of water conveyed):								
51	None.....organizations...	9	2	5	1	1	7	1	...
52	1 to 299 acre-feet.....organizations...	139	55	33	12	39	356	3	15
53	acre-feet...	23,678	8,953	5,669	1,964	7,092	45,008	621	1,517
54	300 to 999 acre-feet.....organizations...	220	103	38	30	49	230	9	6
55	acre-feet...	130,030	62,764	21,364	15,503	30,399	123,820	5,027	2,977
56	1,000 to 2,999 acre-feet.....organizations...	252	105	50	26	71	150	14	5
57	acre-feet...	448,624	188,466	94,825	45,057	120,276	268,068	29,589	8,046
58	3,000 to 9,999 acre-feet.....organizations...	274	89	70	18	98	152	15	4
59	acre-feet...	1,443,501	445,008	359,180	95,582	547,555	878,655	89,893	27,149
60	10,000 to 29,999 acre-feet.....organizations...	129	18	36	11	64	101	13	7
61	acre-feet...	2,161,575	278,713	597,544	174,481	1,110,837	1,710,549	188,370	83,471
62	30,000 to 99,999 acre-feet.....organizations...	55	2	15	6	34	53	4	2
63	acre-feet...	2,633,094	76,947	664,505	312,576	1,676,583	2,868,920	201,698	120,229
64	100,000 or more acre-feet.....organizations...	32	1	12	7	15	41	3	...
65	acre-feet...	9,790,916	498,271	4,431,391	4,350,567	3,464,165	11,741,178	707,170	...

Summary Table 10 (Part 3 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

	Item (For definitions and explanations, see text)	South Pacific Coast (II)—Continued					Great Basin (III)				
		Central Valley									
		Total	Sacramento-San Joaquin Delta area, and Sacramento River (II-C and II-D)	San Joaquin River (II-E)	San Joaquin Valley above San Joaquin River (II-F)	Santa Maria River and Basins South (II-G)	Total	Northwest Great Basin and Humboldt River (III-A and III-B)	South Central (III-C)	Bonneville Basin excluding Bear River (III-D)	Bear River (III-E)
	WATER DELIVERED PER ACRE										
	Organizations reporting NO water from other sources used on same land:										
1	0.1 to 0.9 acre-feet per acre.....organizations...	5	...	...	5	40	59	6	2	35	16
2	acres irrigated...	287,214	...	...	287,214	30,926	73,011	7,973	630	32,558	31,850
3	1.0 to 1.9 acre-feet per acre.....organizations...	35	15	6	15	132	214	16	12	105	81
4	acres irrigated...	406,458	66,365	249,722	265,371	73,862	273,851	15,824	29,524	128,984	99,519
5	2.0 to 2.9 acre-feet per acre.....organizations...	55	32	9	15	138	283	12	29	143	99
6	acres irrigated...	417,391	186,709	274,533	14,869	103,418	406,420	43,432	92,805	152,947	117,236
7	3.0 to 3.9 acre-feet per acre.....organizations...	60	24	13	26	92	226	5	30	120	72
8	acres irrigated...	480,389	161,692	345,882	44,531	27,640	272,176	12,200	132,394	85,026	47,856
9	4.0 to 4.9 acre-feet per acre.....organizations...	34	16	4	14	66	103	...	12	73	19
10	acres irrigated...	204,552	82,931	116,371	5,250	13,033	109,302	...	7,923	94,060	40,751
11	5.0 to 5.9 acre-feet per acre.....organizations...	23	11	2	10	22	49	...	6	31	12
12	acres irrigated...	104,095	97,754	2,375	3,966	1,913	30,939	...	7,044	15,874	8,021
13	6.0 to 6.9 acre-feet per acre.....organizations...	7	4	...	3	18	36	...	3	29	4
14	acres irrigated...	95,699	95,468	...	231	937	18,866	...	1,375	16,109	1,382
15	7.0 to 7.9 acre-feet per acre.....organizations...	12	9	1	2	11	13	...	...	8	5
16	acres irrigated...	38,567	37,721	250	596	523	12,377	...	...	1,267	11,110
17	8.0 to 9.9 acre-feet per acre.....organizations...	10	7	...	3	6	13	...	...	11	2
18	acres irrigated...	24,517	23,901	...	616	515	12,915	...	...	12,182	733
19	10.0 or more acre-feet per acre.....organizations...	3	2	1	...	3	6	...	1	5	...
20	acres irrigated...	1,606	1,066	540	...	273	2,626	...	1,332	1,294	...
	SIZE OF ORGANIZATION										
	Size of organization (number of farm irrigation water users served directly):										
21	None.....organizations...	12	9	1	3	14	21	...	5	14	2
22	1 to 3.....organizations...	56	17	12	27	156	214	15	23	95	81
23	water users...	132	43	30	59	367	508	36	52	231	189
24	4 to 9.....organizations...	79	32	10	39	176	336	20	41	187	88
25	water users...	461	182	64	229	997	1,959	98	244	1,119	498
26	10 to 29.....organizations...	81	29	12	41	149	318	5	18	185	111
27	water users...	1,385	441	218	726	2,336	5,322	75	318	3,104	1,839
28	30 to 99.....organizations...	56	19	7	30	78	173	1	10	120	42
29	water users...	2,755	1,014	301	1,440	4,084	9,075	40	593	6,317	2,125
30	100 to 299.....organizations...	38	21	6	13	37	76	1	3	56	16
31	water users...	6,671	3,378	1,051	2,492	6,020	12,711	114	303	9,667	2,627
32	300 to 999.....organizations...	27	12	5	10	16	27	...	1	21	6
33	water users...	13,249	5,950	2,167	5,132	8,255	13,618	...	952	10,398	3,062
34	1,000 or more.....organizations...	11	4	7	3	3	1	...	1	...	...
35	water users...	54,514	7,693	43,705	32,365	5,719	1,404	...	1,404	...	...
	Size of organization (acre-feet of water delivered directly to farms):										
36	None.....organizations...	12	9	1	3	14	21	...	5	14	2
37	1 to 299 acre-feet.....organizations...	39	3	6	30	329	221	4	8	156	53
38	acre-feet...	4,178	496	606	3,076	40,809	33,017	477	1,129	22,215	9,196
39	300 to 999 acre-feet.....organizations...	51	13	2	36	180	346	14	16	210	106
40	acre-feet...	31,351	9,075	1,158	21,118	95,942	207,342	8,409	11,574	118,541	68,818
41	1,000 to 2,999 acre-feet.....organizations...	62	27	5	30	68	313	14	28	168	103
42	acre-feet...	112,935	46,107	9,842	56,986	121,545	541,537	23,572	51,389	296,787	169,789
43	3,000 to 9,999 acre-feet.....organizations...	80	33	17	30	26	203	7	32	96	68
44	acre-feet...	448,299	182,045	95,505	170,749	144,379	1,083,542	32,693	202,606	513,581	334,662
45	10,000 to 29,999 acre-feet.....organizations...	57	28	11	20	11	48	2	10	27	10
46	acre-feet...	1,030,782	483,398	191,979	381,545	215,916	767,301	40,500	156,680	435,735	150,886
47	30,000 to 99,999 acre-feet.....organizations...	42	22	10	12	...	11	...	1	6	3
48	acre-feet...	2,477,999	1,321,572	570,994	701,939	...	375,047	...	43,875	225,670	105,502
49	100,000 or more acre-feet.....organizations...	18	8	8	5	1	3	1	2	1	1
50	acre-feet...	4,108,951	1,535,620	2,450,787	794,024	119,561	1,175,486	712,000	325,937	137,549	137,549
	Size of organization (acre-feet of water conveyed):										
51	None.....organizations...	5	4	...	1	1	9	...	3	6	...
52	1 to 299 acre-feet.....organizations...	38	3	6	29	300	170	4	5	120	41
53	acre-feet...	4,239	515	635	3,089	38,631	25,885	514	700	17,772	6,899
54	300 to 999 acre-feet.....organizations...	41	9	2	30	174	319	13	11	202	93
55	acre-feet...	24,542	5,923	1,258	17,361	91,274	190,839	9,017	6,962	116,567	58,293
56	1,000 to 2,999 acre-feet.....organizations...	56	22	5	29	75	341	14	32	180	115
57	acre-feet...	101,331	38,120	11,086	52,125	129,102	601,486	25,861	56,555	320,994	198,076
58	3,000 to 9,999 acre-feet.....organizations...	86	37	15	34	47	235	8	33	119	75
59	acre-feet...	494,564	216,115	89,598	188,851	267,049	1,288,405	40,120	206,477	633,459	408,349
60	10,000 to 29,999 acre-feet.....organizations...	58	30	11	17	23	65	2	14	35	15
61	acre-feet...	1,039,398	546,963	185,862	306,573	399,310	1,061,638	43,000	221,999	563,101	250,038
62	30,000 to 99,999 acre-feet.....organizations...	42	21	10	13	6	23	1	1	15	6
63	acre-feet...	2,334,693	1,228,364	644,540	595,776	280,969	1,219,578	97,000	48,750	775,988	297,840
64	100,000 or more acre-feet.....organizations...	35	17	11	13	3	4	...	3	1	1
65	acre-feet...	10,038,838	4,956,227	5,650,456	4,103,201	995,170	1,436,960	...	1,206,960	230,000	230,000

Summary Table 10 (Part 3 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

	Item (For definitions and explanations, see text)	Gulf of California (IV)							
				Colorado River					
						Colorado River above Lees Ferry			
		Total	Gila River excluding Colorado River (IV-A and IV-C)	Total	Below Lees Ferry excluding Gila River (IV-B)	Total	Excluding Green and Gunnison Rivers (IV-D)	Green River (IV-E)	Gunnison River (IV-F)
	WATER DELIVERED PER ACRE								
	Organizations reporting NO water from other sources used on same land:								
1	0.1 to 0.9 acre-feet per acre.....organizations...	89	6	83	6	77	45	9	23
2	acres irrigated...	65,962	3,319	62,643	3,126	59,517	37,045	5,313	17,159
3	1.0 to 1.9 acre-feet per acre.....organizations...	214	5	209	17	192	95	50	47
4	acres irrigated...	275,421	2,330	273,091	12,496	260,595	96,885	140,608	23,102
5	2.0 to 2.9 acre-feet per acre.....organizations...	224	13	211	15	196	105	44	47
6	acres irrigated...	270,742	54,174	216,568	10,465	206,103	109,619	67,926	28,558
7	3.0 to 3.9 acre-feet per acre.....organizations...	169	13	156	20	136	74	30	32
8	acres irrigated...	121,116	5,215	115,901	7,199	108,702	69,035	20,353	19,314
9	4.0 to 4.9 acre-feet per acre.....organizations...	142	14	128	19	109	56	31	22
10	acres irrigated...	265,554	37,396	228,158	51,593	176,565	68,586	20,501	87,478
11	5.0 to 5.9 acre-feet per acre.....organizations...	124	14	110	10	100	37	32	31
12	acres irrigated...	683,602	12,686	670,916	613,251	57,665	20,176	23,816	13,673
13	6.0 to 6.9 acre-feet per acre.....organizations...	70	1	69	4	65	27	22	16
14	acres irrigated...	57,000	200	56,800	7,418	49,382	13,604	32,206	3,572
15	7.0 to 7.9 acre-feet per acre.....organizations...	51	1	50	6	44	18	10	16
16	acres irrigated...	25,135	60	25,075	6,596	18,479	6,236	6,755	5,488
17	8.0 to 9.9 acre-feet per acre.....organizations...	59	3	56	5	51	22	7	22
18	acres irrigated...	61,243	6,710	54,533	21,435	33,098	11,525	10,697	10,876
19	10.0 or more acre-feet per acre.....organizations...	49	4	45	3	42	18	2	22
20	acres irrigated...	19,674	2,172	17,502	3,255	14,247	8,527	390	5,330
	SIZE OF ORGANIZATION								
	Size of organization (number of farm irrigation water users served directly):								
21	None.....organizations...	26	1	25	2	23	10	5	8
22	1 to 3.....organizations...	590	23	567	15	552	245	121	186
23	water users...	1,401	57	1,344	36	1,308	583	296	429
24	4 to 9.....organizations...	383	25	358	28	330	157	65	108
25	water users...	2,192	133	2,059	228	1,831	882	351	598
26	10 to 29.....organizations...	214	24	190	22	168	80	49	39
27	water users...	3,302	400	2,902	372	2,530	1,271	721	538
28	30 to 99.....organizations...	123	20	103	31	72	42	17	13
29	water users...	6,797	1,023	5,774	1,765	4,009	2,184	987	838
30	100 to 299.....organizations...	42	6	36	8	28	20	5	4
31	water users...	6,490	997	5,493	1,316	4,177	2,838	913	560
32	300 to 999.....organizations...	20	4	16	3	13	6	6	1
33	water users...	10,128	1,558	8,570	1,327	7,243	2,775	2,806	1,662
34	1,000 or more.....organizations...	4	2	2	1	1	1	...	...
35	water users...	11,801	5,158	6,643	5,643	1,000	1,000	...	...
	Size of organization (acre-feet of water delivered directly to farms):								
36	None.....organizations...	26	1	25	2	23	10	5	8
37	1 to 299 acre-feet.....organizations...	309	18	291	27	264	143	20	101
38	acre-feet...	40,574	1,883	38,691	4,084	34,607	19,803	3,608	11,196
39	300 to 999 acre-feet.....organizations...	392	28	364	25	339	159	75	105
40	acre-feet...	234,156	17,189	216,967	15,186	201,781	91,484	46,421	63,876
41	1,000 to 2,999 acre-feet.....organizations...	359	21	338	34	304	142	77	86
42	acre-feet...	662,104	36,967	625,137	64,938	560,199	261,659	142,968	156,891
43	3,000 to 9,999 acre-feet.....organizations...	208	16	192	9	183	75	59	49
44	acre-feet...	1,086,747	91,230	995,517	46,710	948,807	404,637	303,873	240,297
45	10,000 to 29,999 acre-feet.....organizations...	71	11	60	3	57	25	23	9
46	acre-feet...	1,081,816	183,195	898,621	62,180	836,441	408,687	303,271	124,483
47	30,000 to 99,999 acre-feet.....organizations...	25	7	18	3	15	7	8	...
48	acre-feet...	1,352,089	388,576	963,513	128,036	835,477	416,793	418,684	...
49	100,000 or more acre-feet.....organizations...	12	3	9	7	2	...	1	1
50	acre-feet...	5,167,519	814,268	4,353,251	3,791,674	561,577	...	213,043	348,534
	Size of organization (acre-feet of water conveyed):								
51	None.....organizations...	14	...	14	...	14	5	2	7
52	1 to 299 acre-feet.....organizations...	276	18	258	23	235	124	17	94
53	acre-feet...	38,595	2,378	36,217	3,864	32,353	18,448	3,355	10,550
54	300 to 999 acre-feet.....organizations...	379	22	357	23	334	168	67	99
55	acre-feet...	232,643	14,149	218,494	13,913	204,581	101,945	41,900	60,736
56	1,000 to 2,999 acre-feet.....organizations...	352	23	329	35	294	130	80	85
57	acre-feet...	652,151	41,396	610,755	62,805	547,950	244,716	149,971	154,816
58	3,000 to 9,999 acre-feet.....organizations...	238	16	222	12	210	84	65	61
59	acre-feet...	1,210,308	76,825	1,133,483	52,986	1,080,497	413,569	361,707	305,221
60	10,000 to 29,999 acre-feet.....organizations...	94	13	81	5	76	37	27	12
61	acre-feet...	1,456,465	184,738	1,271,727	75,641	1,196,086	585,038	414,850	196,198
62	30,000 to 99,999 acre-feet.....organizations...	30	8	22	3	19	10	9	...
63	acre-feet...	1,787,476	488,348	1,299,128	166,744	1,132,384	557,711	574,673	...
64	100,000 or more acre-feet.....organizations...	19	5	14	9	5	3	1	1
65	acre-feet...	17,022,918	1,830,541	15,192,377	13,634,815	1,557,562	828,687	268,441	460,434

Summary Table 10 (Part 3 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

	Item (For definitions and explanations, see text)	Gulf of Mexico excluding Mississippi River (V)					Mississippi River (VI)	
				Rio Grande River				
		Total	Mermentau River excluding Rio Grande (V-A and V-D)	Total	Below Fort Quitman (V-B)	Above Fort Quitman (V-C)	Total	Arkansas River excluding Mississippi River (VI-A and VI-B)
	WATER DELIVERED PER ACRE							
	Organizations reporting NO water from other sources used on same land:							
1	0.1 to 0.9 acre-feet per acre.....organizations...	73	10	63	9	54	137	43
2	acres irrigated...	325,064	30,933	294,131	97,610	196,521	457,987	71,691
3	1.0 to 1.9 acre-feet per acre.....organizations...	240	60	181	39	142	487	125
4	acres irrigated...	514,895	29,723	489,351	391,471	97,880	1,354,342	228,481
5	2.0 to 2.9 acre-feet per acre.....organizations...	238	103	135	22	113	409	74
6	acres irrigated...	307,456	129,165	178,291	48,197	130,094	811,693	122,919
7	3.0 to 3.9 acre-feet per acre.....organizations...	129	52	77	13	64	299	47
8	acres irrigated...	250,599	165,229	85,370	1,525	83,845	398,489	32,408
9	4.0 to 4.9 acre-feet per acre.....organizations...	32	16	16	6	10	155	25
10	acres irrigated...	116,437	63,112	53,325	1,620	51,705	179,360	18,543
11	5.0 to 5.9 acre-feet per acre.....organizations...	11	7	4	1	3	103	14
12	acres irrigated...	38,646	36,941	1,705	400	1,305	132,373	2,873
13	6.0 to 6.9 acre-feet per acre.....organizations...	6	1	5	2	3	66	15
14	acres irrigated...	7,804	3,845	3,959	2,623	1,336	82,340	13,479
15	7.0 to 7.9 acre-feet per acre.....organizations...	6	2	4	1	3	36	8
16	acres irrigated...	1,900	170	1,730	380	1,350	38,052	1,367
17	8.0 to 9.9 acre-feet per acre.....organizations...	3	...	3	1	2	46	10
18	acres irrigated...	1,450	...	1,450	300	1,150	41,008	3,415
19	10.0 or more acre-feet per acre.....organizations...	3	1	2	2	...	29	7
20	acres irrigated...	475	230	245	245	...	13,744	2,624
	SIZE OF ORGANIZATION							
	Size of organization (number of farm irrigation water users served directly):							
21	None.....organizations...	7	...	7	2	5	58	3
22	1 to 3.....organizations...	209	110	99	13	86	868	152
23	water users...	495	250	245	30	215	2,063	363
24	4 to 9.....organizations...	244	90	154	22	132	579	103
25	water users...	1,366	467	899	137	762	3,254	564
26	10 to 29.....organizations...	173	27	146	26	120	406	86
27	water users...	2,751	444	2,307	471	1,836	6,778	1,436
28	30 to 99.....organizations...	139	17	123	24	99	200	34
29	water users...	6,768	933	5,892	1,226	4,666	10,685	1,647
30	100 to 299.....organizations...	34	6	28	10	18	77	12
31	water users...	5,442	1,061	4,381	1,931	2,450	12,014	1,932
32	300 to 999.....organizations...	8	4	4	3	1	27	8
33	water users...	5,077	2,497	2,580	2,210	370	11,569	3,256
34	1,000 or more.....organizations...	12	...	12	8	4	2	...
35	water users...	26,599	...	26,599	15,751	10,838	3,027	...
	Size of organization (acre-feet of water delivered directly to farms):							
36	None.....organizations...	7	...	7	2	5	58	3
37	1 to 299 acre-feet.....organizations...	273	52	221	32	189	360	150
38	acre-feet...	38,713	10,322	28,391	4,229	24,162	55,004	21,001
39	300 to 999 acre-feet.....organizations...	278	104	174	19	155	517	107
40	acre-feet...	150,725	56,731	93,994	9,616	84,378	310,130	62,725
41	1,000 to 2,999 acre-feet.....organizations...	132	47	86	22	64	623	65
42	acre-feet...	235,062	89,244	148,642	42,887	105,755	1,109,683	113,906
43	3,000 to 9,999 acre-feet.....organizations...	74	25	49	12	37	435	46
44	acre-feet...	396,279	131,290	264,989	61,014	203,975	2,352,631	250,752
45	10,000 to 29,999 acre-feet.....organizations...	31	10	21	10	11	169	18
46	acre-feet...	527,878	165,487	362,391	167,084	195,307	2,770,928	299,488
47	30,000 to 99,999 acre-feet.....organizations...	24	13	11	10	1	55	8
48	acre-feet...	1,296,283	717,102	579,181	499,479	79,702	2,657,854	374,929
49	100,000 or more acre-feet.....organizations...	7	3	4	1	3	10	1
50	acre-feet...	1,013,997	340,828	673,169	113,215	559,954	1,257,857	142,739
	Size of organization (acre-feet of water conveyed):							
51	None.....organizations...	5	1	4	1	3	33	2
52	1 to 299 acre-feet.....organizations...	249	48	201	28	173	297	135
53	acre-feet...	36,958	9,698	27,260	3,888	23,372	47,523	20,328
54	300 to 999 acre-feet.....organizations...	280	106	174	21	153	481	99
55	acre-feet...	157,518	60,880	96,638	10,973	85,665	294,655	54,975
56	1,000 to 2,999 acre-feet.....organizations...	131	45	86	16	70	613	79
57	acre-feet...	303,283	157,238	146,045	29,283	116,762	1,123,059	135,162
58	3,000 to 9,999 acre-feet.....organizations...	85	23	63	17	46	484	49
59	acre-feet...	458,734	120,946	341,967	84,984	256,983	2,689,456	292,252
60	10,000 to 29,999 acre-feet.....organizations...	37	14	23	9	14	213	21
61	acre-feet...	746,282	337,309	408,973	142,721	266,252	3,685,795	387,117
62	30,000 to 99,999 acre-feet.....organizations...	29	13	16	14	2	85	10
63	acre-feet...	1,665,049	777,552	887,497	824,550	62,947	4,703,174	577,788
64	100,000 or more acre-feet.....organizations...	10	4	6	2	4	21	3
65	acre-feet...	1,888,464	518,664	1,369,800	254,215	1,115,585	4,318,417	459,356

Summary Table 10 (Part 3 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

	Item (For definitions and explanations, see text)	Mississippi River (VI)—Continued									Hudson Bay (Red River of the North) (VII)
		Missouri River									
		Total	Below Three Forks, Montana, excluding Platte and Yellowstone Rivers (VI-C)	Platte River			Yellowstone River			Headwaters above Three Forks, Montana (VI-H)	
				Total	Excluding South Platte River (VI-D)	South Platte River above Gaging Station near Paxton (VI-E)	Total	Excluding Big Horn River (VI-F)	Big Horn River (VI-G)		
	WATER DELIVERED PER ACRE										
	Organizations reporting NO water from other sources used on same land:										
1	0.1 to 0.9 acre-feet per acre.....organizations...	94	22	36	18	18	31	12	19	5	(D)
2	acres irrigated...	386,296	85,924	274,629	170,306	104,323	19,981	4,802	15,179	5,762	(D)
3	1.0 to 1.9 acre-feet per acre.....organizations...	362	71	174	88	86	95	80	15	22	(D)
4	acres irrigated...	1,125,861	300,921	715,566	480,451	235,115	97,344	73,486	23,858	12,030	(D)
5	2.0 to 2.9 acre-feet per acre.....organizations...	335	39	120	56	64	152	107	45	24	(D)
6	acres irrigated...	688,774	83,726	250,279	161,805	88,474	320,129	195,606	124,523	34,640	(D)
7	3.0 to 3.9 acre-feet per acre.....organizations...	252	20	65	46	19	141	77	64	26	(D)
8	acres irrigated...	366,081	40,944	77,761	60,998	16,763	223,391	102,504	120,887	23,985	(D)
9	4.0 to 4.9 acre-feet per acre.....organizations...	130	11	17	12	5	85	46	39	17	(D)
10	acres irrigated...	160,817	13,966	17,324	12,134	5,190	114,663	38,998	75,665	14,864	(D)
11	5.0 to 5.9 acre-feet per acre.....organizations...	89	3	13	9	4	35	18	17	38	(D)
12	acres irrigated...	129,500	4,468	14,372	10,430	3,942	79,653	15,401	64,252	31,007	(D)
13	6.0 to 6.9 acre-feet per acre.....organizations...	51	3	9	8	1	22	16	6	17	(D)
14	acres irrigated...	68,861	3,005	6,730	6,480	250	50,169	18,768	31,401	8,957	(d)
15	7.0 to 7.9 acre-feet per acre.....organizations...	28	1	1	1	...	12	10	2	14	(D)
16	acres irrigated...	36,685	1,568	1,400	1,400	...	28,037	7,014	21,023	5,680	(D)
17	8.0 to 9.9 acre-feet per acre.....organizations...	36	1	7	4	3	16	9	7	12	(D)
18	acres irrigated...	37,593	900	3,110	2,800	310	26,659	18,409	8,250	6,924	(D)
19	10.0 or more acre-feet per acre.....organizations...	22	1	1	...	1	6	6	...	14	(D)
20	acres irrigated...	11,120	2,650	170	...	170	3,835	3,835	...	4,465	(D)
	SIZE OF ORGANIZATION										
	Size of organization (number of farm irrigation water users served directly):										
21	None.....organizations...	55	10	26	6	20	17	14	3	4	(D)
22	1 to 3.....organizations...	716	80	192	135	57	260	166	94	184	(D)
23	water users...	1,700	189	461	322	139	619	401	218	431	(D)
24	4 to 9.....organizations...	476	51	143	48	95	215	142	73	67	(D)
25	water users...	2,690	281	865	252	613	1,182	784	398	362	(D)
26	10 to 29.....organizations...	330	28	168	32	136	92	68	24	42	(D)
27	water users...	5,342	474	2,754	504	2,250	1,481	1,100	381	633	(D)
28	30 to 99.....organizations...	166	23	97	21	76	38	24	14	8	(D)
29	water users...	9,038	1,199	5,289	1,283	4,006	2,136	1,305	831	414	(D)
30	100 to 299.....organizations...	65	8	37	14	24	20	7	13	...	(D)
31	water users...	10,082	1,203	5,638	2,149	3,657	3,241	1,169	2,072	...	(D)
32	300 to 999.....organizations...	19	5	10	5	5	4	1	3	...	(D)
33	water users...	8,313	2,057	4,671	2,651	2,020	1,585	338	1,247	...	(D)
34	1,000 or more.....organizations...	2	...	2	2	...	...	...	...	...	(D)
35	water users...	3,027	...	3,027	3,027	...	...	...	...	...	(D)
	Size of organization (acre-feet of water delivered directly to farms):										
36	None.....organizations...	55	10	24	6	20	17	14	3	4	(D)
37	1 to 299 acre-feet.....organizations...	210	33	73	20	53	84	44	40	20	(D)
38	acre-feet...	34,003	4,719	11,476	3,799	7,677	14,255	7,810	6,445	3,553	(D)
39	300 to 999 acre-feet.....organizations...	410	50	123	47	76	166	118	48	71	(D)
40	acre-feet...	247,405	29,178	73,833	27,789	46,044	102,502	74,042	28,460	41,892	(D)
41	1,000 to 2,999 acre-feet.....organizations...	558	54	214	92	122	188	123	65	102	(D)
42	acre-feet...	995,777	96,017	388,760	168,093	220,667	328,544	221,516	107,028	182,456	(D)
43	3,000 to 9,999 acre-feet.....organizations...	389	27	163	61	102	121	86	35	78	(D)
44	acre-feet...	2,101,879	138,825	899,919	366,014	533,905	664,317	478,247	186,070	398,818	(D)
45	10,000 to 29,999 acre-feet.....organizations...	151	24	58	25	33	40	29	11	29	(D)
46	acre-feet...	2,471,440	455,179	935,489	411,737	523,752	599,103	438,166	160,937	481,669	(D)
47	30,000 to 99,999 acre-feet.....organizations...	47	6	16	10	7	24	6	18	1	(D)
48	acre-feet...	2,282,925	257,202	786,359	518,175	306,908	1,195,199	272,030	923,169	44,165	(D)
49	100,000 or more acre-feet.....organizations...	9	1	2	2	...	6	2	4	...	(D)
50	acre-feet...	1,115,118	110,007	260,251	260,251	...	744,860	244,140	500,720	...	(D)
	Size of organization (acre-feet of water conveyed):										
51	None.....organizations...	31	9	11	5	8	9	8	1	2	(D)
52	1 to 299 acre-feet.....organizations...	162	27	55	14	41	65	34	31	15	(D)
53	acre-feet...	27,195	3,807	9,753	2,921	6,832	11,018	6,063	4,955	2,617	(D)
54	300 to 999 acre-feet.....organizations...	382	45	113	44	69	161	112	49	63	(D)
55	acre-feet...	239,680	26,999	69,192	26,002	43,190	104,198	70,615	33,583	39,291	(D)
56	1,000 to 2,999 acre-feet.....organizations...	534	52	196	84	112	186	120	66	100	(D)
57	acre-feet...	987,897	92,347	358,360	156,634	201,726	343,307	218,570	124,737	193,883	(D)
58	3,000 to 9,999 acre-feet.....organizations...	435	33	186	68	118	133	95	38	83	(D)
59	acre-feet...	2,397,204	159,657	1,025,572	391,937	633,635	749,763	523,489	226,274	462,212	(D)
60	10,000 to 29,999 acre-feet.....organizations...	192	25	73	31	42	60	43	17	34	(D)
61	acre-feet...	3,298,678	481,718	1,270,245	535,198	735,047	978,562	689,662	288,900	568,153	(D)
62	30,000 to 99,999 acre-feet.....organizations...	75	13	31	11	21	23	7	16	8	(D)
63	acre-feet...	4,133,436	680,747	1,665,154	591,565	1,158,599	1,397,161	388,385	1,008,776	390,374	(D)
64	100,000 or more acre-feet.....organizations...	18	1	8	6	2	9	3	6	...	(D)
65	acre-feet...	3,859,061	390,911	1,784,910	1,414,990	369,920	1,683,240	525,965	1,157,275	...	(D)

D Data not shown to avoid disclosure of information for individual organizations.

Summary Table 11.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY STATES: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	18 State total	Arizona	California	Colorado	Idaho	Kansas and Oklahoma	Louisiana	Montana	Nebraska
1	Total acres irrigated in Census year.....1959...	31,222,967	1,152,450	7,395,570	2,684,757	2,576,580	959,733	484,850	1,874,520	2,077,926
2	1949...	25,451,176	979,114	6,598,839	2,943,895	2,167,879	185,201	597,966	1,808,576	887,239
3	Irrigation organizations.....organizations 1959...	8,749	155	1,075	1,933	927	16	203	1,050	68
4	1949...	10,491	163	1,506	2,302	1,064	13	321	1,234	68
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	21,165,254	766,448	5,293,986	3,040,053	2,482,113	155,047	297,471	1,642,968	858,969
6	Farm area reported irrigated by organizations.....acres 1959...	17,700,841	643,846	4,184,482	2,669,677	2,299,457	106,468	185,539	1,347,197	706,339
7	Water users served, total.....water users 1959...	1,612,111	43,729	1,152,970	43,642	81,467	1,105	2,946	17,181	9,259
8	Farm irrigation water users.....water users 1959...	383,654	12,555	116,037	35,051	43,525	1,104	2,946	14,773	9,225
9	Residential water users.....water users 1959...	1,204,339	27,727	1,018,384	8,449	37,743	...	...	2,395	34
10	Other water users.....water users 1959...	24,118	3,447	18,549	142	199	1	...	13	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	14,011,307	772,353	3,992,290	500,174	452,876	823,171	263,482	34,015	1,445,029
12	Surface water sources.....acres...	17,211,660	380,097	3,402,780	2,184,583	2,123,704	136,562	221,368	1,840,505	632,897
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	8,668	155	1,066	1,906	920	14	203	1,044	68
14	acre-feet...	72,997,259	3,558,266	17,321,855	7,705,684	14,214,626	237,995	617,850	5,973,077	2,006,735
15	From another drainage basin.....organizations...	...	1	2	1	11	1	...	3	4
16	acre-feet...	...	299,479	387,033	4,038	140,305	31,047	...	2,786	550,515
17	From drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...
18	From natural sources within basin...organizations...	7,994	146	968	1,701	783	14	203	1,017	62
19	acre-feet...	72,997,259	3,258,787	16,934,822	7,701,646	14,074,321	206,948	617,850	5,970,291	1,456,220
20	Surface water.....organizations...	6,984	117	364	1,692	734	14	68	1,005	62
21	acre-feet...	68,685,789	1,991,449	15,276,039	7,670,472	13,527,060	206,948	516,572	5,922,639	1,452,443
22	Ground water.....organizations...	1,266	63	688	24	69	...	148	19	1
23	acre-feet...	4,311,470	1,267,338	1,658,783	31,174	547,261	...	101,278	47,652	3,777
24	*From other organizations in the basin*.....*organizations receiving*...	1,123	14	219	295	191	1	...	41	4
25	*acre-feet*...	18,644,449	1,003,876	11,546,796	1,432,394	2,511,850	55,294	...	261,813	87,111
26	Total leaving conveyance systems.....organizations...	8,668	155	1,066	1,906	920	14	203	1,044	68
27	acre-feet...	72,997,259	3,558,266	17,321,855	7,705,684	14,214,626	237,995	617,850	5,973,077	2,006,735
28	Conveyance loss in basin.....organizations...	7,238	148	436	1,767	841	12	170	979	67
29	acre-feet...	15,847,148	925,506	3,412,068	1,433,931	2,948,184	71,773	50,046	1,484,101	879,994
30	Conveyed to another drainage basin..organizations...	...	1	2	4	12	...	...	1	1
31	acre-feet...	...	7,940	302,779	15,427	145,657	...	...	100,000	31,047
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	8,604	153	1,046	1,893	911	13	203	1,041	66
34	acre-feet...	57,150,111	2,624,820	13,607,008	6,256,326	11,120,785	166,222	567,804	4,388,976	1,095,694
35	To farm irrigation water users...organizations...	8,585	153	1,039	1,888	911	13	203	1,041	66
36	acre-feet...	54,471,479	2,487,199	12,350,452	5,943,099	10,884,661	162,301	567,804	4,333,721	1,095,537
37	To residential water users.....organizations...	998	24	237	130	107	...	...	30	1
38	acre-feet...	1,607,639	69,516	828,036	167,474	220,313	...	...	42,141	157
39	For other use.....organizations...	296	10	83	50	29	1	...	9	...
40	acre-feet...	1,070,993	68,105	428,520	145,753	15,811	3,921	...	13,114	...
41	*Delivered to other irrigation organizations*..... *organizations delivering*...	444	5	96	118	76	1	...	26	4
42	*acre-feet*...	18,644,449	1,003,876	11,546,796	1,432,394	2,511,850	55,294	...	261,813	87,111
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.1	3.9	3.0	2.2	4.7	1.5	3.1	3.2	1.6
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	4,177	76	487	903	382	11	109	514	43
45	dollars...	1,039,593,875	62,924,613	495,970,922	59,837,605	24,527,859	42,311,394	2,054,686	24,240,701	13,839,550

Summary Table 11.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY STATES: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Nevada	New Mexico	North Dakota	Oregon	South Dakota	Texas	Utah	Washington	Wyoming
1	Total acres irrigated in Census year.....1959...	542,976	731,835	47,656	1,384,284	115,629	5,655,638	1,061,683	1,006,969	1,469,911
2	1949...	722,896	691,476	35,759	1,337,517	84,356	3,150,527	1,166,972	618,129	1,474,835
3	Irrigation organizations.....organizations 1959...	116	447	12	650	25	103	984	350	686
4	1949...	157	620	6	755	24	122	1,058	441	693
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	312,290	462,200	44,958	903,222	89,454	1,399,753	1,300,483	948,932	1,166,907
6	Farm area reported irrigated by organizations.....acres 1959...	263,005	366,086	39,849	846,182	83,984	943,818	1,109,620	847,752	1,057,540
7	Water users served, total.....water users 1959...	3,059	23,768	234	33,437	759	33,827	90,952	63,429	10,347
8	Farm irrigation water users.....water users 1959...	2,646	20,828	234	17,712	715	24,588	43,001	29,752	8,962
9	Residential water users.....water users 1959...	408	2,910	...	14,690	44	9,124	47,519	33,539	1,373
10	Other water users.....water users 1959...	5	30	...	1,035	...	115	432	138	12
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	102,735	445,652	973	198,941	18,959	4,634,135	157,999	133,903	34,120
12	Surface water sources.....acres...	440,241	286,183	46,683	1,185,343	96,670	1,021,503	903,684	873,066	1,435,791
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	115	446	9	646	24	103	978	347	675
14	acre-feet...	1,068,254	1,419,633	108,724	4,182,706	169,283	2,671,746	3,648,089	4,922,092	4,900,254
15	From another drainage basin.....organizations...	2	2	1	3	1	...	11	3	3
16	acre-feet...	11,240	1,903	100,000	28,647	3,200	...	91,394	67,703	10,320
17	From drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...
18	From natural sources within basin...organizations...	87	437	9	642	23	92	863	322	638
19	acre-feet...	1,057,014	1,417,730	8,724	4,154,059	166,083	2,671,746	3,556,695	4,854,389	4,889,934
20	Surface water.....organizations...	81	428	9	631	23	80	754	303	632
21	acre-feet...	1,026,055	1,372,752	8,724	3,891,300	166,083	2,638,564	3,401,225	4,733,940	4,883,524
22	Ground water.....organizations...	7	26	...	18	...	19	152	27	7
23	acre-feet...	30,959	44,978	...	262,759	...	33,182	155,470	120,449	6,410
24	*From other organizations in the basin.....organizations receiving...*	27	18	...	19	...	19	179	34	62
25	*acre-feet...*	189,781	39,971	...	278,847	...	100,899	557,722	62,388	515,707
26	Total leaving conveyance systems.....organizations...	115	446	9	646	24	103	978	347	675
27	acre-feet...	1,068,254	1,419,633	108,724	4,182,706	169,283	2,671,746	3,648,089	4,922,092	4,900,254
28	Conveyance loss in basin.....organizations...	107	423	5	499	20	80	808	261	653
29	acre-feet...	206,933	492,142	36,802	730,281	69,485	470,139	466,721	1,153,487	1,015,555
30	Conveyed to another drainage basin..organizations...	2	...	...	4	...	...	5	1	15
31	acre-feet...	25,999	...	...	503,598	...	...	13,355	4,364	579,444
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	113	446	9	645	24	103	970	346	659
34	acre-feet...	835,322	927,491	71,922	2,948,827	99,798	2,201,607	3,168,013	3,764,241	3,305,255
35	To farm irrigation water users...organizations...	113	445	9	645	24	102	965	345	659
36	acre-feet...	824,592	900,617	71,922	2,885,053	99,088	1,933,755	2,956,192	3,697,304	3,278,182
37	To residential water users.....organizations...	11	76	...	44	4	16	245	45	29
38	acre-feet...	1,899	15,845	...	31,413	710	42,268	132,501	37,836	17,530
39	For other use.....organizations...	3	13	...	14	...	24	30	21	9
40	acre-feet...	8,831	11,029	...	32,361	...	225,584	79,320	29,101	9,543
41	*Delivered to other irrigation organizations..... organizations delivering...*	3	12	...	11	...	9	52	10	25
42	*acre-feet...*	189,781	39,971	...	278,847	...	100,899	557,722	62,388	515,707
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.1	2.5	1.8	3.4	1.2	2.0	2.7	4.4	3.1
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	51	212	5	277	16	50	564	117	379
45	dollars...	1,059,001	13,666,262	613,767	9,588,868	3,934,876	16,733,025	38,346,259	200,768,354	29,176,133

Summary Table 12.–LAND IRRIGATED BY SOURCE OF WATER, BY STATES: CENSUS OF 1959

	Item (For definitions and explanations, see text)	18 States, total	Arizona	California	Colorado	Idaho	Kansas and Oklahoma	Louisiana	Montana	Nebraska
1	Total acres irrigated.....farms reporting...	267,431	5,391	74,138	20,312	25,383	7,073	4,817	11,935	18,936
2	acres...	31,222,967	1,152,450	7,395,570	2,684,757	2,576,580	959,733	484,850	1,874,520	2,077,926
3	Acres irrigated by sprinklers....farms reporting...	54,957	113	18,378	1,088	2,180	2,611	166	1,376	3,755
4	acres...	2,817,283	4,635	838,547	52,808	215,595	142,558	4,419	67,745	226,468
5	Sprinklers only.....farms reporting...	41,103	73	14,160	432	1,085	2,172	150	741	2,005
6	acres...	1,959,259	3,157	478,278	24,668	119,943	120,214	4,052	35,916	157,329
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959									
7	Ground water sources on farm.....farms reporting...	107,021	2,159	40,393	4,884	2,557	5,426	3,047	537	14,093
8	acres...	13,243,912	581,238	3,644,279	495,814	386,945	823,171	245,662	30,791	1,445,029
9	Ground water sources on farm only.farms reporting...	79,869	1,499	26,023	1,632	1,266	5,087	2,672	300	12,461
10	acres...	10,549,815	408,794	2,248,970	193,403	241,673	783,326	209,972	14,148	1,304,336
11	Surface sources on farm.....farms reporting...	38,797	300	5,552	3,533	2,749	1,213	1,058	4,771	1,703
12	acres...	5,081,250	94,845	836,452	617,711	327,281	56,331	130,478	909,901	99,136
13	Surface sources on farm only.....farms reporting...	29,356	210	3,541	2,457	1,882	1,022	792	4,055	1,089
14	acres...	4,050,182	85,836	574,507	508,669	245,191	47,631	105,718	795,571	69,774
15	Irrigation organization sources.....farms reporting...	153,704	3,608	43,295	15,971	22,051	803	1,198	7,452	4,841
16	acres...	12,897,805	476,367	2,914,839	1,571,232	1,862,354	80,231	108,710	933,828	533,761
17	Irrigation organization sources only.....farms reporting...	126,650	3,007	29,634	12,280	20,306	596	888	6,753	3,702
18	acres...	10,285,737	332,151	1,865,635	1,182,723	1,662,383	52,798	81,305	836,876	416,847
19	Both farm ground water sources and surface sources.....farms reporting...	4,454	73	1,265	252	178	161	156	126	544
20	acres...	999,317	28,499	308,394	61,553	40,483	18,564	33,597	38,567	72,256
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	27,102	602	13,675	3,691	1,751	207	309	701	1,140
22	acres...	5,337,916	297,170	2,398,064	738,409	386,850	57,414	54,258	189,358	214,713

Summary Table 12.–LAND IRRIGATED BY SOURCE OF WATER, BY STATES: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	Nevada	New Mexico	North Dakota	Oregon	South Dakota	Texas	Utah	Washington	Wyoming
1	Total acres irrigated.....farms reporting...	2,110	8,850	471	17,724	1,002	27,884	15,701	19,292	6,412
2	acres...	542,976	731,835	47,656	1,384,284	115,629	5,655,638	1,061,683	1,006,969	1,469,911
3	Acres irrigated by sprinklers.....farms reporting...	91	158	101	8,954	239	4,564	409	10,481	293
4	acres...	4,473	18,988	3,880	283,506	20,906	554,641	18,421	342,665	17,028
5	Sprinklers only.....farms reporting...	37	85	83	7,747	194	3,919	118	7,991	111
6	acres...	2,015	12,754	3,263	234,031	18,032	479,965	6,438	251,603	7,601
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959									
7	Ground water sources on farm.....farms reporting...	492	3,357	25	4,097	191	19,847	1,667	3,911	338
8	acres...	100,609	439,163	973	151,486	18,959	4,614,720	113,417	118,157	33,499
9	Ground water sources on farm only.farms reporting...	312	2,507	24	3,208	168	18,843	689	3,020	158
10	acres...	64,995	392,498	943	99,340	17,056	4,407,221	61,165	83,158	18,817
11	Surface sources on farm.....farms reporting...	480	1,282	156	6,551	300	2,031	1,145	3,760	2,213
12	acres...	199,313	56,635	9,799	561,303	24,424	202,335	88,502	143,671	723,133
13	Surface sources on farm only.....farms reporting...	362	1,136	151	5,596	252	1,366	519	3,039	1,887
14	acres...	143,761	40,627	9,145	465,244	21,947	140,545	50,387	106,756	638,873
15	Irrigation organization sources.....farms reporting...	1,350	5,100	295	8,445	571	7,117	14,428	12,900	4,279
16	acres...	243,054	236,037	36,884	671,495	72,246	838,583	859,764	745,141	713,279
17	Irrigation organization sources only.....farms reporting...	1,223	4,321	290	7,591	523	6,568	13,038	12,004	3,926
18	acres...	214,235	165,639	36,017	565,506	65,823	734,777	760,042	683,565	629,415
19	Both farm ground water sources and surface sources.....farms reporting...	84	104	1	472	11	554	64	332	77
20	acres...	58,014	23,084	45	64,334	1,582	190,977	8,519	27,551	23,298
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	129	782	5	857	48	553	1,391	897	364
22	acres...	61,971	109,987	1,506	189,860	9,221	182,118	181,570	105,939	159,508

Summary Table 13.—ORGANIZATIONS REPORTING, QUANTITIES OF IRRIGATION WATER OBTAINED FROM SPECIFIED SOURCES, AND WATER LOST IN CONVEYANCE: 1959 AND 1949

[For 1949 the amounts of water are for the entire organization, and for 1959 the amounts are for the part within the State only. See text]

State	Water obtained from—											
	All sources				Surface sources				Ground sources			
	Organizations reporting		Acre-feet		Organizations reporting		Acre-feet		Organizations reporting		Acre-feet	
	1959	1949	1959	1949	1959	1949	1959	1949	1959	1949	1959	1949
18 States, total....	8,668	9,566	91,641,708	96,013,034	6,984	7,214	68,685,789	72,664,954	1,266	1,393	4,311,470	2,618,028
Arizona.....	155	150	4,562,142	3,754,337	117	109	1,991,449	1,777,046	63	57	1,267,338	1,104,882
California.....	1,066	1,301	28,868,651	24,361,853	364	308	15,276,039	18,528,632	688	974	1,658,783	1,168,621
Colorado.....	1,906	2,201	9,138,078	10,795,335	1,692	1,792	7,670,472	9,074,298	24	7	31,174	7,761
Idaho.....	920	957	16,726,476	22,226,161	734	709	13,527,060	14,411,794	69	38	547,261	126,704
Kansas and Oklahoma....	14	12	293,289	126,183	14	11	206,948	125,273	...	1	...	810
Louisiana.....	203	312	617,850	571,543	68	101	516,572	438,813	148	234	101,278	132,230
Montana.....	1,044	998	6,234,890	5,650,173	1,005	938	5,922,639	5,184,577	19	2	47,652	1,575
Nebraska.....	68	65	2,093,846	3,879,942	62	61	1,452,443	2,872,477	1	1	3,777	500
Nevada.....	115	157	1,258,035	1,578,171	81	105	1,026,055	1,190,540	7	1	30,959	26
New Mexico.....	446	599	1,459,604	2,177,754	428	573	1,372,752	2,032,115	26	6	44,978	21,072
North Dakota.....	9	5	108,724	288,727	9	5	8,724	288,727	...	...	...	...
Oregon.....	646	616	4,461,553	5,227,894	631	590	3,891,300	3,768,532	18	9	262,759	2,858
South Dakota.....	24	20	169,283	183,231	23	20	166,083	182,611	...	...	...	...
Texas.....	103	112	2,772,645	4,522,891	80	75	2,638,564	4,249,663	19	23	33,182	30,053
Utah.....	978	1,034	4,205,811	5,408,782	754	892	3,401,225	4,326,325	152	26	155,470	12,396
Washington.....	347	398	4,984,480	5,277,580	303	333	4,733,940	3,314,919	27	17	120,449	24,864
Wyoming.....	675	683	5,415,961	8,478,688	632	640	4,883,524	7,288,296	7	2	6,410	1,834

State	Water obtained from—Continued				Water obtained from other States, 1959 (acre-feet)	Water lost in conveyance			
	Other organizations					Organizations reporting		Acre-feet	
	Organizations reporting		Acre-feet			1959	1949	1959	1949
	1959	1949	1959	1949					
18 States, total....	1,123	1,937	18,644,449	20,730,052	xxx	7,238	8,025	15,847,148	18,398,178
Arizona.....	14	10	1,003,876	872,409	299,479	148	144	925,506	1,051,214
California.....	219	172	11,546,796	4,664,600	387,033	436	431	3,412,068	4,889,211
Colorado.....	295	630	1,432,394	1,713,276	4,038	1,767	2,060	1,433,931	1,906,935
Idaho.....	191	348	2,511,850	7,687,663	140,305	841	893	2,948,184	3,687,358
Kansas and Oklahoma....	1	1	55,294	100	31,047	12	11	71,773	22,769
Louisiana.....	...	1	...	500	...	170	309	50,046	48,273
Montana.....	41	128	261,813	464,021	2,786	979	954	1,484,101	1,365,610
Nebraska.....	4	19	87,111	1,006,965	550,515	67	65	879,994	1,125,438
Nevada.....	27	79	189,781	387,605	11,240	107	136	206,933	261,314
New Mexico.....	18	26	39,971	124,567	1,903	423	596	492,142	612,425
North Dakota.....	...	...	...	...	100,000	5	4	36,802	120,975
Oregon.....	19	46	278,847	1,456,504	28,647	499	413	730,281	1,243,956
South Dakota.....	...	1	...	620	3,200	20	13	69,485	75,559
Texas.....	19	23	100,899	243,175	...	80	106	470,139	846,298
Utah.....	179	285	557,722	1,070,061	91,394	808	933	466,721	890,687
Washington.....	34	64	62,388	1,937,797	67,703	261	354	1,153,487	656,828
Wyoming.....	62	118	515,707	1,188,558	10,320	653	656	1,015,555	1,654,100

Summary Table 14.–CAPITAL INVESTMENT IN IRRIGATION ORGANIZATIONS, 1959, 1950, AND 1940; AND NEW CAPITAL INVESTMENT, 1940 TO 1959

[Interstate organizations are counted once in each State; but only once in 18 States total. See text]

State	Total capital investment							
	1959 (dollars)	1950 (dollars)	1940 (dollars)	Percent increase		Percent distribution		
				1950 to 1959	1940 to 1950	1959	1950	1940
18 States, total....	2,424,153,295	1,384,564,420	864,611,471	75.0	60.1	100.0	100.0	100.0
Arizona.....	167,649,244	104,724,631	77,859,230	60.0	34.5	6.9	7.6	9.0
California.....	898,382,434	402,411,512	209,207,034	123.2	92.3	37.1	29.1	24.2
Colorado.....	204,536,933	144,704,328	95,501,039	41.3	51.5	8.4	10.4	11.0
Idaho.....	147,842,532	123,314,673	99,663,601	19.8	23.7	6.1	8.9	11.5
Kansas and Oklahoma....	55,165,573	12,854,179	750,784	329.1	1,612.1	2.3	1.0	0.1
Louisiana.....	10,820,903	8,766,217	5,766,385	23.4	52.0	0.5	0.6	0.7
Montana.....	96,265,070	72,024,369	61,113,972	33.6	17.8	4.0	5.2	7.1
Nebraska.....	55,813,886	41,974,336	36,088,721	32.9	16.3	2.3	3.0	4.2
Nevada.....	17,151,395	16,092,394	14,555,895	6.5	10.5	0.7	1.2	1.7
New Mexico.....	59,112,930	45,446,668	28,204,839	30.0	61.1	2.4	3.3	3.3
North Dakota.....	3,466,553	2,852,786	1,700,757	21.5	67.7	0.1	0.2	0.2
Oregon.....	70,576,455	60,987,587	45,368,352	15.7	34.4	2.9	4.4	5.2
South Dakota.....	9,896,475	5,961,599	5,154,671	66.0	15.6	0.4	0.4	0.6
Texas.....	87,629,785	70,896,760	57,336,360	23.6	23.6	3.6	5.1	6.6
Utah.....	91,506,998	53,160,739	40,468,053	72.1	31.3	3.8	3.8	4.7
Washington.....	369,453,349	168,684,995	52,168,499	119.0	223.3	15.2	12.2	6.0
Wyoming.....	78,882,780	49,706,647	33,703,279	58.6	47.4	3.3	3.6	3.9

State	Average capital investment (dollars)									New capital investment			
	Per organization			Per irrigated farm			Per acre of irrigated land			Jan. 1, 1950 to Dec. 31, 1959		Jan. 1, 1940 to Dec. 31, 1949	
	1959	1950	1940	1959	1950	1940	1959	1950	1940	Organizations reporting	Amount (dollars)	Organizations reporting	Amount (dollars)
18 States, total....	277,077	131,976	154,865	6,319	5,537	2,543	137	92	53	4,177	1,039,593,875	5,155	519,952,949
Arizona.....	1,081,608	642,482	755,914	13,353	12,089	9,126	260	188	134	76	62,924,613	111	26,865,401
California.....	835,704	267,205	322,962	7,742	6,332	4,590	214	128	66	487	495,970,922	711	193,204,478
Colorado.....	105,813	62,860	112,619	5,835	4,860	4,361	76	60	34	903	59,837,605	990	49,203,289
Idaho.....	159,592	115,897	206,770	3,396	4,087	3,725	64	65	35	382	24,527,859	441	23,651,072
Kansas and Oklahoma....	3,447,848	988,788	183,118	49,969	22,751	1,060	518	464	17	11	42,311,394	4	12,103,395
Louisiana.....	53,304	27,309	178,902	3,673	2,754	1,408	58	34	32	109	2,054,686	266	2,999,832
Montana.....	91,681	58,366	141,467	6,516	5,735	5,897	71	63	58	514	24,240,701	561	10,910,397
Nebraska.....	820,792	617,269	372,048	6,050	7,428	8,406	79	83	56	43	13,839,550	24	5,885,615
Nevada.....	147,856	102,499	142,704	6,482	7,450	7,653	65	57	38	51	1,059,001	87	1,536,499
New Mexico.....	132,243	73,301	57,796	2,838	2,843	2,044	161	121	70	212	13,666,262	324	17,241,829
North Dakota.....	288,879	475,464	103,827	14,814	10,225	4,128	86	104	88	5	613,767	4	1,152,029
Oregon.....	108,579	80,778	169,284	3,984	4,653	4,303	83	83	76	277	9,588,868	305	15,619,235
South Dakota.....	395,859	248,399	125,723	13,841	9,243	7,023	117	88	104	16	3,934,876	9	806,928
Texas.....	850,774	581,120	494,278	3,563	6,099	3,665	92	68	81	50	16,733,025	81	13,560,400
Utah.....	92,994	50,340	49,231	2,128	1,945	1,924	82	51	29	564	38,346,259	509	12,692,686
Washington.....	1,055,580	382,505	212,067	12,417	9,760	3,850	435	328	76	117	200,768,354	200	116,516,496
Wyoming.....	114,989	71,726	138,696	8,801	6,608	6,133	74	60	45	379	29,176,133	344	16,003,368

Summary Table 15.–ORGANIZATIONS REPORTING BY TYPE OF SERVICE TO WATER USERS AND ACRE-FEET DELIVERED: 1959

[Interstate organizations are counted once in each State, but only once in 18 States total. See text]

State	Water delivered to farm users and residential users only		Water delivered to farm users, residential users, and other organizations		Water delivered to other organizations only	
	Organizations reporting	Acre-feet of water	Organizations reporting	Acre-feet of water	Organizations reporting	Acre-feet of water
18 States, total	8,216	40,587,141	379	24,239,440	67	9,896,986
Arizona	149	1,532,770	4	1,155,194	2	872,627
California	964	8,338,192	77	8,384,379	23	8,002,713
Colorado	1,788	4,404,077	103	2,679,530	15	459,360
Idaho	843	6,851,429	69	6,590,821	9	174,574
Kansas and Oklahoma	13	162,301	...	...	1	55,294
Louisiana	203	567,804	...	...	...	...
Montana	1,018	3,923,717	26	713,958	...	...
Nebraska	62	783,306	5	389,121	1	10,378
Nevada	112	794,107	2	204,561	1	17,604
New Mexico	433	730,403	13	226,030	...	...
North Dakota	9	71,922	...	...	...	...
Oregon	633	2,110,846	12	1,067,142	1	17,325
South Dakota	24	99,798	...	...	...	...
Texas	94	1,589,954	8	451,141	1	35,827
Utah	925	2,359,099	44	1,114,898	8	172,418
Washington	337	3,464,740	8	308,181	2	24,607
Wyoming	647	2,802,676	19	954,484	6	54,259

Summary Table 16.–NUMBER OF ORGANIZATIONS CLASSIFIED BY NUMBER OF FARMS PROVIDED WITH WATER: 1959 AND 1949

[Interstate organizations are counted once in each State, only once in the 18 States total. Interstate organizations are counted in groups provided with irrigation water for the entire organization. See text]

State	Total number of organizations		Organizations providing irrigation water directly to[1]—															
			No farms		1-3 farms		4-9 farms		10-29 farms		30-99 farms		100-299 farms		300-999 farms		1,000 or more farms	
	1959	1949	1959	1949	1959	1949	1959	1949	1959	1949	1959	1949	1959	1949	1959	1949	1959	1949
18 States, total	8,749	10,491	164	342	2,811	3,780	2,459	2,954	1,754	2,075	972	941	369	267	168	102	52	30
Arizona	155	163	2	4	25	38	32	23	34	41	39	44	16	9	5	3	2	1
California	1,075	1,506	35	45	227	394	277	441	245	351	147	169	80	61	49	32	15	13
Colorado	1,933	2,302	45	133	810	934	540	663	348	385	151	150	51	28	16	8	2	1
Idaho	927	1,064	15	27	249	365	268	287	227	236	106	102	38	31	15	10	9	6
Kansas and Oklahoma	16	13	3	...	...	1	1	4	5	3	4	4	2	1	1	...	...	...
Louisiana	203	321	...	1	99	156	78	109	13	37	9	16	1	1	3	1	...	...
Montana	1,050	1,234	9	46	519	695	303	312	132	114	62	50	19	9	5	7	1	1
Nebraska	68	68	1	2	6	7	6	8	16	17	18	18	13	10	6	5	2	1
Nevada	116	157	2	5	31	64	42	42	25	31	12	12	3	2	1	1	...	...
New Mexico	447	620	2	6	61	97	88	175	162	237	107	89	21	11	3	3	3	2
North Dakota	12	6	2	...	1	...	2	2	4	1	1	2	...	...	1	1	...	...
Oregon	650	755	5	14	220	324	250	261	104	99	44	29	11	18	13	8	3	2
South Dakota	25	24	1	1	5	5	9	10	6	6	2	1	1	...	1	1	...	...
Texas	103	122	1	5	15	23	21	31	23	21	17	21	13	10	4	8	9	3
Utah	984	1,058	17	28	134	179	264	280	286	341	178	169	74	53	31	8	...	...
Washington	350	441	5	6	105	137	84	144	70	79	47	47	18	17	13	8	8	3
Wyoming	686	693	20	19	307	362	202	174	104	94	34	29	13	11	5	3	1	1

[1]For 1959, the data are for the number of farm water users. See text.

Summary Table 17 (Part 1 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY STATES: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)		18 States, total	Arizona	California	Colorado	Idaho	Kansas and Oklahoma	Louisiana	Montana	Nebraska
1	Irrigation organizations, total number	organizations 1959	8,749	155	1,075	1,933	927	16	203	1,050	68
2		1949	10,491	163	1,506	2,302	1,064	13	321	1,234	68
3	Area irrigated as reported by organizations	acres 1959	17,700,841	643,846	4,184,482	2,669,677	2,299,457	106,468	185,539	1,347,197	706,339
4		1949	14,974,785	555,958	3,135,281	2,399,618	1,896,032	78,189	260,897	1,149,358	508,161
5	Farm water users served directly	water users 1959	383,654	12,555	116,037	35,051	43,525	1,104	2,946	14,773	9,225
6	Total water conveyed	acre-feet 1959	91,641,708	4,562,142	28,868,651	9,138,078	16,726,476	293,289	617,850	6,234,890	2,093,846
	TYPE OF ORGANIZATION										
	Mutual:										
7	Unincorporated	organizations 1959	4,989	42	384	1,261	497	2	37	787	9
8		1949	6,464	61	709	1,579	648	4	47	994	11
9	Farm area irrigated directly	acres 1959	2,067,317	17,583	75,038	543,826	211,622	(D)	(D)	362,973	(D)
10	Farm water users served directly	water users 1959	32,360	587	2,074	6,071	2,589	(D)	(D)	3,227	(D)
11	Total water conveyed	acre-feet 1959	8,395,862	80,205	359,229	2,139,798	1,035,785	(D)	(D)	1,778,459	(D)
12	Incorporated	organizations 1959	2,737	34	432	642	367	8	1	203	17
13		1949	2,884	37	561	686	348	8	4	158	15
14	Farm area irrigated directly	acres 1959	6,732,753	308,784	1,035,041	1,938,870	1,295,602	45,774	(D)	491,189	64,742
15	Farm water users served directly	water users 1959	129,375	5,802	22,005	25,943	20,979	307	(D)	5,126	791
16	Total water conveyed	acre-feet 1959	29,975,566	1,835,551	3,129,996	6,234,031	10,150,336	117,634	(D)	2,692,345	166,546
17	District	organizations 1959	558	15	173	14	53	2	...	35	40
18		1949	483	12	114	20	54	...	...	39	39
19	Farm area irrigated directly	acres 1959	6,920,527	187,068	2,836,277	161,657	676,471	(D)	...	309,869	600,265
20	Farm water users served directly	water users 1959	178,619	1,636	82,983	2,404	18,136	(D)	...	3,662	7,861
21	Total water conveyed	acre-feet 1959	32,949,641	1,033,978	15,108,773	345,653	5,021,558	(D)	...	1,085,931	1,844,094
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau	organizations 1959	54	2	13	6	4	4	...	4	...
23		1949	37	2	6	4	4	1	...	3	2
24	Farm area irrigated directly	acres 1959	710,904	3,082	26,255	...	76,767	6,470	...	6,887	...
25	Farm water users served directly	water users 1959	14,748	92	473	...	714	120	...	68	...
26	Total water conveyed	acre-feet 1959	13,144,829	699,904	8,522,360	268,580	253,019	75,140	...	72,302	...
27	*U. S. Bureau of Reclamation; operated by water users*	*organizations 1959*	147	5	29	6	12	2	...	15	9
28		*1949*	NA	...	...	4	11	1	...	16	3
29	Farm area irrigated directly	acres 1959	3,301,541	312,389	845,029	109,440	350,674	(D)	...	238,790	240,028
30	Farm water users served directly	water users 1959	62,998	4,507	12,466	2,707	8,836	(D)	...	2,034	3,324
31	Total water conveyed	acre-feet 1959	19,335,011	2,084,486	6,639,274	871,054	2,758,367	(D)	...	847,937	822,089
32	U. S. Bureau of Indian Affairs	organizations 1959	123	59	7	2	3	...	...	17	...
33		1949	141	48	14	1	6	...	...	7	...
34	Farm area irrigated directly	acres 1959	578,635	125,574	3,354	9,672	(D)	...	...	157,791	...
35	Farm water users served directly	water users 1959	12,988	4,427	443	103	(D)	...	...	2,317	...
36	Total water conveyed	acre-feet 1959	3,279,132	897,605	12,741	22,957	(D)	...	...	524,523	...
37	Commercial	organizations 1959	246	...	51	4	1	...	165	...	1
38		1949	401	1	80	6	3	...	270	3	1
39	Farm area irrigated directly	acres 1959	572,912	...	158,517	2,740	(D)	...	175,837	...	(D)
40	Farm water users served directly	water users 1959	11,270	...	5,919	17	(D)	...	2,806	...	(D)
41	Total water conveyed	acre-feet 1959	2,743,325	...	952,298	98,038	(D)	...	593,582	...	(D)
42	State	organizations 1959	7	1	...	...	...	...	...	4	1
43		1949	31	...	...	1	...	1	...	29	...
44	Farm area irrigated directly	acres 1959	44,408	(D)	...	...	...	...	...	18,488	(D)
45	Farm water users served directly	water users 1959	853	(D)	...	...	...	...	...	373	(D)
46	Total water conveyed	acre-feet 1959	170,944	(D)	...	...	...	...	...	81,330	(D)
47	City	organizations 1959	35	2	15	4	2	1	...	...	...
48		1949	50	2	22	5	1	...	...	1	...
49	Farm area irrigated directly	acres 1959	73,385	(D)	50,000	12,912	(D)	...	...	...	...
50	Farm water users served directly	water users 1959	3,441	(D)	2,140	513	(D)	...	...	...	...
51	Total water conveyed	acre-feet 1959	982,409	(D)	783,254	29,021	(D)	...	...	...	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

Summary Table 17 (Part 1 of 3).–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY STATES: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Nevada	New Mexico	North Dakota	Oregon	South Dakota	Texas	Utah	Washington	Wyoming
1	Irrigation organizations, total number.....organizations 1959...	116	447	12	650	25	103	984	350	686
2	1949...	157	620	6	755	24	122	1,058	441	693
3	Area irrigated as reported by organizations.....acres 1959...	263,005	366,086	39,849	846,182	83,984	943,818	1,109,620	847,752	1,057,540
4	1949...	286,299	384,210	35,759	739,052	67,539	1,042,714	1,083,250	513,583	839,939
5	Farm water users served directly....water users 1959...	2,646	20,828	234	17,712	715	24,588	43,001	29,752	8,962
6	Total water conveyed.....acre-feet 1959...	1,258,035	1,459,604	108,724	4,461,553	169,283	2,772,645	4,205,811	4,984,480	5,415,961
	TYPE OF ORGANIZATION									
	Mutual:									
7	Unincorporated.....organizations 1959...	61	363	1	473	9	25	316	209	521
8	1949...	90	485	...	580	13	34	406	273	538
9	Farm area irrigated directly.....acres 1959...	49,199	100,758	(D)	193,100	3,915	17,069	77,985	50,486	334,916
10	Farm water users served directly.....water users 1959...	309	8,147	(D)	2,513	43	201	2,442	1,523	2,358
11	Total water conveyed.....acre-feet 1959...	151,039	319,777	(D)	683,382	5,665	92,935	262,193	280,036	1,161,358
12	Incorporated.....organizations 1959...	42	57	1	115	11	4	651	66	113
13	1949...	47	80	1	117	8	11	634	82	120
14	Farm area irrigated directly.....acres 1959...	79,179	33,680	(D)	146,039	13,037	27,601	912,058	56,651	283,851
15	Farm water users served directly.....water users 1959...	977	1,709	(D)	3,084	190	183	36,345	3,422	2,503
16	Total water conveyed.....acre-feet 1959...	326,731	68,692	(D)	613,757	27,418	116,459	3,296,892	383,613	1,303,796
17	District.....organizations 1959...	4	11	6	55	1	51	8	65	37
18	1949...	4	7	4	47	1	45	5	74	27
19	Farm area irrigated directly.....acres 1959...	120,327	(D)	(D)	(D)	(D)	647,223	20,167	274,703	(D)
20	Farm water users served directly.....water users 1959...	1,095	(D)	(D)	(D)	(D)	21,490	1,984	17,835	(D)
21	Total water conveyed.....acre-feet 1959...	718,088	(D)	(D)	(D)	(D)	1,324,691	75,753	1,404,850	(D)
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau...organizations 1959...	...	3	3	3	2	1	1	3	7
23	1949...	...	3	...	5	1	2	1	3	5
24	Farm area irrigated directly.....acres 1959...	...	132,325	1,319	12,645	11,382	59,023	1,030	333,179	40,540
25	Farm water users served directly.....water users 1959...	...	7,550	20	30	106	1,788	47	3,536	204
26	Total water conveyed.....acre-feet 1959...	...	682,987	3,908	44,701	48,955	299,762	29,414	1,933,708	210,089
27	*U. S. Bureau of Reclamation; operated by water users.....organizations 1959...*	2	4	4	32	1	3	13	7	12
28	*1949...*	...	...	...	11	1	2	10	11	NA
29	Farm area irrigated directly.....acres 1959...	107,655	67,594	25,376	391,972	(D)	106,650	36,279	169,912	190,769
30	Farm water users served directly.....water users 1959...	1,066	879	122	9,462	(D)	6,560	1,603	6,637	1,763
31	Total water conveyed.....acre-feet 1959...	501,043	227,060	90,052	2,754,120	(D)	207,491	275,113	860,011	1,679,308
32	U. S. Bureau of Indian Affairs....organizations 1959...	8	12	...	2	2	...	2	5	6
33	1949...	14	42	...	3	1	...	3	2	1
34	Farm area irrigated directly.....acres 1959...	(D)	6,712	...	1,790	(D)	...	62,528	(D)	29,767
35	Farm water users served directly.....water users 1959...	(D)	570	...	37	(D)	...	726	(D)	288
36	Total water conveyed.....acre-feet 1959...	(D)	79,170	...	11,275	(D)	...	269,110	(D)	194,550
37	Commercial.....organizations 1959...	1	1	...	...	...	18	1	2	1
38	1949...	2	1	...	...	...	27	2	3	2
39	Farm area irrigated directly.....acres 1959...	(D)	(D)	...	...	...	185,289	(D)	(D)	(D)
40	Farm water users served directly.....water users 1959...	(D)	(D)	...	...	...	892	(D)	(D)	(D)
41	Total water conveyed.....acre-feet 1959...	(D)	(D)	...	...	...	801,987	(D)	(D)	(D)
42	State.....organizations 1959...	...	...	...	...	...	1	...	...	...
43	1949...	...	...	1	...	...	...	...	...	...
44	Farm area irrigated directly.....acres 1959...	...	...	...	...	...	(D)	...	...	...
45	Farm water users served directly.....water users 1959...	...	...	...	...	...	(D)	...	...	...
46	Total water conveyed.....acre-feet 1959...	...	...	...	...	...	(D)	...	...	...
47	City.....organizations 1959...	...	...	1	2	...	3	5	...	1
48	1949...	...	2	...	3	...	3	7	4	...
49	Farm area irrigated directly.....acres 1959...	...	...	...	(D)	...	(D)	(D)	...	(D)
50	Farm water users served directly.....water users 1959...	...	...	...	(D)	...	(D)	(D)	...	(D)
51	Total water conveyed.....acre-feet 1959...	...	...	...	(D)	...	(D)	(D)	...	(D)

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

Summary Table 17 (Part 2 of 3).–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY STATES: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	18 States, total	Arizona	California	Colorado	Idaho	Kansas and Oklahoma	Louisiana	Montana	Nebraska
	TYPE OF SERVICE, 1959									
1	All water directly from surface and ground water sources.....organizations...	7,543	140	846	1,612	726	12	203	1,002	62
2	Total water conveyed.....acre-feet...	70,168,762	3,100,324	16,817,062	7,289,598	13,281,058	193,854	617,850	5,818,054	1,858,915
3	Water delivered.....acre-feet...	56,765,261	2,378,826	15,002,875	5,952,055	10,593,765	156,377	567,804	4,321,516	1,062,435
4	To farm and residential users only.....organizations...	7,228	136	793	1,532	673	11	203	979	57
5	acre-feet...	30,939,577	768,299	4,395,091	3,555,344	4,640,741	101,083	567,804	3,640,880	665,788
6	To farm and residential users and other irrigation organizations.....organizations...	259	2	37	67	47	...	...	23	4
7	Water to farm and residential users.....acre-feet...	10,388,158	649,600	1,300,836	1,347,291	3,811,043	...	...	427,198	309,536
8	Water to other irrigation organizations.....acre-feet...	5,779,328	88,300	1,472,554	618,736	1,968,856	...	...	253,438	76,733
9	To other irrigation organizations only.....organizations...	50	2	14	13	6	1	...	...	1
10	acre feet...	9,658,198	872,627	7,834,394	430,684	173,125	55,294	...	...	10,378
11	Part of water from other organizations.....organizations...	452	7	123	90	65	2	...	19	3
12	Total water conveyed.....acre-feet ..	15,896,595	630,007	10,545,371	1,032,046	2,296,945	99,435	...	182,575	35,919
13	From surface and ground water sources.....acre-feet...	2,828,497	161,463	504,793	416,086	871,115	13,094	...	154,807	2,577
14	From other irrigation organizations.....acre-feet...	13,068,098	468,544	10,040,578	615,960	1,425,830	86,341	...	27,768	33,342
15	Water delivered.....acre-feet...	13,148,549	489,253	8,368,444	874,508	2,006,786	61,218	...	142,374	3,956
16	To farm and residential users only.....organizations...	371	6	91	68	57	2	...	16	2
17	acre-feet...	5,856,526	272,272	2,779,735	289,233	1,635,569	61,218	...	109,052	1,104
18	To farm and residential users and other irrigation organizations.....organizations...	76	1	31	19	8	...	...	3	1
19	Water to farm and residential users.....acre-feet...	4,670,895	215,191	3,519,369	268,086	283,653	...	...	24,947	2,852
20	Water to other irrigation organizations.....acre-feet...	2,565,560	1,790	2,059,636	288,513	87,564	...	...	8,375	...
21	To other irrigation organizations only.....organizations...	4	...	1	2	...	...	...	...	...
22	acre-feet...	55,568	...	9,704	28,676	...	...	...	...	...
23	All of water from other organizations.....organizations...	674	8	97	205	129	...	...	23	3
24	Total water conveyed.....acre-feet...	5,576,351	831,811	1,506,218	816,434	1,148,473	...	...	234,261	199,012
25	Water delivered.....acre-feet...	4,809,757	692,512	1,353,965	716,404	1,016,273	...	...	173,785	116,414
26	To farm and residential users only.....organizations...	617	7	80	188	113	...	...	23	3
27	acre-feet...	3,791,038	492,199	1,163,366	559,500	575,119	...	...	173,785	116,414
28	To farm and residential users and other irrigation organizations.....organizations...	44	1	9	17	14	...	...	...	...
29	Water to farm residential users.....acre-feet...	432,924	159,154	20,091	91,119	158,849	...	...	...	...
30	Water to other irrigation organizations.....acre-feet...	402,575	41,159	11,893	65,785	280,856	...	...	...	...
31	To other irrigation organizations only.....organizations...	13	...	8	...	2	...	...	...	...
32	acre-feet...	183,220	...	158,615	...	1,449	...	...	...	...
33	No water conveyed.....organizations...	80	...	9	26	7	2	...	6	...
	WATER FROM OTHER SOURCES									
34	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	7,301	124	833	1,470	793	10	203	808	62
35	acres served...	16,487,956	398,253	3,693,391	1,987,469	2,102,467	133,631	297,471	1,407,584	848,109
36	acres irrigated...	13,903,569	308,298	3,064,803	1,782,783	1,938,766	90,578	185,539	1,159,439	687,083
37	Water delivered to farms.....acre-feet...	44,600,549	1,436,080	10,046,439	4,493,362	9,295,415	122,981	567,804	3,537,172	1,059,054
38	acre-feet per acre...	3.2	4.7	3.3	2.5	4.8	1.4	3.1	3.1	1.5
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	1,284	29	208	420	119	3	...	234	5
40	acres served...	4,677,298	369,969	1,714,108	1,059,677	423,745	21,416	...	265,041	44,769
41	acres irrigated...	3,797,272	337,322	1,225,914	893,987	403,650	15,890	...	215,633	37,839
42	Water delivered to farms.....acre-feet...	9,870,930	1,056,145	2,733,437	1,466,136	1,710,738	39,320	...	867,527	70,393
43	acre-feet per acre...	2.6	3.1	2.2	1.6	4.2	2.5	...	4.0	1.9

Summary Table 17 (Part 2 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY STATES: CENSUSES OF 1959 AND 1950—Continued

	Item (For definitions and explanations, see text)	Nevada	New Mexico	North Dakota	Oregon	South Dakota	Texas	Utah	Washington	Wyoming
	TYPE OF SERVICE, 1959									
1	All water directly from surface and ground water sources.....organizations...	88	428	9	627	24	84	796	312	613
2	Total water conveyed.....acre-feet...	1,064,385	1,419,407	108,724	4,139 701	169,283	2,616,143	3,079,998	4,897,865	4,836,975
3	Water delivered.....acre-feet...	834,106	932,369	71,922	2,999,487	99,798	1,954,653	2,640,664	3,721,298	3,475,311
4	To farm and residential users only.....organizations...	86	416	9	614	24	77	757	304	587
5	acre-feet...	629,545	708,823	71,922	1,915,020	99,798	1,506,914	1,790,347	3,405,213	2,476,965
6	To farm and residential users and other irrigation organizations.....organizations...	2	12	...	12	...	6	33	6	17
7	Water to farm and residential users.....acre-feet...	32,384	184,379	...	805,620	...	347,176	424,341	259,995	488,759
8	Water to other irrigation organizations.....acre-feet...	172,177	39,167	...	261,522	...	64,736	276,298	31,483	455,328
9	To other irrigation organizations only.....organizations...	...	...	...	1	...	1	5	2	6
10	acre feet...	...	...	...	17,325	...	35,827	149 678	24,607	54,259
11	Part of water from other organizations.....organizations...	1	11	...	15	...	8	75	12	27
12	Total water conveyed.....acre-feet ..	5,579	33,004	...	286,864	...	65,367	768,366	40,680	309,907
13	From surface and ground water sources.....acre-feet...	3,869	226	...	43,005	...	55,603	573,031	8,729	63,279
14	From other irrigation organizations.....acre-feet...	1,710	32,778	...	243,859	...	9,764	195,335	31,951	246,628
15	Water delivered.....acre-feet...	4,800	19,064	...	162,792	...	52,476	694,328	38,215	230,335
16	To farm and residential users only.....organizations...	1	10	...	15	...	6	65	11	25
17	acre-feet...	4,800	16,580	...	162,792	...	13,247	268,719	22,267	219,938
18	To farm and residential users and other irrigation organizations.....organizations...	...	1	...	...	...	2	9	1	2
19	Water to farm and residential users.....acre-feet...	...	1,680	...	...	...	38,893	302,047	9,900	4,277
20	Water to other irrigation organizations.....acre-feet...	...	804	...	...	...	336	106,374	6,048	6,120
21	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	1	...	...
22	acre-feet...	...	...	...	...	...	...	17,188	...	...
23	All of water from other organizations.....organizations...	26	7	...	4	...	11	107	23	35
24	Total water conveyed.....acre-feet...	188,071	7,193	...	34,988	...	91,135	363,447	45,935	269,079
25	Water delivered.....acre-feet...	177,366	5,000	...	33,034	...	69,793	311,423	38,015	105,773
26	To farm and residential users only.....organizations...	25	7	...	4	...	11	103	22	35
27	acre-feet...	159,762	5,000	...	33,034	...	69,793	300,033	37,260	105,773
28	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	2	1	...
29	Water to farm residential users.....acre-feet...	...	...	...	...	...	...	3,206	505	...
30	Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	2,632	250	...
31	To other irrigation organizations only.....organizations...	1	...	...	...	...	...	2	...	...
32	acre-feet...	17,604	...	...	...	...	...	5,552	...	...
33	No water conveyed.....organizations...	1	1	3	4	1	...	6	3	11
	WATER FROM OTHER SOURCES									
34	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	112	440	9	577	24	92	843	301	643
35	acres served...	323,174	441,358	80,203	809,820	89,614	1,278,873	1,033,131	840,631	1,300,767
36	acres irrigated...	273,889	350,653	72,012	760,014	84,144	861,652	883,664	746,002	1,198,763
37	Water delivered to farms.....acre-feet...	855,353	845,675	152,922	2,568,770	99,664	1,777,350	2,425,877	3,291,955	3,450,251
38	acre-feet per acre...	3.1	2.4	2.1	3.3	1.2	2.1	2.7	4.4	2.9
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	2	6	...	68	...	10	123	44	23
40	acres served...	439	32,543	...	331,481	...	120,880	294,360	112,501	46,896
41	acres irrigated...	439	25,490	...	323,564	...	82,166	251,055	105,671	38,100
42	Water delivered to farms.....acre-feet...	1,370	81,992	...	1,252,745	...	156,405	555,982	421,033	96,671
43	acre-feet per acre...	3.1	3.2	...	3.9	...	1.9	2.2	4.0	2.5

Summary Table 17 (Part 3 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY STATES: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	18 States, total	Arizona	California	Colorado	Idaho	Kansas and Oklahoma	Louisiana	Montana	Nebraska
	WATER DELIVERED PER ACRE									
	Organizations reporting NO water from other sources used on same land:									
1	0.1 to 0.9 acre-feet per acre.....organizations...	468	8	54	137	31	3	4	33	7
2	acres irrigated...	1,262,270	3,784	319,288	351,912	29,161	40,954	1,139	45,349	142,167
3	1.0 to 1.9 acre-feet per acre.....organizations...	1,543	26	175	347	117	5	57	138	24
4	acres irrigated...	3,179,906	14,539	485,243	539,475	126,289	40,340	27,481	323,156	431,215
5	2.0 to 2.9 acre-feet per acre.....organizations...	1,681	29	210	301	149	1	90	180	22
6	acres irrigated...	2,639,526	59,918	589,825	376,934	146,782	6,884	74,760	351,052	92,064
7	3.0 to 3.9 acre-feet per acre.....organizations...	1,307	23	163	205	112	...	38	154	8
8	acres irrigated...	2,111,608	10,874	606,260	162,064	240,532	...	23,157	169,165	17,448
9	4.0 to 4.9 acre-feet per acre.....organizations...	829	11	105	126	105	1	12	101	1
10	acres irrigated...	2,040,144	82,133	266,544	186,139	553,046	2,400	50,289	96,959	4,189
11	5.0 to 5.9 acre-feet per acre.....organizations...	511	17	51	115	89	...	2	76	...
12	acres irrigated...	1,444,832	100,778	633,831	63,036	408,167	...	8,713	56,390	...
13	6.0 to 6.9 acre-feet per acre.....organizations...	332	2	26	78	71	...	...	45	...
14	acres irrigated...	654,422	8,270	96,941	43,361	216,875	...	...	55,231	...
15	7.0 to 7.9 acre-feet per acre.....organizations...	222	1	23	48	37	...	...	32	...
16	acres irrigated...	211,791	60	39,090	17,001	79,827	...	...	18,899	...
17	8.0 to 9.9 acre-feet per acre.....organizations...	256	5	19	65	51	...	...	25	...
18	acres irrigated...	266,046	24,720	25,869	29,520	95,036	...	...	31,538	...
19	10.0 or more acre-feet per acre.....organizations...	152	2	7	48	31	...	...	24	...
20	acres irrigated...	93,024	3,222	1,912	13,341	43,051	...	...	11,700	...
	SIZE OF ORGANIZATION									
	Size of organization (number of farm irrigation water users served directly):									
21	None.....organizations...	164	2	35	45	15	3	...	9	1
22	1 to 3.....organizations...	2,811	25	227	810	249	...	99	519	6
23	water users...	6,672	58	536	1,921	582	...	224	1,216	16
24	4 to 9.....organizations...	2,459	32	277	540	268	1	78	303	6
25	water users...	14,002	190	1,589	3,072	1,563	4	404	1,664	36
26	10 to 29.....organizations...	1,754	34	245	348	227	5	13	132	16
27	water users...	28,311	579	3,924	4,973	3,621	73	211	2,065	283
28	30 to 99.....organizations...	972	39	147	151	106	4	9	62	18
29	water users...	50,993	2,147	7,624	7,927	5,790	247	378	3,224	1,129
30	100 to 299.....organizations...	369	16	80	51	38	2	1	19	13
31	water users...	60,896	2,688	13,414	7,634	6,055	357	345	3,287	2,052
32	300 to 999.....organizations...	168	5	49	16	15	1	3	5	6
33	water users...	81,392	1,874	23,750	6,917	8,771	423	1,597	2,351	2,943
34	1,000 or more.....organizations...	52	2	15	2	9	...	...	1	2
35	water users...	141,388	5,158	66,876	2,662	19,862	...	...	1,225	3,027
	Size of organization (acre-feet of water delivered directly to farms):									
36	None.....organizations...	164	2	35	45	15	3	...	9	1
37	1 to 299 acre-feet.....organizations...	1,982	45	394	431	140	1	47	139	1
38	acre-feet...	279,411	5,059	47,941	60,242	22,611	19	9,665	20,753	200
39	300 to 999 acre-feet.....organizations...	2,310	34	247	520	187	1	95	282	5
40	acre-feet...	1,348,478	19,301	135,136	314,300	111,155	800	51,832	169,190	3,179
41	1,000 to 2,999 acre-feet.....organizations...	2,046	30	137	489	212	1	34	317	14
42	acre-feet...	3,651,596	55,314	249,149	891,871	379,667	1,807	55,375	558,692	22,318
43	3,000 to 9,999 acre-feet.....organizations...	1,406	18	114	332	225	3	16	204	18
44	acre-feet...	7,577,594	108,055	653,363	1,761,332	1,254,319	17,295	78,537	1,082,748	117,387
45	10,000 to 29,999 acre-feet.....organizations...	546	10	78	96	88	6	6	78	21
46	acre-feet...	9,065,371	172,809	1,372,593	1,483,674	1,547,955	111,023	91,213	1,280,732	392,297
47	30,000 to 99,999 acre-feet.....organizations...	216	9	46	18	40	1	4	17	6
48	acre-feet...	11,453,599	466,188	2,642,298	956,806	1,979,238	31,357	172,378	819,805	335,417
49	100,000 or more acre-feet.....organizations...	79	7	24	2	20	...	1	4	2
50	acre-feet...	21,234,756	1,665,499	7,679,396	491,273	5,711,208	...	108,804	472,779	260,251
	Size of organization (acre-feet of water conveyed):									
51	None.....organizations...	80	...	9	27	7	2	...	6	...
52	1 to 299 acre-feet.....organizations...	1,707	42	359	377	115	2	43	113	1
53	acre-feet...	249,223	5,862	45,144	54,184	20,231	1,080	9,020	16,901	298
54	300 to 999 acre-feet.....organizations...	2,197	31	230	502	171	...	98	259	4
55	acre-feet...	1,259,360	19,500	123,932	306,540	101,339	...	56,311	161,877	2,991
56	1,000 to 2,999 acre-feet.....organizations...	2,059	28	139	479	208	1	35	313	12
57	acre-feet...	3,775,692	54,381	244,133	869,688	369,929	1,902	58,817	572,302	20,737
58	3,000 to 9,999 acre-feet.....organizations...	1,597	21	148	379	230	2	16	224	14
59	acre-feet...	8,634,680	104,194	842,395	2,038,341	1,265,329	9,620	84,511	1,231,228	85,029
60	10,000 to 29,999 acre-feet.....organizations...	681	13	93	126	108	7	6	98	22
61	acre-feet...	11,400,356	182,051	1,593,082	2,078,828	1,814,468	171,159	199,365	1,628,185	408,984
62	30,000 to 99,999 acre-feet.....organizations...	296	10	52	35	58	2	4	31	10
63	acre-feet...	16,001,925	579,627	2,855,070	1,918,744	2,853,797	109,528	183,100	1,630,955	507,006
64	100,000 or more acre-feet.....organizations...	132	10	45	8	30	...	1	6	5
65	acre-feet...	50,320,472	9,576,626	24,160,998	1,879,907	10,353,325	...	128,004	1,025,214	1,134,926

Summary Table 17 (Part 3 of 3).—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION BY STATES: CENSUSES OF 1959 AND 1950—Continued

	Item (For definitions and explanations, see text)	Nevada	New Mexico	North Dakota	Oregon	South Dakota	Texas	Utah	Washington	Wyoming
	WATER DELIVERED PER ACRE									
	Organizations reporting NO water from other sources used on same land:									
1	0.1 to 0.9 acre-feet per acre.....organizations...	3	45	2	28	6	12	53	4	44
2	acres irrigated...	2,172	23,989	7,375	20,602	58,640	122,405	68,354	1,500	42,894
3	1.0 to 1.9 acre-feet per acre.....organizations...	19	158	4	90	12	26	162	16	176
4	acres irrigated...	43,492	105,215	15,001	80,036	10,345	397,651	242,583	12,689	479,080
5	2.0 to 2.9 acre-feet per acre.....organizations...	33	119	2	127	1	20	219	39	154
6	acres irrigated...	80,069	132,612	48,465	221,968	800	84,054	252,966	19,052	253,650
7	3.0 to 3.9 acre-feet per acre.....organizations...	31	72	...	132	5	16	188	62	105
8	acres irrigated...	120,564	22,802	...	162,184	14,359	208,095	130,228	142,687	164,524
9	4.0 to 4.9 acre-feet per acre.....organizations...	15	24	1	84	...	5	101	71	68
10	acres irrigated...	12,491	56,189	1,171	167,226	...	13,651	103,395	397,735	95,038
11	5.0 to 5.9 acre-feet per acre.....organizations...	5	5	...	37	...	6	44	34	32
12	acres irrigated...	7,004	469	...	63,509	...	28,628	22,837	13,426	79,363
13	6.0 to 6.9 acre-feet per acre.....organizations...	3	3	...	25	...	3	42	17	18
14	acres irrigated...	1,375	240	...	24,932	...	6,468	42,565	137,740	25,424
15	7.0 to 7.9 acre-feet per acre.....organizations...	2	3	...	16	...	2	16	26	17
16	acres irrigated...	5,390	490	...	5,774	...	170	4,495	6,874	34,461
17	8.0 to 9.9 acre-feet per acre.....organizations...	...	3	...	28	...	1	13	31	15
18	acres irrigated...	...	2,530	...	11,972	...	300	14,947	13,999	15,615
19	10.0 or more acre-feet per acre.....organizations...	1	8	...	10	...	1	5	1	14
20	acres irrigated...	1,332	6,117	...	1,811	...	230	1,294	300	8,714
	SIZE OF ORGANIZATION									
	Size of organization (number of farm irrigation water users served directly):									
21	None.....organizations...	2	2	3	5	1	1	17	5	20
22	1 to 3.....organizations...	31	61	1	220	5	15	134	105	307
23	water users...	71	148	3	541	11	36	330	250	736
24	4 to 9.....organizations...	42	88	2	250	9	21	264	84	202
25	water users...	244	504	12	1,386	57	120	1,593	478	1,106
26	10 to 29.....organizations...	25	162	4	104	6	23	286	70	104
27	water users...	440	2,607	71	1,741	106	403	4,804	1,077	1,639
28	30 to 99.....organizations...	12	107	1	44	2	17	178	47	34
29	water users...	645	4,979	51	2,411	64	1,037	9,373	2,452	1,977
30	100 to 299.....organizations...	3	21	...	11	1	13	74	18	13
31	water users...	314	2,813	...	2,232	106	2,332	12,558	3,221	1,960
32	300 to 999.....organizations...	1	3	1	13	1	4	31	13	5
33	water users...	952	1,107	338	7,304	372	3,110	14,682	6,683	2,378
34	1,000 or more.....organizations...	...	3	...	3	...	9	...	8	1
35	water users...	...	9,050	...	7,238	...	16,552	...	15,637	1,512
	Size of organization (acre-feet of water delivered directly to farms):									
36	None.....organizations...	2	2	3	5	1	1	17	5	20
37	1 to 299 acre-feet.....organizations...	7	222	1	152	7	9	204	93	90
38	acre-feet...	1,032	26,975	154	22,194	1,059	1,406	29,845	14,598	15,858
39	300 to 999 acre-feet.....organizations...	20	137	2	198	6	12	292	99	178
40	acre-feet...	13,805	69,897	1,228	120,113	3,737	6,806	170,933	52,476	107,625
41	1,000 to 2,999 acre-feet.....organizations...	37	54	...	156	6	26	266	73	202
42	acre-feet...	64,923	86,432	...	282,017	10,233	59,876	464,367	132,376	349,147
43	3,000 to 9,999 acre-feet.....organizations...	35	21	4	85	3	19	150	46	128
44	acre-feet...	207,807	102,539	19,332	424,468	12,036	105,767	794,121	258,275	661,913
45	10,000 to 29,999 acre-feet.....organizations...	13	6	1	34	...	14	42	23	38
46	acre-feet...	218,642	108,471	16,218	588,769	...	252,979	676,074	337,447	571,290
47	30,000 to 99,999 acre-feet.....organizations...	1	3	...	13	2	18	11	6	26
48	acre-feet...	71,200	162,202	...	671,564	72,599	972,879	504,174	286,472	1,309,022
49	100,000 or more acre-feet.....organizations...	1	2	1	7	...	4	2	5	4
50	acre-feet...	279,314	371,151	116,000	1,712,390	...	534,042	350,595	2,631,344	532,067
	Size of organization (acre-feet of water conveyed):									
51	None.....organizations...	1	1	3	4	1	...	6	3	11
52	1 to 299 acre-feet.....organizations...	6	201	1	129	5	8	159	78	68
53	acre-feet...	972	25,807	154	18,619	620	1,248	24,759	12,197	12,127
54	300 to 999 acre-feet.....organizations...	13	134	2	193	5	12	277	101	168
55	acre-feet...	8,105	68,620	1,410	114,946	2,755	6,836	165,271	54,798	100,805
56	1,000 to 2,999 acre-feet.....organizations...	43	68	...	160	7	18	280	69	210
57	acre-feet...	77,388	110,878	...	281,400	11,458	115,072	503,339	124,221	380,470
58	3,000 to 9,999 acre-feet.....organizations...	35	27	4	102	5	20	183	53	145
59	acre-feet...	219,924	137,085	21,870	500,118	20,040	96,221	976,565	277,126	796,849
60	10,000 to 29,999 acre-feet.....organizations...	15	9	1	36	...	17	55	31	53
61	acre-feet...	258,103	152,898	20,290	627,723	...	289,433	891,891	478,451	882,682
62	30,000 to 99,999 acre-feet.....organizations...	1	4	...	17	2	22	22	10	23
63	acre-feet...	97,000	234,173	...	917,736	138,890	1,323,198	1,177,470	544,333	1,353,904
64	100,000 or more acre-feet.....organizations...	2	3	1	9	...	6	2	5	8
65	acre-feet...	605,303	785,733	212,000	3,067,787	...	944,637	498,441	3,536,669	1,894,462

Summary Table 18.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	18 States, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	8,749	4,989	2,737	558	54	147	411
1949...	10,491	6,464	2,884	483	37	NA	623
Service area, 1959:							
Area served, as reported by organizations.....acres...	21,165,254	2,458,917	7,898,967	8,189,790	831,003	3,620,787	1,786,577
Area irrigated, as reported by organizations.....acres...	17,700,841	2,067,317	6,732,753	6,920,527	710,904	3,301,541	1,269,340
Water users served, 1959, total.....water users...	1,612,111	46,201	281,899	290,873	21,169	121,604	971,969
Farm irrigation water users:.....water users...	383,654	32,360	129,375	178,619	14,748	62,998	28,552
Residential water users.....water users...	1,204,339	13,718	148,178	111,585	6,334	55,011	924,524
Other water users.....water users...	24,118	123	4,346	669	87	3,595	18,893
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	7,543	4,683	2,089	376	24	89	371
Total water conveyed.....acre-feet...	70,168,762	7,847,566	23,398,479	20,578,231	12,959,902	11,167,168	5,384,584
Water delivered.....acre-feet...	56,765,261	6,612,777	18,803,039	15,649,050	11,553,457	8,138,081	4,146,938
To farm and residential users only.....organizations...	7,228	4,647	1,882	330	11	63	358
acre-feet...	30,939,577	6,428,760	10,182,820	9,000,640	1,910,088	3,340,034	3,417,269
To farm and residential users and other irrigation organizations.....organizations...	259	26	176	41	6	20	10
Water to farm and residential users.....acre-feet...	10,388,158	49,946	5,390,596	4,162,219	399,768	3,361,354	385,629
Water to other irrigation organizations.....acre-feet...	5,779,328	47,930	2,717,386	1,591,190	1,310,169	1,256,023	112,653
To other irrigation organizations only.....organizations...	50	8	27	5	7	6	3
acre-feet...	9,658,198	86,141	512,237	895,001	7,933,432	180,670	231,387
Part of water from other organizations.....organizations...	452	107	236	82	2	23	25
Total water conveyed.....acre-feet...	15,896,595	236,049	4,052,879	9,945,563	131,288	6,536,032	1,530,816
From surface and ground water sources.....acre-feet...	2,828,497	86,589	619,634	1,001,391	[1]-24,494	[1]-1,127,375	1,145,377
From other irrigation organizations.....acre-feet...	13,068,098	149,460	3,433,245	8,944,172	155,782	6,939,558	385,439
Water delivered.....acre-feet...	13,148,549	196,884	3,351,702	8,203,719	90,620	4,956,783	1,305,624
To farm and residential users only.....organizations...	371	105	182	67	2	20	15
acre-feet...	5,856,526	184,212	1,937,208	3,498,750	90,620	668,700	145,736
To farm and residential users and other irrigation organizations.....organizations...	76	2	50	15	...	5	9
Water to farm and residential users.....acre-feet...	4,670,895	11,868	935,377	2,713,206	...	2,486,381	1,010,444
Water to other irrigation organizations.....acre-feet...	2,565,560	804	450,441	1,982,059	...	1,801,704	132,256
To other irrigation organizations only.....organizations...	4	...	2	1	...	...	1
acre-feet...	55,568	...	28,676	9,704	...	...	17,188
All of water from other organizations.....organizations...	674	193	377	89	2	23	13
Total water conveyed.....acre-feet...	5,576,351	312,247	2,524,208	2,407,739	71,747	816,005	260,410
Water delivered.....acre-feet...	4,809,757	275,227	2,239,587	2,072,880	53,984	1,428,299	168,079
To farm and residential users only.....organizations...	617	183	343	79	2	19	10
acre-feet...	3,791,038	255,836	1,614,618	1,705,503	53,984	1,216,562	161,097
To farm and residential users and other irrigation organizations.....organizations...	44	7	31	5	...	2	1
Water to farm and residential users.....acre-feet...	432,924	7,743	257,367	166,597	...	165,258	1,217
Water to other irrigation organizations.....acre-feet...	402,575	8,826	341,664	49,787	...	42,502	2,298
To other irrigation organizations only.....organizations...	13	3	3	5	...	1	2
acre-feet...	183,220	2,822	25,938	150,993	...	3,979	3,467
No water conveyed.....organizations...	80	7	35	9	27	7	2
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	7,301	4,339	2,124	441	19	103	378
acres served...	16,487,956	2,049,449	5,520,210	6,578,244	829,973	2,695,464	1,510,080
acres irrigated...	13,903,569	1,734,282	4,748,411	5,680,618	709,874	2,426,581	1,030,384
water delivered to farms (acre-feet)...	44,600,549	5,833,767	15,400,864	17,241,698	2,439,257	8,436,282	3,684,963
acre-feet per acre...	3.2	3.4	3.2	3.0	3.4	3.5	3.6
Organizations reporting water from other sources used on land served by the organization.....organizations...	1,284	629	539	95	1	24	24
acres served...	4,677,298	409,468	2,378,757	1,611,546	1,030	729,786	276,497
acres irrigated...	3,797,272	333,035	1,984,342	1,239,909	1,030	696,298	238,956
water delivered to farms (acre-feet)...	9,862,683	1,042,482	4,427,146	3,654,230	3,089	329,365	735,736
acre-feet per acre...	2.6	3.1	2.2	2.9	3.0	0.3	3.1
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	4,177	2,191	1,389	369	38	127	190
By U. S. B. R.....dollars...	795,970,391	...	12,994,596	223,853,290	559,122,505	236,847,886	...
By water users organizations.....dollars...	243,623,484	5,951,420	52,586,056	155,356,345	...	48,686,427	29,729,663

See footnotes at end of table.

Summary Table 18.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATION, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	18 States, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	8,668	4,982	2,701	548	27	140	410
acre-feet...	72,997,259	7,934,155	24,018,113	21,597,730	12,917,300	9,363,103	6,529,961
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	7,994	4,787	2,325	460	25	117	397
acre-feet...	72,997,259	7,934,155	24,018,113	21,597,730	12,917,300	9,363,103	6,529,961
Surface water.....organizations...	6,984	4,311	1,973	423	25	116	252
acre-feet...	68,685,789	7,583,049	22,305,174	20,194,167	12,607,865	8,548,050	5,995,534
Ground water.....organizations...	1,266	534	467	76	5	12	184
acre-feet...	4,311,470	351,106	1,712,939	1,403,563	309,435	815,053	534,427
From other organizations in the basin.....organizations receiving...	1,123	299	613	169	4	44	38
acre-feet...	18,644,449	461,707	5,957,453	11,351,911	227,529	9,971,908	645,849
Total leaving conveyance systems.....organizations...	8,668	4,982	2,701	548	27	138	410
acre-feet...	72,997,259	8,249,339	25,899,224	28,260,529	3,911,606	16,917,042	6,676,561
Conveyance loss in basin.....organizations...	7,238	4,246	2,202	438	20	122	332
acre-feet...	15,847,148	1,278,706	5,305,070	6,646,791	1,359,041	4,518,194	1,257,540
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	8,604	4,972	2,670	536	21	131	405
acre-feet...	57,150,111	6,970,633	20,594,154	21,613,738	2,552,565	11,501,751	5,419,021
To farm irrigation water users.....organizations...	8,585	4,967	2,661	534	20	127	403
acre-feet...	54,471,479	6,876,249	19,836,257	20,895,928	2,442,346	11,130,126	4,420,699
To domestic water users.....organizations...	998	273	523	132	6	38	64
acre-feet...	1,607,639	62,116	481,729	350,987	12,114	182,170	700,693
For other use.....organizations...	296	50	139	64	7	24	36
acre-feet...	1,070,993	32,268	276,168	366,823	98,105	189,455	297,629
Delivered to other irrigation organizations.....organizations delivering...	444	45	289	72	12	31	26
acre-feet...	18,644,449	146,523	4,076,342	4,689,112	9,233,223	3,284,876	499,249
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	164	22	76	23	34	14	9
1 to 3 water users.....organizations...	2,811	2,532	160	18	...	1	102
4 to 9 water users.....organizations...	2,459	1,715	593	44	1	3	106
10 to 29 water users.....organizations...	1,754	571	1,005	105	2	8	74
30 to 99 water users.....organizations...	972	130	625	143	6	28	67
100 to 299 water users.....organizations...	369	18	213	104	5	40	29
300 to 999 water users.....organizations...	168	1	57	88	1	43	17
1,000 or more water users.....organizations...	52	...	8	33	5	10	6
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	164	22	76	23	34	14	9
1 to 299 acre-feet.....organizations...	1,982	1,542	323	25	...	3	92
300 to 999 acre-feet.....organizations...	2,310	1,638	524	32	...	6	116
1,000 to 2,999 acre-feet.....organizations...	2,046	1,210	683	72	...	8	81
3,000 to 9,999 acre-feet.....organizations...	1,406	510	707	132	5	21	52
10,000 to 29,999 acre-feet.....organizations...	546	63	325	130	3	28	25
30,000 to 99,999 acre-feet.....organizations...	216	4	83	97	6	39	26
100,000 or more acre-feet.....organizations...	79	...	16	47	6	28	10
Size of organization (acre-feet of water conveyed):							
None.....organizations...	80	6	35	10	27	7	2
1 to 299 acre-feet.....organizations...	1,707	1,362	256	13	...	1	76
300 to 999 acre-feet.....organizations...	2,197	1,599	458	28	...	4	112
1,000 to 2,999 acre-feet.....organizations...	2,059	1,273	662	52	...	9	72
3,000 to 9,999 acre-feet.....organizations...	1,597	641	756	133	3	18	64
10,000 to 29,999 acre-feet.....organizations...	681	101	395	140	4	32	41
30,000 to 99,999 acre-feet.....organizations...	296	7	142	112	9	33	26
100,000 or more acre-feet.....organizations...	132	...	33	70	11	43	18

NA Not available. [1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply to the basin or State.

Summary Table 19.– NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION: CENSUS OF 1959

	Item (For definitions and explanations, see text)	18 States, total			
		Size of organization (by total water conveyed)			
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations....organizations...	3,984	3,656	977	132
	TYPE OF SERVICE				
2	All water directly from surface and ground sources....organizations...	3,629	3,060	758	96
3	Total water conveyed....acre-feet...	1,418,782	10,162,521	20,982,477	37,604,982
4	Water delivered....acre-feet...	1,250,901	8,535,875	16,585,362	30,393,123
5	To farm and residential users only....organizations...	3,604	2,957	619	48
6	acre-feet...	1,236,534	8,134,885	12,480,997	9,087,161
7	To farm and residential users and other irrigation organizations....organizations...	15	85	119	40
8	Water to farm and residential users....acre-feet...	7,748	219,334	2,059,707	8,101,369
9	Water to other irrigation organizations....acre-feet...	2,485	119,772	1,538,548	4,118,523
10	To other irrigation organizations only....organizations...	7	16	19	8
11	acre-feet...	4,134	61,884	506,110	9,086,070
12	Part of water from other organizations....organizations...	106	194	126	26
13	Total water conveyed....acre-feet...	49,458	782,426	4,161,981	10,902,730
14	From surface and ground water sources....acre-feet...	16,195	343,294	1,753,053	715,955
15	From other irrigation organizations....acre-feet...	33,263	439,132	2,408,928	10,186,775
16	Water delivered....acre-feet...	44,055	673,812	3,581,181	8,849,501
17	To farm and residential users only....organizations...	103	172	81	15
18	acre-feet...	42,699	569,909	2,376,181	2,867,737
19	To farm and residential users and other irrigation organizations....organizations...	3	21	41	11
20	Water to farm and residential users....acre-feet...	957	62,317	704,539	3,903,082
21	Water to other irrigation organizations....acre-feet...	399	35,286	451,193	2,078,682
22	To other irrigation organizations only....organizations...	...	1	3	...
23	acre-feet...	...	6,300	49,268	...
24	All of water from other organizations....organizations...	169	402	93	10
25	Total water conveyed....acre-feet...	75,343	1,465,425	2,257,823	1,777,760
26	Water delivered....acre-feet...	67,498	1,292,830	1,869,419	1,580,010
27	To farm and residential users only....organizations...	159	376	75	7
28	acre-feet...	63,454	1,190,089	1,484,965	1,052,530
29	To farm and residential users and other irrigation organizations....organizations...	9	18	15	2
30	Water to farm and residential users....acre-feet...	1,929	45,768	178,861	206,366
31	Water to other irrigation organizations....acre-feet...	1,691	35,249	159,881	205,754
32	To other irrigation organizations only....organizations...	1	8	3	1
33	acre-feet...	424	21,724	45,712	115,360
34	No water conveyed....organizations...	80	...	...	...
	WATER FROM OTHER SOURCES				
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	3,393	3,062	745	101
36	acres served...	834,080	3,580,196	5,971,417	6,102,263
37	acres irrigated...	568,068	2,910,467	4,895,782	5,529,252
38	Organizations reporting water from other sources used on land served by the organization....organizations...	496	563	203	22
39	acres served...	172,897	1,070,474	2,211,416	1,222,511
40	acres irrigated...	119,016	777,540	1,720,830	1,179,886
	NEW CAPITAL INVESTMENT, 1950-1959				
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	1,574	1,876	625	102
42	dollars...	125,642,357	169,969,032	224,044,750	519,937,736
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959				
43	Total entering conveyance systems in basin....organizations...	3,904	3,656	976	132
44	acre-feet...	1,399,977	10,505,815	22,735,530	38,355,937
45	From another drainage basin....organizations...	...	...	...	...
46	acre-feet...	...	...	...	...
47	From Drainage Basin number....D. B. No....	...	...	...	...
48	From natural sources within basin....organizations...	3,736	3,253	882	123
49	acre-feet...	1,399,977	10,505,815	22,735,530	38,355,937
50	Surface water....organizations...	2,959	3,058	845	122
51	acre-feet...	1,139,745	9,827,106	21,487,556	36,231,382
52	Ground water....organizations...	833	303	103	27
53	acre-feet...	260,232	678,709	1,247,974	2,124,555
54	*From other organizations in the basin....organizations receiving...*	277	596	215	35
55	*acre-feet...*	108,606	1,904,557	4,666,751	11,964,535
56	Total leaving conveyance systems....organizations...	3,904	3,656	976	132
57	acre-feet...	1,499,450	12,130,157	24,651,569	34,716,083
58	Conveyance loss in basin....organizations...	2,958	3,294	866	120
59	acre-feet...	207,135	1,740,518	4,810,909	9,088,586
60	Conveyed to another drainage basin....organizations...	...	...	...	...
61	acre-feet...	...	...	...	...
62	To drainage basin number....D. B. No....	...	...	...	...
63	Delivered for use in the basin....organizations...	3,895	3,629	954	126
64	acre-feet...	1,292,315	10,389,639	19,840,660	25,627,497
65	To farm irrigation water users....organizations...	3,892	3,622	948	123
66	acre-feet...	1,260,131	9,908,012	18,851,128	24,452,208
67	To residential water users....organizations...	351	433	182	32
68	acre-feet...	28,090	314,390	434,122	831,037
69	For other use....organizations...	38	130	96	32
70	acre-feet...	4,094	167,237	555,410	344,252
71	*Delivered to other irrigation organizations....organizations delivering...*	35	150	198	61
72	*acre-feet...*	9,133	280,215	2,750,712	15,604,389
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959				
	Per acre irrigated, as reported by irrigation organization:				
73	All organizations....acre-feet...	2.0	2.7	2.8	3.7
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	3,393	3,062	745	101
75	acre-feet...	2.0	2.8	3.0	3.7

Summary Table 20.–ORGANIZATIONS REPORTING QUANTITIES OF IRRIGATION WATER DELIVERED DIRECT TO FARMS AND TO OTHER ORGANIZATIONS, 1959 AND 1949; FOR USES OTHER THAN IRRIGATION, 1959; AND AVERAGE QUANTITY OF WATER DELIVERED TO FARMS PER ACRE OF IRRIGATED LAND, 1959, 1949, AND 1939

[Interstate organizations are counted in each State in which they had irrigation works; but only once in the 18 States total. See text]

State	Water delivered[1]										Average quantity of water delivered to farms per acre of irrigated land[2] (Acre-feet)		
	Direct to farms				To other organizations				For use other than irrigation				
	Organizations reporting		Acre-feet		Organizations reporting		Acre-feet		Organizations reporting, 1959	Acre-feet, 1959			
	1959	1949	1959	1949	1959	1949	1959	1949			1959	1949	1939
18 States, total....	8,585	9,283	54,471,479	45,223,037	444	1,801	18,644,449	23,143,852	1,161	2,678,632	3.1	3.4	3.1
Arizona.....	153	147	2,487,199	2,079,862	5	27	1,003,876	458,865	27	137,621	3.9	4.0	3.7
California.....	1,039	1,277	12,350,452	8,962,033	96	246	11,546,796	5,663,456	275	1,256,556	3.0	3.1	2.8
Colorado.....	1,888	2,075	5,943,099	6,201,791	118	460	1,432,394	1,945,226	161	313,227	2.2	2.9	2.9
Idaho.....	911	933	10,884,661	10,046,095	76	209	2,511,850	8,209,304	122	236,124	4.7	5.3	5.7
Kansas and Oklahoma....	13	12	162,301	88,657	1	7	55,294	12,495	1	3,921	1.5	1.7	1.6
Louisiana.....	203	312	567,804	515,760	...	13	...	7,460	...	...	3.1	2.0	2.4
Montana.....	1,041	965	4,333,721	3,543,947	26	196	261,813	627,795	37	55,255	3.2	3.3	2.3
Nebraska.....	66	63	1,095,537	950,477	4	17	87,111	172,182	1	157	1.6	1.9	2.4
Nevada.....	113	152	824,592	931,394	3	25	189,781	345,466	13	10,730	3.1	3.0	3.3
New Mexico.....	445	593	900,617	1,230,618	12	26	39,971	266,517	82	26,874	2.5	2.9	3.0
North Dakota.....	9	5	71,922	165,952	...	1	...	1,800	...	...	1.8	2.4	1.8
Oregon.....	645	608	2,885,053	3,113,333	11	138	278,847	817,108	49	63,774	3.4	3.4	3.6
South Dakota.....	24	20	99,088	106,202	...	3	...	1,470	4	710	1.2	1.6	1.1
Texas.....	102	107	1,933,755	2,577,914	9	48	100,899	357,990	33	267,852	2.0	2.3	2.5
Utah.....	965	1,008	2,956,192	3,084,332	52	151	557,722	1,214,120	262	211,821	2.7	3.1	3.2
Washington.....	345	392	3,697,304	2,479,273	10	100	62,388	2,012,537	57	66,937	4.4	5.2	5.6
Wyoming.....	659	668	3,278,182	2,405,796	25	158	515,707	3,972,444	38	27,073	3.1	2.6	2.2

[1]Water delivered by Interstate organizations is the amount delivered within the State only for 1959, but is for the entire organization in 1949. See text.
[2]For 1959, 1949, and 1939 calculated average quantity of water per acre for total irrigated land, all irrigation organizations, primary and supplemental irrigation combined.

STATE TABLES

ARIZONA

(81)

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	The State (Gulf of California)	Gulf of California excluding Colorado River (IV-A)			Colorado River, total	Colorado River below Lees Ferry, excluding Gila River (IV-B)			
			Total	Vamori (Valshni) Wash (1)	Whitewater Draw (2)		Total	Colorado River direct		
								Total	Below Imperial Dam (1a)	Above Imperial Dam (1b)
1	Total acres irrigated in Census year.....1959...	1,152,450	22,000	4,000	18,000	1,130,000	168,000	146,000	96,000	50,000
2	1949...	979,114	10,966	2,555	8,411	968,148	104,723	87,700	71,255	16,445
3	Irrigation organizations.....organizations 1959...	155	1	1	...	154	42	13	8	5
4	1949...	163	3	3	...	160	42	10	3	8
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	766,448	(D)	(D)	...	764,948	217,347	190,946	155,130	35,816
6	Farm area reported irrigated by organizations.....acres 1959...	643,846	(D)	(D)	...	642,846	176,569	161,014	129,870	31,144
7	Water users served, total.....water users 1959...	43,729	(D)	(D)	...	43,727	2,530	1,277	998	279
8	Farm irrigation water users.....water users 1959...	12,555	(D)	(D)	...	12,553	2,133	1,149	918	231
9	Residential water users.....water users 1959...	27,727	...	...	...	27,727	381	116	70	46
10	Other water users.....water users 1959...	3,447	...	...	...	3,447	16	12	10	2
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	772,353	22,000	4,000	18,000	750,000	31,000	23,000	17,000	6,000
12	Surface water sources.....acres...	380,097	...	...	...	380,000	137,000	123,000	79,000	44,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	155	1	1	...	154	42	13	8	5
14	acre-feet...	3,558,266	(D)	(D)	...	3,555,116	1,227,995	1,180,410	917,279	263,131
15	From another drainage basin.....organizations...	1	...	...	...	1	1	1	1	...
16	acre-feet...	299,479	...	...	...	299,479	299,479	299,479	299,479	...
17	From drainage basin number.....D. B. No....	...	...	...	...	...	...	...	Calif. IV-B-1a	...
18	From natural sources within basin...organizations...	146	1	1	...	145	36	7	2	5
19	acre-feet...	3,258,787	(D)	(D)	...	3,255,637	928,516	880,931	617,800	263,131
20	Surface water.....organizations...	117	...	...	...	117	33	7	2	5
21	acre-feet...	1,991,449	...	...	...	1,991,449	920,000	880,881	617,800	263,081
22	Ground water.....organizations...	63	1	1	...	62	6	1	...	1
23	acre-feet...	1,267,338	(D)	(D)	...	1,264,188	8,516	50	...	50
24	*From other organizations in the basin.....organizations receiving...*	14	...	...	...	14	6	6	6	...
25	*acre-feet...*	1,003,876	...	...	...	1,003,876	701,694	701,694	701,694	...
26	Total leaving conveyance systems.....organizations...	155	1	1	...	154	42	13	8	5
27	acre-feet...	3,558,266	(D)	(D)	...	3,555,116	1,227,995	1,180,410	917,279	263,131
28	Conveyance loss in basin.....organizations...	148	1	1	...	147	38	10	5	5
29	acre-feet...	925,506	(D)	(D)	...	925,356	255,903	245,370	144,416	100,954
30	Conveyed to another drainage basin..organizations...	1	...	...	...	1	1	...	...	...
31	acre-feet...	7,940	...	...	...	7,940	7,940	...	...	...
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	153	1	1	...	152	41	12	7	5
34	acre-feet...	2,624,820	(D)	(D)	...	2,621,820	964,152	935,040	772,863	162,177
35	To farm irrigation water users...organizations...	153	1	1	...	152	41	12	7	5
36	acre-feet...	2,487,199	(D)	(D)	...	2,484,199	960,533	932,263	770,536	161,727
37	To residential water users.....organizations...	24	...	...	...	24	8	3	2	1
38	acre-feet...	69,516	...	...	...	69,516	1,240	640	440	200
39	For other use.....organizations...	10	...	...	...	10	3	2	1	1
40	acre-feet...	68,105	...	...	...	68,105	2,379	2,137	1,887	250
41	*Delivered to other irrigation organizations..... organizations delivering...*	5	...	...	...	5	3	3	3	...
42	*acre-feet...*	1,003,876	...	...	...	1,003,876	701,694	701,694	701,694	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.9	(D)	(D)	...	3.9	5.4	5.8	5.9	5.2
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	76	1	1	...	75	15	7	4	3
45	dollars...	62,924,613	(D)	(D)	...	62,424,613	41,137,602	40,945,315	32,942,315	8,003,000

D Data not shown to avoid disclosure of information for individual organizations.

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Colorado River below Lees Ferry, excluding Gila River (IV-B)—Continued				Gila River (IV-C)					
			Little Colorado River				Gila River direct				
		Virgin River (3a)	Total	Below Hunt (4a)	Above Hunt (4b)	Total	Total	Below Gillespie Dam (1a)	Gillespie Dam to Laveen Gage (including Salt and Aqua Fria Rivers) (1b)	Laveen Gage to Coolidge Dam (1c)	Above Coolidge Dam (1d)
1	Total acres irrigated in Census year.....1959...	2,000	20,000	11,000	9,000	961,000	661,000	72,000	426,000	112,000	51,000
2	1949...	684	16,339	9,332	7,007	857,039	594,836	27,989	438,393	87,576	40,878
3	Irrigation organizations.....organizations 1959...	4	25	18	7	83	49	...	12	8	29
4	1949...	4	27	18	9	96	67	3	25	6	33
	Service area, 1959:										
5	Farm area reported served by organizations.....acres 1959...	690	25,711	10,167	15,544	522,099	467,804	...	328,222	96,520	43,062
6	Farm area reported irrigated by organizations.....acres 1959...	690	14,865	5,533	9,332	454,358	417,534	...	308,582	66,446	42,506
7	Water users served, total.....water users 1959...	24	1,229	725	504	39,438	36,536	...	33,291	2,088	1,157
8	Farm irrigation water users.....water users 1959...	24	960	599	361	9,062	8,216	...	5,026	2,069	1,121
9	Residential water users.....water users 1959...	...	265	122	143	26,945	24,894	...	24,858	...	36
10	Other water users.....water users 1959...	...	4	4	...	3,431	3,426	...	3,407	19	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959										
11	Ground water sources.....acres...	1,000	7,000	5,000	2,000	719,000	444,000	11,000	323,000	71,000	39,000
12	Surface water sources.....acres...	1,000	13,000	6,000	7,000	242,000	217,000	61,000	103,000	41,000	12,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959										
13	Total entering conveyance systems in basin.....organizations...	4	25	18	7	83	49	...	12	8	29
14	acre-feet...	11,965	35,620	23,356	12,264	2,277,765	2,132,681	...	1,617,866	351,040	165,267
15	From another drainage basin.....organizations...	...	...	...	...	...	1	...	1	1	...
16	acre-feet...	...	...	...	...	...	212,580	...	212,580	1,492	...
17	From drainage basin number.....D. B. No....	...	...	...	...	...	...	...	IV-C-2	IV-C-1b	...
18	From natural sources within basin...organizations...	4	25	18	7	80	46	...	11	6	29
19	acre-feet...	11,965	35,620	23,356	12,264	2,277,765	1,920,101	...	1,405,286	349,548	165,267
20	Surface water.....organizations...	4	22	16	6	57	34	...	7	2	25
21	acre-feet...	11,965	27,154	16,234	10,920	1,041,712	804,510	...	515,975	198,245	90,290
22	Ground water.....organizations...	2	5	3	2	50	37	...	9	6	22
23	acre-feet...	...	8,466	7,122	1,344	1,236,053	1,115,591	...	889,311	151,303	74,977
24	*From other organizations in the basin.....organizations receiving...*	...	...	...	...	8	8	...	6	2	...
25	*acre-feet...*	...	...	...	...	302,182	302,182	...	88,300	213,882	...
26	Total leaving conveyance systems.....organizations...	4	25	18	7	83	49	...	12	8	29
27	acre-feet...	11,965	35,620	23,356	12,264	2,277,765	2,132,681	...	1,617,866	351,040	165,267
28	Conveyance loss in basin.....organizations...	4	24	18	6	81	49	...	12	8	29
29	acre-feet...	1,759	8,774	7,482	1,292	659,985	634,955	...	469,916	143,706	21,333
30	Conveyed to another drainage basin..organizations...	1	...	...	...	...	1	...	1	1	...
31	acre-feet...	7,940	...	...	...	...	44,176	...	1,492	44,176	...
32	To drainage basin number.....D. B. No....	IV-B-3a	...	...	...	...	...	...	IV-C-1c	IV-C-3a	...
33	Delivered for use in the basin.....organizations...	4	25	18	7	82	48	...	12	7	29
34	acre-feet...	2,266	26,846	15,874	10,972	1,617,780	1,453,550	...	1,146,458	163,158	143,934
35	To farm irrigation water users...organizations...	4	25	18	7	82	48	...	12	7	29
36	acre-feet...	2,266	26,004	15,477	10,527	1,484,829	1,323,997	...	1,018,400	161,793	143,804
37	To residential water users.....organizations...	...	5	3	2	9	4	...	2	...	2
38	acre-feet...	...	600	155	445	67,225	64,133	...	64,003	...	130
39	For other use.....organizations...	...	1	1	...	7	5	...	4	1	...
40	acre-feet...	...	242	242	...	65,726	65,420	...	64,055	1,365	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	...	...	...	...	2	2	...	1	1	...
42	*acre-feet...*	...	...	...	...	302,182	302,182	...	88,300	213,882	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.3	1.7	2.8	1.1	3.3	3.2	...	3.3	2.4	3.4
	NEW CAPITAL INVESTMENT, 1950-1959										
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	1	7	5	2	53	35	...	10	5	20
45	dollars...	72,000	120,287	25,287	95,000	21,047,143	19,834,513	...	17,136,115	2,084,870	613,528

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Gila River (IV-C)—Continued						Colorado River above Lees Ferry (IV-D)		
			Santa Cruz River							
		Verde River	Total	Below Rillito Gage	Above Rillito Gage	San Pedro River	Willcox Playa	Total	Colorado River direct: Below Cameo, Colorado	San Juan River direct
		(2)		(3a)	(3b)	(4)	(5)		(1a)	(2a)
1	Total acres irrigated in Census year.....1959...	14,000	230,000	193,000	37,000	8,000	48,000	1,000	...	1,000
2	1949...	11,966	230,277	210,969	19,308	5,992	13,968	6,386	...	6,386
3	Irrigation organizations.....organizations 1959...	22	9	5	4	3	3	29	2	27
4	1949...	25	11	7	4	2	...	23	...	23
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	8,536	29,208	25,758	3,450	13,471	3,080	(D)	(D)	(D)
6	Farm area reported irrigated by organizations.....acres 1959...	7,305	21,652	18,732	2,920	5,787	2,080	(D)	(D)	(D)
7	Water users served, total.....water users 1959...	378	1,140	999	141	92	1,292	(D)	(D)	(D)
8	Farm irrigation water users.....water users 1959...	346	359	266	93	92	49	(D)	(D)	(D)
9	Residential water users.....water users 1959...	31	777	729	48	...	1,243	(D)	(D)	(D)
10	Other water users.....water users 1959...	1	4	4	...	...	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	11,000	209,000	172,000	37,000	8,000	47,000	...	...	...
12	Surface water sources.....acres...	3,000	21,000	21,000	...	...	1,000	1,000	...	1,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	22	9	5	4	3	3	29	2	27
14	acre-feet...	238,342	110,498	97,984	12,514	35,791	17,209	(D)	(D)	(D)
15	From another drainage basin.....organizations...	...	1	1	...	...	...	...	...	...
16	acre-feet...	...	44,176	44,176	...	...	...	...	...	...
17	From drainage basin number.....D. B. No....	...	...	IV-C-1c	...	...	...	...	...	...
18	From natural sources within basin...organizations...	22	8	4	4	3	3	29	2	27
19	acre-feet...	238,342	66,322	53,808	12,514	35,791	17,209	(D)	(D)	(D)
20	Surface water.....organizations...	20	3	...	3	...	1	28	1	27
21	acre-feet...	227,089	9,713	...	9,713	...	400	(D)	(D)	(D)
22	Ground water.....organizations...	3	5	4	1	3	3	5	1	4
23	acre-feet...	11,253	56,609	53,808	2,801	35,791	16,809	(D)	(D)	(D)
24	*From other organizations in the basin.....organizations receiving...*	...	...	...	...	...	...	...	...	...
25	*acre-feet...*	...	...	...	...	...	...	...	...	...
26	Total leaving conveyance systems.....organizations...	22	9	5	4	3	3	29	2	27
27	acre-feet...	238,342	110,498	97,984	12,514	35,791	17,209	(D)	(D)	(D)
28	Conveyance loss in basin.....organizations...	20	8	4	4	3	3	28	1	27
29	acre-feet...	3,040	16,346	14,906	1,440	5,278	366	(D)	(D)	(D)
30	Conveyed to another drainage basin..organizations...	1	...	...	...	...	...	...	...	...
31	acre-feet...	212,580	...	...	...	...	...	...	...	...
32	To drainage basin number.....D. B. No....	IV-C-1b	...	...	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	21	9	5	4	3	3	29	2	27
34	acre-feet...	22,722	94,152	83,078	11,074	30,513	16,843	(D)	(D)	(D)
35	To farm irrigation water users...organizations...	21	9	5	4	3	3	29	2	27
36	acre-feet...	22,635	91,635	80,647	10,988	30,513	16,049	(D)	(D)	(D)
37	To residential water users.....organizations...	2	2	1	1	...	1	7	1	6
38	acre-feet...	12	2,286	2,200	86	...	794	(D)	(D)	(D)
39	For other use.....organizations...	1	2	2	...	...	...	...	...	...
40	acre-feet...	75	231	231	...	...	...	...	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	...	...	...	...	...	...	...	...	...
42	*acre-feet...*	...	...	...	...	...	...	...	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.1	4.2	4.3	3.8	5.3	7.7	(D)	(D)	(D)
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	10	4	3	1	2	3	7	1	6
45	dollars...	266,884	679,000	599,000	80,000	219,246	47,500	(D)	(D)	(D)

D Data not shown to avoid disclosure of information for individual organizations.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)		Arizona, total	Gulf of California (excluding Colorado River) and Gila River (IV-A and C)
Irrigation organizations, total number	organizations 1959	155	84
	1949	163	99
Area irrigated as reported by organizations	acres 1959	643,846	455,358
	1949	555,958	459,026
Farm water users served directly	water users 1959	12,555	9,064
Total water conveyed	acre-feet 1959	4,562,142	2,583,097
TYPE OF ORGANIZATION			
Mutual:			
Unincorporated	organizations 1959	42	36
	1949	61	50
Farm area irrigated directly	acres 1959	17,583	16,723
Farm water users served directly	water users 1959	587	544
Total water conveyed	acre-feet 1959	80,205	77,676
Incorporated	organizations 1959	34	21
	1949	37	27
Farm area irrigated directly	acres 1959	308,784	252,176
Farm water users served directly	water users 1959	5,802	4,848
Total water conveyed	acre-feet 1959	1,835,551	1,492,126
District	organizations 1959	15	7
	1949	12	9
Farm area irrigated directly	acres 1959	187,068	96,426
Farm water users served directly	water users 1959	1,636	740
Total water conveyed	acre-feet 1959	1,033,978	385,417
U.S. Bureau of Reclamation; projects and storage systems operated by bureau	organizations 1959	2	...
	1949	2	...
Farm area irrigated directly	acres 1959	3,082	...
Farm water users served directly	water users 1959	92	...
Total water conveyed	acre-feet 1959	699,904	...
U. S. Bureau of Reclamation; operated by water users	*organizations 1959*	5	1
	1949	NA	NA
Farm area irrigated directly	acres 1959	312,389	(D)
Farm water users served directly	water users 1959	4,507	(D)
Total water conveyed	acre-feet 1959	2,084,486	(D)
U. S. Bureau of Indian Affairs	organizations 1959	59	17
	1949	48	10
Farm area irrigated directly	acres 1959	125,574	88,278
Farm water users served directly	water users 1959	4,427	2,921
Total water conveyed	acre-feet 1959	897,605	612,979
Commercial	organizations 1959	...	...
	1949	1	1
Farm area irrigated directly	acres 1959	...	...
Farm water users served directly	water users 1959	...	...
Total water conveyed	acre-feet 1959	...	...
State	organizations 1959	1	1
	1949	...	...
Farm area irrigated directly	acres 1959	(D)	(D)
Farm water users served directly	water users 1959	(D)	(D)
Total water conveyed	acre-feet 1959	(D)	(D)
City	organizations 1959	2	2
	1949	2	2
Farm area irrigated directly	acres 1959	(D)	(D)
Farm water users served directly	water users 1959	(D)	(D)
Total water conveyed	acre-feet 1959	(D)	(D)

Item (For definitions and explanations, see text)		Arizona, total	Gulf of California (excluding Colorado River) and Gila River (IV-A and C)
TYPE OF SERVICE, 1959			
All water directly from surface and ground water sources	organizations	140	76
Total water conveyed	acre-feet	3,100,324	2,081,507
Water delivered	acre-feet	2,378,826	1,489,396
To farm and residential users only	organizations	136	74
	acre-feet	768,299	538,214
To farm and residential users and other irrigation organizations	organizations	2	1
Water to farm and residential users	acre-feet	649,600	649,000
Water to other irriation organizations	acre-feet	88,300	88,300
To other irrigation organizations only	organizations	2	1
	acre-feet	872,627	213,882
Part of water from other organizations	organizations	7	5
Total water conveyed	acre-feet	630,007	280,408
From surface and ground water sources	acre-feet	161,463	199,408
From other irrigation organizations	acre-feet	468,544	81,000
Water delivered	acre-feet	489,253	230,152
To farm and residential users only	organizations	6	5
	acre-feet	272,272	230,152
To farm and residential users and other irrigation organizations	organizations	1	...
Water to farm and residential users	acre-feet	215,191	...
Water to other irrigation organizations	acre-feet	1,790	...
To other irrigation organizations only	organizations	...	...
	acre-feet	...	...
All of water from other organizations	organizations	8	3
Total water conveyed	acre-feet	831,811	221,182
Water delivered	acre-feet	692,512	137,688
To farm and residential users only	organizations	7	3
	acre-feet	492,199	137,688
To farm and residential users and other irrigation organizations	organizations	1	...
Water to farm residential users	acre-feet	159,154	...
Water to other irrigation organizations	acre-feet	41,159	...
To other irrigation organizations only	organizations	...	...
	acre-feet	...	...
No water conveyed	organizations	...	...
WATER FROM OTHER SOURCES			
Organizations reporting NO water from other sources used on land served by the organization	organizations	124	54
	acres served	398,253	154,054
	acres irrigated	308,298	118,460
Water delivered to farms	acre-feet	1,436,080	432,040
	acre-feet per acre	4.7	3.6
Organizations reporting water from other sources used on land served by the organization	organizations	29	29
	acres served	369,969	369,969
	acres irrigated	337,322	337,322
Water delivered to farms	acre-feet	1,056,145	1,056,145
	acre-feet per acre	3.1	3.1

D Data not shown to avoid disclosure of information for individual organizations.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

Item (For definitions and explanations, see text)	Arizona, total	Gulf of California (excluding Colorado River) and Gila River (IV-A and C)
WATER DELIVERED PER ACRE		
Organizations reporting NO water from other sources used on same land:		
0.1 to 0.9 acre-feet per acre.....organizations...	8	5
acres irrigated...	3,784	3,044
1.0 to 1.9 acre-feet per acre.....organizations...	26	5
acres irrigated...	14,539	2,330
2.0 to 2.9 acre-feet per acre.....organizations...	29	12
acres irrigated...	59,918	54,154
3.0 to 3.9 acre-feet per acre.....organizations...	23	9
acres irrigated...	10,874	4,110
4.0 to 4.9 acre-feet per acre.....organizations...	11	7
acres irrigated...	82,133	35,556
5.0 to 5.9 acre-feet per acre.....organizations...	17	12
acres irrigated...	100,778	12,496
6.0 to 6.9 acre-feet per acre.....organizations...	2	...
acres irrigated...	8,270	...
7.0 to 7.9 acre-feet per acre.....organizations...	1	1
acres irrigated...	60	60
8.0 to 9.9 acre-feet per acre.....organizations...	5	3
acres irrigated...	24,720	6,710
10.0 or more acre-feet per acre.....organizations...	2	...
acres irrigated...	3,222	...
SIZE OF ORGANIZATION		
Size of organization (number of farm irrigation water users served directly):		
None.....organizations...	2	1
1 to 3.....organizations...	25	17
water users...	58	41
4 to 9.....organizations...	32	20
water users...	190	109
10 to 29.....organizations...	34	14
water users...	579	244
30 to 99.....organizations...	39	20
water users...	2,147	1,023
100 to 299.....organizations...	16	6
water users...	2,688	997
300 to 999.....organizations...	5	4
water users...	1,874	1,558
1,000 or more.....organizations...	2	2
water users...	5,158	5,158

Item (For definitions and explanations, see text)	Arizona, total	Gulf of California (excluding Colorado River) and Gila River (IV-A and C)
SIZE OF ORGANIZATION—Continued		
Size of organization (acre-feet of water delivered directly to farms):		
None.....organizations...	2	1
1 to 299 acre-feet.....organizations...	45	14
acre-feet...	5,059	1,393
300 to 999 acre-feet.....organizations...	34	21
acre-feet...	19,301	12,728
1,000 to 2,999 acre-feet.....organizations...	30	17
acre-feet...	55,314	31,311
3,000 to 9,999.....organizations...	18	11
acre-feet...	108,055	67,100
10,000 to 29,999 acre-feet.....organizations...	10	10
acre-feet...	172,809	172,809
30,000 to 99,999 acre-feet.....organizations...	9	7
acre-feet...	466,188	388,576
100,000 or more acre-feet.....organizations...	7	3
acre-feet...	1,665,499	814,268
Size of organization (acre-feet of water conveyed):		
None.....organizations...	...	...
1 to 299 acre-feet.....organizations...	42	14
acre-feet...	5,862	1,753
300 to 999 acre-feet.....organizations...	31	17
acre-feet...	19,500	11,122
1,000 to 2,999 acre-feet.....organizations...	28	17
acre-feet...	54,381	32,217
3,000 to 9,999 acre-feet.....organizations...	21	12
acre-feet...	104,194	57,610
10,000 to 29,999 acre-feet.....organizations...	13	11
acre-feet...	182,051	161,951
30,000 to 99,999 acre-feet.....organizations...	10	8
acre-feet...	579,627	488,348
100,000 or more acre-feet.....organizations...	10	5
acre-feet...	9,576,626	1,830,541

State Table 3.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Arizona, total	Gila River (IV-C)	Gulf of California excluding Colorado River (IV-A)
1	Total acres irrigated.....farms reporting...	5,391	4,278	171
2	acres...	1,152,450	960,873	21,825
3	Acres irrigated by sprinklers....farms reporting...	113	96	...
4	acres...	4,635	4,227	...
5	Sprinklers only.....farms reporting...	73	65	...
6	acres...	3,157	2,913	...
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959			
7	Ground water sources on farm.....farms reporting...	2,159	1,818	167
8	acres...	581,238	530,392	21,753
9	Ground water sources on farm only.farms reporting...	1,499	1,215	166
10	acres...	408,794	369,693	21,729
11	Surface sources on farm.....farms reporting...	300	223	3
12	acres...	94,845	82,941	71
13	Surface sources on farm only.....farms reporting...	210	152	3
14	acres...	85,836	76,923	71
15	Irrigation organization sources.....farms reporting...	3,608	2,849	1
16	acres...	476,367	347,540	1
17	Irrigation organization sources only.....farms reporting...	3,007	2,299	1
18	acres...	332,151	219,310	1
19	Both farm ground water sources and surface sources.....farms reporting...	73	60	1
20	acres...	28,499	24,969	24
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	602	552	...
22	acres...	297,170	269,978	...

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	Arizona, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	155	42	34	15	2	5	62
1949...	163	61	37	12	2	NA	51
Service area, 1959:							
Area served, as reported by organizations.....acres...	766,448	18,136	339,139	216,383	3,304	341,354	189,486
Area irrigated, as reported by organizations.....acres...	643,846	17,583	308,784	187,068	3,082	312,389	127,329
Water users served, 1959, total.....water users...	43,729	644	35,155	2,946	92	32,839	4,892
Farm irrigation water users.....water users...	12,555	587	5,802	1,636	92	4,507	4,438
Residential water users.....water users...	27,727	57	25,946	1,294	...	24,922	430
Other water users.....water users...	3,447	...	3,407	16	...	3,410	24
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	140	42	32	9	1	1	56
Total water conveyed.....acre-feet...	3,100,324	80,205	1,436,696	263,635	658,745	975,885	661,043
Water delivered.....acre-feet...	2,378,826	73,826	961,144	208,654	658,745	737,300	476,457
To farm and residential users only.....organizations...	136	42	30	9	...	...	55
acre-feet...	768,299	73,826	223,244	208,654	...	...	262,575
To farm and residential users and other irrigation organizations.....organizations...	2	...	2	...	...	1	...
Water to farm and residential users.....acre-feet...	649,600	...	649,600	...	...	649,000	...
Water to other irrigation organizations.....acre-feet...	88,300	...	88,300	...	...	88,300	...
To other irrigation organizations only.....organizations...	2	...	...	...	1	...	1
acre-feet...	872,627	...	...	...	658,745	...	213,882
Part of water from other organizations.....organizations...	7	...	2	3	...	2	2
Total water conveyed.....acre-feet...	630,007	...	398,855	195,363	...	431,489	35,789
From surface and ground water sources.....acre-feet...	161,463	...	96,376	63,298	...	43,945	1,789
From other irrigation organizations.....acre-feet...	468,544	...	302,479	132,065	...	387,544	34,000
Water delivered.....acre-feet...	489,253	...	296,551	160,959	...	259,101	31,743
To farm and residential users only.....organizations...	6	...	1	3	...	1	2
acre-feet...	272,272	...	79,570	160,959	...	42,120	31,743
To farm and residential users and other irrigation organizations.....organizations...	1	...	1	...	...	1	...
Water to farm and residential users.....acre-feet...	215,191	...	215,191	...	...	215,191	...
Water to other irrigation organizations.....acre-feet...	1,790	...	1,790	...	...	1,790	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	8	...	...	3	1	2	4
Total water conveyed.....acre-feet...	831,811	...	...	574,980	41,159	567,680	215,672
Water delivered.....acre-feet...	692,512	...	...	524,442	35,492	517,542	132,578
To farm and residential users only.....organizations...	7	...	...	2	1	1	4
acre-feet...	492,199	...	...	324,129	35,492	317,229	132,578
To farm and residential users and other irrigation organizations.....organizations...	1	...	...	1	...	1	...
Water to farm and residential users.....acre-feet...	159,154	...	...	159,154	...	159,154	...
Water to other irrigation organizations.....acre-feet...	41,159	...	...	41,159	...	41,159	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	124	32	20	11	1	4	60
acres served...	398,253	14,111	94,051	138,525	3,304	151,354	148,262
acres irrigated...	308,298	13,740	67,996	120,073	3,082	123,389	103,407
water delivered to farms (acre-feet)...	1,436,080	65,026	294,497	665,447	35,492	733,274	375,618
acre-feet per acre...	4.7	4.8	4.3	5.5	11.5	5.9	3.6
Organizations reporting water from other sources used on land served by the organization.....organizations...	29	10	14	4	...	1	1
acres served...	369,969	4,449	246,438	77,858	...	190,000	41,224
acres irrigated...	337,322	4,267	242,138	66,995	...	186,000	23,922
water delivered to farms (acre-feet)...	1,056,145	9,068	810,457	186,608	...	585,000	50,012
acre-feet per acre...	3.1	2.1	3.3	2.8	...	3.1	2.1
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	76	15	22	12	...	5	24
By U. S. B. R.....dollars...	31,803,546	...	...	31,803,546	...	31,803,546	...
By water users organizations.....dollars...	31,121,067	93,385	16,514,411	2,958,493	...	15,058,951	11,554,778

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Arizona, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	155	42	34	15	2	5	62
acre-feet...	3,558,266	80,205	1,829,551	326,933	658,745	1,425,741	662,832
From another drainage basin.....organizations...	1	...	1	...	...	1	...
acre-feet...	299,479	...	299,479	...	...	299,479	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	146	42	33	12	1	3	58
acre-feet...	3,258,787	80,205	1,530,072	326,933	658,745	1,126,262	662,832
Surface water.....organizations...	117	35	27	7	1	2	47
acre-feet...	1,991,449	24,568	825,057	[1]-2,094	658,745	643,648	485,173
Ground water.....organizations...	63	16	21	9	...	1	17
acre-feet...	1,267,338	55,637	705,015	329,027	...	482,614	177,659
From other organizations in the basin.....organizations receiving...	14	...	1	6	1	3	6
acre-feet...	1,003,876	...	6,000	707,045	41,159	658,745	249,672
Total leaving conveyance systems.....organizations...	155	42	34	15	2	5	62
acre-feet...	3,558,266	80,205	1,745,461	992,819	41,159	1,953,057	698,622
Conveyance loss in basin.....organizations...	148	42	32	13	1	5	60
acre-feet...	925,506	6,379	505,679	137,876	5,667	505,468	269,905
Conveyed to another drainage basin.....organizations...	1	...	1	...	...	...	...
acre-feet...	7,940	...	7,940	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	153	42	34	15	1	5	61
acre-feet...	2,624,820	73,826	1,231,842	854,943	35,492	1,447,589	428,717
To farm irrigation water users.....organizations...	153	42	34	15	1	5	61
acre-feet...	2,487,199	73,738	1,100,284	852,055	35,492	1,318,274	425,630
To domestic water users.....organizations...	24	2	8	3	...	2	11
acre-feet...	69,516	88	67,321	841	...	64,240	1,266
For other use.....organizations...	10	...	4	3	...	2	3
acre-feet...	68,105	...	64,237	2,047	...	65,075	1,821
Delivered to other irrigation organizations.....organizations delivering...	5	...	2	1	1	3	1
acre-feet...	1,003,876	...	90,090	41,159	658,745	131,249	213,882
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	2	...	...	...	1	...	1
1 to 3 water users.....organizations...	25	13	2	1	...	...	9
4 to 9 water users.....organizations...	32	19	3	...	...	...	10
10 to 29 water users.....organizations...	34	8	5	...	...	...	21
30 to 99 water users.....organizations...	39	1	16	8	1	1	13
100 to 299 water users.....organizations...	16	...	6	5	...	2	5
300 to 999 water users.....organizations...	5	1	1	1	...	1	2
1,000 or more water users.....organizations...	2	...	1	...	...	1	1
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	2	...	...	...	1	...	1
1 to 299 acre-feet.....organizations...	45	17	2	...	...	...	26
300 to 999 acre-feet.....organizations...	34	14	5	...	...	...	15
1,000 to 2,999 acre-feet.....organizations...	30	9	7	3	...	...	11
3,000 to 9,999 acre-feet.....organizations...	18	1	9	5	...	...	3
10,000 to 29,999 acre-feet.....organizations...	10	...	8	1	...	...	1
30,000 to 99,999 acre-feet.....organizations...	9	1	1	2	1	1	4
100,000 or more acre-feet.....organizations...	7	...	2	4	...	4	1
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	42	17	1	...	...	...	24
300 to 999 acre-feet.....organizations...	31	12	5	...	...	...	14
1,000 to 2,999 acre-feet.....organizations...	28	10	4	2	...	...	12
3,000 to 9,999 acre-feet.....organizations...	21	2	9	5	...	...	5
10,000 to 29,999 acre-feet.....organizations...	13	...	10	2	...	...	1
30,000 to 99,999 acre-feet.....organizations...	10	1	3	2	1	...	3
100,000 or more acre-feet.....organizations...	10	...	2	4	1	5	3

NA Not available.
[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Gulf of California (excluding Colorado River) and Gila River (IV-A and IV-C)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	84	36	21	7	...	1	20
1949...	99	50	27	9	...	NA	13
Service area, 1959:							
Area served, as reported by organizations.....acres...	523,599	17,106	264,191	107,289	...	(D)	135,013
Area irrigated, as reported by organizations.....acres...	455,358	16,723	252,176	96,426	...	(D)	90,033
Water users served, 1959, total.....water users...	39,440	601	33,875	1,990	...	(D)	2,974
Farm irrigation water users.....water users...	9,064	544	4,848	740	...	(D)	2,932
Residential water users.....water users...	26,945	57	25,624	1,244	...	(D)	20
Other water users.....water users...	3,431	...	3,403	6	...	(D)	22
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	76	36	20	4	...	1	16
Total water conveyed.....acre-feet...	2,081,507	77,676	1,392,750	232,874	...	(D)	378,207
Water delivered.....acre-feet...	1,489,396	71,675	935,310	181,935	...	(D)	300,476
To farm and residential users only.....organizations...	74	36	19	4	...	...	15
acre-feet...	538,214	71,675	198,010	181,935	...	...	86,594
To farm and residential users and other irrigation organizations.....organizations...	1	...	1	...	...	1	...
Water to farm and residential users.....acre-feet...	649,000	...	649,000	...	...	(D)	...
Water to other irrigation organizations.....acre-feet...	88,300	...	88,300	...	...	(D)	...
To other irrigation organizations only.....organizations...	1	...	...	...	...	...	1
acre-feet...	213,882	...	...	...	...	...	213,882
Part of water from other organizations.....organizations...	5	...	1	2	...	...	2
Total water conveyed.....acre-feet...	280,408	...	99,376	145,243	...	...	35,789
From surface and ground water sources.....acre-feet...	199,408	...	93,376	104,243	...	...	1,789
From other irrigation organizations.....acre-feet...	81,000	...	6,000	41,000	...	...	34,000
Water delivered.....acre-feet...	230,152	...	79,570	118,839	...	...	31,743
To farm and residential users only.....organizations...	5	...	1	2	...	...	2
acre-feet...	230,152	...	79,570	118,839	...	...	31,743
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	3	...	...	1	...	...	2
Total water conveyed.....acre-feet...	221,182	...	...	7,300	...	...	213,882
Water delivered.....acre-feet...	137,688	...	...	6,900	...	...	130,788
To farm and residential users only.....organizations...	3	...	...	1	...	...	2
acre-feet...	137,688	...	...	6,900	...	...	130,788
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	54	26	7	3	...	...	18
acres served...	154,054	13,081	17,753	29,431	...	...	93,789
acres irrigated...	118,460	12,880	10,038	29,431	...	...	66,111
water delivered to farms (acre-feet)...	432,040	62,875	49,813	120,269	...	...	199,083
acre-feet per acre...	3.6	4.9	5.0	4.1	...	...	3.0
Organizations reporting water from other sources used on land served by the organization.....organizations...	29	10	14	4	...	1	1
acres served...	369,969	4,449	246,438	77,858	...	(D)	41,224
acres irrigated...	337,322	4,267	242,138	66,995	...	(D)	23,922
water delivered to farms (acre-feet)...	1,056,145	9,068	810,457	186,608	...	(D)	50,012
acre-feet per acre...	3.1	2.1	3.3	2.8	...	(D)	2.1
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	54	14	18	6	...	1	16
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	21,547,143	91,885	15,188,865	2,733,925	...	(D)	3,532,478

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Gulf of California (excluding Colorado River) and Gila River (IV-A and IV-C)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	84	36	21	7	...	1	20
acre-feet...	2,280,915	77,676	1,486,126	337,117	...	(D)	379,996
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	81	36	21	6	...	1	18
acre-feet...	2,280,915	77,676	1,486,126	337,117	...	(D)	379,996
Surface water.....organizations...	57	29	18	3	...	1	7
acre-feet...	1,041,712	22,039	794,777	22,339	...	(D)	202,557
Ground water.....organizations...	51	16	15	5	...	1	15
acre-feet...	1,239,203	55,637	691,349	314,778	...	(D)	177,439
From other organizations in the basin.....organizations receiving...	8	...	1	3	...	...	4
acre-feet...	302,182	...	6,000	48,300	...	...	247,882
Total leaving conveyance systems.....organizations...	84	36	21	7	...	1	20
acre-feet...	2,280,915	77,676	1,403,826	385,417	...	(D)	413,996
Conveyance loss in basin.....organizations...	82	36	19	7	...	1	20
acre-feet...	660,135	6,001	413,251	77,583	...	(D)	163,300
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	83	36	21	7	...	1	19
acre-feet...	1,620,780	71,675	990,575	307,834	...	(D)	250,696
To farm irrigation water users.....organizations...	83	36	21	7	...	1	19
acre-feet...	1,487,829	71,587	860,270	306,877	...	(D)	249,095
To domestic water users.....organizations...	9	2	3	2	...	1	2
acre-feet...	67,225	88	66,310	797	...	(D)	30
For other use.....organizations...	7	...	3	2	...	1	2
acre-feet...	65,726	...	63,995	160	...	(D)	1,571
Delivered to other irrigation organizations..... organizations delivering...	2	...	1	...	...	1	1
acre-feet...	302,182	...	88,300	...	...	(D)	213,882
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	1	...	...	...	...	(D)	1
1 to 3 water users.....organizations...	17	11	2	...	...	(D)	4
4 to 9 water users.....organizations...	20	17	...	...	...	(D)	3
10 to 29 water users.....organizations...	14	6	4	...	...	(D)	4
30 to 99 water users.....organizations...	20	1	11	4	...	(D)	4
100 to 299 water users.....organizations...	6	...	3	2	...	(D)	1
300 to 999 water users.....organizations...	4	1	...	1	...	(D)	2
1,000 or more water users.....organizations...	2	...	1	...	...	(D)	1
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	1	...	...	...	...	(D)	1
1 to 299 acre-feet.....organizations...	14	12	1	...	...	(D)	1
300 to 999 acre-feet.....organizations...	21	14	3	...	...	(D)	4
1,000 to 2,999 acre-feet.....organizations...	17	8	1	2	...	(D)	6
3,000 to 9,999 acre-feet.....organizations...	11	1	6	1	...	(D)	3
10,000 to 29,999 acre-feet.....organizations...	10	...	8	1	...	(D)	1
30,000 to 99,999 acre-feet.....organizations...	7	1	1	1	...	(D)	4
100,000 or more acre-feet.....organizations...	3	...	1	2	...	(D)	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	(D)	...
1 to 299 acre-feet.....organizations...	14	12	1	...	...	(D)	1
300 to 999 acre-feet.....organizations...	17	12	2	...	...	(D)	3
1,000 to 2,999 acre-feet.....organizations...	17	9	1	1	...	(D)	6
3,000 to 9,999 acre-feet.....organizations...	12	2	4	2	...	(D)	4
10,000 to 29,999 acre-feet.....organizations...	11	...	9	1	...	(D)	1
30,000 to 99,999 acre-feet.....organizations...	8	1	3	1	...	(D)	3
100,000 or more acre-feet.....organizations...	5	...	1	2	...	(D)	2

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Arizona, total				Gulf of California (excluding Colorado River), and Gila River (IV-A and IV-C)			
		Size of organization, by total water conveyed							
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations....organizations...	73	49	23	10	31	29	19	5
	TYPE OF SERVICE								
2	All water directly from surface and ground sources....organizations...	72	46	17	5	31	27	15	3
3	Total water conveyed....acre-feet...	24,983	145,937	433,429	2,495,975	12,875	78,600	413,329	1,576,703
4	Water delivered....acre-feet...	19,561	119,391	348,666	1,891,208	10,914	67,230	339,066	1,072,186
5	To farm and residential users only....organizations...	72	46	16	2	31	27	15	1
6	acre-feet...	19,561	119,391	348,066	281,281	10,914	67,230	339,066	121,004
7	To farm and residential users and other irrigation organizations....organizations...	...	...	1	1	...	...	...	1
8	Water to farm and residential users....acre-feet...	...	...	600	649,000	...	...	...	649,000
9	Water to other irrigation organizations....acre-feet...	...	...	...	88,300	...	...	...	88,300
10	To other irrigation organizations only....organizations...	...	...	...	2	...	...	...	1
11	acre-feet...	...	...	...	872,627	...	...	...	213,882
12	Part of water from other organizations....organizations...	...	1	4	2	...	1	3	1
13	Total water conveyed....acre-feet...	...	3,482	193,553	432,972	...	3,482	143,433	133,493
14	From surface and ground water sources....acre-feet...	...	482	56,488	104,493	...	482	97,433	101,493
15	From other irrigation organizations....acre-feet...	...	3,000	137,065	328,479	...	3,000	46,000	32,000
16	Water delivered....acre-feet...	...	1,741	162,267	325,245	...	1,741	120,147	108,264
17	To farm and residential users only....organizations...	...	1	4	1	...	1	3	1
18	acre-feet...	...	1,741	162,267	108,264	...	1,741	120,147	108,264
19	To farm and residential users and other irrigation organizations....organizations...	...	...	...	1	...	...	...	...
20	Water to farm and residential users....acre-feet...	...	...	...	215,191	...	...	...	...
21	Water to other irrigation organizations....acre-feet...	...	...	...	1,790	...	...	...	...
22	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...
24	All of water from other organizations....organizations...	1	2	2	3	...	1	1	1
25	Total water conveyed....acre-feet...	379	8,711	134,696	688,025	...	7,300	93,537	120,345
26	Water delivered....acre-feet...	379	8,311	85,388	598,434	...	6,900	49,896	80,892
27	To farm and residential users only....organizations...	1	2	2	2	...	1	1	1
28	acre-feet...	379	8,311	85,388	398,121	...	6,900	49,896	80,892
29	To farm and residential users and other irrigation organizations....organizations...	...	...	...	1	...	...	...	...
30	Water to farm and residential users....acre-feet...	...	...	...	159,154	...	...	...	...
31	Water to other irrigation organizations....acre-feet...	...	...	...	41,159	...	...	...	...
32	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...	...	...
34	No water conveyed....organizations...	...	...	...	...	...	...	...	...
	WATER FROM OTHER SOURCES								
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	68	39	11	6	26	19	7	2
36	acres served...	17,904	57,949	66,616	255,784	4,460	20,952	51,642	77,000
37	acres irrigated...	8,337	35,799	55,042	209,120	3,301	15,295	40,290	59,574
38	Organizations reporting water from other sources used on land served by the organization....organizations...	5	10	12	2	5	10	12	2
39	acres served...	1,101	15,091	125,757	228,020	1,101	15,091	125,757	228,020
40	acres irrigated...	1,021	14,126	98,155	224,020	1,021	14,126	98,155	224,020
	NEW CAPITAL INVESTMENT, 1950-1959								
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	21	28	19	8	13	21	16	4
42	dollars...	114,900	1,905,083	2,714,247	58,190,383	91,100	1,640,728	2,546,247	17,269,068
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
43	Total entering conveyance systems in basin....organizations...	73	49	23	10	31	29	19	5
44	acre-feet...	24,983	146,419	489,917	2,896,947	12,875	79,082	510,762	1,678,196
45	From another drainage basin....organizations...	...	...	...	1	...	...	...	...
46	acre-feet...	...	...	...	299,479	...	...	...	...
47	From Drainage Basin number....D. B. No....	...	...	...	...	...	...	...	...
48	From natural sources within basin....organizations...	72	47	21	6	31	28	18	4
49	acre-feet...	24,983	146,419	489,917	2,597,468	12,875	79,082	510,762	1,678,196
50	Surface water....organizations...	64	33	15	5	25	17	12	3
51	acre-feet...	18,253	85,916	124,158	1,763,122	7,502	40,957	149,403	843,850
52	Ground water....organizations...	18	22	19	4	14	15	18	4
53	acre-feet...	6,730	60,503	365,759	834,346	5,373	38,125	361,359	834,346
54	*From other organizations in the basin....organizations receiving...*	1	3	6	4	...	2	4	2
55	*acre-feet...*	379	11,711	271,761	720,025	...	10,300	139,537	152,345
56	Total leaving conveyance systems....organizations...	73	49	23	10	31	29	19	5
57	acre-feet...	25,362	158,130	761,678	2,613,096	12,875	89,382	650,299	1,528,359
58	Conveyance loss in basin....organizations...	72	45	22	9	31	28	18	5
59	acre-feet...	5,347	28,345	156,700	735,114	1,886	13,411	140,473	504,365
60	Conveyed to another drainage basin....organizations...	...	...	1	...	...	...	...	...
61	acre-feet...	...	...	7,940	...	...	...	...	...
62	To drainage basin number....D. B. No....	...	...	...	...	...	...	...	...
63	Delivered for use in the basin....organizations...	73	49	23	8	31	29	19	4
64	acre-feet...	20,015	129,785	597,038	1,877,982	10,989	75,971	509,826	1,023,994
65	To farm irrigation water users....organizations...	73	49	23	8	31	29	19	4
66	acre-feet...	19,671	124,929	596,208	1,746,391	10,912	72,761	508,996	895,160
67	To residential water users....organizations...	9	10	2	3	1	5	2	1
68	acre-feet...	269	4,514	113	64,620	2	3,110	113	64,000
69	For other use....organizations...	1	2	2	5	1	1	2	3
70	acre-feet...	75	342	717	66,971	75	100	717	64,834
71	*Delivered to other irrigation organizations....organizations delivering...*	...	...	...	5	...	...	...	2
72	*acre-feet...*	...	...	...	1,003,876	...	...	...	302,182
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959								
	Per acre irrigated, as reported by irrigation organization:								
73	All organizations....acre-feet...	2.1	2.5	3.9	4.0	2.5	2.5	3.7	3.2
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	68	39	11	6	26	19	7	2
75	acre-feet...	2.1	2.7	5.1	5.0	2.6	3.0	4.7	3.2

CALIFORNIA

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State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	The State	North Pacific Coast (I-A)					South Pacific Coast, total	Klamath River (II-A)	
			Total	Pacific Coast direct (1)	Rogue River				Total	Klamath River direct and Lower Klamath Lake (1, 5)
					Total	Illinois River (4b)	Applegate River (4c)			
1	Total acres irrigated in Census year.....1959...	7,395,570	3,000	3,000	...	...	...	6,654,000	148,000	24,000
2	1949...	6,598,839	1,906	1,906	...	...	...	5,855,060	144,873	18,450
3	Irrigation organizations.....organizations 1959...	1,075	...	...	...	...	...	1,047	27	6
4	1949...	1,506	...	...	...	...	...	1,459	28	5
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	5,293,986	...	...	...	...	...	4,618,981	121,291	17,887
6	Farm area reported irrigated by organizations.....acres 1959...	4,184,482	...	...	...	...	...	3,540,043	114,377	16,948
7	Water users served, total.....water users 1959...	1,152,970	...	...	...	...	...	1,134,858	1,720	277
8	Farm irrigation water users.....water users 1959...	116,037	...	...	...	...	...	108,427	1,444	252
9	Residential water users.....water users 1959...	1,018,384	...	...	...	...	...	1,007,884	270	19
10	Other water users.....water users 1959...	18,549	...	...	...	...	...	18,547	6	6
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	3,992,790	3,000	3,000	...	...	...	3,874,000	29,000	10,000
12	Surface water sources.....acres...	3,402,780	...	...	...	...	...	2,780,000	119,000	14,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	1,066	...	...	...	...	...	1,041	26	6
14	acre-feet...	17,321,855	...	...	...	...	...	12,882,010	478,093	59,179
15	From another drainage basin.....organizations...	2	...	...	...	...	...	5	2	...
16	acre-feet...	387,033	...	...	...	...	...	974,492	387,033	...
17	From drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...
18	From natural sources within basin...organizations...	968	...	...	...	...	...	942	25	6
19	acre-feet...	16,934,822	...	...	...	...	...	11,907,518	91,060	59,179
20	Surface water.....organizations...	364	...	...	...	...	...	346	25	6
21	acre-feet...	15,276,039	...	...	...	...	...	10,271,080	55,459	40,044
22	Ground water.....organizations...	688	...	...	...	...	...	675	4	2
23	acre-feet...	1,658,783	...	...	...	...	...	1,636,438	35,601	19,135
24	*From other organizations in the basin.....organizations receiving...*	219	...	...	...	...	...	214	...	...
25	*acre-feet...*	11,546,796	...	...	...	...	...	3,801,077	...	...
26	Total leaving conveyance systems.....organizations...	1,066	...	...	...	...	...	1,041	26	6
27	acre-feet...	17,321,855	...	...	...	...	...	12,882,010	478,093	59,179
28	Conveyance loss in basin.....organizations...	436	...	...	...	...	...	412	25	5
29	acre-feet...	3,412,068	...	...	...	...	...	2,493,431	198,190	2,974
30	Conveyed to another drainage basin..organizations...	2	...	...	...	...	...	...	...	...
31	acre-feet...	302,779	...	...	...	...	...	...	...	...
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	1,046	...	...	...	...	...	1,022	26	6
34	acre-feet...	13,607,008	...	...	...	...	...	10,388,579	279,903	56,205
35	To farm irrigation water users...organizations...	1,039	...	...	...	...	...	1,016	26	6
36	acre-feet...	12,350,452	...	...	...	...	...	9,171,475	276,962	53,899
37	To residential water users.....organizations...	237	...	...	...	...	...	224	5	3
38	acre-feet...	828,036	...	...	...	...	...	788,587	1,627	992
39	For other use.....organizations...	83	...	...	...	...	...	82	1	1
40	acre-feet...	428,520	...	...	...	...	...	428,517	1,314	1,314
41	*Delivered to other irrigation organizations..... organizations delivering...*	96	...	...	...	...	...	92	...	...
42	*acre-feet...*	11,546,796	...	...	...	...	...	3,801,077	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.0	...	...	...	...	...	2.6	2.4	3.2
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	487	...	...	...	...	...	474	17	1
45	dollars...	495,970,922	...	...	...	...	...	471,031,972	50,694,304	30,000

[1] 382,419 acre-feet from D. B. No. II-A-6, Oregon; 4,614 acre-feet from D. B. No. II-A-7, Oregon.
[2] Water was transferred to the basin and released to natural stream channel in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Klamath River (II-A)—Continued				Klamath River to Santa Maria River excluding Central Valley (II-B)									
							San Francisco Bay						
Trinity River	Scott River	Shasta River	Lost River	Total	Pacific Coast direct	Russian River	Total	San Francisco Bay direct and Suisun Bay	Alameda Creek	Santa Clara Valley	Pajaro River	Salinas River	
(2)	(3)	(4)	(6)		(1)	(2)		(3a,b)	(3c)	(3d)	(4)	(5)	
4,000	19,000	46,000	55,000	493,000	64,000	31,000	134,000	39,000	23,000	72,000	77,000	187,000	1
3,859	14,947	44,337	63,280	386,613	46,957	16,194	117,027	24,847	18,411	73,769	66,557	139,878	2
4	6	9	3	39	7	3	14	7	...	7	7	9	3
2	10	10	1	54	7	2	22	5	2	15	11	12	4
5,340	9,741	25,125	63,198	34,349	3,148	5,503	17,973	11,223	...	6,750	920	6,805	5
5,134	8,231	20,866	63,198	30,646	2,963	4,558	15,447	8,722	...	6,725	873	6,805	6
61	88	511	783	110,163	12,410	90	95,368	1,372	...	93,996	26	2,269	7
61	88	260	783	1,332	122	88	909	525	...	384	26	187	8
...	...	251	...	97,373	10,583	2	84,708	772	...	83,936	...	2,080	9
...	...	...	...	11,458	1,705	...	9,751	75	...	9,676	...	2	10
...	4,000	8,000	7,000	415,000	43,000	17,000	107,000	22,000	19,000	66,000	68,000	180,000	11
4,000	15,000	38,000	48,000	78,000	21,000	14,000	27,000	17,000	4,000	6,000	9,000	7,000	12
3	6	9	2	39	7	3	14	7	...	7	7	9	13
10,855	24,853	78,776	304,430	223,169	151,753	14,946	151,400	85,055	...	66,345	7,221	35,918	14
...	...	...	2	1	...	1	1	1	...	...	...	...	15
...	...	...	387,033	68,669	...	138,069	68,669	68,669	...	...	...	...	16
...	...	...	(1)	...	...	II-B-1	...	II-C-1	...	...	...	...	17
3	6	9	1	36	7	3	11	4	...	7	7	9	18
10,855	24,853	78,776	[2]-82,603	154,500	151,753	[2]-123,123	82,731	16,386	...	66,345	7,221	35,918	19
3	6	9	1	16	5	3	6	3	...	3	2	1	20
10,855	24,853	76,886	[2]-97,179	70,379	145,336	[2]-123,123	37,816	15,450	...	22,366	5,850	4,500	21
...	...	1	1	24	3	...	7	2	...	5	6	8	22
...	...	1,890	14,576	84,121	6,417	...	44,915	936	...	43,979	1,371	31,418	23
...	...	...	...	7	...	1	5	4	...	1	...	1	24
...	...	...	...	20,220	...	4,400	265	238	...	27	...	15,555	25
3	6	9	2	39	7	3	14	7	...	7	7	9	26
10,855	24,853	78,776	304,430	223,169	151,753	14,946	151,400	85,055	...	66,345	7,221	35,918	27
3	6	9	2	10	3	1	3	1	...	2	1	2	28
538	2,509	16,207	175,962	11,971	1,137	4,099	4,545	4,490	...	55	40	2,150	29
...	...	...	...	...	1	...	...	...	...	...	...	...	30
...	...	...	...	...	138,069	...	...	...	...	...	...	...	31
...	...	...	...	...	II-B-2	...	...	...	...	...	...	...	32
3	6	9	2	35	6	2	14	7	...	7	7	6	33
10,317	22,344	62,569	128,468	211,198	12,547	10,847	146,855	80,565	...	66,290	7,181	33,768	34
3	6	9	2	34	6	2	14	7	...	7	6	6	35
10,317	22,344	61,934	128,468	87,414	6,791	10,835	36,026	22,293	...	13,733	1,631	32,131	36
...	...	2	...	10	2	1	6	4	...	2	...	1	37
...	...	635	...	46,074	3,876	12	41,203	956	...	40,247	...	983	38
...	...	...	...	6	1	...	3	1	...	2	1	1	39
...	...	...	...	77,710	1,880	...	69,626	57,316	...	12,310	5,550	654	40
...	...	...	...	6	...	1	2	1	...	1	...	3	41
...	...	...	...	20,220	...	4,400	265	238	...	27	...	15,555	42
2.0	2.7	3.0	2.0	3.0	4.0	2.4	2.3	2.6	...	2.0	1.9	4.7	43
3	4	7	2	14	2	1	7	4	...	3	3	1	44
46,513,597	45,800	194,200	3,910,707	11,593,453	18,400	12,000	11,500,705	1,131,403	...	10,369,302	7,648	54,700	45

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	Central Valley, total	Sacramento-San Joaquin Delta area (II-C)						Sacramento River (II-D)		
			Total	Delta and west side lands (1)	Morrison Creek area (2)	Consumnes River (3)	Mokelumne River area (4)	Calaveras River area (5)	Total	Sacramento River direct	
										Total	Below Colusa (1a)
1	Total acres irrigated in Census year.....1959...	5,465,000	736,000	402,000	38,000	45,000	93,000	158,000	1,194,000	597,000	359,000
2	1949...	4,668,895	547,330	345,906	18,449	22,807	75,429	84,739	959,353	461,427	273,874
3	Irrigation organizations.....organizations 1959...	354	43	32	...	4	4	5	96	38	17
4	1949...	477	40	30	...	4	2	6	99	43	18
	Service area, 1959:										
5	Farm area reported served by organizations.....acres 1959...	3,743,340	289,166	165,875	...	3,380	12,837	107,074	752,724	416,087	179,834
6	Farm area reported irrigated by organizations.....acres 1959...	3,090,342	261,011	153,056	...	2,250	12,725	92,980	526,084	300,385	141,037
7	Water users served, total.....water users 1959...	110,589	5,984	1,516	...	8	1,380	3,080	38,036	10,048	6,743
8	Farm irrigation water users.....water users 1959...	78,043	4,913	1,413	...	8	412	3,080	11,539	6,176	3,441
9	Residential water users.....water users 1959...	32,329	1,067	101	...	...	966	...	26,295	3,866	3,300
10	Other water users.....water users 1959...	217	4	2	...	...	2	...	202	6	2
	LAND IRRIGATED BY SOURCE OF WATER, 1959										
11	Ground water sources.....acres...	2,985,000	281,000	55,000	31,000	35,000	66,000	94,000	479,000	222,000	138,000
12	Surface water sources.....acres...	2,480,000	455,000	347,000	7,000	10,000	27,000	64,000	715,000	375,000	221,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959										
13	Total entering conveyance systems in basin.....organizations...	350	42	32	...	3	4	5	93	37	17
14	acre-feet...	10,756,668	2,396,450	1,901,668	...	35,631	106,531	393,820	3,466,508	2,103,634	888,015
15	From another drainage basin.....organizations...	1	2	2	...	...	...	2	3	4	5
16	acre-feet...	8,000	345,200	41,200	...	...	...	345,200	22,631	286,009	407,949
17	From drainage basin number.....D. B. No....	...	...	[1]	...	...	...	II-E-2	...	...	[2]
18	From natural sources within basin...organizations...	304	39	30	...	3	3	5	88	37	16
19	acre-feet...	10,748,668	2,051,250	1,860,468	...	35,631	106,531	48,620	3,443,877	1,817,625	480,066
20	Surface water.....organizations...	237	37	30	...	3	3	2	83	34	16
21	acre-feet...	9,921,568	2,007,510	1,851,848	...	35,631	106,531	13,500	3,407,240	1,789,416	480,006
22	Ground water.....organizations...	95	5	2	...	...	...	3	9	5	1
23	acre-feet...	827,100	43,740	8,620	...	...	...	35,120	36,637	28,209	60
24	*From other organizations in the basin*.....*organizations receiving*...	89	4	3	...	...	1	...	19	5	2
25	*acre-feet*...	3,199,016	41,033	38,864	...	...	2,169	...	789,954	45,547	36,161
26	Total leaving conveyance systems.....organizations...	350	42	32	...	3	4	5	93	37	17
27	acre-feet...	10,756,668	2,396,450	1,901,668	...	35,631	106,531	393,820	3,466,508	2,103,634	888,015
28	Conveyance loss in basin.....organizations...	231	26	16	...	2	4	5	73	32	14
29	acre-feet...	2,191,778	195,300	70,416	...	12,500	16,178	96,206	758,586	410,110	153,627
30	Conveyed to another drainage basin..organizations...	1	6	5	...	1	1	1	...	4	1
31	acre-feet...	68,669	1,419,481	1,409,850	...	9,631	29,200	12,000	...	173,550	107,900
32	To drainage basin number.....D. B. No....	...	...	[3]	...	II-D-2	II-C-1	II-C-1	...	...	II-D-2
33	Delivered for use in the basin.....organizations...	343	38	29	...	2	4	5	89	37	17
34	acre-feet...	8,496,221	781,669	421,402	...	13,500	61,153	285,614	2,707,922	1,519,974	626,488
35	To farm irrigation water users...organizations...	341	37	28	...	2	4	5	89	37	17
36	acre-feet...	8,165,743	752,000	393,236	...	13,500	59,650	285,614	2,579,250	1,510,382	619,275
37	To residential water users.....organizations...	38	4	3	...	...	1	...	17	5	2
38	acre-feet...	108,670	29,069	28,152	...	...	917	...	73,648	5,216	2,909
39	For other use.....organizations...	23	3	1	...	...	2	...	12	2	1
40	acre-feet...	221,808	600	14	...	...	586	...	55,024	4,376	4,304
41	*Delivered to other irrigation organizations*.....*organizations delivering*...	27	2	1	...	...	1	...	11	3	2
42	*acre-feet*...	3,199,016	41,033	38,864	...	...	2,169	...	789,954	45,547	36,161
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	2.6	2.9	2.6	...	6.0	4.7	3.1	4.9	5.0	4.4
	NEW CAPITAL INVESTMENT, 1950-1959										
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	199	31	24	...	2	4	2	49	21	10
45	dollars...	277,359,158	18,551,936	7,315,379	...	9,751,700	784,857	700,000	60,331,063	6,370,334	3,335,321

[1] 29,200 acre-feet from D. B. No. II-C-4, 12,000 acre-feet from D. B. No. II-C-5. [2] 121,940 acre-feet from D. B. No. II-D-1b, 32,700 acre-feet from D. B. No. II-D-5a, 253,309 acre-feet from D. B. No. II-D-5b. [3] 107,900 acre-feet from D. B. No. II-D-1a, 9,631 acre-feet from D. B. No. II-C-3. [4] 5,000 acre-feet from D. B. No. II-C-1, 28,100 acre-feet from D. B. No. II-D-4. [5] 135,097 acre-feet from D. B. No. II-D-5c, 8,000 acre-feet from D. B. No. III-C-2b. [6] 299,773 acre feet from D. B. No. II-D-5c, 8,838 acre-feet from D. B. No. II-D-2. [7] 426,770 acre-feet from D. B. No. II-D-5a, 64,350 acre-feet from D. B. No. II-D-1b. [8] Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State. [9] 5,000 acre-feet to D. B. No. II-D-3, 68,669 acre-feet to D. B. No. II-B-3b, 1,336,181 acre-feet to D. B. No. II-F-1a. [10] 121,940 acre-feet to D. B. No. II-D-1a, 1,300 acre-feet to D. B. No. II-D-7, 64,350 acre-feet to D. B. No. II-D-6. [11] 426,770 acre-feet to D. B. No. II-D-6, 32,700 acre-feet to D. B. No. II-D-1a. [12] 299,773 acre-feet to D. B. No. II-D-5b, 135,097 acre-feet to D. B. No. II-D-5a.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

Sacramento River (II-D)—Continued												
Sacramento River direct—Continued		American River	Putah Creek	Feather River				Butte Creek	Cache Creek and Stoney Creek	Cow Creek	Pit River	
Colusa to Red Bluff	Above Red Bluff			Total	Feather River direct	Bear River	Yuba River					
(1b)	(1c)	(2)	(3)		(5a)	(5b)	(5c)	(6)	(4, 7)	(8)	(9)	
210,000	28,000	20,000	51,000	216,000	178,000	21,000	17,000	89,000	122,000	8,000	91,000	1
164,243	23,310	19,663	37,143	177,898	152,962	14,204	10,732	83,433	76,882	7,173	95,734	2
16	7	12	5	23	19	3	7	5	4	10	9	3
19	8	12	2	25	21	2	8	9	4	9	10	4
207,153	29,100	14,686	22,359	108,037	84,283	11,554	12,200	72,190	80,430	4,445	34,490	5
133,113	26,235	12,383	8,159	83,658	62,197	9,761	11,700	49,472	35,190	3,855	32,982	6
2,056	1,249	13,789	60	8,613	4,071	1,185	3,357	4,491	868	70	97	7
1,971	764	1,157	55	2,757	1,725	715	317	361	868	68	97	8
85	481	12,466	...	5,831	2,337	470	3,024	4,130	...	2	...	9
...	4	166	5	25	9	...	16	...	...	...	...	10
79,000	5,000	7,000	37,000	88,000	72,000	11,000	5,000	41,000	74,000	1,000	9,000	11
131,000	23,000	13,000	14,000	128,000	106,000	10,000	12,000	48,000	48,000	7,000	82,000	12
16	6	11	5	23	19	3	7	5	4	9	9	13
1,161,903	175,656	106,875	33,250	1,383,892	942,022	321,384	555,356	422,551	233,898	24,869	80,806	14
...	...	2	2	2	4	3	...	4	1	...	...	15
...	...	117,531	33,100	16,838	143,097	308,611	...	491,120	1,300	...	...	16
...	...	(3)	(4)	...	(5)	(6)	...	(7)	II-D-1b	...	...	17
16	6	10	2	20	16	3	6	4	3	9	9	18
1,161,903	175,656	8-10,656	150	1,367,054	798,925	12,773	555,356	8-68,569	232,598	24,869	80,806	19
13	6	8	2	20	16	3	6	4	3	9	9	20
1,133,754	175,656	8-16,687	150	1,364,657	796,528	12,773	555,356	8-68,569	232,598	24,869	80,806	21
4	...	3	...	1	1	...	...	...	...	...	...	22
28,149	...	6,031	...	2,397	2,397	...	...	...	...	...	...	23
3	...	4	2	9	6	...	3	...	...	...	...	24
9,386	...	38,305	10,477	695,625	563,323	...	132,302	...	...	...	...	25
16	6	11	5	23	19	3	7	5	4	9	9	26
1,161,903	175,656	106,875	33,250	1,383,892	942,022	321,384	555,356	422,551	233,898	24,869	80,806	27
14	6	4	4	19	16	2	6	4	4	9	6	28
215,688	40,795	10,890	10,240	147,773	88,896	18,141	40,736	102,342	70,528	3,621	3,082	29
4	...	1	...	6	4	2	5	...	1	...	...	30
187,590	...	8,838	...	712,779	459,470	253,309	434,870	...	28,100	...	...	31
(10)	...	II-D-5b	...	...	(11)	II-D-1a	(12)	...	II-D-3	...	...	32
16	6	9	3	21	17	3	5	5	4	9	9	33
758,625	134,861	87,147	23,010	523,340	393,656	49,934	79,750	320,209	135,270	21,248	77,724	34
16	6	9	3	21	17	3	5	5	4	9	9	35
758,465	132,642	46,124	22,310	450,861	345,518	46,593	58,750	316,061	135,270	20,518	77,724	36
1	2	6	...	6	4	2	2	1	...	1	...	37
160	2,147	27,212	...	36,342	15,501	3,341	17,500	4,148	...	730	...	38
...	1	5	1	4	3	...	3	...	...	...	...	39
...	72	13,811	700	36,137	32,637	...	3,500	...	...	...	...	40
1	...	2	2	5	3	...	3	...	...	...	...	41
9,386	...	38,305	10,477	695,625	563,323	...	132,302	...	...	...	...	42
5.7	5.1	3.7	2.7	5.4	5.6	4.8	5.0	6.4	3.8	5.3	2.4	43
9	3	6	4	13	11	2	4	3	1	5	2	44
791,383	2,243,630	5,550,185	45,448,351	1,772,300	885,300	522,000	365,000	857,448	132,700	196,745	3,000	45

State Table 1.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	San Joaquin River (II-E)								
		Total	San Joaquin River direct				Stanislaus River	Tuolumne River	Los Banos Creek	Merced River
			Total	Below Newman	Newman to Mendota	Above Mendota				
				(1a)	(1b)	(1c)	(2)	(3)	(4)	(5)
1	Total acres irrigated in Census year.....1959...	1,197,000	501,000	129,000	254,000	118,000	75,000	205,000	63,000	72,000
2	1949...	1,198,468	534,040	106,269	331,611	96,160	91,675	189,216	54,179	84,010
3	Irrigation organizations.....organizations 1959...	60	38	21	11	10	8	6	6	6
4	1949...	55	33	13	7	14	8	6	3	5
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	1,080,380	435,431	135,942	211,394	88,095	64,740	208,201	59,398	88,855
6	Farm area reported irrigated by organizations.....acres 1959...	910,623	413,987	127,682	201,673	84,632	35,755	184,633	54,434	77,549
7	Water users served, total.....water users 1959...	32,278	13,657	2,131	1,354	10,172	2,576	9,481	660	3,130
8	Farm irrigation water users.....water users 1959...	29,150	13,593	2,068	1,353	10,172	1,595	7,400	659	3,130
9	Residential water users.....water users 1959...	3,123	61	61	...	...	981	2,081	...	...
10	Other water users.....water users 1959...	5	3	2	1	...	...	...	1	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	528,000	238,000	38,000	111,000	89,000	21,000	47,000	20,000	22,000
12	Surface water sources.....acres...	669,000	263,000	91,000	143,000	29,000	54,000	158,000	43,000	50,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	60	38	21	11	10	8	6	6	6
14	acre-feet...	4,832,908	3,650,049	1,579,644	986,775	1,276,701	653,375	989,161	1,107,798	682,436
15	From another drainage basin.....organizations...	4	6	4	2	2	1	2	1	1
16	acre-feet...	1,478,261	2,406,316	1,435,364	883,227	280,796	79,730	138,034	1,083,836	75,245
17	From drainage basin number.....D. B. No....	...	...	(1)	(2)	(3)	II-E-3	II-E-2	II-E-1a	II-E-3
18	From natural sources within basin...organizations...	36	18	8	5	7	7	6	3	6
19	acre-feet...	3,354,647	1,243,733	144,280	103,548	995,905	573,645	851,127	23,962	607,191
20	Surface water.....organizations...	25	12	6	3	4	7	5	1	4
21	acre-feet...	2,847,151	1,168,971	119,812	53,563	995,596	513,245	700,535	7,200	485,920
22	Ground water.....organizations...	22	11	4	5	3	3	4	2	5
23	acre-feet...	507,496	74,762	24,468	49,985	309	60,400	150,592	16,762	121,271
24	*From other organizations in the basin.....organizations receiving...*	30	24	14	8	3	2	...	3	...
25	*acre-feet...*	1,353,857	1,030,794	203,498	655,778	171,518	3,117	...	229,496	...
26	Total leaving conveyance systems.....organizations...	60	38	21	11	10	8	6	6	6
27	acre-feet...	4,832,908	3,650,049	1,579,644	986,775	1,276,701	653,375	989,161	1,107,798	682,436
28	Conveyance loss in basin.....organizations...	35	20	9	7	8	8	5	3	4
29	acre-feet...	745,739	314,668	91,132	157,168	66,368	41,318	189,307	71,268	40,829
30	Conveyed to another drainage basin..organizations...	4	4	1	2	4	4	3	1	1
31	acre-feet...	1,206,751	2,104,223	1,083,836	143,901	1,069,557	483,234	254,158	828,872	356,950
32	To drainage basin number.....D. B. No....	...	...	II-E-4	(9)	(10)	(11)	(12)	II-E-1b	II-E-6
33	Delivered for use in the basin.....organizations...	59	37	20	11	7	8	6	5	6
34	acre-feet...	2,880,418	1,231,158	404,676	685,706	140,776	128,823	545,696	207,658	284,657
35	To farm irrigation water users...organizations...	58	37	20	11	7	7	6	5	6
36	acre-feet...	2,819,536	1,211,396	402,794	667,826	140,776	127,830	544,269	189,658	284,657
37	To residential water users.....organizations...	4	1	1	...	...	2	1	...	...
38	acre-feet...	2,422	2	2	...	...	993	1,427	...	...
39	For other use.....organizations...	4	3	2	1	...	...	...	1	...
40	acre-feet...	58,460	19,760	1,880	17,880	...	...	...	18,000	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	5	3	2	1	2	1	...	1	...
42	*acre-feet...*	1,353,857	1,030,794	203,498	655,778	171,518	3,117	...	229,496	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.1	2.9	3.2	3.3	1.7	3.6	2.9	3.5	3.7
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	33	23	12	10	5	5	5	2	3
45	dollars...	95,320,749	24,473,088	3,468,364	9,497,545	11,507,179	48,111,174	5,798,816	2,707,557	1,099,000

[1]1,336,181 acre-feet from D. B. No. II-C-1, 99,183 acre-feet from D. B. No. II-E-3. [2]54,355 acre-feet from D. B. No. II-E-1c, 828,872 acre-feet from D. B. No. II-E-4. [3]138,716 acre-feet from D. B. No. II-E-1b, 142,080 acre-feet from D. B. No. II-F-3. [4]153,651 acre-feet from D. B. No. II-E-1c, 5,185 acre-feet from D. B. No. II-E-1b. [5]66,054 acre-feet from D. B. No. II-E-1c, 71,735 acre-feet from D. B. No. II-F-3. [6]28,239 acre-feet from D. B. No. II-G-6, 117,009 acre-feet from D. B. No. II-G-9, 14,748 acre-feet from D, B. No. II-G-10, 2,199 acre-feet from D. B. No. II-G-11, 4,825 acre-feet from D. B. No. II-G-13, 1,110 acre-feet from D. B. No. II-G-4. [7]302,751 acre-feet from D. B. No. III-C-9, 103,996 acre-feet from D. B. No. II-G-7. [8]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State. [9]138,716 acre-feet to D. B. No. II-E-1c, 5,185 acre-feet to D. B. No. II-E-7. [10]54,355 acre-feet to D. B. No. II-E-1b, 66,054 acre-feet to D. B. No. II-F-1, 795,497 acre-feet to D. B. No. II-F-3, 153,651 acre-feet to D. B. No. II-F-2. [11]345,200 acre-feet to D. B. No. II-C-5, 138,034 acre-feet to D. B. No. II-E-3. [12]75,245 acre-feet to D. B. No. II-E-5, 99,183 acre-feet to D. B. No. II-E-1a, 79,730 acre-feet to D. B. No. II-E-2. [13]142,080 acre-feet to D. B. No. II-E-1c, 71,735 acre-feet to D. B. No. II-F-1, 868,273 acre-feet to D. B. No. II-F-4. [14]66,495 acre-feet to D. B. No. II-G-10, 39,794 acre-feet to D. B. No. II-G-12, 265 acre-feet to D. B. No. II-G-11.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

San Joaquin River (II-E)—Continued		San Joaquin Valley above San Joaquin River (II-F)						Santa Maria River and basins south (II-G)						
Bear Creek	Chowchilla and Fresno Rivers	Total	Fresno Slough and West side area	Kings River	Kaweah and Tule Rivers	Deer Creek-White River area	Kern River and Buena Vista Lake	Total	Pacific Coast direct	Santa Maria River and Santa Ynez River	Santa Clara River	Calleguas Creek	Los Angeles River	
(6)	(7)		(1, 2)	(3)	(4)	(5)	(6)		(1)	(2, 3)	(4)	(5)	(6)	
134,000	147,000	2,338,000	700,000	395,000	589,000	123,000	531,000	548,000	56,000	52,000	57,000	65,000	18,000	1
107,964	137,384	1,963,744	463,066	444,258	512,170	123,719	420,531	654,679	55,387	45,219	66,631	49,914	44,029	2
3	4	166	26	25	80	9	35	629	54	4	42	20	8	3
2	11	245	42	27	123	6	54	951	63	4	49	27	21	4
118,255	105,500	1,621,070	604,328	330,844	374,995	124,868	186,035	720,001	98,510	4,370	24,923	12,173	16,240	5
86,465	57,800	1,392,624	488,617	310,986	350,974	115,267	126,780	304,678	25,934	4,370	22,778	9,020	16,210	6
2,148	626	34,291	5,429	19,908	6,163	1,453	1,338	912,386	77,888	26	1,876	1,512	574,783	7
2,147	626	32,441	5,217	19,907	5,290	877	1,150	27,608	5,439	26	630	539	1,646	8
...	...	1,844	210	...	872	576	186	877,912	70,985	...	1,233	973	573,137	9
1	...	6	2	1	1	...	2	6,866	1,464	...	13	...	...	10
67,000	113,000	1,697,000	510,000	276,000	404,000	72,000	435,000	445,000	45,000	51,000	46,000	60,000	18,000	11
67,000	34,000	641,000	190,000	119,000	185,000	51,000	96,000	103,000	11,000	1,000	11,000	5,000	...	12
3	4	165	26	24	80	9	35	628	54	3	42	20	8	13
402,450	168,325	2,760,445	606,116	1,599,732	1,095,951	364,468	427,016	1,492,749	212,560	10,925	119,956	19,598	525,034	14
1	3	2	4	1	4	1	2	2	12	...	...	...	2	15
356,950	158,836	861,551	137,789	795,497	868,273	343,037	49,793	579,459	168,130	...	...	...	406,747	16
II-E-5	(4)	...	(5)	II-E-1c	II-F-3	II-F-4	II-F-5	...	(6)	...	...	...	(7)	17
3	2	145	19	21	68	5	32	578	34	3	40	20	6	18
45,500	9,489	1,898,894	468,327	804,235	227,678	21,431	377,223	913,290	44,430	10,925	119,956	19,598	118,287	19
1	1	96	17	20	44	1	14	68	8	...	9	2	...	20
[8]-32,400	3,680	1,659,667	402,915	789,060	161,963	404	305,325	223,674	22,975	...	46,826	970	...	21
3	1	60	3	5	29	4	19	553	29	3	37	19	6	22
77,900	5,809	239,227	65,412	15,175	65,715	21,027	71,898	689,616	21,455	10,925	73,130	18,628	118,287	23
1	1	37	8	4	19	4	2	118	23	...	5	...	2	24
1,250	89,200	1,014,172	113,227	65,210	486,175	288,536	61,024	581,841	118,442	...	4,882	...	87,523	25
3	4	165	26	24	80	9	35	628	54	3	42	20	8	26
402,450	168,325	2,760,445	606,116	1,599,732	1,095,951	364,468	427,016	1,492,749	212,560	10,925	119,956	19,598	525,034	27
2	4	106	22	21	49	3	19	157	21	2	7	5	3	28
29,577	58,772	492,153	174,907	126,484	101,610	15,497	73,655	91,492	8,448	315	2,880	660	34,552	29
...	...	1	...	8	2	2	...	...	4	...	2	...	3	30
...	...	142,080	...	1,082,088	343,037	49,793	...	...	106,554	...	1,110	...	28,239	31
...	...	...	...	(13)	II-F-5	II-F-6	...	...	(14)	...	II-G-1	...	II-G-1	32
3	3	164	25	23	79	8	35	619	46	3	42	20	6	33
372,873	109,553	2,126,212	431,209	391,160	651,304	299,178	353,361	1,401,257	97,558	10,610	115,966	18,938	462,243	34
3	3	163	25	22	79	8	34	615	45	3	42	20	6	35
352,173	109,553	2,014,957	414,113	390,874	571,000	297,727	341,243	641,356	40,759	10,610	68,778	16,934	31,596	36
...	...	13	1	...	5	3	4	172	27	...	15	9	2	37
...	...	3,531	435	...	1,626	1,451	19	632,216	43,930	...	7,586	2,004	430,647	38
1	...	5	1	1	2	...	2	52	7	...	5	...	...	39
20,700	...	107,724	16,661	286	78,678	...	12,099	127,685	12,869	...	39,602	...	...	40
1	1	14	4	3	9	1	2	59	14	...	4	...	1	41
1,250	89,200	1,014,172	113,227	65,210	486,175	288,536	61,024	581,841	118,442	...	4,882	...	87,523	42
4.1	1.9	1.4	0.8	1.3	1.6	2.6	2.7	2.1	1.6	2.4	3.0	1.9	1.9	43
2	4	94	17	7	46	7	23	245	26	1	24	12	1	44
803,677	12,327,437	103,155,410	2,257,930	4,391,779	43,011,282	39,374,245	14,120,174	131,385,057	69,805,165	11,238,200	27,492,313	435,159	6,000	45

State Table 1.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	Santa Maria River and basins south (II-G)—Continued						Great Basin, total	Northwest Great Basin (III-A)	
		San Gabriel River	Santa Ana River	San Jacinto Basin	San Luis Rey River	San Dieguito River	San Diego and Sweetwater Rivers		Total	Cowhead and Warner Lakes area
		(7)	(8)	(9)	(10)	(11)	(12, 13)			(3)
1	Total acres irrigated in Census year.....1959...	39,000	181,000	51,000	9,000	8,000	12,000	191,000	32,000	2,000
2	1949...	103,810	219,750	38,365	12,495	9,430	9,649	210,500	38,124	819
3	Irrigation organizations.....organizations 1959...	120	343	33	18	8	10	19	1	...
4	1949...	249	495	40	11	3	6	26	2	...
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	35,866	176,625	253,084	82,757	11,138	4,315	65,704	(D)	...
6	Farm area reported irrigated by organizations.....acres 1959...	25,781	136,565	35,298	22,519	4,758	1,445	61,116	(D)	...
7	Water users served, total.....water users 1959...	24,951	80,006	6,870	2,520	3,032	138,922	5,877	(D)	...
8	Farm irrigation water users.....water users 1959...	3,698	11,747	1,652	1,054	787	390	526	(D)	...
9	Residential water users.....water users 1959...	21,167	68,124	5,026	1,441	2,245	133,581	5,350	...	...
10	Other water users.....water users 1959...	86	135	192	25	...	4,951	1	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	33,000	141,000	31,000	7,000	5,000	8,000	93,000	6,000	...
12	Surface water sources.....acres...	6,000	40,000	20,000	2,000	3,000	4,000	98,000	26,000	2,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	120	343	33	18	8	9	17	1	...
14	acre-feet...	221,843	583,429	312,976	96,818	63,348	101,377	536,081	(D)	...
15	From another drainage basin.....organizations...	4	3	2	2	3	4	...	...	...
16	acre-feet...	138,174	146,831	279,708	66,495	56,529	91,960	...	...	...
17	From drainage basin number.....D. B. No....	II-G-8	(1)	(2)	II-G-1	(3)	(4)	...	...	...
18	From natural sources within basin...organizations...	112	321	28	10	4	6	16	1	...
19	acre-feet...	83,669	436,598	33,268	30,323	6,819	9,417	536,081	(D)	...
20	Surface water.....organizations...	13	27	2	5	1	3	11	1	...
21	acre-feet...	19,290	87,844	8,815	22,198	6,041	8,715	528,315	(D)	...
22	Ground water.....organizations...	104	314	28	9	3	3	8	...	...
23	acre-feet...	64,379	348,754	24,453	8,125	778	702	7,766	...	...
24	*From other organizations in the basin.....organizations receiving...*	14	48	7	9	4	7	1	...	...
25	*acre-feet...*	26,968	119,785	156,004	13,441	4,355	50,441	4,984	...	...
26	Total leaving conveyance systems.....organizations...	120	343	33	18	8	9	17	1	...
27	acre-feet...	221,843	583,429	312,976	96,818	63,348	101,377	536,081	(D)	...
28	Conveyance loss in basin.....organizations...	25	74	11	13	5	6	10	1	...
29	acre-feet...	5,641	25,528	2,757	3,423	510	6,778	37,028	(D)	...
30	Conveyed to another drainage basin..organizations...	2	5	4	5	4	1	3	...	...
31	acre-feet...	121,470	141,174	246,366	71,012	54,365	4,825	314,051	...	...
32	To drainage basin number.....D. B. No....	(7)	(8)	(9)	(10)	(11)	II-G-1	...	...	...
33	Delivered for use in the basin.....organizations...	116	339	30	16	5	8	16	1	...
34	acre-feet...	94,732	416,727	63,853	22,383	8,473	89,774	185,002	(D)	...
35	To farm irrigation water users...organizations...	116	337	30	16	5	7	16	1	...
36	acre-feet...	51,197	331,520	58,829	20,986	7,320	2,827	180,055	(D)	...
37	To residential water users.....organizations...	32	69	6	12	4	6	8	...	...
38	acre-feet...	15,013	54,493	3,961	832	1,153	72,597	4,944	...	...
39	For other use.....organizations...	15	18	2	2	...	3	1	...	...
40	acre-feet...	28,522	30,714	1,063	565	...	14,350	3	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	7	31	3	4	4	3	1	...	...
42	*acre-feet...*	26,968	119,785	156,004	13,441	4,355	50,441	4,984	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	2.0	2.4	1.7	0.9	1.5	2.0	2.9	(D)	...
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	29	129	10	13	6	2	10	1	...
45	dollars...	1,861,786	4,124,512	8,832,502	4,651,971	2,893,149	44,300	386,937	(D)	...

D Data not shown to avoid disclosure of information for individual organizations. [1]129,357 acre-feet from D. B. No. II-G-9, 17,474 acre-feet from D. B. No. II-G-7, [2]3,000 acre-feet from D. B. No. II-G-8, 276,708 acre-feet from D. B. No. IV-B-2b. [3]56,264 acre-feet from D. B. No. II-G-10, 265 acre-feet from D. B. No. II-G-1. [4]39,794 acre-feet from D. B. No. II-G-1, 52,166 acre-feet from D. B. No. II-G-11. [5]302,751 acre-feet from D. B. No. III-C-5, 276,708 acre-feet from D. B. No. IV-B-1b. [6]276,708 acre-feet from D. B. No. III-C-8, 3,214,841 acre-feet from D. B. No. IV-B-1. [7]103,996 acre-feet to D. B. No. II-G-6, 17,474 acre-feet to D. B. No. II-G-8. [8]138,174 acre-feet to D. B. No. II-G-7, 3,000 acre-feet to D. B. No. II-G-9. [9]117,009 acre-feet to D. B. No. II-G-1, 129,357 acre-feet to D. B. No. II-G-8. [10]56,264 acre-feet to D. B. No. II-G-11, 14,748 acre-feet to D. B. No. II-G-1. [11]2,199 acre-feet to D. B. No. II-G-1, 52,166 acre-feet to D. B. No. II-G-12. [12]302,751 acre-feet to D. B. No. III-C-9, 276,708 acre-feet to D. B. No. IV-B-22a. [13]3,214,841 acre-feet to D. B. No. IV-B-2, 276,708 acre-feet to D. B. No. III-C-8, 299,479 acre-feet to D. B. No. IV-B-2a.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

Northwest Great Basin (III-A)—Con.		South Central Great Basin (III-C)								Gulf of California: Colorado River below Lees Ferry, Arizona (IV-B)			
Surprise Valley and Madeline Plains (4)	Central desert area (5)	Total	Honey Lake (1)	Truckee River (2b)	Carson and Walker Rivers (3, 4)	Mono Lake-Owens Valley area (5)	Dixie Valley-Fish Lake area (6)	Southwest desert (8)	Antelope Valley and Mojave River (9, 10)	Total	Colorado River direct (1)	Salton Sea area (2)	
30,000	...	159,000	36,000	...	14,000	33,000	...	10,000	66,000	548,000	84,000	464,000	1
37,305	...	172,376	34,213	1,565	45,083	18,036	...	7,848	65,631	531,373	62,264	469,109	2
1	...	18	1	2	5	3	...	...	7	13	6	8	3
2	...	24	1	3	6	7	...	...	7	23	3	20	4
(D)	...	(D)	(D)	...	24,515	(D)	...	...	3,529	609,301	89,985	519,316	5
(D)	...	(D)	(D)	...	22,515	(D)	...	...	1,912	583,323	85,596	497,727	6
(D)	...	(D)	(D)	...	49	(D)	...	...	5,218	12,234	497	11,737	7
(D)	...	(D)	(D)	...	49	(D)	...	...	135	7,084	482	6,602	8
...	...	(D)	...	...	...	(D)	...	...	5,082	5,150	15	5,135	9
...	...	(D)	...	...	...	...	...	...	1	...	...	...	10
6,000	...	87,000	11,000	...	1,000	2,000	...	10,000	63,000	23,000	3,000	20,000	11
24,000	...	72,000	25,000	...	13,000	31,000	...	...	3,000	525,000	81,000	444,000	12
1	...	16	1	1	4	3	...	2	7	13	6	8	13
(D)	...	(D)	(D)	(D)	80,851	(D)	...	579,459	312,892	4,767,931	4,482,623	3,500,149	14
...	...	1	...	...	...	...	...	2	1	1	...	2	15
...	...	(D)	...	...	...	...	...	579,459	302,751	276,708	...	3,491,549	16
...	...	...	...	...	...	...	...	(5)	III-C-8	...	...	(6)	17
1	...	15	1	1	4	2	...	...	7	12	6	6	18
(D)	...	(D)	(D)	(D)	80,851	(D)	...	...	10,141	4,491,223	4,482,623	8,600	19
1	...	10	1	1	4	2	...	...	2	9	6	3	20
(D)	...	(D)	(D)	(D)	80,851	(D)	...	...	2,475	4,476,644	4,473,333	3,311	21
...	...	8	...	...	...	1	...	...	7	6	1	5	22
...	...	(D)	...	...	...	(D)	...	...	7,666	14,579	9,290	5,289	23
...	...	1	...	...	...	1	...	...	...	4	3	1	24
...	...	(D)	...	...	...	(D)	...	...	...	7,740,735	7,378,795	361,940	25
1	...	16	1	1	4	3	...	2	7	13	6	8	26
(D)	...	(D)	(D)	(D)	80,851	(D)	...	579,459	312,892	4,767,931	4,482,623	3,500,149	27
1	...	9	1	...	4	2	...	...	2	6	3	4	28
(D)	...	(D)	(D)	...	9,153	(D)	...	...	673	,881,609	255,671	625,938	29
...	...	4	...	1	1	1	...	2	1	2	3	1	30
...	...	(D)	...	(D)	3,300	(D)	...	579,459	302,751	852,895	3,791,028	276,708	31
...	...	...	...	II-D-5a	III-C-3b	III-C-8	...	(12)	II-G-6	...	(13)	II-G-9	32
1	...	15	1	...	4	3	...	...	7	10	2	8	33
(D)	...	(D)	(D)	...	68,398	(D)	...	...	9,468	3,033,427	435,924	2,597,503	34
1	...	15	1	...	4	3	...	...	7	10	2	8	35
(D)	...	(D)	(D)	...	68,398	(D)	...	...	5,621	2,998,922	435,424	2,563,498	36
...	...	8	...	...	...	1	...	...	7	7	1	6	37
...	...	(D)	...	...	...	(D)	...	...	3,844	34,505	500	34,005	38
...	...	1	...	...	...	...	...	...	1	...	...	...	39
...	...	(D)	...	...	...	...	...	...	3	...	...	...	40
...	...	1	...	...	...	1	...	...	...	2	2	1	41
...	...	(D)	...	...	...	(D)	...	...	...	7,740,735	7,378,795	361,940	42
(D)	...	(D)	(D)	...	3.0	(D)	...	...	2.9	5.1	5.1	5.2	43
1	...	9	...	1	5	1	...	...	2	6	2	4	44
(D)	...	(D)	...	(D)	110,500	(D)	...	...	251,872	24,552,013	1,814,113	22,737,900	45

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)		California, total	Klamath River to Santa Maria River excluding Central Valley (II-B)	San Joaquin River (II-E)	San Joaquin Valley above San Joaquin River (II-F)	Santa Maria River and basins south (II-G)	Sacramento-San Joaquin Delta area, and Sacramento River (II-C and II-D)
1	Irrigation organizations, total number	organizations 1959	1,075	39	60	166	629	137
2		1949	1,506	54	55	245	951	139
3	Area irrigated as reported by organizations	acres 1959	4,184,482	30,646	910,623	1,392,624	304,678	787,095
4		1949	3,135,281	19,869	844,934	745,943	349,168	557,397
5	Farm water users served directly	water users 1959	116,037	1,332	29,150	32,441	27,608	16,452
6	Total water conveyed	acre-feet 1959	28,868,651	243,389	6,186,765	3,774,617	2,074,590	6,679,314
	TYPE OF ORGANIZATION							
	Mutual:							
7	Unincorporated	organizations 1959	384	15	8	53	259	31
8		1949	709	26	20	117	467	50
9	Farm area irrigated directly	acres 1959	75,038	1,263	1,190	12,351	17,142	25,796
10	Farm water users served directly	water users 1959	2,074	75	20	294	1,417	177
11	Total water conveyed	acre-feet 1959	359,229	9,853	10,235	87,070	63,528	127,861
12	Incorporated	organizations 1959	432	11	10	73	293	32
13		1949	561	9	11	94	402	26
14	Farm area irrigated directly	acres 1959	1,035,041	9,595	99,559	536,167	194,911	164,166
15	Farm water users served directly	water users 1959	22,005	404	526	2,926	15,634	2,194
16	Total water conveyed	acre-feet 1959	3,129,996	65,114	420,346	827,986	635,125	783,908
17	District	organizations 1959	173	2	36	31	40	56
18		1949	114	5	17	20	23	44
19	Farm area irrigated directly	acres 1959	2,836,277	(D)	(D)	775,557	52,374	537,365
20	Farm water users served directly	water users 1959	82,983	(D)	(D)	28,782	7,022	10,985
21	Total water conveyed	acre-feet 1959	15,108,773	(D)	(D)	1,795,317	615,556	3,803,922
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau	organizations 1959	13	1	2	2	1	7
23		1949	6	1	2	1	...	3
24	Farm area irrigated directly	acres 1959	26,255	(D)	(D)	2,285	...	...
25	Farm water users served directly	water users 1959	473	(D)	(D)	5	...	...
26	Total water conveyed	acre-feet 1959	8,522,360	(D)	(D)	885,368	8,516	1,429,780
27	*U. S. Bureau of Reclamation; operated by water users*	*organizations 1959*	29	...	3	11	6	4
28		*1949*	NA	NA	NA	NA	NA	NA
29	Farm area irrigated directly	acres 1959	845,029	...	71,444	184,723	4,453	24,641
30	Farm water users served directly	water users 1959	12,466	...	795	3,065	463	1,032
31	Total water conveyed	acre-feet 1959	6,639,274	...	205,711	452,846	24,925	155,961
32	U. S. Bureau of Indian Affairs	organizations 1959	7	...	...	...	2	1
33		1949	14	...	...	1	5	1
34	Farm area irrigated directly	acres 1959	3,354	...	...	...	380	800
35	Farm water users served directly	water users 1959	443	...	...	...	91	10
36	Total water conveyed	acre-feet 1959	12,741	...	...	...	2,123	2,050
37	Commercial	organizations 1959	51	7	4	7	22	10
38		1949	80	9	5	10	40	14
39	Farm area irrigated directly	acres 1959	158,517	3,535	9,248	66,264	19,806	58,968
40	Farm water users served directly	water users 1959	5,919	69	611	434	1,560	3,086
41	Total water conveyed	acre-feet 1959	952,298	64,660	79,007	178,876	96,786	531,793
42	State	organizations 1959	...	...	...	...	...	...
43		1949	...	...	...	...	...	...
44	Farm area irrigated directly	acres 1959	...	...	...	...	...	...
45	Farm water users served directly	water users 1959	...	...	...	...	...	...
46	Total water conveyed	acre-feet 1959	...	...	...	...	...	...
47	City	organizations 1959	15	3	...	...	12	...
48		1949	22	4	...	2	14	1
49	Farm area irrigated directly	acres 1959	50,000	1,177	...	...	20,065	...
50	Farm water users served directly	water users 1959	2,140	102	...	...	1,884	...
51	Total water conveyed	acre-feet 1959	783,254	9,198	...	...	652,956	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	California, total	Klamath River to Santa Maria River excluding Central Valley (II-B)	San Joaquin River (II-E)	San Joaquin Valley above San Joaquin River (II-F)	Santa Maria River and basins south (II-G)	Sacramento-San Joaquin Delta area, and Sacramento River (II-C and II-D)
	TYPE OF SERVICE, 1959						
1	All water directly from surface and ground water sources.....organizations...	846	32	28	128	510	110
2	Total water conveyed.....acre-feet...	16,817,062	208,070	4,511,818	2,487,560	738,930	4,637,579
3	Water delivered.....acre-feet...	15,002,875	124,493	2,841,138	1,971,876	636,177	2,719,493
4	To farm and residential users only.....organizations...	793	25	23	115	488	100
5	acre-feet...	4,395,091	95,815	896,418	574,432	284,129	1,798,767
6	To farm and residential users and other irrigation organizations.....organizations...	37	2	4	11	17	7
7	Water to farm and residential users.....acre-feet...	1,300,836	8,458	597,883	384,182	36,283	269,516
8	Water to other irrigation organizations.....acre-feet...	1,472,554	265	1,148,815	220,256	23,613	79,605
9	To other irrigation organizations only.....organizations...	14	4	1	2	4	3
10	acre-feet...	7,834,394	19,955	198,022	793,006	292,152	571,605
11	Part of water from other organizations.....organizations...	123	5	11	18	70	17
12	Total water conveyed.....acre-feet ..	10,545,371	35,268	1,350,510	762,813	1,099,947	1,986,886
13	From surface and ground water sources.....acre-feet...	504,793	15,099	312,786	272,885	632,719	1,210,748
14	From other irrigation organizations.....acre-feet...	10,040,578	20,169	1,037,724	489,928	467,228	776,138
15	Water delivered.....acre-feet...	8,368,444	29,164	1,063,579	576,332	989,153	1,502,236
16	To farm and residential users only.....organizations...	91	5	10	17	47	12
17	acre-feet...	2,779,735	29,164	979,969	455,166	229,650	1,034,862
18	To farm and residential users and other irrigation organizations.....organizations...	31	...	1	1	22	5
19	Water to farm and residential users.....acre-feet..	3,519,369	...	76,590	120,256	659,958	291,574
20	Water to other irrigation organizations.....acre-feet...	2,059,636	...	7,020	910	89,841	175,800
21	To other irrigation organizations only.....organizations...	1	...	...	...	1	...
22	acre-feet...	9,704	...	...	...	9,704	...
23	All of water from other organizations.....organizations...	97	2	21	19	48	6
24	Total water conveyed.....acre-feet...	1,506,218	51	324,437	524,244	235,713	54,849
25	Water delivered.....acre-feet...	1,353,965	51	271,098	484,452	230,083	43,225
26	To farm and residential users only.....organizations...	80	2	21	19	32	5
27	acre-feet...	1,163,366	51	271,098	484,452	43,461	39,248
28	To farm and residential users and other irrigation organizations.....organizations...	9	...	...	...	9	...
29	Water to farm residential users.....acre-feet...	20,091	...	...	...	20,091	...
30	Water to other irrigation organizations.....acre-feet...	11,893	...	...	...	11,893	...
31	To other irrigation organizations only.....organizations...	8	...	...	...	7	1
32	acre-feet...	158,615	...	...	...	154,638	3,977
33	No water conveyed.....organizations...	9	...	...	1	1	4
	WATER FROM OTHER SOURCES						
34	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	833	28	36	93	528	114
35	acres served...	3,693,391	31,611	1,162,036	659,613	410,680	1,000,734
36	acres irrigated...	3,064,803	27,947	989,673	622,644	253,040	738,607
37	Water delivered to farms.....acre-feet...	10,046,439	66,991	2,852,236	784,247	578,530	3,081,577
38	acre-feet per acre...	3.3	2.4	2.9	1.3	2.3	4.2
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	208	6	23	70	87	15
40	acres served...	1,714,108	7,038	146,494	1,034,026	340,549	116,422
41	acres irrigated...	1,225,914	6,999	133,175	841,753	82,866	112,274
42	Water delivered to farms.....acre-feet...	2,733,437	30,858	468,635	1,354,100	159,622	465,809
43	acre-feet per acre...	2.2	4.4	3.5	1.6	1.9	4.1

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	California, total	Klamath River to Santa Maria River excluding Central Valley (II-B)	San Joaquin River (II-E)	San Joaquin Valley above San Joaquin River (II-F)	Santa Maria River and basins south (II-G)	Sacramento-San Joaquin Delta area, and Sacramento River (II-C and II-D)
	WATER DELIVERED PER ACRE						
	Organizations reporting NO water from other sources used on same land:						
1	0.1 to 0.9 acre-feet per acre.....organizations...	54	6	...	5	40	...
2	acres irrigated...	319,288	560	...	287,214	30,926	...
3	1.0 to 1.9 acre-feet per acre.....organizations...	175	8	6	15	132	12
4	acres irrigated...	485,243	11,278	249,722	265,371	73,862	63,165
5	2.0 to 2.9 acre-feet per acre.....organizations...	210	7	9	15	138	29
6	acres irrigated...	589,825	12,309	274,533	14,869	103,418	174,909
7	3.0 to 3.9 acre-feet per acre.....organizations...	163	2	13	26	92	24
8	acres irrigated...	606,260	115	345,882	44,531	27,640	161,692
9	4.0 to 4.9 acre-feet per acre.....organizations...	105	2	4	14	66	16
10	acres irrigated...	266,544	3,141	116,371	5,250	13,033	82,931
11	5.0 to 5.9 acre-feet per acre.....organizations...	51	1	2	10	22	11
12	acres irrigated...	633,831	94	2,375	3,966	1,913	97,754
13	6.0 to 6.9 acre-feet per acre.....organizations...	26	1	...	3	18	4
14	acres irrigated...	96,941	305	...	231	937	95,468
15	7.0 to 7.9 acre-feet per acre.....organizations...	23	...	1	2	11	9
16	acres irrigated...	39,090	...	250	596	523	37,721
17	8.0 to 9.9 acre-feet per acre.....organizations...	19	1	...	3	6	7
18	acres irrigated...	25,869	145	...	616	515	23,901
19	10.0 or more acre-feet per acre.....organizations...	7	...	1	...	3	2
20	acres irrigated...	1,912	...	540	...	273	1,066
	SIZE OF ORGANIZATION						
	Size of organization (number of farm irrigation water users served directly):						
21	None.....organizations...	35	5	1	3	14	9
22	1 to 3.....organizations...	227	6	12	27	156	17
23	water users...	536	15	30	59	367	43
24	4 to 9.....organizations...	277	14	10	39	176	28
25	water users...	1,589	90	64	229	997	158
26	10 to 29.....organizations...	245	6	12	41	149	28
27	water users...	3,924	101	218	726	2,336	430
28	30 to 99.....organizations...	147	4	7	30	78	19
29	water users...	7,624	245	301	1,440	4,084	1,014
30	100 to 299.....organizations...	80	3	6	13	37	20
31	water users...	13,414	594	1,051	2,492	6,020	3,255
32	300 to 999.....organizations...	49	1	5	10	16	12
33	water users...	23,750	308	2,167	5,132	8,255	5,950
34	1,000 or more.....organizations...	15	...	7	3	3	4
35	water users...	66,876	...	43,705	32,365	5,719	7,693
	Size of organization (acre-feet of water delivered directly to farms):						
36	None.....organizations...	35	5	1	3	14	9
37	1 to 299 acre-feet.....organizations...	394	18	6	30	329	3
38	acre-feet...	47,941	1,775	606	3,076	40,809	496
39	300 to 999 acre-feet.....organizations...	247	6	2	36	180	11
40	acre-feet...	135,136	3,037	1,158	21,118	95,942	7,675
41	1,000 to 2,999 acre-feet.....organizations...	137	3	5	30	68	24
42	acre-feet...	249,149	4,862	9,842	56,986	121,545	41,172
43	3,000 to 9,999 acre-feet.....organizations...	114	1	17	28	26	33
44	acre-feet...	653,363	5,696	95,505	170,749	144,379	182,045
45	10,000 to 29,999 acre-feet.....organizations...	78	6	11	21	11	27
46	acre-feet...	1,372,593	82,479	191,979	381,545	215,916	458,806
47	30,000 to 99,999 acre-feet.....organizations...	46	...	10	12	...	22
48	acre-feet...	2,642,298	...	570,994	701,939	...	1,321,572
49	100,000 or more acre-feet.....organizations...	24	...	8	5	1	8
50	acre-feet...	7,679,396	...	2,450,787	794,024	119,561	1,535,620
	Size of organization (acre-feet of water conveyed):						
51	None.....organizations...	9	...	...	1	1	4
52	1 to 299 acre-feet.....organizations...	359	15	6	29	300	3
53	acre-feet...	45,144	1,517	635	3,089	38,631	515
54	300 to 999 acre-feet.....organizations...	230	6	2	30	174	8
55	acre-feet...	123,932	2,977	1,258	17,361	91,274	5,323
56	1,000 to 2,999 acre-feet.....organizations...	139	5	5	29	75	18
57	acre-feet...	244,133	8,046	11,086	52,125	129,102	31,720
58	3,000 to 9,999 acre-feet.....organizations...	148	4	15	34	47	37
59	acre-feet...	842,395	27,149	89,598	188,851	267,049	216,115
60	10,000 to 29,999 acre-feet.....organizations...	93	7	11	17	23	30
61	acre-feet...	1,593,082	83,471	185,862	306,573	399,310	546,963
62	30,000 to 99,999 acre-feet.....organizations...	52	2	10	13	6	20
63	acre-feet...	2,855,070	120,229	644,540	595,776	280,969	1,186,467
64	100,000 or more acre-feet.....organizations...	45	...	11	13	3	17
65	acre-feet...	24,160,998	...	5,650,456	4,103,201	995,170	4,956,227

State Table 3.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	California, total	North Pacific Coast excluding Columbia River (I-A)	Klamath River to Santa Maria River excluding Central Valley (II-B)	Sacramento-San Joaquin Delta area and Sacramento River (II-C and II-D)	San Joaquin River (II-E)	San Joaquin Valley above San Joaquin River (II-F)	Santa Maria River and Basins south (II-G)
1	Total acres irrigated.....farms reporting...	74,138	53	7,929	18,382	11,831	15,600	16,115
2	acres...	7,395,570	3,013	492,663	1,929,820	1,197,326	2,337,633	548,372
3	Acres irrigated by sprinklers.....farms reporting...	18,378	38	4,441	4,242	681	1,302	7,117
4	acres...	838,547	2,452	184,512	182,399	53,451	228,127	152,669
5	Sprinklers only.....farms reporting...	14,160	36	3,731	3,021	371	582	6,073
6	acres...	478,278	2,422	140,888	107,027	24,290	75,471	107,353
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959							
7	Ground water sources on farm.....farms reporting...	40,393	37	6,367	9,736	3,667	14,048	5,122
8	acres...	3,644,279	2,522	402,560	745,529	395,688	1,629,446	330,210
9	Ground water sources on farm only.farms reporting...	26,023	35	5,902	8,156	1,478	5,548	3,899
10	acres...	2,248,970	2,423	357,845	522,325	190,346	818,097	256,029
11	Surface sources on farm.....farms reporting...	5,552	13	1,204	2,671	315	361	337
12	acres...	836,452	380	49,379	539,475	39,853	62,687	20,217
13	Surface sources on farm only.....farms reporting...	3,541	11	883	1,668	165	142	178
14	acres...	574,507	294	33,627	387,925	20,725	37,905	9,821
15	Irrigation organization sources.....farms reporting...	43,295	5	864	7,980	10,138	9,743	11,942
16	acres...	2,914,839	111	40,724	644,816	761,785	645,500	197,945
17	Irrigation organization sources only.....farms reporting...	29,634	5	645	6,643	7,928	1,377	10,775
18	acres...	1,865,635	111	14,852	453,976	508,708	162,437	140,907
19	Both farm ground water sources and surface sources.....farms reporting...	1,265	2	279	575	51	163	96
20	acres...	308,394	185	32,527	164,213	16,853	43,740	11,454
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	13,675	...	220	1,340	2,209	8,370	1,167
22	acres...	2,398,064	...	53,812	401,381	460,694	1,275,454	130,161

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	California, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	1,075	384	432	173	13	29	73
1949...	1,506	709	561	114	6	NA	116
Service area, 1959:							
Area served, as reported by organizations.....acres...	5,293,986	93,548	1,339,885	3,538,731	35,070	935,273	286,752
Area irrigated, as reported by organizations.....acres...	4,184,482	75,038	1,035,041	2,836,277	26,255	845,029	211,871
Water users served, 1959, total.....water users...	1,152,970	8,327	71,218	139,117	1,299	18,906	933,009
Farm irrigation water users:.....water users...	116,037	2,074	22,005	82,983	473	12,466	8,502
Residential water users.....water users...	1,018,384	6,205	48,942	55,868	746	6,426	906,623
Other water users.....water users...	18,549	48	271	266	80	14	17,884
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	846	379	333	79	7	4	48
Total water conveyed.....acre-feet...	16,817,062	346,974	1,976,977	5,513,974	8,446,865	421,614	532,272
Water delivered.....acre-feet...	15,002,875	295,687	1,615,683	4,457,863	8,224,134	196,093	409,508
To farm and residential users only.....organizations...	793	374	308	69	1	2	41
acre-feet...	4,395,091	265,694	1,254,930	2,589,120	25,799	190,195	259,548
To farm and residential users and other irrigation organizations.....organizations...	37	2	20	8	2	2	5
Water to farm and residential users.....acre-feet...	1,300,836	1,684	196,902	975,080	19,695	5,123	107,475
Water to other irrigation organizations.....acre-feet...	1,472,554	483	143,897	64,989	1,238,205	775	24,980
To other irrigation organizations only.....organizations...	14	2	4	2	4	...	2
acre-feet...	7,834,394	27,826	19,954	828,674	6,940,435	...	17,505
Part of water from other organizations.....organizations...	123	2	60	41	1	8	19
Total water conveyed.....acre-feet...	10,545,371	11,201	1,018,805	8,254,481	75,495	5,344,064	1,185,389
From surface and ground water sources.....acre-feet...	504,793	10,821	[1]-737,453	376,788	[1]-1,150	[1]-2,150,824	855,787
From other irrigation organizations.....acre-feet...	10,040,578	380	1,756,258	7,877,693	76,645	7,494,888	329,602
Water delivered.....acre-feet...	8,368,444	11,098	614,837	6,723,527	50,924	4,222,196	968,058
To farm and residential users only.....organizations...	91	1	46	32	1	5	11
acre-feet...	2,779,735	910	485,886	2,148,216	50,924	162,524	93,799
To farm and residential users and other irrigation organizations.....organizations...	31	1	14	8	...	3	8
Water to farm and residential users.....acre-feet...	3,519,369	10,188	74,240	2,637,660	...	2,268,887	797,281
Water to other irrigation organizations.....acre-feet...	2,059,636	...	54,711	1,927,947	...	1,790,785	76,978
To other irrigation organizations only.....organizations...	1	...	...	1	...	...	...
acre-feet...	9,704	...	...	9,704	...	...	...
All of water from other organizations.....organizations...	97	3	37	51	...	15	6
Total water conveyed.....acre-feet...	1,506,218	1,054	134,214	1,340,318	...	873,596	30,632
Water delivered.....acre-feet...	1,353,965	1,054	122,597	1,208,479	...	768,982	21,835
To farm and residential users only.....organizations...	80	3	32	42	...	13	3
acre-feet...	1,163,366	1,054	106,044	1,041,415	...	757,558	14,853
To farm and residential users and other irrigation organizations.....organizations...	9	...	4	4	...	1	1
Water to farm and residential users.....acre-feet...	20,091	...	11,431	7,443	...	6,104	1,217
Water to other irrigation organizations.....acre-feet...	11,893	...	967	8,628	...	1,343	2,298
To other irrigation organizations only.....organizations...	8	...	1	5	...	1	2
acre-feet...	158,615	...	4,155	150,993	...	3,977	3,467
No water conveyed.....organizations...	9	...	2	2	5	2	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	833	348	317	111	4	13	53
acres served...	3,693,391	82,992	767,714	2,602,899	48,380	832,994	191,406
acres irrigated...	3,064,803	65,015	607,105	2,236,174	38,900	751,937	117,609
water delivered to farms (acre-feet)...	10,046,439	247,957	1,483,199	7,812,016	139,190	3,294,973	364,077
acre-feet per acre...	3.3	3.8	2.4	3.5	3.6	4.0	3.1
Organizations reporting water from other sources used on land served by the organization.....organizations...	208	33	107	52	...	12	16
acres served...	1,714,108	11,156	623,635	983,971	....	201,882	95,346
acres irrigated...	1,225,914	10,623	472,787	648,242	...	186,082	94,262
water delivered to farms (acre-feet)...	2,733,437	25,848	821,753	1,604,563	...	439,199	281,273
acre-feet per acre...	2.2	2.4	1.7	2.5	...	2.2	3.0
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	487	137	192	118	12	27	28
By U. S. B. R.....dollars...	354,593,099	...	132,700	145,697,702	208,762,697	145,830,402	...
By water users organizations.....dollars...	141,377,823	496,430	13,228,681	117,784,059	...	16,299,179	9,868,653

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	California, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	1,066	384	430	171	8	27	73
acre-feet...	17,321,855	357,795	1,239,524	5,890,762	8,445,715	[1]-1,729,210	1,388,059
From another drainage basin.....organizations...	2	...	...	2	...	2	...
acre-feet...	387,033	...	...	387,033	...	387,033	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	968	381	393	119	8	10	67
acre-feet...	16,934,822	357,795	1,239,524	5,503,729	8,445,715	[1]-2,116,243	1,388,059
Surface water.....organizations...	364	90	127	95	8	8	44
acre-feet...	15,276,039	285,957	631,791	4,771,552	8,445,715	[1]-2,147,864	1,141,024
Ground water.....organizations...	688	295	306	50	...	4	37
acre-feet...	1,658,783	71,838	607,733	732,177	...	31,621	247,035
From other organizations in the basin.....organizations receiving...	219	4	97	92	1	23	25
acre-feet...	11,546,796	1,434	1,890,472	9,218,011	76,645	8,368,484	360,234
Total leaving conveyance systems.....organizations...	1,066	384	430	171	8	27	73
acre-feet...	17,321,855	330,920	2,906,312	12,117,838	343,720	4,842,394	1,623,065
Conveyance loss in basin.....organizations...	436	94	183	111	4	19	44
acre-feet...	3,412,068	36,477	406,360	2,530,288	172,158	1,147,994	266,785
Conveyed to another drainage basin.....organizations...	2	1	1	...	...	1	...
acre-feet...	302,779	3,300	299,479	...	...	299,479	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	1,046	383	424	164	5	25	70
acre-feet...	13,607,008	291,143	2,200,473	9,587,550	171,562	3,394,921	1,356,280
To farm irrigation water users.....organizations...	1,039	381	423	162	4	24	69
acre-feet...	12,350,452	270,805	2,090,181	9,249,377	94,739	3,352,199	645,350
To domestic water users.....organizations...	237	68	85	48	3	8	33
acre-feet...	828,036	8,725	39,252	149,557	1,679	38,192	628,823
For other use.....organizations...	83	12	31	21	3	5	16
acre-feet...	428,520	11,613	71,040	188,616	75,144	4,530	82,107
Delivered to other irrigation organizations.....organizations delivering...	96	4	42	26	6	5	18
acre-feet...	11,546,796	28,309	223,684	2,990,935	8,178,640	1,796,880	125,228
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	39	4	11	11	9	3	4
1 to 3 water users.....organizations...	227	178	35	11	...	1	3
4 to 9 water users.....organizations...	277	148	98	15	1	...	15
10 to 29 water users.....organizations...	241	51	143	32	...	1	15
30 to 99 water users.....organizations...	147	3	93	32	1	4	18
100 to 299 water users.....organizations...	80	...	37	28	2	8	13
300 to 999 water users.....organizations...	49	...	14	32	...	11	3
1,000 or more water users.....organizations...	15	...	1	12	...	1	2
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	35	3	8	11	9	4	4
1 to 299 acre-feet.....organizations...	394	240	119	15	...	1	20
300 to 999 acre-feet.....organizations...	247	95	135	7	...	1	10
1,000 to 2,999 acre-feet.....organizations...	137	25	73	21	...	1	18
3,000 to 9,999 acre-feet.....organizations...	114	18	50	32	1	3	13
10,000 to 29,999 acre-feet.....organizations...	78	3	33	39	1	7	2
30,000 to 99,999 acre-feet.....organizations...	46	...	10	29	2	5	5
100,000 or more acre-feet.....organizations...	24	...	4	19	...	7	1
Size of organization (acre-feet of water conveyed):							
None.....organizations...	9	...	2	2	5	2	...
1 to 299 acre-feet.....organizations...	359	236	104	7	...	1	12
300 to 999 acre-feet.....organizations...	230	90	124	8	...	...	8
1,000 to 2,999 acre-feet.....organizations...	139	28	85	14	...	2	12
3,000 to 9,999 acre-feet.....organizations...	148	24	63	40	2	4	19
10,000 to 29,999 acre-feet.....organizations...	93	6	33	40	...	7	14
30,000 to 99,999 acre-feet.....organizations...	52	...	14	32	3	4	3
100,000 or more acre-feet.....organizations...	45	...	7	30	3	9	5

NA Not available.

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Klamath River to Santa Maria River excluding Central Valley (II-B)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	39	15	11	2	1	...	10
1949...	54	26	9	5	1	NA	13
Service area, 1959:							
Area served, as reported by organizations.....acres...	34,349	1,499	10,229	(D)	(D)	...	4,986
Area irrigated, as reported by organizations.....acres...	30,646	1,263	9,595	(D)	(D)	...	4,712
Water users served, 1959, total.....water users...	110,163	198	3,960	(D)	(D)	...	104,518
Farm irrigation water users.....water users...	1,332	75	404	(D)	(D)	...	171
Residential water users.....water users...	97,373	123	3,548	...	730	...	92,972
Other water users.....water users...	11,458	...	8	...	75	...	11,375
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	32	14	7	1	1	...	9
Total water conveyed.....acre-feet...	208,070	9,845	44,785	(D)	(D)	...	73,671
Water delivered.....acre-feet...	124,493	4,040	44,090	(D)	(D)	...	58,400
To farm and residential users only.....organizations...	25	13	4	1	...	...	7
acre-feet...	95,815	4,040	28,535	(D)	...	...	52,140
To farm and residential users and other irrigation organizations.....organizations...	2	...	...	...	1	...	1
Water to farm and residential users.....acre-feet...	8,458	...	...	...	(D)	...	1,833
Water to other irrigation organizations.....acre-feet...	265	...	...	...	(D)	...	27
To other irrigation organizations only.....organizations...	4	...	3	...	...	...	1
acre-feet...	19,955	...	15,555	...	...	...	4,400
Part of water from other organizations.....organizations...	5	...	3	1	...	...	1
Total water conveyed.....acre-feet...	35,268	...	20,286	(D)	...	...	187
From surface and ground water sources.....acre-feet...	15,099	...	4,544	(D)	...	...	160
From other irrigation organizations.....acre-feet...	20,169	...	15,742	(D)	...	...	27
Water delivered.....acre-feet...	29,164	...	18,281	(D)	...	...	187
To farm and residential users only.....organizations...	5	...	3	1	...	...	1
acre-feet...	29,164	...	18,281	(D)	...	...	187
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	2	1	1	...	...	...	...
Total water conveyed.....acre-feet...	51	8	43	...	...	...	...
Water delivered.....acre-feet...	51	8	43	...	...	...	...
To farm and residential users only.....organizations...	2	1	1	...	...	...	...
acre-feet...	51	8	43	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	28	11	6	2	1	...	8
acres served...	31,611	995	4,029	(D)	(D)	...	8,952
acres irrigated...	27,947	798	3,395	(D)	(D)	...	8,678
water delivered to farms (acre-feet)...	66,991	3,184	15,171	(D)	(D)	...	21,144
acre-feet per acre...	2.4	4.0	4.5	(D)	(D)	...	2.4
Organizations reporting water from other sources used on land served by the organization.....organizations...	6	3	2	...	...	...	1
acres served...	7,038	504	6,200	...	...	...	334
acres irrigated...	6,999	465	6,200	...	...	...	334
water delivered to farms (acre-feet)...	30,858	842	29,648	...	...	...	368
acre-feet per acre...	4.4	1.8	4.8	...	...	...	1.1
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	14	5	4	2	1	...	2
By U. S. B. R.....dollars...	2,232,026	...	...	(D)	(D)	...	...
By water users organizations.....dollars...	9,361,427	13,648	347,077	(D)	...	...	23,504

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Klamath River to Santa Maria River excluding Central Valley (II-B)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	39	15	11	2	1	...	10
acre-feet...	223,169	9,845	49,329	(D)	(D)	...	73,831
From another drainage basin.....organizations...	1	...	...	...	1	...	...
acre-feet...	68,669	...	...	(D)	(D)	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	36	14	10	2	...	...	10
acre-feet...	154,500	9,845	49,329	(D)	...	...	73,831
Surface water.....organizations...	16	4	3	2	...	...	7
acre-feet...	70,379	5,709	19,158	(D)	...	...	24,017
Ground water.....organizations...	24	10	7	...	...	...	7
acre-feet...	84,121	4,136	30,171	...	...	...	49,814
From other organizations in the basin.....organizations receiving...	7	1	4	1	...	...	1
acre-feet...	20,220	8	15,785	(D)	...	...	27
Total leaving conveyance systems.....organizations...	39	15	11	2	1	...	10
acre-feet...	223,169	9,853	49,559	(D)	(D)	...	69,431
Conveyance loss in basin.....organizations...	10	3	1	1	1	...	4
acre-feet...	11,971	255	2,005	(D)	(D)	...	1,122
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	35	15	8	2	1	...	9
acre-feet...	211,198	9,598	47,554	(D)	(D)	...	68,309
To farm irrigation water users.....organizations...	34	14	8	2	1	...	9
acre-feet...	87,414	4,026	44,819	(D)	(D)	...	11,077
To domestic water users.....organizations...	10	2	4	...	1	...	3
acre-feet...	46,074	22	2,040	...	929	...	43,083
For other use.....organizations...	6	1	2	...	1	...	2
acre-feet...	77,710	5,550	695	...	57,316	...	14,149
Delivered to other irrigation organizations.....organizations delivering...	6	...	3	...	1	...	2
acre-feet...	20,220	...	15,555	...	238	...	4,427
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	5	1	3	(D)	(D)	...	1
1 to 3 water users.....organizations...	6	6	...	(D)	(D)	...	...
4 to 9 water users.....organizations...	14	7	2	(D)	(D)	...	5
10 to 29 water users.....organizations...	6	1	3	(D)	(D)	...	2
30 to 99 water users.....organizations...	4	...	1	(D)	(D)	...	2
100 to 299 water users.....organizations...	3	...	2	(D)	(D)	...	...
300 to 999 water users.....organizations...	1	...	...	(D)	(D)	...	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	5	1	3	(D)	(D)	...	1
1 to 299 acre-feet.....organizations...	18	9	5	(D)	(D)	...	4
300 to 999 acre-feet.....organizations...	6	4	...	(D)	(D)	...	2
1,000 to 2,999 acre-feet.....organizations...	3	1	...	(D)	(D)	...	2
3,000 to 9,999 acre-feet.....organizations...	1	...	...	(D)	(D)	...	...
10,000 to 29,999 acre-feet.....organizations...	6	...	3	(D)	(D)	...	1
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	15	9	3	(D)	(D)	...	3
300 to 999 acre-feet.....organizations...	6	4	1	(D)	(D)	...	1
1,000 to 2,999 acre-feet.....organizations...	5	1	2	(D)	(D)	...	2
3,000 to 9,999 acre-feet.....organizations...	4	1	1	(D)	(D)	...	2
10,000 to 29,999 acre-feet.....organizations...	7	...	4	(D)	(D)	...	1
30,000 to 99,999 acre-feet.....organizations...	2	...	...	(D)	(D)	...	2
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Sacramento-San Joaquin Delta area and Sacramento River (II-C and II-D)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	137	31	32	56	7	4	11
1949...	139	50	26	44	3	NA	16
Service area, 1959:							
Area served, as reported by organizations.....acres...	1,041,890	32,786	207,790	681,445	...	27,339	119,869
Area irrigated, as reported by organizations.....acres...	787,095	25,796	164,166	537,365	...	24,641	59,768
Water users served, 1959, total.....water users...	44,020	205	4,230	28,284	...	1,039	11,301
Farm irrigation water users.....water users...	16,452	177	2,194	10,985	...	1,032	3,096
Residential water users.....water users...	27,362	12	2,030	17,269	...	1	8,051
Other water users.....water users...	206	16	6	30	...	6	154
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	110	31	29	38	3	1	9
Total water conveyed.....acre-feet...	4,637,579	127,861	753,930	2,134,422	1,429,780	114,809	191,586
Water delivered.....acre-feet...	2,719,493	110,572	611,967	1,813,381	45,364	66,241	138,209
To farm and residential users only.....organizations...	100	31	28	34	...	1	7
acre-feet...	1,798,767	110,572	547,386	1,021,830	...	66,241	118,979
To farm and residential users and other irrigation organizations.....organizations...	7	...	1	3	2	...	1
Water to farm and residential users.....acre-feet...	269,516	...	60,595	204,965	...	...	3,956
Water to other irrigation organizations.....acre-feet...	79,605	...	3,986	34,586	38,864	...	2,169
To other irrigation organizations only.....organizations...	3	...	...	1	1	...	1
acre-feet...	571,605	...	...	552,000	6,500	...	13,105
Part of water from other organizations.....organizations...	17	...	2	13	...	1	2
Total water conveyed.....acre-feet...	1,986,886	...	21,338	1,623,291	...	25,636	342,257
From surface and ground water sources.....acre-feet...	1,210,748	...	11,500	974,651	...	12,531	224,597
From other irrigation organizations.....acre-feet...	776,138	...	9,838	648,640	...	13,105	117,660
Water delivered.....acre-feet...	1,502,236	...	19,898	1,260,619	...	18,714	221,719
To farm and residential users only.....organizations...	12	...	2	10	...	1	...
acre-feet...	1,034,862	...	19,898	1,014,964	...	18,714	...
To farm and residential users and other irrigation organizations.....organizations...	5	...	...	3	...	...	2
Water to farm and residential users.....acre-feet...	291,574	...	...	127,995	...	...	163,579
Water to other irrigation organizations.....acre-feet...	175,800	...	...	117,660	...	...	58,140
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	6	...	1	5	...	2	...
Total water conveyed.....acre-feet...	54,849	...	8,640	46,209	...	15,516	...
Water delivered.....acre-feet...	43,225	...	8,640	34,585	...	12,979	...
To farm and residential users only.....organizations...	5	...	1	4	...	1	...
acre-feet...	39,248	...	8,640	30,608	...	9,002	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	1	...	...	1	...	1	...
acre-feet...	3,977	...	...	3,977	...	3,977	...
No water conveyed.....organizations...	4	...	...	...	4	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	114	30	29	44	2	2	9
acres served...	1,000,734	32,186	197,434	657,484	12,801	24,630	100,829
acres irrigated...	738,607	25,396	154,995	507,980	8,758	22,196	41,478
water delivered to farms (acre-feet)...	3,081,577	107,776	595,596	2,189,025	18,766	84,955	170,414
acre-feet per acre...	4.2	4.2	3.8	4.3	2.1	3.4	4.1
Organizations reporting water from other sources used on land served by the organization.....organizations...	15	1	3	10	...	1	1
acres served...	116,422	600	10,356	86,426	...	5,418	19,040
acres irrigated...	112,274	400	9,171	84,413	...	4,889	18,290
water delivered to farms (acre-feet)...	465,809	1,200	33,333	322,294	...	18,000	108,982
acre-feet per acre...	4.1	3.0	3.6	3.8	...	3.3	6.0
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	78	11	16	40	7	4	4
By U. S. B. R.....dollars...	64,726,081	...	132,700	16,381,450	48,211,931	16,381,450	...
By water users organizations.....dollars...	14,156,918	39,920	638,524	8,940,163	...	635,403	4,538,311

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Sacramento-San Joaquin Delta area and Sacramento River (II-C and II-D)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	133	31	32	56	3	4	11
acre-feet...	5,848,327	127,861	765,430	3,109,073	1,429,780	127,340	416,183
From another drainage basin.....organizations...	3	...	1	2	...	...	...
acre-feet...	353,200	...	8,000	345,200	...	...	...
From drainage basin...,.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	126	31	31	50	3	2	11
acre-feet...	5,495,127	127,861	757,430	2,763,873	1,429,780	127,340	416,183
Surface water.....organizations...	119	31	29	45	3	2	11
acre-feet...	5,414,750	127,861	751,980	2,690,953	1,429,780	127,340	414,176
Ground water.....organizations...	14	...	4	9	...	...	1
acre-feet...	80,377	...	5,450	72,920	...	...	2,007
From other organizations in the basin .....organizations receiving...	23	...	3	18	...	3	2
acre-feet...	830,987	...	18,478	694,849	...	28,621	117,660
Total leaving conveyance systems.....organizations...	133	31	32	56	3	4	11
acre-feet...	5,848,327	127,861	779,922	3,095,699	1,384,416	151,984	460,429
Conveyance loss in basin.....organizations...	97	25	24	39	1	3	8
acre-feet...	953,886	14,366	142,403	656,267	9,966	56,529	130,884
Conveyed to another drainage basin.....organizations...	4	...	...	2	2	...	...
acre-feet...	1,404,850	...	...	30,400	1,374,450	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	126	31	32	53	...	3	10
acre-feet...	3,489,591	113,495	637,519	2,409,032	...	95,455	329,545
To farm irrigation water users.....organizations...	125	31	32	52	...	3	10
acre-feet...	3,331,250	108,976	628,929	2,313,949	...	93,955	279,396
To domestic water users.....organizations...	21	3	2	12	...	1	4
acre-feet...	102,717	1,596	7,590	86,413	...	2	7,118
For other use.....organizations...	15	2	1	7	...	2	5
acre-feet...	55,624	2,923	1,000	8,670	...	1,498	43,031
Delivered to other irrigation organizations..... organizations delivering...	13	...	1	6	2	1	4
acre-feet...	830,987	...	3,986	708,223	45,364	3,977	73,414
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	9	...	...	3	5	1	1
1 to 3 water users.....organizations...	17	12	2	3	...	...	...
4 to 9 water users.....organizations...	28	13	5	7	1	...	2
10 to 29 water users.....organizations...	28	6	11	9	...	...	2
30 to 99 water users.....organizations...	19	...	8	10	...	1	1
100 to 299 water users.....organizations...	20	...	4	11	1	...	4
300 to 999 water users.....organizations...	12	...	2	10	...	2	...
1,000 or more water users.....organizations...	4	...	...	3	...	...	1
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	9	...	...	3	5	1	1
1 to 299 acre-feet.....organizations...	3	2	1	...	...	...	...
300 to 999 acre-feet.....organizations...	11	7	2	2	...	...	...
1,000 to 2,999 acre-feet.....organizations...	24	11	7	5	...	...	1
3,000 to 9,999 acre-feet.....organizations...	33	9	9	9	1	...	5
10,000 to 29,999 acre-feet.....organizations...	27	2	8	15	1	2	1
30,000 to 99,999 acre-feet.....organizations...	22	...	4	16	...	1	2
100,000 or more acre-feet.....organizations...	8	...	1	6	...	...	1
Size of organization (acre-feet of water conveyed):							
None.....organizations...	4	...	...	...	4	...	...
1 to 299 acre-feet.....organizations...	3	2	1	...	...	...	...
300 to 999 acre-feet.....organizations...	8	5	2	1	...	...	...
1,000 to 2,999 acre-feet.....organizations...	18	11	4	2	...	...	1
3,000 to 9,999 acre-feet.....organizations...	37	10	12	11	1	1	3
10,000 to 29,999 acre-feet.....organizations...	30	3	7	16	...	2	4
30,000 to 99,999 acre-feet.....organizations...	20	...	4	15	1	...	...
100,000 or more acre-feet.....organizations...	17	...	2	11	1	1	3

NA Not available.

State Table 4.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950--Con.

Item (For definitions and explanations, see text)	San Joaquin River (II-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	60	8	10	36	2	3	4
1949...	55	20	11	17	2	NA	5
Service area, 1959:							
Area served, as reported by organizations.....acres...	1,080,380	7,000	122,056	(D)	(D)	122,709	9,558
Area irrigated, as reported by organizations.....acres...	910,623	1,190	99,559	(D)	(D)	71,444	9,248
Water users served, 1959, total.....water users...	32,278	20	901	(D)	(D)	797	3,298
Farm irrigation water users.....water users...	29,150	20	526	(D)	(D)	795	611
Residential water users.....water users...	3,123	...	375	(D)	(D)	1	2,687
Other water users.....water users...	5	...	...	(D)	(D)	1	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	28	8	4	10	2	...	4
Total water conveyed.....acre-feet...	4,511,818	10,235	46,030	(D)	(D)	...	79,007
Water delivered.....acre-feet...	2,841,138	7,926	44,728	(D)	(D)	...	58,604
To farm and residential users only.....organizations...	23	8	4	8	...	...	3
acre-feet...	896,418	7,926	44,728	(D)	...	...	55,144
To farm and residential users and other irrigation organizations.....organizations...	4	...	...	2	1	...	1
Water to farm and residential users.....acre-feet...	597,883	...	...	(D)	(D)	...	343
Water to other irrigation organizations.....acre-feet...	1,148,815	...	...	1,250	(D)	...	3,117
To other irrigation organizations only.....organizations...	1	...	...	...	1	...	...
acre-feet...	198,022	...	...	...	(D)	...	...
Part of water from other organizations.....organizations...	11	...	4	7	...	1	...
Total water conveyed.....acre-feet...	1,350,510	...	364,867	(D)	...	107,502	...
From surface and ground water sources.....acre-feet...	312,786	...	58,398	(D)	...	[1]-1,320	...
From other irrigation organizations.....acre-feet...	1,037,724	...	306,469	(D)	...	108,822	...
Water delivered.....acre-feet...	1,063,579	...	297,424	(D)	...	80,180	...
To farm and residential users only.....organizations...	10	...	4	6	...	1	...
acre-feet...	979,969	...	297,424	(D)	...	80,180	...
To farm and residential users and other irrigation organizations.....organizations...	1	...	...	1	...	...	...
Water to farm and residential users.....acre-feet...	76,590	...	...	(D)	...	...	...
Water to other irrigation organizations.....acre-feet...	7,020	...	...	(D)	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	21	...	2	19	...	1	...
Total water conveyed.....acre-feet...	324,437	...	9,449	(D)	...	98,209	...
Water delivered.....acre-feet...	271,098	...	9,335	(D)	...	53,452	...
To farm and residential users only.....organizations...	21	...	2	19	...	1	...
acre-feet...	271,098	...	9,335	(D)	...	53,452	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	36	4	7	22	1	2	2
acres served...	1,162,036	6,768	61,192	(D)	(D)	120,000	2,036
acres irrigated...	989,673	958	44,592	(D)	(D)	69,000	2,036
water delivered to farms (acre-feet)...	2,852,236	7,582	171,137	(D)	(D)	124,630	8,574
acre-feet per acre...	2.9	7.9	3.8	(D)	(D)	1.0	4.2
Organizations reporting water from other sources used on land served by the organization.....organizations...	23	4	3	14	...	1	2
acres served...	146,494	232	60,864	(D)	...	5,418	8,197
acres irrigated...	133,175	232	54,967	(D)	...	4,889	7,887
water delivered to farms (acre-feet)...	468,635	344	179,700	(D)	...	18,000	48,182
acre-feet per acre...	3.5	1.5	3.3	(D)	...	3.3	6.1
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	33	...	7	22	2	3	2
By U. S. B. R.....dollars...	34,029,224	...	...	(D)	(D)	9,112,750	...
By water users organizations.....dollars...	61,291,525	...	601,655	(D)	...	652,702	695,910

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	San Joaquin River (II-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	60	8	10	36	2	3	4
acre-feet...	4,832,908	10,235	104,428	(D)	(D)	[1]-1,320	79,007
From another drainage basin.....organizations...	4	...	...	3	1	...	...
acre-feet...	1,478,261	...	...	(D)	(D)	...	...
From drainage basin...,.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	36	8	8	15	1	1	4
acre-feet...	3,354,647	10,235	104,428	(D)	(D)	[1]-1,320	79,007
Surface water.....organizations...	25	3	5	12	1	1	4
acre-feet...	2,847,151	9,655	46,531	(D)	(D)	[1]-1,320	79,007
Ground water.....organizations...	22	5	6	11	...	...	...
acre-feet...	507,496	580	57,897	(D)	...	...	...
From other organizations in the basin .....organizations receiving...	30	...	6	24	...	3	...
acre-feet...	1,353,857	...	315,918	(D)	...	207,031	...
Total leaving conveyance systems.....organizations...	60	8	10	36	2	3	4
acre-feet...	4,832,908	10,235	420,346	(D)	(D)	205,711	75,890
Conveyance loss in basin.....organizations...	35	5	6	19	2	2	3
acre-feet...	745,739	2,309	68,859	(D)	(D)	72,072	20,403
Conveyed to another drainage basin.....organizations...	4	...	...	2	2	...	...
acre-feet...	1,206,751	...	...	(D)	(D)	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	59	8	10	36	1	3	4
acre-feet...	2,880,418	7,926	351,487	(D)	(D)	133,639	55,487
To farm irrigation water users.....organizations...	58	8	10	36	1	3	3
acre-feet...	2,819,536	7,926	350,837	(D)	(D)	133,630	53,717
To domestic water users.....organizations...	4	...	1	1	...	1	2
acre-feet...	2,422	...	650	(D)	...	2	1,770
For other use.....organizations...	4	...	...	4	...	1	...
acre-feet...	58,460	...	...	(D)	...	7	...
Delivered to other irrigation organizations..... organizations delivering...	5	...	...	2	2	...	1
acre-feet...	1,353,857	...	...	(D)	(D)	...	3,117
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	1	...	...	(D)	(D)	...	...
1 to 3 water users.....organizations...	12	7	2	(D)	(D)	...	...
4 to 9 water users.....organizations...	10	1	1	(D)	(D)	...	...
10 to 29 water users.....organizations...	12	...	2	(D)	(D)	...	1
30 to 99 water users.....organizations...	7	...	4	(D)	(D)	1	...
100 to 299 water users.....organizations...	6	...	1	(D)	(D)	1	2
300 to 999 water users.....organizations...	5	...	...	(D)	(D)	1	1
1,000 or more water users.....organizations...	7	...	...	(D)	(D)	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	1	...	...	(D)	(D)	...	...
1 to 299 acre-feet.....organizations...	6	6	...	...	(D)	...	...
300 to 999 acre-feet.....organizations...	2	...	1	(D)	(D)	...	...
1,000 to 2,999 acre-feet.....organizations...	5	1	1	(D)	(D)	...	...
3,000 to 9,999 acre-feet.....organizations...	17	1	3	(D)	(D)	...	3
10,000 to 29,999 acre-feet.....organizations...	11	...	2	(D)	(D)	1	...
30,000 to 99,999 acre-feet.....organizations...	10	...	2	(D)	(D)	2	1
100,000 or more acre-feet.....organizations...	8	...	1	(D)	(D)	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	6	6	...	(D)	(D)	...	...
300 to 999 acre-feet.....organizations...	2	...	1	(D)	(D)	...	...
1,000 to 2,999 acre-feet.....organizations...	5	1	1	(D)	(D)	...	...
3,000 to 9,999 acre-feet.....organizations...	15	1	3	(D)	(D)	...	1
10,000 to 29,999 acre-feet.....organizations...	11	...	2	(D)	(D)	1	2
30,000 to 99,999 acre-feet.....organizations...	10	...	2	(D)	(D)	1	1
100,000 or more acre-feet.....organizations...	11	...	1	(D)	(D)	1	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.
[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	San Joaquin Valley above San Joaquin River (II-F)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	166	53	73	31	2	11	7
1949...	245	117	94	20	1	NA	13
Service area, 1959:							
Area served, as reported by organizations.....acres...	1,621,070	12,731	653,593	884,569	3,913	199,994	66,264
Area irrigated, as reported by organizations.....acres...	1,392,624	12,351	536,167	775,557	2,285	184,723	66,264
Water users served, 1959, total.....water users...	34,291	362	3,090	30,395	10	4,378	434
Farm irrigation water users.....water users...	32,441	294	2,926	28,782	5	3,065	434
Residential water users.....water users...	1,844	67	164	1,613	...	1,313	...
Other water users.....water users...	6	1	...	...	5	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	128	51	59	10	2	...	6
Total water conveyed.....acre-feet...	2,487,560	85,250	728,334	627,937	885,368	...	160,671
Water delivered.....acre-feet...	1,971,876	75,334	579,956	361,121	826,558	...	128,907
To farm and residential users only.....organizations...	115	50	52	9	...	...	4
acre-feet...	574,432	50,071	351,246	162,601	...	...	10,514
To farm and residential users and other irrigation organizations.....organizations...	11	...	7	1	1	...	2
Water to farm and residential users.....acre-feet...	384,182	...	109,116	171,720	4,160	...	99,186
Water to other irrigation organizations.....acre-feet...	220,256	...	119,594	26,800	54,655	...	19,207
To other irrigation organizations only.....organizations...	2	1	...	...	1	...	...
acre-feet...	793,006	25,263	...	...	767,743	...	...
Part of water from other organizations.....organizations...	18	1	6	11	...	3	...
Total water conveyed.....acre-feet...	762,813	910	28,007	733,896	...	64,619	...
From surface and ground water sources.....acre-feet...	272,885	530	18,549	253,806	...	2,324	...
From other irrigation organizations.....acre-feet...	489,928	380	9,458	480,090	...	62,295	...
Water delivered.....acre-feet...	576,332	910	25,276	550,146	...	63,630	...
To farm and residential users only.....organizations...	17	1	6	10	...	3	...
acre-feet...	455,166	910	25,276	428,980	...	63,630	...
To farm and residential users and other irrigation organizations.....organizations...	1	...	...	1	...	...	...
Water to farm and residential users.....acre-feet...	120,256	...	...	120,256	...	...	...
Water to other irrigation organizations.....acre-feet...	910	...	...	910	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	19	1	7	10	...	8	1
Total water conveyed.....acre-feet...	524,244	910	71,645	433,484	...	388,227	18,205
Water delivered.....acre-feet...	484,452	910	60,960	413,005	...	372,800	9,577
To farm and residential users only.....organizations...	19	1	7	10	...	8	1
acre-feet...	484,452	910	60,960	413,005	...	372,800	9,577
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	1	...	1	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	93	47	32	13	1	1	...
acres served...	659,613	10,511	197,766	444,854	6,482	4,000	...
acres irrigated...	622,644	10,381	197,222	410,983	4,058	4,000	...
water delivered to farms (acre-feet)...	784,247	48,499	98,988	623,690	13,070	13,978	...
acre-feet per acre...	1.3	4.7	0.5	1.5	3.2	3.5	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	70	5	40	18	...	10	7
acres served...	1,034,026	2,220	455,827	509,715	...	195,994	66,264
acres irrigated...	841,753	1,970	338,945	434,574	...	180,723	66,264
water delivered to farms (acre-feet)...	1,354,100	2,719	447,610	784,494	...	420,886	119,277
acre-feet per acre...	1.6	1.4	1.3	1.8	...	2.1	1.8
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	94	21	43	22	2	9	6
By U. S. B. R.....dollars...	93,566,915	...	...	41,197,200	52,369,715	41,197,200	...
By water users organizations.....dollars...	9,588,495	82,082	2,411,180	6,735,744	...	1,366,201	359,489

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	San Joaquin Valley above San Joaquin River (II-F)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	165	53	72	31	2	11	7
acre-feet...	2,760,445	85,780	746,883	881,743	885,368	2,324	160,671
From another drainage basin.....organizations...	2	...	...	...	2	...	...
acre-feet...	861,551	...	...	...	861,551	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	145	52	65	21	1	2	6
acre-feet...	1,898,894	85,780	746,883	881,743	23,817	2,324	160,671
Surface water.....organizations...	96	28	46	15	1	1	6
acre-feet...	1,659,667	78,491	663,107	733,581	23,817	[1]-1,101	160,671
Ground water.....organizations...	60	26	24	10	...	2	...
acre-feet...	239,227	7,289	83,776	148,162	...	3,425	...
From other organizations in the basin.....organizations receiving...	37	2	13	21	...	11	1
acre-feet...	1,014,172	1,290	81,103	913,574	...	450,522	18,205
Total leaving conveyance systems.....organizations...	165	53	72	31	2	11	7
acre-feet...	2,760,445	61,807	708,392	1,767,607	62,970	452,846	159,669
Conveyance loss in basin.....organizations...	106	30	47	21	2	7	6
acre-feet...	492,153	9,916	150,576	250,287	40,982	16,038	40,392
Conveyed to another drainage basin.....organizations...	1	...	...	1	...	...	...
acre-feet...	142,080	...	...	142,080	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	164	52	72	31	2	11	7
acre-feet...	2,126,212	51,891	557,816	1,375,240	21,988	436,808	119,277
To farm irrigation water users.....organizations...	163	52	72	31	1	11	7
acre-feet...	2,014,957	51,218	546,598	1,293,704	4,160	434,864	119,277
To domestic water users.....organizations...	13	8	...	5	...	2	...
acre-feet...	3,531	673	...	2,858	...	1,566	...
For other use.....organizations...	5	...	1	2	2	1	...
acre-feet...	107,724	...	11,218	78,678	17,828	378	...
Delivered to other irrigation organizations.....organizations delivering...	14	1	7	2	2	...	2
acre-feet...	1,014,172	25,263	119,594	27,710	822,398	...	19,207
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	4	1	2	...	1	...	...
1 to 3 water users.....organizations...	27	23	3	1	...	...	...
4 to 9 water users.....organizations...	39	20	17	...	...	...	2
10 to 29 water users.....organizations...	40	9	25	4	...	1	2
30 to 99 water users.....organizations...	30	...	20	7	...	2	3
100 to 299 water users.....organizations...	13	...	4	8	...	5	1
300 to 999 water users.....organizations...	10	...	2	8	...	3	...
1,000 or more water users.....organizations...	3	...	...	3	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	3	1	1	...	1	...	...
1 to 299 acre-feet.....organizations...	30	25	5	...	...	...	...
300 to 999 acre-feet.....organizations...	36	15	20	1	...	...	...
1,000 to 2,999 acre-feet.....organizations...	30	8	18	1	...	...	3
3,000 to 9,999 acre-feet.....organizations...	28	4	15	6	...	2	3
10,000 to 29,999 acre-feet.....organizations...	21	...	10	10	1	5	...
30,000 to 99,999 acre-feet.....organizations...	12	...	2	9	...	2	1
100,000 or more acre-feet.....organizations...	5	...	1	4	...	2	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	1	...	1	...	...	...	...
1 to 299 acre-feet.....organizations...	29	24	5	...	...	...	...
300 to 999 acre-feet.....organizations...	30	13	16	1	...	...	...
1,000 to 2,999 acre-feet.....organizations...	29	9	19	1	...	...	...
3,000 to 9,999 acre-feet.....organizations...	34	6	18	5	...	2	5
10,000 to 29,999 acre-feet.....organizations...	17	1	7	8	...	4	1
30,000 to 99,999 acre-feet.....organizations...	13	...	4	9	...	3	...
100,000 or more acre-feet.....organizations...	13	...	3	7	2	2	1

NA Not available.

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Santa Maria River and Basins south (II-G)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	629	259	293	40	1	6	36
1949...	951	467	402	23	...	NA	59
Service area, 1959:							
Area served, as reported by organizations.....acres...	720,001	19,521	312,323	334,920	...	4,453	53,237
Area irrigated, as reported by organizations.....acres...	304,678	17,142	194,911	52,374	...	4,453	40,251
Water users served, 1959, total.....water users...	912,386	7,421	57,944	38,138	...	4,109	808,883
Farm irrigation water users.....water users...	27,608	1,417	15,634	7,022	...	463	3,535
Residential water users.....water users...	877,912	5,979	42,054	30,885	...	3,639	798,994
Other water users.....water users...	6,866	25	256	231	...	7	6,354
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	510	258	223	12	1	1	16
Total water conveyed.....acre-feet...	738,930	63,392	305,860	338,585	8,516	2,375	22,577
Water delivered.....acre-feet...	636,177	61,394	247,153	298,240	8,516	1,384	20,874
To farm and residential users only.....organizations...	488	255	209	9	...	...	15
acre-feet...	284,129	56,664	195,246	13,962	...	...	18,257
To farm and residential users and other irrigation organizations.....organizations...	17	2	12	2	...	1	1
Water to farm and residential users.....acre-feet...	36,283	1,684	27,191	5,251	...	609	2,157
Water to other irrigation organizations.....acre-feet...	23,613	483	20,317	2,353	...	775	460
To other irrigation organizations only.....organizations...	4	1	1	1	1	...	...
acre-feet...	292,152	2,563	4,399	276,674	8,516	...	...
Part of water from other organizations.....organizations...	70	...	44	10	...	1	16
Total water conveyed.....acre-feet...	1,099,947	...	284,828	93,274	...	12,846	721,845
From surface and ground water sources.....acre-feet...	632,719	...	212,573	31,316	...	4,330	388,830
From other irrigation organizations.....acre-feet...	467,228	...	72,255	61,958	...	8,516	333,015
Water delivered.....acre-feet...	989,153	...	253,958	85,943	...	9,704	649,252
To farm and residential users only.....organizations...	47	...	31	6	...	...	10
acre-feet...	229,650	...	125,007	11,031	...	...	93,612
To farm and residential users and other irrigation organizations.....organizations...	22	...	13	3	...	1	6
Water to farm and residential users.....acre-feet...	659,958	...	74,240	43,932	...	...	541,786
Water to other irrigation organizations.....acre-feet...	89,841	...	54,711	21,276	...	9,704	13,854
To other irrigation organizations only.....organizations...	1	...	...	1	...	...	...
acre-feet...	9,704	...	...	9,704	...	...	...
All of water from other organizations.....organizations...	48	1	26	17	...	3	4
Total water conveyed.....acre-feet...	235,713	136	44,437	183,697	...	9,704	7,443
Water delivered.....acre-feet...	230,083	136	43,619	179,054	...	9,679	7,274
To farm and residential users only.....organizations...	32	1	21	9	...	2	1
acre-feet...	43,461	136	27,066	15,967	...	2,232	292
To farm and residential users and other irrigation organizations.....organizations...	9	...	4	4	...	1	1
Water to farm and residential users.....acre-feet...	20,091	...	11,431	7,443	...	6,104	1,217
Water to other irrigation organizations.....acre-feet...	11,893	...	967	8,628	...	2,333	2,298
To other irrigation organizations only.....organizations...	7	...	1	4	...	...	2
acre-feet...	154,638	...	4,155	147,016	...	...	3,467
No water conveyed.....organizations...	1	...	...	1	...	1	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	528	241	234	24	...	3	29
acres served...	410,680	17,902	234,101	75,723	...	3,983	82,954
acres irrigated...	253,040	15,556	143,085	24,407	...	3,983	69,992
water delivered to farms (acre-feet)...	578,530	48,737	321,255	34,213	...	5,526	174,325
acre-feet per acre...	2.3	3.1	2.2	1.4	...	1.4	2.5
Organizations reporting water from other sources used on land served by the organization.....organizations...	87	17	56	9	...	1	5
acres served...	340,549	1,619	78,222	259,197	...	470	1,511
acres irrigated...	82,866	1,586	51,826	27,967	...	470	1,487
water delivered to farms (acre-feet)...	159,622	4,091	110,707	40,360	...	313	4,464
acre-feet per acre...	1.9	2.6	2.1	1.4	...	0.7	3.0
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	245	88	118	26	1	6	12
By U. S. B. R.....dollars...	101,165,959	...	...	67,035,400	34,130,559	67,035,400	...
By water users organizations.....dollars...	30,219,098	245,915	9,077,535	16,727,209	...	28,685	4,168,439

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Santa Maria River and Basins south (II-G)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	628	259	293	39	1	5	36
acre-feet...	1,492,749	63,392	518,433	369,901	8,516	6,705	532,507
From another drainage basin.....organizations...	2	...	...	1	...	...	1
acre-feet...	579,459	...	...	276,708	...	...	302,751
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	578	258	267	21	1	2	31
acre-feet...	913,290	63,392	518,433	93,193	8,516	6,705	229,756
Surface water.....organizations...	68	8	37	11	1	1	11
acre-feet...	223,674	4,612	103,996	71,047	8,516	2,375	35,503
Ground water.....organizations...	553	252	258	15	...	1	28
acre-feet...	689,616	58,780	414,437	22,146	...	4,330	194,253
From other organizations in the basin.....organizations receiving...	118	1	70	27	...	4	20
acre-feet...	581,841	136	116,692	245,655	...	18,220	219,358
Total leaving conveyance systems.....organizations...	628	259	293	39	1	5	36
acre-feet...	1,492,749	60,482	550,576	149,905	...	13,103	731,786
Conveyance loss in basin.....organizations...	157	14	100	22	...	3	21
acre-feet...	91,492	172	32,271	9,511	...	1,511	49,538
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	619	259	291	34	...	5	35
acre-feet...	1,401,257	60,310	518,305	140,394	...	11,592	682,248
To farm irrigation water users.....organizations...	615	258	290	33	...	4	34
acre-feet...	641,356	52,828	431,962	74,573	...	5,839	81,993
To domestic water users.....organizations...	172	51	73	27	...	4	21
acre-feet...	632,216	5,656	28,219	23,013	...	3,106	575,328
For other use.....organizations...	52	8	26	9	...	2	9
acre-feet...	127,685	1,826	58,124	42,808	...	2,647	24,927
Delivered to other irrigation organizations..... organizations delivering...	59	3	31	15	1	3	9
acre-feet...	581,841	3,046	84,549	465,651	8,516	11,822	20,079
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	16	2	4	7	1	2	2
1 to 3 water users.....organizations...	156	123	26	4	...	1	3
4 to 9 water users.....organizations...	176	99	72	1	...	...	4
10 to 29 water users.....organizations...	147	32	100	7	...	...	8
30 to 99 water users.....organizations...	78	3	55	8	...	1	12
100 to 299 water users.....organizations...	37	...	26	7	...	2	4
300 to 999 water users.....organizations...	16	...	9	5	...	...	2
1,000 or more water users.....organizations...	3	...	1	1	...	...	1
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	14	1	3	7	1	2	2
1 to 299 acre-feet.....organizations...	329	195	107	14	...	1	13
300 to 999 acre-feet.....organizations...	180	63	108	3	...	1	6
1,000 to 2,999 acre-feet.....organizations...	68	...	46	11	...	1	11
3,000 to 9,999 acre-feet.....organizations...	26	...	20	4	...	1	2
10,000 to 29,999 acre-feet.....organizations...	11	...	9	1	...	...	1
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	1	...	...	...	...	...	1
Size of organization (acre-feet of water conveyed):							
None.....organizations...	1	...	...	1	...	1	...
1 to 299 acre-feet.....organizations...	300	192	94	7	...	1	7
300 to 999 acre-feet.....organizations...	174	63	101	5	...	...	5
1,000 to 2,999 acre-feet.....organizations...	75	3	57	8	...	2	7
3,000 to 9,999 acre-feet.....organizations...	47	1	28	10	1	1	7
10,000 to 29,999 acre-feet.....organizations...	23	...	10	5	...	1	8
30,000 to 99,999 acre-feet.....organizations...	6	...	3	2	...	...	1
100,000 or more acre-feet.....organizations...	3	...	...	2	...	...	1

NA Not available.

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	California, total				Klamath River to Santa Maria River excluding Central Valley (II-B)			
		Size of organization, by total water conveyed							
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations....organizations...	598	287	145	45	21	9	9	...
	TYPE OF SERVICE								
2	All water directly from surface and ground sources....organizations...	540	202	80	24	16	9	7	...
3	Total water conveyed....acre-feet...	148,487	736,216	2,356,695	13,575,664	4,025	29,020	175,025	...
4	Water delivered....acre-feet...	143,560	623,149	1,857,486	12,378,680	3,870	19,868	100,755	...
5	To farm and residential users only....organizations...	531	183	68	11	15	5	5	...
6	acre-feet...	137,592	556,502	1,612,913	2,088,084	3,317	9,909	82,589	...
7	To farm and residential users and other irrigation organizations....organizations...	7	12	9	9	...	1	1	...
8	Water to farm and residential users....acre-feet...	4,351	25,332	135,876	1,135,277	...	1,833	6,625	...
9	Water to other irrigation organizations....acre-feet...	1,064	11,238	59,026	1,401,226	...	27	238	...
10	To other irrigation organizations only....organizations...	1	6	3	4	1	2	1	...
11	acre-feet...	553	30,077	49,671	7,754,093	553	8,099	11,303	...
12	Part of water from other organizations....organizations...	27	36	43	17	3	...	2	...
13	Total water conveyed....acre-feet...	11,708	152,138	1,476,316	8,905,209	418	...	34,850	...
14	From surface and ground water sources....acre-feet...	7,056	85,375	781,775	[1]-369,413	204	...	14,895	...
15	From other irrigation organizations....acre-feet...	4,652	66,763	694,541	9,274,622	214	...	19,955	...
16	Water delivered....acre-feet...	11,267	136,769	1,257,771	6,962,637	418	...	28,746	...
17	To farm and residential users only....organizations...	24	29	28	10	3	...	2	...
18	acre-feet...	9,911	110,708	860,806	1,798,310	418	...	28,746	...
19	To farm and residential users and other irrigation organizations....organizations...	3	7	14	7	...	...	...	...
20	Water to farm and residential users....acre-feet...	957	19,541	287,316	3,211,555	...	...	...	...
21	Water to other irrigation organizations....acre-feet...	399	6,520	99,945	1,952,772	...	...	...	...
22	To other irrigation organizations only....organizations...	...	...	1	...	...	...	...	...
23	acre-feet...	...	...	9,704	...	...	...	...	...
24	All of water from other organizations....organizations...	22	49	22	4	2	...	...	...
25	Total water conveyed....acre-feet...	8,884	198,174	570,440	728,720	51	...	...	...
26	Water delivered....acre-feet...	8,526	181,989	478,043	685,407	51	...	...	...
27	To farm and residential users only....organizations...	20	37	20	3	2	...	...	...
28	acre-feet...	7,991	135,393	449,935	570,047	51	...	...	...
29	To farm and residential users and other irrigation organizations....organizations...	2	7	...	...	...	...	...	...
30	Water to farm and residential users....acre-feet...	473	19,618	...	...	...	...	...	...
31	Water to other irrigation organizations....acre-feet...	62	11,831	...	...	...	...	...	...
32	To other irrigation organizations only....organizations...	...	5	2	1	...	...	...	...
33	acre-feet...	...	15,147	28,108	115,360	...	...	...	...
34	No water conveyed....organizations...	9	...	...	...	...	...	...	...
	WATER FROM OTHER SOURCES								
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	509	202	95	27	16	6	6	...
36	acres served...	90,696	327,306	1,071,946	2,203,443	1,699	1,927	27,985	...
37	acres irrigated...	52,603	198,491	904,263	1,909,446	1,338	1,683	24,926	...
38	Organizations reporting water from other sources used on land served by the organization....organizations...	78	73	44	13	4	...	2	...
39	acres served...	18,582	331,262	763,945	600,319	838	...	6,200	...
40	acres irrigated...	13,451	167,161	480,348	564,954	799	...	6,200	...
	NEW CAPITAL INVESTMENT, 1950-1959								
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	209	146	97	35	6	1	7	...
42	dollars...	80,001,035	148,656,826	69,713,101	197,599,960	26,025	230,000	11,337,428	...
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
43	Total entering conveyance systems in basin....organizations...	589	287	145	45	21	9	9	...
44	acre-feet...	155,543	821,591	3,138,470	13,206,251	4,229	29,020	189,920	...
45	From another drainage basin....organizations...	...	...	...	2	...	...	1	...
46	acre-feet...	...	...	...	387,033	...	...	68,669	...
47	From Drainage Basin number....D. B. No....	...	...	...	...	...	...	...	...
48	From natural sources within basin....organizations...	567	238	123	40	19	9	8	...
49	acre-feet...	155,543	821,591	3,138,470	12,819,218	4,229	29,020	121,251	...
50	Surface water....organizations...	75	145	104	40	6	5	5	...
51	acre-feet...	27,090	532,283	2,565,525	12,151,141	648	19,710	50,021	...
52	Ground water....organizations...	503	122	50	13	14	6	4	...
53	acre-feet...	128,453	289,308	572,945	668,077	3,581	9,310	71,230	...
54	*From other organizations in the basin....organizations receiving...*	49	85	64	21	5	...	2	...
55	*acre-feet...*	13,536	264,937	1,264,981	10,003,342	265	...	19,955	...
56	Total leaving conveyance systems....organizations...	589	287	145	45	21	9	9	...
57	acre-feet...	167,001	1,011,715	4,156,997	11,986,142	3,941	20,894	198,334	...
58	Conveyance loss in basin....organizations...	113	178	106	39	4	2	4	...
59	acre-feet...	4,049	92,571	630,425	2,685,023	155	1,027	10,789	...
60	Conveyed to another drainage basin....organizations...	...	1	...	1	...	...	...	...
61	acre-feet...	...	3,300	...	299,479	...	...	...	...
62	To drainage basin number....D. B. No....	...	...	...	...	...	...	...	...
63	Delivered for use in the basin....organizations...	588	278	140	40	20	7	8	...
64	acre-feet...	162,952	915,844	3,526,572	9,001,640	3,786	19,867	187,545	...
65	To farm irrigation water users....organizations...	587	275	138	39	20	6	8	...
66	acre-feet...	151,918	770,400	3,102,382	8,325,752	3,731	5,863	77,820	...
67	To residential water users....organizations...	115	85	32	5	5	3	2	...
68	acre-feet...	9,357	96,694	244,464	477,521	55	5,879	40,140	...
69	For other use....organizations...	15	34	25	9	...	4	2	...
70	acre-feet...	1,677	48,750	179,726	198,367	...	8,125	69,585	...
71	*Delivered to other irrigation organizations....organizations delivering...*	13	37	28	18	1	3	2	...
72	*acre-feet...*	2,078	74,813	246,454	11,223,451	553	8,126	11,541	...
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959								
	Per acre irrigated, as reported by irrigation organization:								
73	All organizations....acre-feet...	2.3	2.1	2.3	3.5	1.7	3.5	2.9	...
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	509	202	95	27	16	6	6	...
75	acre-feet...	2.5	2.6	2.4	3.7	1.9	3.5	2.4	...

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 5.—NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959—Continued

	Item (For definitions and explanations, see text)	Sacramento-San Joaquin Delta area and Sacramento River (II-C and II-D)				San Joaquin River (II-E)			
		Size of organization, by total water conveyed							
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations....organizations...	15	55	50	17	8	20	21	11
	TYPE OF SERVICE								
2	All water directly from surface and ground sources....organizations...	11	49	41	9	7	7	6	8
3	Total water conveyed....acre-feet...	5,838	208,224	1,408,012	3,015,505	935	40,660	135,410	4,334,813
4	Water delivered....acre-feet...	5,428	185,294	1,104,670	1,424,101	906	38,362	106,839	2,695,031
5	To farm and residential users only....organizations...	11	48	36	5	7	7	5	4
6	acre-feet...	5,428	178,794	987,979	626,566	906	38,362	103,379	753,771
7	To farm and residential users and other irrigation organizations....organizations...	...	...	4	3	...	...	1	3
8	Water to farm and residential users....acre-feet...	...	...	72,231	197,285	...	...	343	597,540
9	Water to other irrigation organizations....acre-feet...	...	...	31,355	48,250	...	...	3,117	1,145,698
10	To other irrigation organizations only....organizations...	...	1	1	1	...	...	...	1
11	acre-feet...	...	6,500	13,105	552,000	...	...	...	198,022
12	Part of water from other organizations....organizations...	...	2	7	8	1	1	6	3
13	Total water conveyed....acre-feet...	...	18,325	214,347	1,754,214	958	5,250	366,226	978,076
14	From surface and ground water sources....acre-feet...	...	5,993	153,306	1,051,449	270	4,000	209,852	98,664
15	From other irrigation organizations....acre-feet...	...	12,332	61,041	702,765	688	1,250	156,374	879,412
16	Water delivered....acre-feet...	...	16,885	145,775	1,339,576	858	4,773	317,802	740,146
17	To farm and residential users only....organizations...	...	2	5	5	1	1	5	3
18	acre-feet...	...	16,885	127,777	890,200	858	4,773	234,192	740,146
19	To farm and residential users and other irrigation organizations....organizations...	...	...	2	3	...	...	1	...
20	Water to farm and residential users....acre-feet...	...	...	7,995	283,579	...	...	76,590	...
21	Water to other irrigation organizations....acre-feet...	...	...	10,003	165,797	...	...	7,020	...
22	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...
24	All of water from other organizations....organizations...	...	4	2	...	...	12	9	...
25	Total water conveyed....acre-feet...	...	21,286	33,563	...	...	54,774	269,663	...
26	Water delivered....acre-feet...	...	15,176	28,049	...	...	54,288	216,810	...
27	To farm and residential users only....organizations...	...	3	2	...	...	12	9	...
28	acre-feet...	...	11,199	28,049	...	...	54,288	216,810	...
29	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...	...	...	...	...
30	Water to farm and residential users....acre-feet...	...	...	...	...	...	...	...	...
31	Water to other irrigation organizations....acre-feet...	...	...	...	...	...	...	...	...
32	To other irrigation organizations only....organizations...	...	1	...	...	...	...	...	...
33	acre-feet...	...	3,977	...	...	...	...	...	...
34	No water conveyed....organizations...	4	...	...	...	...	...	...	...
	WATER FROM OTHER SOURCES								
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	11	47	42	14	4	10	13	9
36	acres served...	2,585	63,535	344,484	590,130	4,248	38,910	187,123	931,755
37	acres irrigated...	1,814	51,203	295,314	390,276	398	14,759	143,548	830,968
38	Organizations reporting water from other sources used on land served by the organization....organizations...	...	6	7	2	4	10	8	1
39	acres served...	...	9,589	75,049	31,784	232	30,885	65,218	50,159
40	acres irrigated...	...	8,327	72,913	31,034	232	19,318	63,466	50,159
	NEW CAPITAL INVESTMENT, 1950-1959								
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	9	22	32	15	...	9	14	10
42	dollars...	9,288,026	46,468,604	11,624,663	11,501,706	...	595,710	4,586,554	90,138,485
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
43	Total entering conveyance systems in basin....organizations...	11	55	50	17	8	20	21	11
44	acre-feet...	5,838	214,217	1,561,318	4,066,954	1,205	44,660	353,566	4,433,477
45	From another drainage basin....organizations...	...	...	1	2	...	...	2	2
46	acre-feet...	...	...	8,000	345,200	...	...	30,400	1,447,861
47	From Drainage Basin number....D. B. No....	...	...	...	...	...	...	...	...
48	From natural sources within basin....organizations...	11	51	47	17	8	8	11	9
49	acre-feet...	5,838	214,217	1,553,318	3,721,754	1,205	44,660	323,166	2,985,616
50	Surface water....organizations...	10	48	44	17	3	3	10	9
51	acre-feet...	5,718	198,990	1,513,288	3,696,754	625	19,137	286,945	2,540,444
52	Ground water....organizations...	1	3	9	1	5	5	5	7
53	acre-feet...	120	15,227	40,030	25,000	580	25,523	36,221	445,172
54	*From other organizations in the basin....organizations receiving...*	...	6	9	8	1	13	13	3
55	*acre-feet...*	...	33,618	94,604	702,765	688	56,024	417,733	879,412
56	Total leaving conveyance systems....organizations...	11	55	50	17	8	20	21	11
57	acre-feet...	5,838	237,358	1,601,459	4,003,672	1,893	100,684	761,162	3,969,169
58	Conveyance loss in basin....organizations...	9	39	33	16	4	6	14	11
59	acre-feet...	410	26,731	260,925	665,820	129	3,261	127,968	614,381
60	Conveyed to another drainage basin....organizations...	...	...	3	1	...	...	...	4
61	acre-feet...	...	...	99,069	1,305,781	...	...	...	1,206,751
62	To drainage basin number....D. B. No....	...	...	...	...	...	...	...	...
63	Delivered for use in the basin....organizations...	11	53	47	15	8	20	21	10
64	acre-feet...	5,428	210,627	1,241,465	2,032,071	1,764	97,423	633,194	2,148,037
65	To farm irrigation water users....organizations...	11	53	46	15	8	20	20	10
66	acre-feet...	5,428	187,568	1,165,357	1,972,897	1,764	96,773	629,542	2,091,457
67	To residential water users....organizations...	...	9	9	3	...	1	3	...
68	acre-feet...	...	19,310	58,674	24,733	...	650	1,772	...
69	For other use....organizations...	...	5	7	3	...	...	2	2
70	acre-feet...	...	3,749	17,434	34,441	...	...	1,880	56,580
71	*Delivered to other irrigation organizations....organizations delivering...*	...	2	5	6	...	...	2	3
72	*acre-feet...*	...	10,477	54,463	766,047	...	...	10,137	1,343,720
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959								
	Per acre irrigated, as reported by irrigation organization:								
73	All organizations....acre-feet...	3.0	3.2	3.4	5.1	2.8	2.8	3.2	3.1
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	11	47	42	14	4	10	13	9
75	acre-feet...	3.0	3.2	3.5	4.8	3.6	2.8	2.9	2.9

State Table 5.—NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959—Continued

	Item (For definitions and explanations, see text)	San Joaquin Valley above San Joaquin River (II-F)				Santa Maria River and Basins south (II-G)			
		Size of organization, by total water conveyed							
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations.....organizations...	60	63	30	13	475	122	29	3
	TYPE OF SERVICE								
2	All water directly from surface and ground sources.....organizations...	54	54	12	8	436	66	7	1
3	Total water conveyed.....acre-feet...	17,352	191,924	355,218	1,923,066	113,838	199,870	148,514	276,708
4	Water delivered.....acre-feet...	16,132	164,767	281,225	1,509,752	111,214	160,591	87,698	276,674
5	To farm and residential users only.....organizations...	53	51	9	2	429	55	4	...
6	acre-feet...	15,242	154,974	205,423	198,793	106,689	120,196	57,244	...
7	To farm and residential users and other irrigation organizations.....organizations...	1	3	2	5	6	8	3	...
8	Water to farm and residential users.....acre-feet...	880	5,483	41,881	335,938	3,471	18,016	14,796	...
9	Water to other irrigation organizations.....acre-feet...	10	4,310	8,658	207,278	1,054	6,901	15,658	...
10	To other irrigation organizations only.....organizations...	...	...	1	1	...	3	...	1
11	acre-feet...	...	...	25,263	767,743	...	15,478	...	276,674
12	Part of water from other organizations.....organizations...	3	4	8	3	20	29	20	1
13	Total water conveyed.....acre-feet...	1,648	15,339	308,025	437,801	8,684	113,224	497,482	480,557
14	From surface and ground water sources.....acre-feet...	1,178	5,381	141,931	124,395	5,404	70,001	274,746	282,568
15	From other irrigation organizations.....acre-feet...	470	9,958	166,094	313,406	3,280	43,223	222,736	197,989
16	Water delivered.....acre-feet...	1,648	14,545	271,009	289,130	8,343	100,566	433,327	446,917
17	To farm and residential users only.....organizations...	3	4	8	2	17	22	8	...
18	acre-feet...	1,648	14,545	271,009	167,964	6,987	74,505	148,158	...
19	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	1	3	7	11	1
20	Water to farm and residential users.....acre-feet...	...	...	...	120,256	957	19,541	192,543	446,917
21	Water to other irrigation organizations.....acre-feet...	...	...	...	910	399	6,520	82,922	...
22	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	1	...
23	acre-feet...	...	...	...	...	...	...	9,704	...
24	All of water from other organizations.....organizations...	2	5	10	2	18	27	2	1
25	Total water conveyed.....acre-feet...	1,450	33,713	239,106	249,975	7,383	83,417	28,108	116,805
26	Water delivered.....acre-feet...	1,450	27,951	205,076	249,975	7,025	79,590	28,108	115,360
27	To farm and residential users only.....organizations...	2	5	10	2	16	16	...	...
28	acre-feet...	1,450	27,951	205,076	249,975	6,490	36,971	...	...
29	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	2	7	...	...
30	Water to farm and residential users.....acre-feet...	...	...	...	...	473	19,618	...	...
31	Water to other irrigation organizations.....acre-feet...	...	...	...	...	62	11,831	...	...
32	To other irrigation organizations only.....organizations...	...	...	...	...	...	4	2	1
33	acre-feet...	...	...	...	...	...	11,170	28,108	115,360
34	No water conveyed.....organizations...	1	...	...	...	1	...	...	...
	WATER FROM OTHER SOURCES								
35	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	48	31	11	3	415	93	19	1
36	acres served...	5,266	25,588	337,277	291,482	73,463	180,274	113,810	43,133
37	acres irrigated...	4,999	25,091	313,496	279,058	41,762	93,415	74,730	43,133
38	Organizations reporting water from other sources used on land served by the organization.....organizations...	11	32	18	9	58	22	7	...
39	acres served...	7,154	219,984	365,799	441,089	10,338	64,488	265,723	...
40	acres irrigated...	4,044	112,921	297,304	427,484	8,356	20,902	53,608	...
	NEW CAPITAL INVESTMENT, 1950-1959								
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	26	36	21	11	160	68	17	...
42	dollars...	144,924	625,699	25,440,731	76,944,056	15,547,261	100,307,166	15,530,630	...
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
43	Total entering conveyance systems in basin.....organizations...	59	63	30	13	474	122	29	3
44	acre-feet...	18,530	197,305	497,149	2,047,461	119,242	269,871	423,260	680,376
45	From another drainage basin.....organizations...	...	...	...	2	...	...	...	2
46	acre-feet...	...	...	...	861,551	...	...	...	579,459
47	From Drainage Basin number.....D. B. No....	...	...	...	...	...	...	...	...
48	From natural sources within basin.....organizations...	57	58	20	10	456	95	26	1
49	acre-feet...	18,530	197,305	497,149	1,185,910	119,242	269,871	423,260	100,917
50	Surface water.....organizations...	23	48	15	10	24	27	17	...
51	acre-feet...	10,117	177,416	359,246	1,112,888	6,767	62,073	154,834	...
52	Ground water.....organizations...	36	13	8	3	440	89	23	1
53	acre-feet...	8,413	19,889	137,903	73,022	112,475	207,798	268,426	100,917
54	*From other organizations in the basin*.....*organizations receiving*...	5	9	18	5	38	56	22	2
55	*acre-feet*...	1,920	43,671	405,200	563,381	10,663	126,640	250,844	193,694
56	Total leaving conveyance systems.....organizations...	59	63	30	13	474	122	29	3
57	acre-feet...	20,440	236,666	868,428	1,634,911	128,390	344,611	537,712	482,036
58	Conveyance loss in basin.....organizations...	22	51	23	10	64	66	24	3
59	acre-feet...	1,220	33,713	144,661	312,559	1,649	20,202	34,522	35,119
60	Conveyed to another drainage basin.....organizations...	...	...	...	1	...	...	...	...
61	acre-feet...	...	...	...	142,080	...	...	...	...
62	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...
63	Delivered for use in the basin.....organizations...	59	62	30	13	474	117	27	1
64	acre-feet...	19,220	202,953	723,767	1,180,272	126,741	324,409	503,190	446,917
65	To farm irrigation water users.....organizations...	59	62	30	12	473	115	26	1
66	acre-feet...	19,051	202,362	720,618	1,072,926	116,910	222,717	272,984	28,745
67	To residential water users.....organizations...	6	3	4	...	95	63	13	1
68	acre-feet...	169	591	2,771	...	8,157	66,130	139,757	418,172
69	For other use.....organizations...	...	...	1	4	14	24	14	...
70	acre-feet...	...	...	378	107,346	1,674	35,562	90,449	...
71	*Delivered to other irrigation organizations*.....*organizations delivering*...	1	3	3	7	11	29	17	2
72	*acre-feet*...	10	4,310	33,921	975,931	1,515	51,900	136,392	392,034
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959								
	Per acre irrigated, as reported by irrigation organization:								
73	All organizations.....acre-feet...	2.1	1.5	1.2	1.7	2.3	1.9	2.8	2.0
74	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	48	31	11	3	415	93	19	1
75	acre-feet...	2.8	3.4	1.0	1.3	2.4	1.9	2.3	2.8

COLORADO

(121)

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	The State	Gulf of California, total	Colorado River above Lees Ferry excluding Green and Gunnison Rivers (IV-D)						
				Total	Colorado River direct				San Juan River	
					Total	Below Cameo (1a)	Cameo to Dotsero (1b)	Above Dotsero (1c)	Total	San Juan River direct (2a)
1	Total acres irrigated in Census year.....1959...	2,684,757	739,000	405,000	145,000	70,000	41,000	34,000	122,000	20,000
2	1949...	2,943,895	806,168	448,169	156,351	70,540	48,798	37,013	148,502	20,088
3	Irrigation organizations.....organizations 1959...	1,933	934	451	105	11	69	25	140	29
4	1949...	2,302	1,042	470	109	10	79	20	149	32
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	3,040,053	783,487	434,848	156,843	87,255	47,798	21,790	165,341	23,343
6	Farm area reported irrigated by organizations.....acres 1959...	2,669,677	691,255	383,090	152,971	85,412	46,339	21,220	139,045	16,865
7	Water users served, total.....water users 1959...	43,642	15,671	10,121	6,743	5,906	765	72	2,155	125
8	Farm irrigation water users.....water users 1959...	35,051	12,156	7,040	3,771	2,946	753	72	2,103	125
9	Residential water users.....water users 1959...	8,449	3,495	3,071	2,966	2,960	6	...	49	...
10	Other water users.....water users 1959...	142	20	10	6	...	6	...	3	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	500,174	7,000	3,000	1,000	...	1,000	...	...	...
12	Surface water sources.....acres...	2,184,583	732,000	402,000	144,000	70,000	40,000	34,000	122,000	20,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	1,906	921	446	105	11	69	25	138	29
14	acre-feet...	7,705,684	3,510,202	2,050,233	1,167,987	569,307	190,886	407,794	407,208	68,675
15	From another drainage basin.....organizations...	1	1	...	...	...	...	...	1	1
16	acre-feet...	4,038	4,038	...	...	...	...	...	9,000	3,037
17	From drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	IV-D-2f
18	From natural sources within basin...organizations...	1,701	899	433	100	6	69	25	133	27
19	acre-feet...	7,701,646	3,506,164	2,050,233	1,167,987	569,307	190,886	407,794	398,208	65,638
20	Surface water.....organizations...	1,692	897	433	100	6	69	25	133	27
21	acre-feet...	7,670,472	3,505,583	2,049,816	1,167,987	569,307	190,886	407,794	398,208	65,638
22	Ground water.....organizations...	24	4	2	...	...	...	...	...	...
23	acre-feet...	31,174	581	417	...	...	...	...	...	...
24	*From other organizations in the basin.....organizations receiving...*	295	61	41	7	7	...	...	8	1
25	*acre-feet...*	1,432,394	214,392	174,000	142,287	142,287	...	...	27,716	3,037
26	Total leaving conveyance systems.....organizations...	1,906	921	446	105	11	69	25	138	29
27	acre-feet...	7,705,684	3,510,202	2,050,233	1,167,987	569,307	190,886	407,794	407,208	68,675
28	Conveyance loss in basin.....organizations...	1,767	874	419	100	11	67	22	126	26
29	acre-feet...	1,433,931	572,093	334,104	218,839	172,146	25,489	21,204	58,769	12,690
30	Conveyed to another drainage basin..organizations...	4	6	7	2	...	...	2	2	...
31	acre-feet...	15,427	334,612	335,904	287,181	...	...	287,181	1,903	...
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	[1]	...	...
33	Delivered for use in the basin.....organizations...	1,893	912	438	103	11	69	23	137	28
34	acre-feet...	6,256,326	2,603,497	1,380,225	661,967	397,161	165,397	99,409	346,536	55,985
35	To farm irrigation water users...organizations...	1,888	912	438	103	11	69	23	137	28
36	acre-feet...	5,943,099	2,457,456	1,241,904	538,955	274,470	165,076	99,409	344,087	55,985
37	To residential water users.....organizations...	130	39	29	7	5	2	...	8	...
38	acre-feet...	167,474	138,200	134,582	122,746	122,691	55	...	176	...
39	For other use.....organizations...	50	11	6	1	...	1	...	4	...
40	acre-feet...	145,753	7,841	3,739	266	...	266	...	2,273	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	118	20	10	3	3	...	...	4	1
42	*acre-feet...*	1,432,394	214,392	174,000	142,287	142,287	...	...	27,716	3,037
43	Average delivery of irrigation water per acre irrigated as reported by organizations...acre-feet...	2.2	3.6	3.2	3.5	3.2	3.6	4.7	2.5	3.3
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	903	545	245	53	9	30	14	63	10
45	dollars...	59,837,605	22,442,145	21,393,082	18,935,998	2,247,336	57,498	16,631,164	1,361,605	121,076

[1] 18,601 acre-feet to D. B. No. VI-E-6, 268,580 acre-feet to D. B. No. VI-E-7. [2] 3,037 acre-feet to D. B. No. IV-D-2a, 242 acre-feet to D. B. No. IV-D-2a, 1,661 acre-feet to D. B. No. IV-D-2f.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Colorado River excluding Green and Gunnison Rivers (IV-D)—Continued													
San Juan River—Continued					Dolores River								
McElmo Creek (2b)	Mancos River (2c)	La Plata River (2d)	Animas River (2e)	Los Pinos River (2f)	Total	Dolores River direct (4a)	San Miguel River (4b)	Plateau Creek (5)	Roaring Fork (6)	Eagle River (7)	Blue River and Muddy Creek (8, 9)	Frazer River (10)	
31,000	13,000	4,000	18,000	36,000	29,000	10,000	19,000	25,000	38,000	14,000	22,000	10,000	1
37,840	12,853	16,519	21,057	40,145	36,145	10,580	25,565	29,125	31,369	15,415	21,090	10,172	2
13	29	19	27	24	23	10	13	82	64	24	5	8	3
10	29	23	30	28	32	16	16	84	60	30	1	8	4
42,003	14,909	15,195	26,587	43,304	35,880	8,580	27,300	28,419	30,777	7,153	3,685	6,750	5
41,808	9,712	8,285	22,752	39,623	23,200	3,390	19,810	22,079	30,707	7,153	2,685	5,250	6
739	184	99	390	618	335	28	307	401	344	85	10	48	7
738	174	99	363	604	334	28	306	353	337	84	10	48	8
...	9	...	27	13	...	...	...	48	7	1	...	...	9
1	1	...	...	1	1	...	1	...	...	...	...	...	10
...	...	...	...	...	1,000	1,000	...	...	1,000	...	...	...	11
31,000	13,000	4,000	18,000	36,000	28,000	9,000	19,000	25,000	37,000	14,000	22,000	10,000	12
14	28	19	27	22	23	10	13	80	64	24	5	8	13
102,201	27,113	10,301	74,648	136,307	88,493	13,441	75,052	71,278	238,279	41,588	20,490	23,910	14
1	1	...	...	...	...	...	...	...	...	...	...	...	15
9,000	9,000	...	...	...	...	...	...	...	...	...	...	...	16
IV-D-2c	IV-D-4a	...	...	...	...	...	...	...	...	...	...	...	17
13	28	19	27	19	23	10	13	76	64	24	5	8	18
93,201	18,113	10,301	74,648	136,307	88,493	13,441	75,052	71,278	238,279	41,588	20,490	23,910	19
13	28	19	27	19	23	10	13	76	64	24	5	8	20
93,201	18,113	10,301	74,648	136,307	88,493	13,441	75,052	71,191	237,949	41,588	20,490	23,910	21
...	...	...	...	...	...	...	...	1	1	...	...	...	22
...	...	...	...	...	...	...	...	87	330	...	...	...	23
...	1	2	...	4	...	...	...	26	...	...	...	...	24
...	270	898	...	23,511	...	...	...	3,997	...	...	...	...	25
14	28	19	27	22	23	10	13	80	64	24	5	8	26
102,201	27,113	10,301	74,648	136,307	88,493	13,441	75,052	71,278	238,279	41,588	20,490	23,910	27
12	27	18	27	16	22	9	13	74	60	24	5	8	28
8,716	1,659	1,543	12,062	22,099	12,200	429	11,771	8,912	26,037	3,379	3,421	2,547	29
...	1	...	...	3	1	1	...	1	2	...	...	...	30
...	9,000	...	...	4,940	9,000	9,000	...	1,292	45,528	...	...	...	31
...	IV-D-2b	...	...	(2)	...	IV-D-2c	...	IV-F-1	VI-B-1c	...	...	...	32
14	28	18	27	22	22	9	13	77	62	24	5	8	33
93,485	16,454	8,758	62,586	109,268	67,293	4,012	63,281	61,074	166,714	38,209	17,069	21,363	34
14	28	18	27	22	22	9	13	77	62	24	5	8	35
91,952	15,914	8,758	62,510	108,968	66,093	4,012	62,081	56,931	159,220	38,186	17,069	21,363	36
...	4	...	2	2	...	...	...	11	2	1	...	...	37
...	40	...	76	60	...	...	...	4,143	7,494	23	...	...	38
2	1	...	...	1	1	...	1	...	...	...	...	...	39
1,533	500	...	...	240	1,200	...	1,200	...	...	...	...	...	40
...	1	1	...	2	...	...	...	3	...	...	...	...	41
...	270	898	...	23,511	...	...	...	3,997	...	...	...	...	42
2.2	1.6	1.1	2.7	2.8	2.8	1.2	3.1	2.6	5.2	5.3	6.4	4.1	43
9	15	...	12	18	17	7	10	52	34	20	3	3	44
735,192	22,510	...	52,050	430,777	262,573	20,000	242,573	84,026	652,579	65,501	26,800	4,000	45

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	Green River (IV-E)					
		Total	Green River direct (1)	White River (4)	Yampa River		
					Total	Yampa River direct (8a)	Elk and Little Snake Rivers (8b, c)
1	Total acres irrigated in Census year.....1959...	86,000	1,000	27,000	58,000	45,000	13,000
2	1949...	88,602	691	29,911	58,000	45,172	12,828
3	Irrigation organizations.....organizations 1959...	125	...	27	98	81	17
4	1949...	129	...	30	99	76	23
	Service area, 1959:						
5	Farm area reported served by organizations.....acres 1959...	74,370	...	19,716	54,654	48,695	5,959
6	Farm area reported irrigated by organizations.....acres 1959...	71,264	...	19,450	51,814	45,855	5,959
7	Water users served, total.....water users 1959...	503	...	129	374	321	53
8	Farm irrigation water users.....water users 1959...	503	...	129	374	321	53
9	Residential water users.....water users 1959...	...	...	...	...	...	...
10	Other water users.....water users 1959...	...	...	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959						
11	Ground water sources.....acres...	2,000	...	1,000	1,000	1,000	...
12	Surface water sources.....acres...	84,000	1,000	26,000	57,000	44,000	13,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959						
13	Total entering conveyance systems in basin.....organizations...	124	...	27	97	80	17
14	acre-feet...	313,959	...	98,479	215,480	184,068	31,412
15	From another drainage basin.....organizations...	1	...	...	1	...	1
16	acre-feet...	4,038	...	...	4,038	...	4,038
17	From drainage basin number.....D. B. No....	...	...	...	...	...	IV-E-8b
18	From natural sources within basin...organizations...	123	...	27	96	80	16
19	acre-feet...	309,921	...	98,479	211,442	184,068	27,374
20	Surface water.....organizations...	123	...	27	96	80	16
21	acre-feet...	309,921	...	98,479	211,442	184,068	27,374
22	Ground water.....organizations...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...
24	*From other organizations in the basin.....organizations receiving...*	...	...	...	...	...	...
25	*acre-feet...*	...	...	...	...	...	...
26	Total leaving conveyance systems.....organizations...	124	...	27	97	80	17
27	acre-feet...	313,959	...	98,479	215,480	184,068	31,412
28	Conveyance loss in basin.....organizations...	122	...	27	95	79	16
29	acre-feet...	43,453	...	11,579	31,874	26,939	4,935
30	Conveyed to another drainage basin..organizations...	...	...	...	...	...	...
31	acre-feet...	...	...	...	...	...	...
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	124	...	27	97	80	17
34	acre-feet...	270,506	...	86,900	183,606	157,129	26,477
35	To farm irrigation water users...organizations...	124	...	27	97	80	17
36	acre-feet...	270,506	...	86,900	183,606	157,129	26,477
37	To residential water users.....organizations...	...	...	...	...	...	...
38	acre-feet...	...	...	...	...	...	...
39	For other use.....organizations...	...	...	...	...	...	...
40	acre-feet...	...	...	...	...	...	...
41	*Delivered to other irrigation organizations.....organizations delivering...*	...	...	...	...	...	...
42	*acre-feet...*	...	...	...	...	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.8	...	4.5	3.5	3.4	4.4
	NEW CAPITAL INVESTMENT, 1950-1959						
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	105	...	24	81	68	13
45	dollars...	331,245	...	77,440	253,805	235,178	18,627

[1] 1,292 acre-feet from D. B. No. IV-D-5, 256 acre-feet from D. B. No. IV-F-3. [2] 6,790 acre-feet from D. B. No. V-C-11, 26,990 acre-feet from D. B. No. V-C-1c. [3] 5,148 acre-feet to D. B. No. IV-F-4, 333,436 acre-feet to D. B. No. IV-F-2. [4] 833 acre-feet to D. B. No. V-C-1c, 6,790 acre-feet to D. B. No. V-C-13.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

Gunnison River (IV-F)							Rio Grande above Fort Quitman, Texas (V-C)						
Total	Gunnison River direct (1)	Uncompahgree River (2)	North Fork (3)	Smith Fork (4)	Tomichi Creek (5)	Slate River (6)	Total	Rio Grande direct (1)	Costilla and Trinchera Creek (10, 12)	San Antonio and Conejos Rivers (11)	LaJara and Alamosa Creeks (13)	San Luis Lake and San Luis Creek Direct (14)	
248,000	69,000	111,000	21,000	16,000	27,000	4,000	419,000	176,000	31,000	55,000	106,000	51,000	1
269,397	88,678	103,735	25,501	18,408	27,396	5,679	592,645	253,212	41,421	75,072	136,521	86,419	2
359	182	74	53	17	27	12	203	64	31	68	43	3	3
445	234	76	77	20	32	10	304	99	39	97	71	8	4
274,269	84,267	111,344	42,860	22,583	10,062	3,153	573,350	268,393	52,575	96,114	155,088	1,180	5
236,901	63,356	98,439	39,684	22,307	9,962	3,153	419,622	217,916	30,947	84,605	84,974	1,180	6
5,047	1,473	2,204	1,073	194	77	26	3,425	1,222	425	1,033	723	22	7
4,613	1,448	1,904	965	193	77	26	3,278	1,222	425	892	717	22	8
424	23	300	101	...	...	...	147	...	...	141	6	...	9
10	2	...	7	1	...	...	...	...	...	...	...	...	10
2,000	1,000	...	...	...	1,000	...	172,000	92,000	8,000	6,000	42,000	24,000	11
246,000	68,000	111,000	21,000	16,000	26,000	4,000	247,000	84,000	23,000	49,000	64,000	27,000	12
352	176	74	52	17	27	12	200	62	31	67	43	3	13
1,147,302	616,011	597,609	155,025	50,559	68,585	27,513	693,042	356,575	71,823	187,333	109,854	2,070	14
1	2	3	1	1	...	...	...	1	...	...	5	...	15
1,292	1,548	333,436	29,160	5,148	...	...	...	833	...	...	33,780	...	16
...	(1)	IV-F-1	IV-F-2	IV-F-1	...	...	...	V-C-11	...	...	(2)	...	17
343	173	68	48	16	27	12	188	53	28	66	39	3	18
1,146,010	614,463	264,173	125,865	45,411	68,585	27,513	693,042	355,742	71,823	187,333	76,074	2,070	19
341	171	68	48	16	27	12	184	53	28	66	34	3	20
1,145,846	614,299	264,173	125,865	45,411	68,585	27,513	677,934	355,742	71,823	177,379	70,920	2,070	21
2	2	...	...	...	...	...	9	...	...	2	7	...	22
164	164	...	...	...	...	...	15,108	...	...	9,954	5,154	...	23
20	11	4	5	...	...	...	17	9	4	4	...	...	24
40,392	15,660	19,631	5,101	...	...	...	56,176	23,124	6,352	26,700	...	...	25
352	176	74	52	17	27	12	200	62	31	67	43	3	26
1,147,302	616,011	597,609	155,025	50,559	68,585	27,513	693,042	356,575	71,823	187,333	109,854	2,070	27
334	165	72	48	15	27	11	185	56	30	60	40	3	28
194,536	46,170	104,495	23,859	3,741	12,886	3,385	137,299	76,245	24,406	16,644	19,726	278	29
...	4	1	1	...	...	...	...	3	...	3	...	...	30
...	338,584	29,160	256	...	...	...	...	26,990	...	7,623	...	...	31
...	(3)	IV-F-3	IV-F-1	...	...	...	...	V-C-13	...	(4)	...	...	32
351	173	74	51	17	27	12	199	61	31	65	43	3	33
952,766	231,257	463,954	130,910	46,818	55,699	24,128	555,743	253,340	47,417	163,066	90,128	1,792	34
351	173	74	51	17	27	12	199	61	31	65	43	3	35
945,046	230,003	461,054	130,224	43,938	55,699	24,128	554,093	253,340	47,417	161,566	89,978	1,792	36
10	7	1	2	...	...	...	2	...	...	1	1	...	37
3,618	414	2,900	304	...	...	...	1,650	...	...	1,500	150	...	38
5	1	...	3	1	...	...	...	...	...	...	...	...	39
4,102	840	...	382	2,880	...	...	...	...	...	...	...	...	40
10	4	3	4	...	...	...	12	2	3	7	...	...	41
40,392	15,660	19,631	5,101	...	...	...	56,176	23,124	6,352	26,700	...	...	42
4.0	3.6	4.7	3.3	2.0	5.6	7.7	1.3	1.2	0.9	1.9	1.1	1.5	43
195	99	66	17	7	8	2	104	28	6	43	28	...	44
717,818	203,872	375,406	88,775	38,915	10,350	500	2,996,833	343,735	170,400	2,438,820	43,878	...	45

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	Mississippi River total	Arkansas River (VI-B)				
			Total	Arkansas River direct			
				Total	Below John Martin Dam (1a)	John Martin Dam to Pueblo (1b)	Above Pueblo (1c)
1	Total acres irrigated in Census year.....1959...	1,527,000	445,000	340,000	130,000	170,000	40,000
2	1949...	1,545,082	461,146	352,450	122,144	181,147	49,159
3	Irrigation organizations.....organizations 1959...	800	319	172	32	53	92
4	1949...	959	427	240	38	96	109
	Service area, 1959:						
5	Farm area reported served by organizations.....acres 1959...	1,683,216	475,714	394,239	155,660	192,320	46,259
6	Farm area reported irrigated by organizations.....acres 1959...	1,558,800	431,485	376,353	152,959	186,825	36,569
7	Water users served, total.....water users 1959...	24,546	8,179	7,034	1,135	2,779	3,120
8	Farm irrigation water users.....water users 1959...	19,617	6,905	5,783	1,135	2,645	2,003
9	Residential water users.....water users 1959...	4,807	1,205	1,184	...	69	1,115
10	Other water users.....water users 1959...	122	69	67	...	65	2
	LAND IRRIGATED BY SOURCE OF WATER, 1959						
11	Ground water sources.....acres...	321,000	69,000	41,000	16,000	24,000	1,000
12	Surface water sources.....acres...	1,206,000	376,000	299,000	114,000	146,000	39,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959						
13	Total entering conveyance systems in basin.....organizations...	792	317	170	32	52	91
14	acre-feet...	3,835,149	1,313,345	1,190,823	409,473	760,784	330,568
15	From another drainage basin.....organizations...	4	2	5	1	4	3
16	acre-feet...	332,709	45,528	71,219	181,290	145,403	54,528
17	From drainage basin number.....D. B. No....	...	...	...	VI-B-1b	(1)	(2)
18	From natural sources within basin...organizations...	619	273	131	11	34	89
19	acre-feet...	3,502,440	1,267,817	1,119,604	228,183	615,381	276,040
20	Surface water.....organizations...	616	271	129	11	33	88
21	acre-feet...	3,486,955	1,264,822	1,116,609	228,183	612,791	275,635
22	Ground water.....organizations...	11	5	5	...	3	2
23	acre-feet...	15,485	2,995	2,995	...	2,590	405
24	*From other organizations in the basin.....organizations receiving...*	217	46	39	21	17	1
25	*acre-feet...*	1,161,826	205,667	184,613	134,610	47,753	2,250
26	Total leaving conveyance systems.....organizations...	792	317	170	32	52	91
27	acre-feet...	3,835,149	1,313,345	1,190,823	409,473	760,784	330,568
28	Conveyance loss in basin.....organizations...	708	293	162	31	50	84
29	acre-feet...	724,539	203,088	179,977	63,841	83,554	32,582
30	Conveyed to another drainage basin..organizations...	2	...	2	...	3	2
31	acre-feet...	13,524	...	18,430	...	199,720	128,712
32	To drainage basin number.....D. B. No....	...	...	...	...	(3)	VI-B-1b
33	Delivered for use in the basin.....organizations...	782	317	170	32	52	88
34	acre-feet...	3,097,086	1,110,257	992,416	345,632	477,510	169,274
35	To farm irrigation water users...organizations...	777	317	170	32	52	87
36	acre-feet...	2,931,550	1,029,362	913,058	345,632	404,069	163,357
37	To residential water users.....organizations...	89	14	10	...	2	8
38	acre-feet...	27,624	4,169	4,016	...	232	3,784
39	For other use.....organizations...	39	8	7	...	6	2
40	acre-feet...	137,912	76,726	75,342	...	73,209	2,133
41	*Delivered to other irrigation organizations..... organizations delivering...*	86	14	9	5	3	1
42	*acre-feet...*	1,161,826	205,667	184,613	134,610	47,753	2,250
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	1.9	2.4	2.4	2.3	2.2	4.5
	NEW CAPITAL INVESTMENT, 1950-1959						
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	258	121	67	5	24	41
45	dollars...	34,398,627	2,304,051	2,128,013	27,522	1,463,526	636,965

[1] 7,352 acre-feet from D. B. No. VI-B-6, 128,712 acre-feet from D. B. No. VI-B-1c, 9,339 acre-feet from D. B. No. VI-B-8. [2] 45,528 acre-feet from D. B. No. IV-D-6, 9,000 acre-feet from D. B. No. VI-B-10. [3] 181,290 acre-feet to D. B. No. VI-B-1a, 10,330 acre-feet to D. B. No. VI-B-6, 8,100 acre-feet to D. B. No. VI-B-8.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

Arkansas River (VI-B)—Continued								Missouri River, total	Missouri River excluding Platte River: Republican River (VI-C)	Platte River excluding South Platte River (VI-D)			
Cimarron River	Purgatorie River	Huerfano River			St. Charles River	Fountain Creek	Grape Creek			Total	North Platte River, above Alcova Dam	Larmie River	
		Total	Huerfano River direct	Cucharas River									
(3)	(6)		(7a)	(7b)	(8)	(9)	(10)				(3d)	(5a)	
21,000	24,000	24,000	16,000	8,000	4,000	12,000	20,000	1,082,000	35,000	134,000	130,000	4,000	1
264	32,565	27,723	19,731	7,992	5,775	16,666	25,703	1,083,936	6,517	147,713	141,953	5,760	2
...	44	65	37	28	19	6	18	481	4	71	68	3	3
...	45	96	62	35	18	8	24	532	2	81	78	3	4
...	43,402	21,614	15,469	6,145	4,914	7,380	4,165	1,207,502	3,393	65,265	65,265	...	5
...	20,175	19,528	14,673	4,855	4,639	6,865	3,925	1,127,315	3,393	64,865	64,865	...	6
...	400	294	192	102	304	103	44	16,367	23	169	169	...	7
...	379	292	192	100	304	103	44	12,712	23	169	169	...	8
...	21	...	...	...	...	...	...	3,602	...	...	...	...	9
...	...	2	...	2	...	...	...	53	...	...	...	...	10
21,000	...	2,000	2,000	...	...	4,000	1,000	252,000	32,000	1,000	1,000	...	11
...	24,000	22,000	14,000	8,000	4,000	8,000	19,000	830,000	3,000	133,000	129,000	4,000	12
...	44	65	37	28	19	6	18	475	3	71	68	3	13
...	70,443	37,770	23,613	14,157	23,721	18,033	16,676	2,521,804	21,080	356,632	334,668	21,964	14
...	1	...	...	...	1	...	...	2	...	...	...	...	15
...	10,330	...	...	...	8,100	...	...	287,181	...	...	...	...	16
...	VI-B-1b	...	...	...	VI-B-1b	...	...	...	...	...	...	...	17
...	36	65	37	28	18	6	18	346	3	71	68	3	18
...	60,113	37,770	23,613	14,157	15,621	18,033	16,676	2,234,623	21,080	356,632	334,668	21,964	19
...	36	65	37	28	18	6	18	345	3	71	68	3	20
...	60,113	37,770	23,613	14,157	15,621	18,033	16,676	2,222,133	21,080	356,632	334,668	21,964	21
...	...	...	...	...	...	...	...	6	...	...	...	...	22
...	...	...	...	...	...	...	...	12,490	...	...	...	...	23
...	7	...	...	...	...	...	...	171	...	...	...	...	24
...	21,054	...	...	...	...	...	...	956,159	...	...	...	...	25
...	44	65	37	28	19	6	18	475	3	71	68	3	26
...	70,443	37,770	23,613	14,157	23,721	18,033	16,676	2,521,804	21,080	356,632	334,668	21,964	27
...	42	54	31	23	18	6	15	415	3	66	66	...	28
...	8,687	4,221	2,669	1,552	3,303	4,397	2,503	521,451	2,520	54,649	54,649	...	29
...	1	...	...	...	1	...	1	2	1	3	...	3	30
...	7,352	...	...	...	9,339	...	9,000	13,524	10,032	21,964	...	21,964	31
...	VI-B-1b	...	...	...	VI-B-1b	...	VI-B-1c	...	...	...	...	VI-E-6	32
...	44	65	37	28	19	6	17	465	3	68	68	...	33
...	54,404	33,549	20,944	12,605	11,079	13,636	5,173	1,986,829	8,528	280,019	280,019	...	34
...	44	65	37	28	19	6	17	460	3	68	68	...	35
...	54,251	32,165	20,944	11,221	11,079	13,636	5,173	1,902,188	8,528	280,019	280,019	...	36
...	4	...	...	...	...	...	...	75	...	...	...	...	37
...	153	...	...	...	...	...	...	23,455	...	...	...	...	38
...	...	1	...	1	...	...	...	31	...	...	...	...	39
...	...	1,384	...	1,384	...	...	...	61,186	...	...	...	...	40
...	5	...	...	...	...	...	...	72	...	...	...	...	41
...	21,054	...	...	...	...	...	...	956,159	...	...	...	...	42
...	2.7	1.6	1.4	2.3	2.4	2.0	1.3	1.7	2.5	4.3	4.3	...	43
...	26	24	11	13	2	1	3	137	2	35	33	2	44
...	121,818	19,727	8,125	11,602	16,929	17,416	148	32,094,576	2,100	64,605	38,590	26,015	45

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	South Platte River above Gaging Station near Paxton, Nebraska (VI-E)					
		Total	South Platte River direct				Upper Beaver Creek
			Total	Below Sublette (1a)	Sublette to South Platte (1b)	Above South Platte (1c)	(3)
1	Total acres irrigated in Census year.....1959...	913,000	458,000	207,000	208,000	43,000	15,000
2	1949...	929,706	458,100	200,866	212,472	44,762	9,834
3	Irrigation organizations.....organizations 1959...	409	133	56	77	3	1
4	1949...	452	163	77	82	7	2
	Service area, 1959:						
5	Farm area reported served by organizations.....acres 1959...	1,138,844	561,965	238,648	321,617	1,700	(D)
6	Farm area reported irrigated by organizations.....acres 1959...	1,059,057	523,039	229,454	291,885	1,700	(D)
7	Water users served, total.....water users 1959...	16,175	6,887	1,850	5,029	8	(D)
8	Farm irrigation water users.....water users 1959...	12,520	5,735	1,850	3,877	8	(D)
9	Residential water users.....water users 1959...	3,602	1,131	...	1,131	...	...
10	Other water users.....water users 1959...	53	21	...	21	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959						
11	Ground water sources.....acres...	219,000	151,000	83,000	68,000	...	10,000
12	Surface water sources.....acres...	694,000	307,000	124,000	140,000	43,000	5,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959						
13	Total entering conveyance systems in basin.....organizations...	404	131	55	76	3	1
14	acre-feet...	2,166,056	1,112,885	500,710	735,463	3,420	(D)
15	From another drainage basin.....organizations...	5	12	3	12	...	1
16	acre-feet...	309,145	172,735	126,708	172,735	...	(D)
17	From drainage basin number.....D. B. No....	...	...	VI-E-1b	(1)	...	VI-E-1a
18	From natural sources within basin...organizations...	275	75	30	42	3	...
19	acre-feet...	1,856,911	940,150	374,002	562,728	3,420	...
20	Surface water.....organizations...	274	75	30	42	3	...
21	acre-feet...	1,844,421	929,510	367,002	559,088	3,420	...
22	Ground water.....organizations...	6	4	2	2	...	...
23	acre-feet...	12,490	10,640	7,000	3,640	...	...
24	*From other organizations in the basin.....organizations receiving...*	171	56	24	32	...	...
25	*acre-feet...*	956,159	249,093	83,885	165,208	...	...
26	Total leaving conveyance systems.....organizations...	404	131	55	76	3	1
27	acre-feet...	2,166,056	1,112,885	500,710	735,463	3,420	(D)
28	Conveyance loss in basin.....organizations...	346	120	54	64	3	1
29	acre-feet...	464,282	302,652	156,272	145,945	435	(D)
30	Conveyed to another drainage basin..organizations...	1	3	2	4	...	...
31	acre-feet...	3,492	9,490	8,510	127,688	...	...
32	To drainage basin number.....D. B. No....	...	...	(2)	(3)	...	...
33	Delivered for use in the basin.....organizations...	394	127	55	70	3	1
34	acre-feet...	1,698,282	800,743	335,928	461,830	2,985	(D)
35	To farm irrigation water users...organizations...	389	125	55	68	3	1
36	acre-feet...	1,613,641	751,093	335,928	412,180	2,985	(D)
37	To residential water users.....organizations...	75	18	...	18	...	...
38	acre-feet...	23,455	9,387	...	9,387	...	...
39	For other use.....organizations...	31	14	...	14	...	...
40	acre-feet...	61,186	40,263	...	40,263	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	72	32	7	25	...	...
42	*acre-feet...*	956,159	249,093	83,885	165,208	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	1.5	1.4	1.5	1.4	1.8	(D)
	NEW CAPITAL INVESTMENT, 1950-1959						
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	101	41	14	27	...	...
45	dollars...	32,027,871	811,452	130,448	681,004	...	...

D Data not shown to avoid disclosure of information for individual organizations. [1]15,461 acre-feet from D. B. No. VI-E-8, 38,628 acre-feet from D. B. No. VI-E-9, 6,208 acre-feet from D. B. No. VI-E-10, 66,923 acre-feet from D. B. No. VI-E-6, 45,515 acre-feet from D. B. No. VI-E-7. [2]5,018 acre-feet to D. B. No. VI-E-3, 3,492 acre-feet to D. B. No. VI-E-1a. [3]980 acre-feet to D. B. No. VI-E-9, 126,708 acre-feet to D. B. No. VI-E-1a.

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	South Platte River above Gaging Station near Paxton, Nebraska (VI-E)—Continued						
		Upper Bijou Creek	Crow Creek	Cache La Poudre River	Thompson River	St. Vrain and Boulder Creeks	Clear Creek	Bear Creek
		(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	Total acres irrigated in Census year.....1959...	27,000	9,000	204,000	73,000	114,000	8,000	5,000
2	1949...	18,688	7,130	220,395	62,833	125,749	18,998	7,979
3	Irrigation organizations.....organizations 1959...	...	...	71	57	118	42	7
4	1949...	...	2	74	47	129	43	11
	Service area, 1959:							
5	Farm area reported served by organizations.....acres 1959...	...	...	234,480	109,257	198,610	25,972	(D)
6	Farm area reported irrigated by organizations.....acres 1959...	...	...	225,580	105,123	178,483	19,272	(D)
7	Water users served, total.....water users 1959...	...	...	2,357	1,178	2,955	2,652	(D)
8	Farm irrigation water users.....water users 1959...	...	...	2,196	1,131	2,444	883	(D)
9	Residential water users.....water users 1959...	...	...	159	46	495	1,758	(D)
10	Other water users.....water users 1959...	...	...	2	1	16	11	(D)
	LAND IRRIGATED BY SOURCE OF WATER, 1959							
11	Ground water sources.....acres...	23,000	3,000	28,000	2,000	2,000	...	...
12	Surface water sources.....acres...	4,000	6,000	176,000	71,000	112,000	8,000	5,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
13	Total entering conveyance systems in basin.....organizations...	...	...	70	56	118	42	6
14	acre-feet...	...	...	538,573	472,828	308,670	101,300	(D)
15	From another drainage basin.....organizations...	...	...	6	4	1	1	...
16	acre-feet...	...	...	192,087	284,101	46,569	980	...
17	From drainage basin number.....D. B. No....	...	...	(1)	(2)	VI-E-7	VI-E-1b	...
18	From natural sources within basin...organizations...	...	...	44	32	102	19	6
19	acre-feet...	...	...	346,486	188,727	262,101	100,320	(D)
20	Surface water.....organizations...	...	...	43	32	102	19	6
21	acre-feet...	...	...	346,336	188,727	260,401	100,320	(D)
22	Ground water.....organizations...	...	...	1	...	1	...	...
23	acre-feet...	...	...	150	...	1,700	...	...
24	*From other organizations in the basin*.....*organizations receiving*...	...	...	34	26	31	24	...
25	*acre-feet*...	...	...	239,362	370,550	82,275	14,879	...
26	Total leaving conveyance systems.....organizations...	...	...	70	56	118	42	6
27	acre-feet...	...	...	538,573	472,828	308,670	101,300	(D)
28	Conveyance loss in basin.....organizations...	...	...	51	39	100	42	6
29	acre-feet...	...	...	93,105	28,267	25,593	10,724	(D)
30	Conveyed to another drainage basin..organizations...	...	...	3	4	5	5	1
31	acre-feet...	...	...	66,923	243,606	30,982	38,628	(D)
32	To drainage basin number.....D. B. No....	...	...	VI-E-1b	(3)	(4)	VI-E-1b	VI-E-1b
33	Delivered for use in the basin.....organizations...	...	...	65	51	117	42	6
34	acre-feet...	...	...	378,545	200,955	252,095	51,948	(D)
35	To farm irrigation water users...organizations...	...	...	65	50	116	41	6
36	acre-feet...	...	...	374,844	198,556	241,787	33,708	(D)
37	To residential water users.....organizations...	...	...	6	4	15	34	3
38	acre-feet...	...	...	503	721	1,952	10,875	(D)
39	For other use.....organizations...	...	...	2	1	10	5	2
40	acre-feet...	...	...	3,198	1,678	8,356	7,365	(D)
41	*Delivered to other irrigation organizations*..... *organizations delivering*...	...	...	13	15	14	6	...
42	*acre-feet*...	...	...	239,362	370,550	82,275	14,879	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	...	...	1.7	1.9	1.4	1.7	(D)
	NEW CAPITAL INVESTMENT, 1950-1959							
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	...	...	15	14	34	4	...
45	dollars...	...	...	1,067,419	27,988,187	2,076,598	84,215	...

D Data not shown to avoid disclosure of information for individual organizations. [1]21,964 acre-feet from D. B. No. VI-D-5a, 18,601 acre-feet from D. B. No. IV-D-1c, 151,522 acre-feet from D. B. No. VI-E-7. [2]15,521 acre-feet from D. B. No. VI-E-8, 268,580 acre-feet from D. B. No. IV-D-1c. [3]151,522 acre-feet to D. B. No. VI-E-6, 46,569 acre-feet to D. B. No. VI-E-8, 45,515 acre-feet to D. B. No. VI-E-1b. [4]15,461 acre-feet to D. B. No. VI-E-1a, 15,521 acre-feet to D. B. No. VI-E-7.

State Table 2.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)		Colorado, total	Colorado River direct; Plateau Creek, Roaring Fork, Eagle River, Blue River, Muddy Creek, and Frazer River (IV-D-1, 5-10)	San Juan and Dolores Rivers (IV-D-2, 4)	Green River (IV-E)	Gunnison River (IV-F)	Rio Grande River (V-C)	Arkansas River (VI-B)	North Platte River (VI-D)	South Platte River (VI-E)
1	Irrigation organizations, total										
	number.....organizations	1959...	1,933	288	163	125	359	203	319	71	409
2		1949...	2,302	292	149	129	445	304	427	81	452
3	Area irrigated as reported by organizations.....acres	1959...	2,669,677	220,845	162,245	71,264	236,901	419,622	431,485	64,865	1,059,057
4		1949...	2,399,618	184,081	170,297	50,236	221,745	505,015	384,212	69,897	811,541
5	Farm water users served directly....water users	1959...	35,051	4,603	2,437	503	4,613	3,278	6,905	169	12,520
6	Total water conveyed.....acre-feet	1959...	9,138,078	1,709,816	514,417	313,959	1,187,694	749,218	1,519,012	356,632	3,122,215
	TYPE OF ORGANIZATION										
	Mutual:										
7	Unincorporated.....organizations	1959...	1,261	243	112	117	283	124	214	66	101
8		1949...	1,579	247	107	118	352	204	326	78	124
9	Farm area irrigated directly.....acres	1959...	543,826	101,839	46,203	65,864	82,180	76,603	54,120	57,765	59,072
10	Farm water users served directly.....water users	1959...	6,071	1,216	714	445	1,031	627	977	159	896
11	Total water conveyed.....acre-feet	1959...	2,139,798	507,491	160,021	291,975	395,712	165,758	190,179	290,188	137,294
12	Incorporated.....organizations	1959...	642	41	46	7	75	75	104	4	294
13		1949...	686	40	39	9	92	93	97	...	314
14	Farm area irrigated directly.....acres	1959...	1,938,870	104,491	106,370	(D)	(D)	304,959	(D)	(D)	880,676
15	Farm water users served directly.....water users	1959...	25,943	2,162	1,620	(D)	(D)	2,462	(D)	(D)	10,212
16	Total water conveyed.....acre-feet	1959...	6,234,031	843,937	331,439	(D)	(D)	558,544	(D)	(D)	2,463,475
17	District.....organizations	1959...	14	3	...	1	1	3	...	...	6
18		1949...	20	3	...	2	1	5	2	...	5
19	Farm area irrigated directly.....acres	1959...	161,657	14,515	...	(D)	(D)	38,060	...	...	105,897
20	Farm water users served directly.....water users	1959...	2,404	1,225	...	(D)	(D)	189	...	...	887
21	Total water conveyed.....acre-feet	1959...	345,653	89,808	...	(D)	(D)	24,916	...	...	216,853
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau...organizations	1959...	6	1	3	...	...	1	...	...	1
23		1949...	4	1	2	...	...	1	...	...	1
24	Farm area irrigated directly.....acres	1959...	...	...	...	...	...	...	...	...	...
25	Farm water users served directly.....water users	1959...	...	...	...	...	...	...	...	...	...
26	Total water conveyed.....acre-feet	1959...	268,580	268,580	...	...	...	...	...	...	268,580
27	*U. S. Bureau of Reclamation; operated by water users*..... *organizations*	*1959*...	6	2	...	...	3	...	...	...	1
28		*1949*...	4	NA	NA	NA	NA	NA	NA	NA	NA
29	Farm area irrigated directly.....acres	1959...	109,440	(D)	...	...	81,095	...	...	...	(D)
30	Farm water users served directly.....water users	1959...	2,707	(D)	...	...	1,868	...	...	...	(D)
31	Total water conveyed.....acre-feet	1959...	871,054	(D)	...	...	491,594	...	...	...	(D)
32	U. S. Bureau of Indian Affairs....organizations	1959...	2	...	2	...	...	...	...	...	...
33		1949...	1	...	1	...	...	...	...	...	...
34	Farm area irrigated directly.....acres	1959...	9,672	...	9,672	...	...	...	...	...	...
35	Farm water users served directly.....water users	1959...	103	...	103	...	...	...	...	...	...
36	Total water conveyed.....acre-feet	1959...	22,957	...	22,957	...	...	...	...	...	...
37	Commercial.....organizations	1959...	4	...	...	...	...	...	1	1	3
38		1949...	6	1	...	...	...	1	1	2	3
39	Farm area irrigated directly.....acres	1959...	2,740	...	...	...	...	...	(D)	...	500
40	Farm water users served directly.....water users	1959...	17	...	...	...	...	...	(D)	...	12
41	Total water conveyed.....acre-feet	1959...	98,038	...	...	...	...	...	(D)	(D)	6,992
42	State.....organizations	1959...	...	...	...	...	...	...	...	...	...
43		1949...	1	...	...	...	...	...	1	...	...
44	Farm area irrigated directly.....acres	1959...	...	...	...	...	...	...	...	...	...
45	Farm water users served directly.....water users	1959...	...	...	...	...	...	...	...	...	...
46	Total water conveyed.....acre-feet	1959...	...	...	...	...	...	...	...	...	...
47	City.....organizations	1959...	4	...	...	...	...	...	...	...	4
48		1949...	5	...	...	...	...	...	...	1	5
49	Farm area irrigated directly.....acres	1959...	12,912	...	...	...	...	...	...	...	12,912
50	Farm water users served directly.....water users	1959...	513	...	...	...	...	...	...	...	513
51	Total water conveyed.....acre-feet	1959...	29,021	...	...	...	...	...	...	...	29,021

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 2.--NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950--Continued

	Item (For definitions and explanations, see text)	Colorado, total	Colorado River direct; Plateau Creek, Roaring Fork, Eagle River, Blue River, Muddy Creek, and Frazer River (IV-D-1, 5-10)	San Juan and Dolores Rivers (IV-D-2, 4)	Green River (IV-E)	Gunnison River (IV-F)	Rio Grande River (V-C)	Arkansas River (VI-B)	North Platte River (VI-D)	South Platte River (VI-E)
	TYPE OF SERVICE, 1959									
1	All water directly from surface and ground water sources.....organizations...	1,612	252	152	124	332	183	271	70	231
2	Total water conveyed.....acre-feet...	7,289,598	1,535,194	468,982	313,959	1,131,172	679,547	1,188,787	355,057	1,931,609
3	Water delivered.....acre-feet...	5,952,055	995,992	399,547	270,506	937,458	551,414	954,820	280,019	1,553,771
4	To farm and residential users only.....organizations...	1,532	245	148	124	325	171	259	68	191
5	acre-feet...	3,555,344	564,588	339,687	270,506	522,034	423,491	572,717	280,019	573,774
6	To farm and residential users and other irrigation organizations.....organizations...	67	3	3	...	6	11	12	...	33
7	Water to farm and residential users.....acre-feet...	1,347,291	288,640	32,144	...	383,948	71,747	229,382	...	341,430
8	Water to other irrigation organizations..... acre-feet...	618,736	138,767	26,818	...	30,806	34,982	152,721	...	234,642
9	To other irrigation organizations only.....organizations...	13	4	1	...	1	1	...	...	7
10	acre-feet...	430,684	3,997	898	...	670	21,194	...	...	403,925
11	Part of water from other organizations.....organizations...	90	25	4	...	12	5	2	1	43
12	Total water conveyed.....acre-feet ..	1,032,046	121,253	24,170	...	21,427	37,318	147,735	1,575	698,744
13	From surface and ground water sources.....acre-feet...	416,086	28,338	17,719	...	16,130	13,495	124,558	1,575	232,530
14	From other irrigation organizations.....acre-feet...	615,960	92,915	6,451	...	5,297	23,823	23,177	...	466,214
15	Water delivered.....acre-feet...	874,508	74,692	21,197	...	18,652	34,079	121,175	...	604,713
16	To farm and residential users only.....organizations...	68	24	4	...	10	5	...	...	25
17	acre-feet...	289,233	74,692	21,197	...	10,074	34,079	...	...	149,191
18	To farm and residential users and other irrigation organizations.....organizations...	19	1	...	...	2	...	2	1	15
19	Water to farm and residential users.....acre-feet...	268,086	...	...	...	6,168	...	68,229	...	193,689
20	Water to other irrigation organizations.....acre-feet...	288,513	...	...	...	2,410	...	52,946	...	233,157
21	To other irrigation organizations only.....organizations...	2	...	...	...	...	...	...	...	2
22	acre-feet...	28,676	...	...	...	...	...	...	...	28,676
23	All of water from other organizations.....organizations...	205	9	4	...	8	12	44	...	128
24	Total water conveyed.....acre-feet...	816,434	53,369	21,265	...	35,095	32,353	182,490	...	491,862
25	Water delivered.....acre-feet...	716,404	41,730	17,328	...	32,946	26,426	163,203	...	434,771
26	To farm and residential users only.....organizations...	188	8	4	...	7	12	44	...	113
27	acre-feet...	559,500	13,562	17,328	...	25,945	26,426	163,203	...	313,036
28	To farm and residential users and other irrigation organizations.....organizations...	17	1	...	...	1	...	...	...	15
29	Water to farm residential users.....acre-feet...	91,119	24,648	...	...	495	...	...	...	65,976
30	Water to other irrigation organizations.....acre-feet...	65,785	3,520	...	...	6,506	...	...	...	55,759
31	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...	...	...
32	acre-feet...	...	...	...	...	...	...	...	...	...
33	No water conveyed.....organizations...	26	2	3	1	7	3	2	...	7
	WATER FROM OTHER SOURCES									
34	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	1,470	239	149	114	278	134	294	62	198
35	acres served...	1,987,469	220,116	191,681	62,396	239,110	347,810	390,771	58,925	480,037
36	acres irrigated...	1,782,783	210,092	152,805	59,290	214,550	296,654	354,102	58,525	440,142
37	Water delivered to farms.....acre-feet...	4,493,362	764,120	392,590	250,540	893,020	382,120	821,883	260,683	720,076
38	acre-feet per acre...	2.5	3.6	2.6	4.2	4.2	1.3	2.3	4.4	1.6
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	420	43	10	10	73	65	23	7	193
40	acres served...	1,059,677	80,541	10,020	14,767	36,159	225,540	84,943	34,000	660,527
41	acres irrigated...	893,987	74,123	9,920	14,767	23,351	122,968	77,383	33,340	620,635
42	Water delivered to farms.....acre-feet...	1,466,136	173,197	19,139	26,948	52,257	171,973	207,479	58,060	896,417
43	acre-feet per acre...	1.6	2.3	1.9	1.8	2.2	1.4	2.7	1.7	1.4

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Colorado, total,	Colorado River direct; Plateau Creek, Roaring Fork, Eagle River, Blue River, Muddy Creek, and Frazer River (IV-D-1, 5-10)	San Juan and Dolores Rivers (IV-D-2, 4)	Green River (IV-E)	Gunnison River (IV-F)	Rio Grande River (V-C)	Arkansas River (VI-B)	North Platte River (VI-D)	South Platte River (VI-E)
	WATER DELIVERED PER ACRE									
	Organizations reporting no water from other sources used on same land:									
1	0.1 to 0.9 acre-feet per acre.....organizations...	137	20	20	3	23	24	30	...	18
2	acres irrigated...	351,912	17,614	12,451	460	17,159	182,914	25,861	...	104,323
3	1.0 to 1.9 acre-feet per acre.....organizations...	347	40	30	11	47	45	89	1	84
4	acres irrigated...	539,475	59,570	26,252	4,720	23,102	64,452	141,889	200	219,290
5	2.0 to 2.9 acre-feet per acre.....organizations...	301	34	37	16	47	34	60	7	64
6	acres irrigated...	376,934	15,288	75,884	12,278	28,558	27,789	114,650	6,930	90,244
7	3.0 to 3.9 acre-feet per acre.....organizations...	205	31	15	20	32	18	45	26	18
8	acres irrigated...	162,064	26,822	16,655	13,453	19,314	12,583	32,299	24,515	16,423
9	4.0 to 4.9 acre-feet per acre.....organizations...	126	26	22	18	22	4	21	8	5
10	acres irrigated...	186,139	51,062	10,406	5,754	87,478	4,021	15,828	6,400	5,190
11	5.0 to 5.9 acre-feet per acre.....organizations...	115	27	7	23	31	2	12	8	4
12	acres irrigated...	63,036	12,220	6,260	12,981	13,673	1,095	2,804	9,880	3,942
13	6.0 to 6.9 acre-feet per acre.....organizations...	78	21	5	12	16	2	14	7	1
14	acres irrigated...	43,361	11,455	899	6,010	3,572	1,300	13,475	6,400	250
15	7.0 to 7.9 acre-feet per acre.....organizations...	48	11	7	4	16	3	6	1	...
16	acres irrigated...	17,001	4,211	2,025	1,270	5,488	1,350	1,257	1,400	...
17	8.0 to 9.9 acre-feet per acre.....organizations...	65	14	5	5	22	2	10	4	3
18	acres irrigated...	29,520	7,347	1,648	1,974	10,876	1,150	3,415	2,800	310
19	10.0 or more acre-feet per acre.....organizations...	48	15	1	2	22	...	7	...	1
20	acres irrigated...	13,341	4,503	324	390	5,330	...	2,624	...	170
	SIZE OF ORGANIZATION									
	Size of organization (number of farm irrigation water users served directly):									
21	None.....organizations...	45	6	6	4	8	4	2	2	20
22	1 to 3.....organizations...	810	153	74	78	186	62	137	64	56
23	water users...	1,921	363	178	185	429	155	327	148	136
24	4 to 9.....organizations...	540	85	48	29	108	79	92	4	94
25	water users...	3,072	472	265	144	598	456	501	21	609
26	10 to 29.....organizations...	318	24	19	14	39	31	48	...	136
27	water users...	4,973	375	311	192	538	451	818	...	2,250
28	30 to 99.....organizations...	151	10	11	...	13	21	23	...	74
29	water users...	7,927	542	605	...	838	1,027	1,109	...	3,857
30	100 to 299.....organizations...	51	5	4	...	4	5	11	1	24
31	water users...	7,634	732	485	...	560	819	1,683	168	3,657
32	300 to 999.....organizations...	16	4	1	...	1	1	6	...	5
33	water users...	6,917	1,782	600	...	1,662	370	2,467	...	2,020
34	1,000 or more.....organizations...	2	1	...	...	...	...	...	...	...
35	water users...	2,662	1,000	...	...	...	...	...	...	...
	Size of organization (acre-feet of water delivered directly to farms):									
36	None.....organizations...	45	6	4	1	8	4	2	2	20
37	1 to 299 acre-feet.....organizations...	431	57	49	11	101	43	115	2	53
38	acre-feet...	60,242	8,602	7,349	1,968	11,196	6,301	16,732	417	7,677
39	300 to 999 acre-feet.....organizations...	520	82	49	46	105	73	82	6	76
40	acre-feet...	314,300	50,282	26,133	30,346	63,876	41,695	51,221	3,759	46,044
41	1,000 to 2,999 acre-feet.....organizations...	489	86	30	40	86	38	60	30	120
42	acre-feet...	891,871	167,296	48,792	69,434	156,891	65,522	106,526	60,086	218,643
43	3,000 to 9,999 acre-feet.....organizations...	332	37	23	21	49	34	41	25	101
44	acre-feet...	1,761,332	187,326	129,009	107,499	240,297	187,000	226,349	146,917	529,549
45	10,000 to 29,999 acre-feet.....organizations...	96	15	7	6	9	10	12	5	32
46	acre-feet...	1,483,674	222,105	124,256	68,241	124,483	173,873	194,204	68,840	507,672
47	30,000 to 99,999 acre-feet.....organizations...	18	5	1	...	...	1	6	1	7
48	acre-feet...	956,806	301,706	76,190	...	...	79,702	291,591	38,724	306,908
49	100,000 or more acre-feet.....organizations...	2	...	...	...	1	...	1	...	...
50	acre-feet...	491,273	...	...	...	348,534	...	142,739	...	...
	Size of organization (acre-feet of water conveyed):									
51	None.....organizations...	27	2	3	1	7	3	2	2	8
52	1 to 299 acre-feet.....organizations...	377	49	41	9	94	38	104	1	41
53	acre-feet...	54,184	7,421	6,421	1,590	10,550	5,919	15,307	144	6,832
54	300 to 999 acre-feet.....organizations...	502	84	57	39	99	74	74	6	69
55	acre-feet...	306,540	53,641	32,435	25,527	60,736	44,465	43,142	3,404	43,190
56	1,000 to 2,999 acre-feet.....organizations...	479	79	28	46	85	35	71	25	110
57	acre-feet...	869,688	151,976	49,217	79,618	154,816	60,847	123,183	51,208	199,196
58	3,000 to 9,999 acre-feet.....organizations...	379	46	20	23	61	38	44	29	117
59	acre-feet...	2,038,341	209,845	103,676	127,057	305,221	218,503	267,632	173,332	626,375
60	10,000 to 29,999 acre-feet.....organizations...	126	19	12	7	12	13	14	7	41
61	acre-feet...	2,078,828	290,563	181,933	88,321	196,198	255,852	244,878	106,580	718,103
62	30,000 to 99,999 acre-feet.....organizations...	35	6	2	...	...	1	8	1	21
63	acre-feet...	1,918,744	331,751	140,735	...	...	30,796	468,260	85,010	1,158,599
64	100,000 or more acre-feet.....organizations...	8	3	...	...	1	1	2	...	2
65	acre-feet...	1,879,907	828,687	...	...	460,434	132,836	356,610	...	369,920

State Table 3.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Colorado, total	Colorado River direct; Plateau Creek, Roaring Fork, Eagle River, Muddy Creek, and Frazer River (IV-D-1,5-10)	San Juan River and Delores River (IV-D-2, 4)	Green River (IV-E)	Gunnison River (IV-F)	Rio Grande River above Fort Quitman, Texas (V-C)	Arkansas River (VI-B)	Platte River excluding South Platte River (VI-D)	South Platte River above Gaging Station near Paxton, Nebraska (VI-E)
1	Total acres irrigated.....farms reporting...	20,312	2,633	1,396	536	2,439	1,632	3,767	127	7,524
2	acres...	2,684,757	254,019	150,550	86,179	247,555	419,408	445,428	133,682	913,101
3	Acres irrigated by sprinklers.....farms reporting...	1,088	95	26	37	37	21	129	3	656
4	acres...	52,808	5,582	1,186	1,133	795	2,621	7,750	110	28,572
5	Sprinklers only.....farms reporting...	432	22	5	10	4	4	86	...	254
6	acres...	24,668	1,178	506	320	115	493	5,842	...	13,320
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959									
7	Ground water sources on farm.....farms reporting...	4,884	63	28	29	42	798	868	2	2,828
8	acres...	495,814	2,381	1,029	1,845	2,383	167,487	69,078	440	219,284
9	Ground water sources on farm only.farms reporting...	1,632	23	11	17	7	116	304	...	934
10	acres...	193,403	1,292	434	915	212	21,219	38,573	...	99,181
11	Surface sources on farm.....farms reporting...	3,533	676	250	291	354	295	644	119	888
12	acres...	617,711	134,552	23,103	43,171	67,959	58,742	65,520	121,202	102,016
13	Surface sources on farm only.....farms reporting...	2,457	591	177	256	214	159	507	112	431
14	acres...	508,669	123,660	16,646	36,539	54,909	31,483	52,722	115,207	76,616
15	Irrigation organization sources.....farms reporting...	15,971	2,007	1,197	263	2,206	1,300	2,901	13	6,060
16	acres...	1,571,232	117,086	126,418	41,163	177,213	193,179	310,830	12,040	591,801
17	Irrigation organization sources only.....farms reporting...	12,280	1,905	1,129	217	2,059	623	2,316	5	4,006
18	acres...	1,182,723	107,216	118,234	34,885	164,908	90,146	250,282	2,077	413,821
19	Both farm ground water sources and surface sources.....farms reporting...	252	13	9	7	12	54	53	2	98
20	acres...	61,553	3,612	845	1,077	4,189	25,910	10,198	1,864	13,152
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	3,691	101	70	39	147	680	587	8	2,055
22	acres...	738,409	18,239	14,391	12,763	23,337	250,650	93,653	14,534	310,331

State Table 4.--NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	Colorado, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	1,933	1,261	642	14	6	6	10
1949...	2,302	1,579	686	20	4	4	13
Service area, 1959:							
Area served, as reported by organizations.....acres...	3,040,053	614,112	2,220,694	173,921	...	119,491	31,326
Area irrigated, as reported by organizations.....acres...	2,669,677	543,826	1,938,870	161,657	...	109,440	25,324
Water users served, 1959, total.....water users...	43,642	7,125	31,352	3,481	...	4,333	1,684
Farm irrigation water users.....water users...	35,051	6,071	25,943	2,404	...	2,707	633
Residential water users.....water users...	8,449	1,030	5,302	1,075	...	1,625	1,042
Other water users.....water users...	142	24	107	2	...	1	9
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	1,612	1,181	417	6	1	4	7
Total water conveyed.....acre-feet...	7,289,598	2,054,625	4,682,182	157,202	268,580	802,726	127,009
Water delivered.....acre-feet...	5,952,055	1,762,017	3,795,589	96,164	268,580	588,785	29,705
To farm and residential users only.....organizations...	1,532	1,174	346	6	...	1	6
acre-feet...	3,555,344	1,731,832	1,700,644	96,164	...	4,050	26,704
To farm and residential users and other irrigation organizations.....organizations...	67	6	60	...	...	3	1
Water to farm and residential users.....acre-feet...	1,347,291	7,624	1,336,771	...	...	477,194	2,896
Water to other irrigation organizations.....acre-feet...	618,736	16,977	601,654	...	...	107,541	105
To other irrigation organizations only.....organizations...	13	1	11	...	1	...	...
acre-feet...	430,684	5,584	156,520	...	268,580	...	...
Part of water from other organizations.....organizations...	90	32	52	4	...	2	2
Total water conveyed.....acre-feet...	1,032,046	26,255	857,941	124,843	...	68,328	23,007
From surface and ground water sources.....acre-feet...	416,086	18,483	619,465	[1]-238,956	...	[1]-256,697	17,094
From other irrigation organizations.....acre-feet...	615,960	7,772	238,476	363,799	...	325,025	5,913
Water delivered.....acre-feet...	874,508	22,838	742,969	88,507	...	43,521	20,194
To farm and residential users only.....organizations...	68	32	32	2	...	1	2
acre-feet...	289,233	22,838	192,070	54,131	...	34,055	20,194
To farm and residential users and other irrigation organizations.....organizations...	19	...	17	2	...	1	...
Water to farm and residential users.....acre-feet...	268,086	...	253,827	14,259	...	1,809	...
Water to other irrigation organizations.....acre-feet...	288,513	...	268,396	20,117	...	7,657	...
To other irrigation organizations only.....organizations...	2	...	2	...	...	...	...
acre-feet...	28,676	...	28,676	...	...	...	...
All of water from other organizations.....organizations...	205	44	159	2	...	...	...
Total water conveyed.....acre-feet...	816,434	58,918	693,908	63,608	...	...	...
Water delivered.....acre-feet...	716,404	52,899	626,909	36,596	...	...	...
To farm and residential users only.....organizations...	188	41	145	2	...	...	...
acre-feet...	559,500	37,927	484,977	36,596	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	17	3	14	...	...	...	...
Water to farm and residential users.....acre-feet...	91,119	7,384	83,735	...	...	...	...
Water to other irrigation organizations.....acre-feet...	65,785	7,588	58,197	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	26	4	14	2	5	...	1
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	1,470	1,032	420	11	...	6	7
acres served...	1,987,469	463,149	1,343,817	152,477	...	119,491	28,026
acres irrigated...	1,782,783	414,892	1,204,914	140,953	...	109,440	22,024
water delivered to farms (acre-feet)...	4,493,362	1,527,359	2,758,400	168,642	...	505,928	38,961
acre-feet per acre...	2.5	3.7	2.3	1.2	...	4.6	1.8
Organizations reporting water from other sources used on land served by the organization.....organizations...	420	223	194	1	...	...	2
acres served...	1,059,677	151,043	883,890	21,444	...	...	3,300
acres irrigated...	893,987	129,014	740,969	20,704	...	...	3,300
water delivered to farms (acre-feet)...	1,466,136	261,953	1,171,935	29,018	...	...	3,230
acre-feet per acre...	1.6	2.0	1.6	1.4	...	...	1.0
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	903	631	256	8	2	5	6
By U. S. B. R.....dollars...	48,722,036	...	...	13,410,358	35,311,678	13,410,358	...
By water users organizations.....dollars...	11,115,569	1,605,870	8,356,391	733,188	...	2,601,763	420,120

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Colorado, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	1,906	1,257	627	12	1	6	9
acre-feet...	7,705,684	2,073,108	5,301,647	[1]-81,754	268,580	546,029	144,103
From another drainage basin.....organizations...	1	...	1	...	...	...	...
acre-feet...	4,038	...	4,038	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	1,701	1,213	468	10	1	6	9
acre-feet...	7,701,646	2,073,108	5,297,609	[1]-81,754	268,580	546,029	144,103
Surface water.....organizations...	1,692	1,206	466	10	1	6	9
acre-feet...	7,670,472	2,067,482	5,275,701	[1]-81,754	268,580	546,029	140,463
Ground water.....organizations...	24	12	10	...	...	...	2
acre-feet...	31,174	5,626	21,908	...	...	...	3,640
From other organizations in the basin.....organizations receiving...	295	76	211	6	...	2	2
acre-feet...	1,432,394	66,690	932,384	427,407	...	325,025	5,913
Total leaving conveyance systems.....organizations...	1,906	1,257	627	12	1	6	9
acre-feet...	7,705,684	2,109,649	5,120,588	325,536	...	755,856	149,911
Conveyance loss in basin.....organizations...	1,767	1,183	563	12	...	6	9
acre-feet...	1,433,931	295,062	991,614	123,248	...	237,710	24,007
Conveyed to another drainage basin.....organizations...	4	1	3	...	...	...	...
acre-feet...	15,427	242	15,185	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	1,893	1,257	615	12	...	6	9
acre-feet...	6,256,326	1,814,345	4,113,789	202,288	...	518,146	125,904
To farm irrigation water users.....organizations...	1,888	1,255	612	12	...	6	9
acre-feet...	5,943,099	1,789,092	3,914,156	197,660	...	505,928	42,191
To domestic water users.....organizations...	130	54	70	2	...	3	4
acre-feet...	167,474	18,513	137,868	3,490	...	11,180	7,603
For other use.....organizations...	50	11	32	2	...	1	5
acre-feet...	145,753	6,740	61,765	1,138	...	1,038	76,110
Delivered to other irrigation organizations.....organizations delivering...	118	10	104	2	1	4	1
acre-feet...	1,432,394	30,149	1,113,443	20,117	268,580	115,198	105
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	60	20	31	2	6	...	1
1 to 3 water users.....organizations...	810	774	34	...	...	...	2
4 to 9 water users.....organizations...	540	373	164	1	...	...	2
10 to 29 water users.....organizations...	303	75	223	2	...	...	3
30 to 99 water users.....organizations...	151	18	132	1	...	2	...
100 to 299 water users.....organizations...	51	1	44	5	...	1	1
300 to 999 water users.....organizations...	16	...	12	3	...	2	1
1,000 or more water users.....organizations...	2	...	2	...	...	1	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	45	6	30	2	6	...	1
1 to 299 acre-feet.....organizations...	431	375	55	...	...	...	1
300 to 999 acre-feet.....organizations...	520	413	103	1	...	...	3
1,000 to 2,999 acre-feet.....organizations...	489	321	166	1	...	1	1
3,000 to 9,999 acre-feet.....organizations...	332	127	199	3	...	1	3
10,000 to 29,999 acre-feet.....organizations...	96	19	71	5	...	1	1
30,000 to 99,999 acre-feet.....organizations...	18	...	16	2	...	2	...
100,000 or more acre-feet.....organizations...	2	...	2	...	...	1	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	27	4	15	2	5	...	1
1 to 299 acre-feet.....organizations...	377	334	43	...	...	...	...
300 to 999 acre-feet.....organizations...	502	406	94	...	...	...	2
1,000 to 2,999 acre-feet.....organizations...	479	318	160	1	...	1	...
3,000 to 9,999 acre-feet.....organizations...	379	170	203	2	...	1	4
10,000 to 29,999 acre-feet.....organizations...	126	28	91	5	...	1	2
30,000 to 99,999 acre-feet.....organizations...	35	1	29	4	...	1	1
100,000 or more acre-feet.....organizations...	8	...	7	...	1	2	...

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Colorado River direct, Plateau Creek, Roaring Fork, Eagle River, Blue River, Muddy Creek, and Frazer River (IV-D-1 and 5-10)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	288	243	41	3	1	2	...
1949...	292	247	40	3	1	NA	1
Service area, 1959:							
Area served, as reported by organizations.....acres...	233,627	109,692	108,377	15,558	...	(D)	...
Area irrigated, as reported by organizations.....acres...	220,845	101,839	104,491	14,515	...	(D)	...
Water users served, 1959, total.....water users...	7,631	1,284	4,052	2,295	...	(D)	...
Farm irrigation water users.....water users...	4,603	1,216	2,162	1,225	...	(D)	...
Residential water users.....water users...	3,022	62	1,890	1,070	...	(D)	...
Other water users.....water users...	6	6	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	252	220	31	...	1	1	...
Total water conveyed.....acre-feet...	1,535,194	492,350	774,264	...	268,580	(D)	...
Water delivered.....acre-feet...	995,992	426,562	569,430	...	...	(D)	...
To farm and residential users only.....organizations...	245	220	25	...	...	...	...
acre-feet...	564,588	426,562	138,026	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	3	...	3	...	...	1	...
Water to farm and residential users.....acre-feet...	288,640	...	288,640	...	...	(D)	...
Water to other irrigation organizations.....acre-feet...	138,767	...	138,767	...	...	(D)	...
To other irrigation organizations only.....organizations...	4	...	3	...	1	...	...
acre-feet...	3,997	...	3,997	...	...	...	...
Part of water from other organizations.....organizations...	25	19	4	2	...	1	...
Total water conveyed.....acre-feet...	121,253	15,070	27,153	79,030	...	(D)	...
From surface and ground water sources.....acre-feet...	28,338	11,877	26,420	[1]-9,959	...	(D)	...
From other irrigation organizations.....acre-feet...	92,915	3,193	733	88,989	...	...	...
Water delivered.....acre-feet...	74,692	13,008	7,553	54,131	...	...	...
To farm and residential users only.....organizations...	24	19	3	2	...	1	...
acre-feet...	74,692	13,008	7,553	54,131	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	1	...	1	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	9	4	4	1	...	...	...
Total water conveyed.....acre-feet...	53,369	71	42,520	10,778	...	...	...
Water delivered.....acre-feet...	41,730	67	34,085	7,578	...	...	...
To farm and residential users only.....organizations...	8	4	3	1	...	...	...
acre-feet...	13,562	67	5,917	7,578	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	1	...	1	...	...	...	...
Water to farm and residential users.....acre-feet...	24,648	...	24,648	...	...	...	...
Water to other irrigation organizations.....acre-feet...	3,520	...	3,520	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	2	...	2	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	239	205	31	3	...	2	...
acres served...	220,116	91,961	112,597	15,558	...	(D)	...
acres irrigated...	210,092	86,866	108,711	14,515	...	(D)	...
water delivered to farms (acre-feet)...	764,120	374,627	331,264	58,229	...	(D)	...
acre-feet per acre...	3.6	4.3	3.0	4.0	...	(D)	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	43	38	5	...	...	...	...
acres served...	80,541	17,731	62,810	...	...	...	...
acres irrigated...	74,123	14,973	59,150	...	...	...	...
water delivered to farms (acre-feet)...	173,197	53,295	119,902	...	...	...	...
acre-feet per acre...	2.3	3.6	2.0	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	165	130	31	3	1	2	...
By U. S. B. R.....dollars...	16,494,839	...	...	...	16,494,839	...	...
By water users organizations.....dollars...	3,274,065	357,163	2,684,402	232,500	...	...	...

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Colorado River direct, Plateau Creek, Roaring Fork, Eagle River, Blue River, Muddy Creek, and Frazer River (IV-D-1 and 5-10)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	286	243	39	3	1	2	...
acre-feet...	1,563,532	504,227	800,684	[1]-9,959	268,580	...	...
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	277	239	35	2	1	2	...
acre-feet...	1,563,532	504,227	800,684	[1]-9,959	268,580	...	...
Surface water.....organizations...	277	239	35	2	1	2	...
acre-feet...	1,563,115	503,810	800,684	[1]-9,959	268,580	...	...
Ground water.....organizations...	2	2	...	...	...	...	...
acre-feet...	417	417	...	...	...	...	...
From other organizations in the basin .....organizations receiving...	33	23	7	3	...	1	...
acre-feet...	146,284	3,264	43,253	99,767	...	...	...
Total leaving conveyance systems.....organizations...	286	243	39	3	1	2	...
acre-feet...	1,563,532	507,491	697,653	89,808	268,580	...	...
Conveyance loss in basin.....organizations...	271	233	35	3	...	2	...
acre-feet...	263,135	67,588	167,448	28,099	...	...	...
Conveyed to another drainage basin.....organizations...	5	...	4	...	1	...	...
acre-feet...	334,001	...	65,421	...	268,580	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	279	243	33	3	...	2	...
acre-feet...	966,396	439,903	464,784	61,709	...	...	...
To farm irrigation water users.....organizations...	279	243	33	3	...	2	...
acre-feet...	831,724	427,922	345,573	58,229	...	...	...
To domestic water users.....organizations...	21	16	4	1	...	2	...
acre-feet...	134,406	11,715	119,211	3,480	...	...	...
For other use.....organizations...	1	1	...	...	...	...	...
acre-feet...	266	266	...	...	...	...	...
Delivered to other irrigation organizations..... organizations delivering...	6	...	6	...	...	1	...
acre-feet...	146,284	...	146,284	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	6	...	5	...	1	(D)	...
1 to 3 water users.....organizations...	153	148	5	...	...	(D)	...
4 to 9 water users.....organizations...	85	73	12	...	...	(D)	...
10 to 29 water users.....organizations...	24	19	5	...	...	(D)	...
30 to 99 water users.....organizations...	10	3	7	...	...	(D)	...
100 to 299 water users.....organizations...	5	...	4	1	...	(D)	...
300 to 999 water users.....organizations...	4	...	2	2	...	(D)	...
1,000 or more water users.....organizations...	1	...	1	...	...	(D)	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	6	...	5	...	1	(D)	...
1 to 299 acre-feet.....organizations...	57	55	2	...	...	(D)	...
300 to 999 acre-feet.....organizations...	82	79	3	...	...	(D)	...
1,000 to 2,999 acre-feet.....organizations...	86	77	9	...	...	(D)	...
3,000 to 9,999 acre-feet.....organizations...	37	26	10	1	...	(D)	...
10,000 to 29,999 acre-feet.....organizations...	15	6	8	1	...	(D)	...
30,000 to 99,999 acre-feet.....organizations...	5	...	4	1	...	(D)	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	(D)	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	2	...	2	...	...	(D)	...
1 to 299 acre-feet.....organizations...	49	48	1	...	...	(D)	...
300 to 999 acre-feet.....organizations...	84	80	4	...	...	(D)	...
1,000 to 2,999 acre-feet.....organizations...	79	69	10	...	...	(D)	...
3,000 to 9,999 acre-feet.....organizations...	46	35	11	...	...	(D)	...
10,000 to 29,999 acre-feet.....organizations...	19	10	7	2	...	(D)	...
30,000 to 99,999 acre-feet.....organizations...	6	1	4	1	...	(D)	...
100,000 or more acre-feet.....organizations...	3	...	2	...	1	(D)	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.
[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	San Juan River and Dolores River (IV-D-2-4)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	163	112	46	...	3	...	2
1949...	149	107	39	...	2	NA	1
Service area, 1959:							
Area served, as reported by organizations.....acres...	201,221	65,243	126,150	...	...	...	9,828
Area irrigated, as reported by organizations.....acres...	162,245	46,203	106,370	...	...	...	9,672
Water users served, 1959, total.....water users...	2,490	741	1,645	...	...	...	104
Farm irrigation water users.....water users...	2,437	714	1,620	...	...	...	103
Residential water users.....water users...	49	25	24	...	...	...	...
Other water users.....water users...	4	2	1	...	...	...	1
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	152	111	40	...	...	...	1
Total water conveyed.....acre-feet...	468,982	156,984	311,518	...	...	...	480
Water delivered.....acre-feet...	399,547	133,228	265,839	...	...	...	480
To farm and residential users only.....organizations...	148	111	36	...	...	...	1
acre-feet...	339,687	133,228	205,979	...	...	...	480
To farm and residential users and other irrigation organizations.....organizations...	3	...	3	...	...	...	...
Water to farm and residential users.....acre-feet...	32,144	...	32,144	...	...	...	...
Water to other irrigation organizations.....acre-feet...	26,818	...	26,818	...	...	...	...
To other irrigation organizations only.....organizations...	1	...	1	...	...	...	...
acre-feet...	898	...	898	...	...	...	...
Part of water from other organizations.....organizations...	4	...	3	...	...	...	1
Total water conveyed.....acre-feet...	24,170	...	1,693	...	...	...	22,477
From surface and ground water sources.....acre-feet...	1,719	...	525	...	...	...	17,194
From other irrigation organizations.....acre-feet...	6,451	...	1,168	...	...	...	5,283
Water delivered.....acre-feet...	21,197	...	1,403	...	...	...	19,794
To farm and residential users only.....organizations...	4	...	3	...	...	...	1
acre-feet...	21,197	...	1,403	...	...	...	19,794
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	4	1	3	...	...	...	...
Total water conveyed.....acre-feet...	21,265	3,037	18,228	...	...	...	...
Water delivered.....acre-feet...	17,328	2,516	14,812	...	...	...	...
To farm and residential users only.....organizations...	4	1	3	...	...	...	...
acre-feet...	17,328	2,516	14,812	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	3	...	...	...	3	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	149	102	45	...	...	...	2
acres served...	191,681	55,303	126,550	...	...	...	9,828
acres irrigated...	152,805	36,363	106,770	...	...	...	9,672
water delivered to farms (acre-feet)...	392,590	116,692	255,624	...	...	...	20,274
acre-feet per acre...	2.6	3.2	2.4	...	...	...	2.1
Organizations reporting water from other sources used on land served by the organization.....organizations...	10	10	...	...	...	...	...
acres served...	10,020	10,020	...	...	...	...	...
acres irrigated...	9,920	9,920	...	...	...	...	...
water delivered to farms (acre-feet)...	19,139	19,139	...	...	...	...	...
acre-feet per acre...	1.9	1.9	...	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	80	52	26	...	...	...	2
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	1,624,178	320,919	977,659	...	...	...	325,600

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	San Juan River and Dolores River (IV-D-2-4)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	160	112	46	...	...	...	2
acre-feet...	486,701	156,984	312,043	...	...	...	17,674
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	156	111	43	...	...	...	2
acre-feet...	486,701	156,984	312,043	...	...	...	17,674
Surface water.....organizations...	156	111	43	...	...	...	2
acre-feet...	486,701	156,984	312,043	...	...	...	17,674
Ground water.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From other organizations in the basin.....organizations receiving...	8	1	6	...	...	...	1
acre-feet...	27,716	3,037	19,396	...	...	...	5,283
Total leaving conveyance systems.....organizations...	160	112	46	...	...	...	2
acre-feet...	486,701	160,021	302,062	1,661	...	...	22,957
Conveyance loss in basin.....organizations...	148	105	42	...	...	...	1
acre-feet...	70,969	22,302	46,224	...	...	...	2,443
Conveyed to another drainage basin.....organizations...	2	1	...	1	...	...	...
acre-feet...	1,903	242	...	1,661	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	159	112	45	...	...	...	2
acre-feet...	413,829	137,477	255,838	...	...	...	20,514
To farm irrigation water users.....organizations...	159	112	45	...	...	...	2
acre-feet...	410,180	135,611	254,295	...	...	...	20,274
To domestic water users.....organizations...	8	6	2	...	...	...	...
acre-feet...	176	133	43	...	...	...	...
For other use.....organizations...	5	3	1	...	...	...	1
acre-feet...	3,473	1,733	1,500	...	...	...	240
Delivered to other irrigation organizations.....organizations delivering...	4	...	4	...	...	...	...
acre-feet...	27,716	...	27,716	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	6	2	1	...	3	...	...
1 to 3 water users.....organizations...	74	72	1	...	...	...	1
4 to 9 water users.....organizations...	48	32	16	...	...	...	...
10 to 29 water users.....organizations...	19	2	17	...	...	...	...
30 to 99 water users.....organizations...	11	3	8	...	...	...	...
100 to 299 water users.....organizations...	4	1	2	...	...	...	1
300 to 999 water users.....organizations...	1	...	1	...	...	...	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	4	...	1	...	3	...	...
1 to 299 acre-feet.....organizations...	49	44	5	...	...	...	...
300 to 999 acre-feet.....organizations...	49	37	11	...	...	...	1
1,000 to 2,999 acre-feet.....organizations...	30	22	8	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	23	6	17	...	...	...	...
10,000 to 29,999 acre-feet.....organizations...	7	3	3	...	...	...	1
30,000 to 99,999 acre-feet.....organizations...	1	...	1	...	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	3	...	...	...	3	...	...
1 to 299 acre-feet.....organizations...	41	36	5	...	...	...	...
300 to 999 acre-feet.....organizations...	57	45	11	...	...	...	1
1,000 to 2,999 acre-feet.....organizations...	28	20	8	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	20	8	12	...	...	...	...
10,000 to 29,999 acre-feet.....organizations...	12	3	8	...	...	...	1
30,000 to 99,999 acre-feet.....organizations...	2	...	2	...	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...

NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Green River (IV-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	125	117	7	1	...	...	...
1949...	129	118	9	2	...	NA	...
Service area, 1959:							
Area served, as reported by organizations.....acres...	74,370	67,645	(D)	(D)	...	...	...
Area irrigated, as reported by organizations.....acres...	71,264	65,864	(D)	(D)	...	...	...
Water users served, 1959, total.....water users...	503	445	(D)	(D)	...	...	...
Farm irrigation water users:.....water users...	503	445	(D)	(D)	...	...	...
Residential water users.....water users...	...	...	...	...	...	...	...
Other water users.....water users...	...	...	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	124	117	6	1	...	...	...
Total water conveyed.....acre-feet...	313,959	291,975	(D)	(D)	...	...	...
Water delivered.....acre-feet...	270,506	253,895	(D)	(D)	...	...	...
To farm and residential users only.....organizations...	124	117	6	1	...	...	...
acre-feet...	270,506	253,895	(D)	(D)	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
From surface and ground water sources.....acre-feet...	...	...	...	...	...	...	...
From other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	1	...	1	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	114	108	5	1	...	...	...
acres served...	62,396	54,638	(D)	(D)	...	...	...
acres irrigated...	59,290	52,857	(D)	(D)	...	...	...
water delivered to farms (acre-feet)...	250,540	229,422	(D)	(D)	...	...	...
acre-feet per acre...	4.2	4.3	(D)	(D)	...	...	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	10	9	1	...	...	...	...
acres served...	14,767	13,007	1,760	...	...	...	...
acres irrigated...	14,767	13,007	1,760	...	...	...	...
water delivered to farms (acre-feet)...	26,948	24,473	2,475	...	...	...	...
acre-feet per acre...	1.8	1.9	1.4	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	105	98	6	1	...	...	...
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	331,245	264,945	(D)	(D)	...	...	...

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Green River (IV-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	124	117	6	1	...	...	...
acre-feet...	313,959	291,975	(D)	(D)	...	...	...
From another drainage basin.....organizations...	1	...	1	...	...	...	...
acre-feet...	4,038	...	(D)	...	...	...	...
From drainage basin...,.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	123	117	5	1	...	...	...
acre-feet...	309,921	291,975	(D)	(D)	...	...	...
Surface water.....organizations...	123	117	5	1	...	...	...
acre-feet...	309,921	291,975	(D)	(D)	...	...	...
Ground water.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From other organizations in the basin .....organizations receiving...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Total leaving conveyance systems.....organizations...	124	117	6	1	...	...	...
acre-feet...	313,959	291,975	(D)	(D)	...	...	...
Conveyance loss in basin.....organizations...	122	115	6	1	...	...	...
acre-feet...	43,453	38,080	(D)	(D)	...	...	...
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	124	117	6	1	...	...	...
acre-feet...	270,506	253,895	(D)	(D)	...	...	...
To farm irrigation water users.....organizations...	124	117	6	1	...	...	...
acre-feet...	270,506	253,895	(D)	(D)	...	...	...
To domestic water users.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
For other use.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Delivered to other irrigation organizations..... organizations delivering...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	4	3	(D)	(D)	...	...	...
1 to 3 water users.....organizations...	78	77	(D)	(D)	...	...	...
4 to 9 water users.....organizations...	29	26	(D)	(D)	...	...	...
10 to 29 water users.....organizations...	14	11	(D)	(D)	...	...	...
30 to 99 water users.....organizations...	...	...	...	...	...	...	...
100 to 299 water users.....organizations...	...	...	...	...	...	...	...
300 to 999 water users.....organizations...	...	...	...	...	...	...	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	1	...	(D)	(D)	...	...	...
1 to 299 acre-feet.....organizations...	11	10	(D)	(D)	...	...	...
300 to 999 acre-feet.....organizations...	46	45	(D)	(D)	...	...	...
1,000 to 2,999 acre-feet.....organizations...	40	37	(D)	(D)	...	...	...
3,000 to 9,999 acre-feet.....organizations...	21	20	(D)	(D)	...	...	...
10,000 to 29,999 acre-feet.....organizations...	6	5	(D)	(D)	...	...	...
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	1	...	(D)	(D)	...	...	...
1 to 299 acre-feet.....organizations...	9	8	(D)	(D)	...	...	...
300 to 999 acre-feet.....organizations...	39	38	(D)	(D)	...	...	...
1,000 to 2,999 acre-feet.....organizations...	46	43	(D)	(D)	...	...	...
3,000 to 9,999 acre-feet.....organizations...	23	22	(D)	(D)	...	...	...
10,000 to 29,999 acre-feet.....organizations...	7	6	(D)	(D)	...	...	...
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Gunnison River (IV-F)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	359	283	75	1	...	3	...
1949...	445	352	92	1	...	NA	...
Service area, 1959:							
Area served, as reported by organizations.....acres...	274,269	93,327	(D)	(D)	...	90,411	...
Area irrigated, as reported by organizations.....acres...	236,901	82,180	(D)	(D)	...	81,095	...
Water users served, 1959, total.....water users...	5,047	1,052	(D)	(D)	...	2,168	...
Farm irrigation water users.....water users...	4,613	1,031	(D)	(D)	...	1,868	...
Residential water users.....water users...	424	18	406	...	...	300	...
Other water users.....water users...	10	3	7	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	332	269	62	1	...	3	...
Total water conveyed.....acre-feet...	1,131,172	376,513	(D)	(D)	...	491,594	...
Water delivered.....acre-feet...	937,458	319,204	(D)	(D)	...	385,553	...
To farm and residential users only.....organizations...	325	268	56	1	...	1	...
acre-feet...	522,034	318,691	(D)	(D)	...	4,050	...
To farm and residential users and other irrigation organizations.....organizations...	6	1	5	...	...	2	...
Water to farm and residential users.....acre-feet...	383,948	213	383,735	...	...	373,729	...
Water to other irrigation organizations.....acre-feet...	30,806	300	30,506	...	...	7,774	...
To other irrigation organizations only.....organizations...	1	...	1	...	...	...	...
acre-feet...	670	...	670	...	...	...	...
Part of water from other organizations.....organizations...	12	7	5	...	...	...	...
Total water conveyed.....acre-feet...	21,427	5,637	15,790	...	...	...	...
From surface and ground water sources.....acre-feet...	16,130	4,578	11,552	...	...	...	...
From other irrigation organizations.....acre-feet...	5,297	1,059	4,238	...	...	...	...
Water delivered.....acre-feet...	18,652	4,740	13,912	...	...	...	...
To farm and residential users only.....organizations...	10	7	3	...	...	...	...
acre-feet...	10,074	4,740	5,334	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	2	...	2	...	...	...	...
Water to farm and residential users.....acre-feet...	6,168	...	6,168	...	...	...	...
Water to other irrigation organizations.....acre-feet...	2,410	...	2,410	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	8	3	5	...	...	...	...
Total water conveyed.....acre-feet...	35,095	13,562	21,533	...	...	...	...
Water delivered.....acre-feet...	32,946	12,857	20,089	...	...	...	...
To farm and residential users only.....organizations...	7	2	5	...	...	...	...
acre-feet...	25,945	5,856	20,089	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	1	1	...	...	...	...	...
Water to farm and residential users.....acre-feet...	495	495	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	6,506	6,506	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	7	4	3	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	278	223	54	1	...	3	...
acres served...	239,110	81,534	(D)	(D)	...	90,411	...
acres irrigated...	214,550	73,037	(D)	(D)	...	81,095	...
water delivered to farms (acre-feet)...	893,020	307,462	(D)	(D)	...	374,879	...
acre-feet per acre...	4.2	4.2	(D)	(D)	...	4.6	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	73	56	17	...	...	...	...
acres served...	36,159	11,793	24,366	...	...	...	...
acres irrigated...	23,351	9,143	14,208	...	...	...	...
water delivered to farms (acre-feet)...	52,257	22,162	30,095	...	...	...	...
acre-feet per acre...	2.2	2.4	2.1	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	195	155	40	...	...	2	...
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	717,818	228,331	489,487	...	...	247,250	...

See footnotes at end of table.

State Table 4.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Con.

Item (For definitions and explanations, see text)	Gunnison River (IV-F)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	352	279	72	1	...	3	...
acre-feet...	1,147,302	381,091	(D)	(D)	...	491,594	...
From another drainage basin.....organizations...	1	...	1	...	...	...	...
acre-feet...	1,292	...	1,292	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	343	276	66	1	...	3	...
acre-feet...	1,146,010	381,091	(D)	(D)	...	491,594	...
Surface water.....organizations...	341	274	66	1	...	3	...
acre-feet...	1,145,846	380,927	(D)	(D)	...	491,594	...
Ground water.....organizations...	2	2	...	...	...	...	...
acre-feet...	164	164	...	...	...	...	...
From other organizations in the basin.....organizations receiving...	20	10	10	...	...	...	...
acre-feet...	40,392	14,621	25,771	...	...	...	...
Total leaving conveyance systems.....organizations...	352	279	72	1	...	3	...
acre-feet...	1,147,302	388,906	(D)	(D)	...	483,820	...
Conveyance loss in basin.....organizations...	334	264	69	1	...	3	...
acre-feet...	194,536	58,911	(D)	(D)	...	106,041	...
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	351	279	71	1	...	3	...
acre-feet...	952,766	329,995	(D)	(D)	...	377,779	...
To farm irrigation water users.....organizations...	351	279	71	1	...	3	...
acre-feet...	945,046	329,624	(D)	(D)	...	374,879	...
To domestic water users.....organizations...	10	4	6	...	...	1	...
acre-feet...	3,618	371	3,247	...	...	2,900	...
For other use.....organizations...	5	...	5	...	...	...	...
acre-feet...	4,102	...	4,102	...	...	...	...
Delivered to other irrigation organizations.....organizations delivering...	10	2	8	...	...	2	...
acre-feet...	40,392	6,806	33,586	...	...	7,774	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	12	8	(D)	(D)	...	...	...
1 to 3 water users.....organizations...	186	182	(D)	(D)	...	...	...
4 to 9 water users.....organizations...	108	83	(D)	(D)	...	...	...
10 to 29 water users.....organizations...	35	9	(D)	(D)	...	...	...
30 to 99 water users.....organizations...	13	1	(D)	(D)	...	1	...
100 to 299 water users.....organizations...	4	...	(D)	(D)	...	1	...
300 to 999 water users.....organizations...	1	...	(D)	(D)	...	...	...
1,000 or more water users.....organizations...	...	...	...	...	...	1	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	8	4	(D)	(D)	...	...	...
1 to 299 acre-feet.....organizations...	101	94	(D)	(D)	...	...	...
300 to 999 acre-feet.....organizations...	105	87	(D)	(D)	...	...	...
1,000 to 2,999 acre-feet.....organizations...	86	67	(D)	(D)	...	...	...
3,000 to 9,999 acre-feet.....organizations...	49	31	(D)	(D)	...	1	...
10,000 to 29,999 acre-feet.....organizations...	9	...	(D)	(D)	...	1	...
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	1	...	(D)	(D)	...	1	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	7	4	(D)	(D)	...	...	...
1 to 299 acre-feet.....organizations...	94	88	(D)	(D)	...	...	...
300 to 999 acre-feet.....organizations...	99	82	(D)	(D)	...	...	...
1,000 to 2,999 acre-feet.....organizations...	85	66	(D)	(D)	...	1	...
3,000 to 9,999 acre-feet.....organizations...	61	42	(D)	(D)	...	1	...
10,000 to 29,999 acre-feet.....organizations...	12	1	(D)	(D)	...	...	...
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	1	...	(D)	(D)	...	1	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Rio Grande above Fort Quitman, Texas (V-C)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	203	124	75	3	1	...	...
1949...	304	204	93	5	1	NA	1
Service area, 1959:							
Area served, as reported by organizations.....acres...	573,350	94,377	440,913	38,060	...	...	...
Area irrigated, as reported by organizations.....acres...	419,622	76,603	304,959	38,060	...	...	...
Water users served, 1959, total.....water users...	3,425	627	2,609	189	...	...	...
Farm irrigation water users.....water users...	3,278	627	2,462	189	...	...	...
Residential water users.....water users...	147	...	147	...	...	...	...
Other water users.....water users...	...	...	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	183	116	65	2	...	...	...
Total water conveyed.....acre-feet...	679,547	154,182	500,449	24,916	...	...	...
Water delivered.....acre-feet...	551,414	137,337	391,974	22,103	...	...	...
To farm and residential users only.....organizations...	171	115	54	2	...	...	...
acre-feet...	423,491	135,194	266,194	22,103	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	11	1	10	...	...	...	...
Water to farm and residential users.....acre-feet...	71,747	2,048	69,699	...	...	...	...
Water to other irrigation organizations.....acre-feet...	34,982	95	34,887	...	...	...	...
To other irrigation organizations only.....organizations...	1	...	1	...	...	...	...
acre-feet...	21,194	...	21,194	...	...	...	...
Part of water from other organizations.....organizations...	5	1	4	...	...	...	...
Total water conveyed.....acre-feet...	37,318	1,350	35,968	...	...	...	...
From surface and ground water sources.....acre-feet...	13,495	975	12,520	...	...	...	...
From other irrigation organizations.....acre-feet...	23,823	375	23,448	...	...	...	...
Water delivered.....acre-feet...	34,079	1,200	32,879	...	...	...	...
To farm and residential users only.....organizations...	5	1	4	...	...	...	...
acre-feet...	34,079	1,200	32,879	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	12	7	5	...	...	...	...
Total water conveyed.....acre-feet...	32,353	10,226	22,127	...	...	...	...
Water delivered.....acre-feet...	26,426	9,047	17,379	...	...	...	...
To farm and residential users only.....organizations...	12	7	5	...	...	...	...
acre-feet...	26,426	9,047	17,379	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	3	...	1	1	1	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	134	80	52	2	...	...	...
acres served...	347,810	39,029	270,721	38,060	...	...	...
acres irrigated...	296,654	34,658	223,936	38,060	...	...	...
water delivered to farms (acre-feet)...	382,120	86,538	273,479	22,103	...	...	...
acre-feet per acre...	1.3	2.5	1.2	0.6	...	...	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	65	44	21	...	...	...	...
acres served...	225,540	55,348	170,192	...	...	...	...
acres irrigated...	122,968	41,945	81,023	...	...	...	...
water delivered to farms (acre-feet)...	171,973	60,951	111,022	...	...	...	...
acre-feet per acre...	1.4	1.5	1.4	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	104	66	35	2	1	...	...
By U. S. B. R.....dollars...	2,322,000	...	...	...	2,322,000	...	...
By water users organizations.....dollars...	674,833	80,863	353,970	240,000	...	...	...

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Rio Grande above Fort Quitman, Texas (V-C)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	200	124	74	2	...	...	...
acre-feet...	693,042	155,157	512,969	24,916	...	...	...
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	188	117	69	2	...	...	...
acre-feet...	693,042	155,157	512,969	24,916	...	...	...
Surface water.....organizations...	184	115	67	2	...	...	...
acre-feet...	677,934	150,997	502,021	24,916	...	...	...
Ground water.....organizations...	9	5	4	...	...	...	...
acre-feet...	15,108	4,160	10,948	...	...	...	...
From other organizations in the basin.....organizations receiving...	17	8	9	...	...	...	...
acre-feet...	56,176	10,601	45,575	...	...	...	...
Total leaving conveyance systems.....organizations...	200	124	74	2	...	...	...
acre-feet...	693,042	165,663	502,463	24,916	...	...	...
Conveyance loss in basin.....organizations...	185	111	72	2	...	...	...
acre-feet...	137,299	18,174	116,312	2,813	...	...	...
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	199	124	73	2	...	...	...
acre-feet...	555,743	147,489	386,151	22,103	...	...	...
To farm irrigation water users.....organizations...	199	124	73	2	...	...	...
acre-feet...	554,093	147,489	384,501	22,103	...	...	...
To domestic water users.....organizations...	2	...	2	...	...	...	...
acre-feet...	1,650	...	1,650	...	...	...	...
For other use.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Delivered to other irrigation organizations.....organizations delivering...	12	1	11	...	...	...	...
acre-feet...	56,176	95	56,081	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	7	2	3	1	1	...	...
1 to 3 water users.....organizations...	62	58	4	...	...	...	...
4 to 9 water users.....organizations...	79	52	26	1	...	...	...
10 to 29 water users.....organizations...	28	11	17	...	...	...	...
30 to 99 water users.....organizations...	21	1	20	...	...	...	...
100 to 299 water users.....organizations...	5	...	4	1	...	...	...
300 to 999 water users.....organizations...	1	...	1	...	...	...	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	4	...	2	1	1	...	...
1 to 299 acre-feet.....organizations...	43	28	15	...	...	...	...
300 to 999 acre-feet.....organizations...	73	57	15	1	...	...	...
1,000 to 2,999 acre-feet.....organizations...	38	29	9	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	34	10	24	...	...	...	...
10,000 to 29,999 acre-feet.....organizations...	10	...	9	1	...	...	...
30,000 to 99,999 acre-feet.....organizations...	1	...	1	...	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	3	...	1	1	1	...	...
1 to 299 acre-feet.....organizations...	38	27	11	...	...	...	...
300 to 999 acre-feet.....organizations...	74	56	18	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	35	27	7	1	...	...	...
3,000 to 9,999 acre-feet.....organizations...	38	14	24	...	...	...	...
10,000 to 29,999 acre-feet.....organizations...	13	...	12	1	...	...	...
30,000 to 99,999 acre-feet.....organizations...	1	...	1	...	...	...	...
100,000 or more acre-feet.....organizations...	1	...	1	...	...	...	...

NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Arkansas River (VI-B)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	319	214	104	...	...	...	1
1949...	427	326	97	2	...	NA	2
Service area, 1959:							
Area served, as reported by organizations.....acres...	475,714	62,992	(D)	...	...	...	(D)
Area irrigated, as reported by organizations.....acres...	431,485	54,120	(D)	...	...	...	(D)
Water users served, 1959, total.....water users...	8,179	1,414	(D)	...	...	...	(D)
Farm irrigation water users.....water users...	6,905	977	(D)	...	...	...	(D)
Residential water users.....water users...	1,205	433	(D)	...	...	...	(D)
Other water users.....water users...	69	4	(D)	...	...	...	(D)
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	271	213	57	...	...	...	1
Total water conveyed.....acre-feet...	1,188,787	190,083	(D)	...	...	...	(D)
Water delivered.....acre-feet...	954,820	162,117	(D)	...	...	...	(D)
To farm and residential users only.....organizations...	259	211	47	...	...	...	1
acre-feet...	572,717	155,948	(D)	...	...	...	(D)
To farm and residential users and other irrigation organizations.....organizations...	12	2	10	...	...	...	...
Water to farm and residential users.....acre-feet...	229,382	753	228,629	...	...	...	...
Water to other irrigation organizations.....acre-feet...	152,721	5,416	147,305	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	2	...	2	...	...	...	...
Total water conveyed.....acre-feet...	147,735	...	147,735	...	...	...	...
From surface and ground water sources.....acre-feet...	124,558	...	124,558	...	...	...	...
From other irrigation organizations.....acre-feet...	23,177	...	23,177	...	...	...	...
Water delivered.....acre-feet...	121,175	...	121,175	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	2	...	2	...	...	...	...
Water to farm and residential users.....acre-feet...	68,229	...	68,229	...	...	...	...
Water to other irrigation organizations.....acre-feet...	52,946	...	52,946	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	44	1	43	...	...	...	...
Total water conveyed.....acre-feet...	182,490	96	182,394	...	...	...	...
Water delivered.....acre-feet...	163,203	91	163,112	...	...	...	...
To farm and residential users only.....organizations...	44	1	43	...	...	...	...
acre-feet...	163,203	91	163,112	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	2	...	2	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	294	200	93	...	...	...	1
acres served...	390,771	57,696	(D)	...	...	...	(D)
acres irrigated...	354,102	49,654	(D)	...	...	...	(D)
water delivered to farms (acre-feet)...	821,883	134,218	(D)	...	...	...	(D)
acre-feet per acre...	2.3	2.7	(D)	...	...	...	(D)
Organizations reporting water from other sources used on land served by the organization.....organizations...	23	14	9	...	...	...	...
acres served...	84,943	5,296	79,647	...	...	...	...
acres irrigated...	77,383	4,466	72,917	...	...	...	...
water delivered to farms (acre-feet)...	207,479	20,690	186,789	...	...	...	...
acre-feet per acre...	2.7	4.6	2.6	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	121	77	44	...	...	...	...
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	2,304,051	249,745	2,054,306	...	...	...	...

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Arkansas River (VI-B)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	317	214	102	...	...	...	1
acre-feet...	1,313,345	190,083	(D)	...	...	...	(D)
From another drainage basin.....organizations...	2	...	2	...	...	...	...
acre-feet...	45,528	...	45,528	...	...	...	...
From drainage basin...,.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	273	213	59	...	...	...	1
acre-feet...	1,267,817	190,083	(D)	...	...	...	(D)
Surface water.....organizations...	271	211	59	...	...	...	1
acre-feet...	1,264,822	189,348	(D)	...	...	...	(D)
Ground water.....organizations...	5	2	3	...	...	...	...
acre-feet...	2,995	735	2,260	...	...	...	...
From other organizations in the basin .....organizations receiving...	46	1	45	...	...	...	...
acre-feet...	205,667	96	205,571	...	...	...	...
Total leaving conveyance systems.....organizations...	317	214	102	...	...	...	1
acre-feet...	1,313,345	184,763	(D)	...	...	...	(D)
Conveyance loss in basin.....organizations...	293	194	98	...	...	...	1
acre-feet...	203,088	25,691	(D)	...	...	...	(D)
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	317	214	102	...	...	...	1
acre-feet...	1,110,257	159,072	(D)	...	...	...	(D)
To farm irrigation water users.....organizations...	317	214	102	...	...	...	1
acre-feet...	1,029,362	154,908	(D)	...	...	...	(D)
To domestic water users.....organizations...	14	4	10	...	...	...	...
acre-feet...	4,169	1,884	2,285	...	...	...	...
For other use.....organizations...	8	2	5	...	...	...	1
acre-feet...	76,726	2,280	(D)	...	...	...	(D)
Delivered to other irrigation organizations..... organizations delivering...	14	2	12	...	...	...	...
acre-feet...	205,667	5,416	200,251	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	3	1	(D)	...	...	...	(D)
1 to 3 water users.....organizations...	137	132	(D)	...	...	...	(D)
4 to 9 water users.....organizations...	92	71	(D)	...	...	...	(D)
10 to 29 water users.....organizations...	47	8	(D)	...	...	...	(D)
30 to 99 water users.....organizations...	23	2	(D)	...	...	...	(D)
100 to 299 water users.....organizations...	11	...	(D)	...	...	...	(D)
300 to 999 water users.....organizations...	6	...	(D)	...	...	...	(D)
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	2	...	(D)	...	...	...	(D)
1 to 299 acre-feet.....organizations...	115	109	(D)	...	...	...	(D)
300 to 999 acre-feet.....organizations...	82	71	(D)	...	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	60	27	(D)	...	...	...	(D)
3,000 to 9,999 acre-feet.....organizations...	41	5	(D)	...	...	...	(D)
10,000 to 29,999 acre-feet.....organizations...	12	2	(D)	...	...	...	(D)
30,000 to 99,999 acre-feet.....organizations...	6	...	(D)	...	...	...	(D)
100,000 or more acre-feet.....organizations...	1	...	(D)	...	...	...	(D)
Size of organization (acre-feet of water conveyed):							
None.....organizations...	2	...	(D)	...	...	...	(D)
1 to 299 acre-feet.....organizations...	104	98	(D)	...	...	...	(D)
300 to 999 acre-feet.....organizations...	74	68	(D)	...	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	71	36	(D)	...	...	...	(D)
3,000 to 9,999 acre-feet.....organizations...	44	10	(D)	...	...	...	(D)
10,000 to 29,999 acre-feet.....organizations...	14	2	(D)	...	...	...	(D)
30,000 to 99,999 acre-feet.....organizations...	8	...	(D)	...	...	...	(D)
100,000 or more acre-feet.....organizations...	2	...	(D)	...	...	...	(D)

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Platte River excluding South Platte River (VI-D)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	71	66	4	...	...	...	1
1949...	81	78	...	...	...	NA	3
Service area, 1959:							
Area served, as reported by organizations.....acres...	65,265	58,165	7,100	...	...	...	...
Area irrigated, as reported by organizations.....acres...	64,865	57,765	7,100	...	...	...	...
Water users served, 1959, total.....water users...	169	159	10	...	...	...	...
Farm irrigation water users:.....water users...	169	159	10	...	...	...	...
Residential water users.....water users...	...	...	...	...	...	...	...
Other water users.....water users...	...	...	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	70	66	3	...	...	...	1
Total water conveyed.....acre-feet...	355,057	290,188	(D)	...	...	...	(D)
Water delivered.....acre-feet...	280,019	243,499	36,520	...	...	...	...
To farm and residential users only.....organizations...	68	66	2	...	...	...	...
acre-feet...	280,019	243,499	36,520	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	1	...	1	...	...	...	...
Total water conveyed.....acre-feet...	1,575	...	1,575	...	...	...	...
From surface and ground water sources.....acre-feet...	1,575	...	1,575	...	...	...	...
From other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	1	...	1	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	62	60	2	...	...	...	...
acres served...	58,925	51,825	7,100	...	...	...	...
acres irrigated...	58,525	51,425	7,100	...	...	...	...
water delivered to farms (acre-feet)...	260,683	224,163	36,520	...	...	...	...
acre-feet per acre...	4.4	4.3	5.1	...	...	...	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	7	6	1	...	...	...	...
acres served...	34,000	6,340	27,660	...	...	...	...
acres irrigated...	33,340	6,340	27,000	...	...	...	...
water delivered to farms (acre-feet)...	58,060	19,336	38,724	...	...	...	...
acre-feet per acre...	1.7	3.0	1.4	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	35	33	1	...	...	...	1
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	64,605	38,590	(D)	...	...	...	(D)

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Platte River excluding South Platte River (VI-D)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	71	66	4	...	...	...	1
acre-feet...	356,632	290,188	(D)	...	...	...	(D)
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	71	66	4	...	...	...	1
acre-feet...	356,632	290,188	(D)	...	...	...	(D)
Surface water.....organizations...	71	66	4	...	...	...	1
acre-feet...	356,632	290,188	(D)	...	...	...	(D)
Ground water.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From other organizations in the basin.....organizations receiving...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Total leaving conveyance systems.....organizations...	71	66	4	...	...	...	1
acre-feet...	356,632	290,188	(D)	...	...	...	(D)
Conveyance loss in basin.....organizations...	66	64	2	...	...	...	...
acre-feet...	54,649	46,689	7,960	...	...	...	...
Conveyed to another drainage basin.....organizations...	3	...	2	...	...	...	1
acre-feet...	21,964	...	(D)	...	...	...	(D)
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	68	66	2	...	...	...	...
acre-feet...	280,019	243,499	36,520	...	...	...	...
To farm irrigation water users.....organizations...	68	66	2	...	...	...	...
acre-feet...	280,019	243,499	36,520	...	...	...	...
To domestic water users.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
For other use.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Delivered to other irrigation organizations.....organizations delivering...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	2	...	(D)	...	...	...	(D)
1 to 3 water users.....organizations...	64	63	(D)	...	...	...	(D)
4 to 9 water users.....organizations...	4	3	(D)	...	...	...	(D)
10 to 29 water users.....organizations...	...	...	...	...	...	...	...
30 to 99 water users.....organizations...	...	...	...	...	...	...	...
100 to 299 water users.....organizations...	1	...	(D)	...	...	...	(D)
300 to 999 water users.....organizations...	...	...	...	...	...	...	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	2	...	(D)	...	...	...	(D)
1 to 299 acre-feet.....organizations...	2	2	(D)	...	...	...	(D)
300 to 999 acre-feet.....organizations...	6	6	(D)	...	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	30	30	(D)	...	...	...	(D)
3,000 to 9,999 acre-feet.....organizations...	25	25	(D)	...	...	...	(D)
10,000 to 29,999 acre-feet.....organizations...	5	3	(D)	...	...	...	(D)
30,000 to 99,999 acre-feet.....organizations...	1	...	(D)	...	...	...	(D)
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	2	...	(D)	...	...	...	(D)
1 to 299 acre-feet.....organizations...	1	1	(D)	...	...	...	(D)
300 to 999 acre-feet.....organizations...	6	6	(D)	...	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	25	25	(D)	...	...	...	(D)
3,000 to 9,999 acre-feet.....organizations...	29	29	(D)	...	...	...	(D)
10,000 to 29,999 acre-feet.....organizations...	7	5	(D)	...	...	...	(D)
30,000 to 99,999 acre-feet.....organizations...	1	...	(D)	...	...	...	(D)
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	South Platte River above Gaging Station near Paxton, Nebraska (VI-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	409	101	294	6	1	1	7
1949...	452	124	314	5	1	NA	8
Service area, 1959:							
Area served, as reported by organizations.....acres...	1,138,844	62,491	942,004	115,091	...	(D)	19,258
Area irrigated, as reported by organizations.....acres...	1,059,057	59,072	880,676	105,897	...	(D)	13,412
Water users served, 1959, total.....water users...	16,175	1,397	12,310	894	...	(D)	1,574
Farm irrigation water users.....water users...	12,520	896	10,212	887	...	(D)	525
Residential water users.....water users...	3,602	492	2,063	5	...	...	1,042
Other water users.....water users...	53	9	35	2	...	(D)	7
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	231	68	155	2	1	...	5
Total water conveyed.....acre-feet...	1,931,609	101,170	1,408,166	118,210	268,580	...	35,483
Water delivered.....acre-feet...	1,553,771	85,231	1,116,326	63,459	268,580	...	20,175
To farm and residential users only.....organizations...	191	65	120	2	...	...	4
acre-feet...	573,774	63,871	429,270	63,459	...	...	17,174
To farm and residential users and other irrigation organizations.....organizations...	33	2	30	...	...	...	1
Water to farm and residential users.....acre-feet...	341,430	4,610	333,924	...	...	...	2,896
Water to other irrigation organizations.....acre-feet...	234,642	11,166	223,371	...	...	...	105
To other irrigation organizations only.....organizations...	7	1	5	...	1	...	...
acre-feet...	403,925	5,584	129,761	...	268,580	...	...
Part of water from other organizations.....organizations...	43	5	35	2	...	1	1
Total water conveyed.....acre-feet...	698,744	4,198	648,203	45,813	...	(D)	530
From surface and ground water sources.....acre-feet...	232,530	1,053	460,574	[1]-228,997	...	(D)	[1]-100
From other irrigation organizations.....acre-feet...	466,214	3,145	187,629	274,810	...	(D)	630
Water delivered.....acre-feet...	604,713	3,890	566,047	34,376	...	(D)	400
To farm and residential users only.....organizations...	25	5	19	...	...	...	1
acre-feet...	149,191	3,890	144,901	...	...	...	400
To farm and residential users and other irrigation organizations.....organizations...	15	...	13	2	...	1	...
Water to farm and residential users.....acre-feet...	193,689	...	179,430	14,259	...	(D)	...
Water to other irrigation organizations.....acre-feet...	233,157	...	213,040	20,117	...	(D)	...
To other irrigation organizations only.....organizations...	2	...	2	...	...	...	...
acre-feet...	28,676	...	28,676	...	...	...	...
All of water from other organizations.....organizations...	128	28	99	1	...	...	...
Total water conveyed.....acre-feet...	491,862	31,926	407,106	52,830	...	...	...
Water delivered.....acre-feet...	434,771	28,321	377,432	29,018	...	...	...
To farm and residential users only.....organizations...	113	26	86	1	...	...	...
acre-feet...	313,036	20,350	263,668	29,018	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	15	2	13	...	...	...	...
Water to farm and residential users.....acre-feet...	65,976	6,889	59,087	...	...	...	...
Water to other irrigation organizations.....acre-feet...	55,759	1,082	54,677	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	7	...	5	1	...	...	1
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	195	53	137	4	...	1	4
acres served...	464,479	30,983	339,449	93,647	...	(D)	19,558
acres irrigated...	430,430	29,852	314,985	85,193	...	(D)	10,112
water delivered to farms (acre-feet)...	710,789	53,293	579,438	77,708	...	(D)	9,637
acre-feet per acre...	1.6	1.8	1.8	0.9	...	(D)	1.0
Organizations reporting water from other sources used on land served by the organization.....organizations...	192	46	144	1	...	...	2
acres served...	657,327	31,508	604,275	21,444	...	...	3,300
acres irrigated...	617,435	29,220	567,411	20,704	...	...	3,300
water delivered to farms (acre-feet)...	893,437	41,907	822,262	29,018	...	...	3,230
acre-feet per acre...	1.4	1.4	1.4	1.4	...	...	1.0
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	101	19	76	2	1	1	3
By U. S. B. R.....dollars...	29,905,197	...	...	13,410,358	16,494,839	(D)	...
By water users organizations.....dollars...	2,122,674	64,214	1,743,252	235,688	...	234,688	79,520

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	South Platte River above Gaging Station near Paxton, Nebraska (VI-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	404	101	290	5	1	1	7
acre-feet...	2,166,056	102,223	1,870,657	[1]-110,787	268,580	(D)	35,383
From another drainage basin.....organizations...	5	...	3	...	1	...	1
acre-feet...	309,145	...	38,464	...	268,580	...	2,101
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	275	73	191	4	...	1	7
acre-feet...	1,856,911	102,223	1,832,193	[1]-110,787	...	(D)	33,282
Surface water.....organizations...	274	72	191	4	...	1	7
acre-feet...	1,844,421	102,073	1,823,493	[1]-110,787	...	(D)	29,642
Ground water.....organizations...	6	1	3	...	...	...	2
acre-feet...	12,490	150	8,700	...	...	...	3,640
From other organizations in the basin.....organizations receiving...	171	33	134	3	...	1	1
acre-feet...	956,159	35,071	592,818	327,640	...	(D)	630
Total leaving conveyance systems.....organizations...	404	101	290	5	1	1	7
acre-feet...	2,166,056	119,462	1,813,950	196,726	...	(D)	35,908
Conveyance loss in basin.....organizations...	346	96	238	5	...	1	7
acre-feet...	464,282	17,391	348,229	88,862	...	(D)	9,800
Conveyed to another drainage basin.....organizations...	1	...	1	...	...	...	...
acre-feet...	3,492	...	3,492	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	394	101	282	5	...	1	6
acre-feet...	1,698,282	102,071	1,462,229	107,864	...	(D)	26,108
To farm irrigation water users.....organizations...	389	99	279	5	...	1	6
acre-feet...	1,613,641	95,200	1,398,848	106,726	...	(D)	12,867
To domestic water users.....organizations...	75	24	46	1	...	...	4
acre-feet...	23,455	4,410	11,432	10	...	...	7,603
For other use.....organizations...	31	5	21	2	...	1	3
acre-feet...	61,186	2,461	51,949	1,138	...	(D)	5,638
Delivered to other irrigation organizations..... organizations delivering...	72	5	63	2	1	1	1
acre-feet...	956,159	17,832	649,525	20,117	268,580	(D)	105
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	22	4	15	1	1	(D)	1
1 to 3 water users.....organizations...	56	42	13	...	...	(D)	1
4 to 9 water users.....organizations...	94	32	61	...	...	(D)	1
10 to 29 water users.....organizations...	134	15	115	1	...	(D)	3
30 to 99 water users.....organizations...	74	8	66	...	...	(D)	...
100 to 299 water users.....organizations...	24	...	21	3	...	(D)	...
300 to 999 water users.....organizations...	5	...	3	1	...	(D)	1
1,000 or more water users.....organizations...	...	...	...	...	...	(D)	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	20	2	15	1	1	(D)	1
1 to 299 acre-feet.....organizations...	53	33	19	...	...	(D)	1
300 to 999 acre-feet.....organizations...	76	30	44	...	...	(D)	2
1,000 to 2,999 acre-feet.....organizations...	120	32	86	1	...	(D)	1
3,000 to 9,999 acre-feet.....organizations...	101	4	95	...	...	(D)	2
10,000 to 29,999 acre-feet.....organizations...	32	...	29	3	...	(D)	...
30,000 to 99,999 acre-feet.....organizations...	7	...	6	1	...	(D)	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	(D)	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	8	...	6	1	...	(D)	1
1 to 299 acre-feet.....organizations...	41	28	13	...	...	(D)	...
300 to 999 acre-feet.....organizations...	69	31	37	...	...	(D)	1
1,000 to 2,999 acre-feet.....organizations...	110	31	79	...	...	(D)	...
3,000 to 9,999 acre-feet.....organizations...	117	10	103	...	...	(D)	4
10,000 to 29,999 acre-feet.....organizations...	41	1	37	2	...	(D)	1
30,000 to 99,999 acre-feet.....organizations...	21	...	18	3	...	(D)	...
100,000 or more acre-feet.....organizations...	2	...	1	...	1	(D)	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.
[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 5.—NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT,

	Item (For definitions and explanations, see text)	Colorado, total				Colorado River direct, Plateau Creek, Roaring Fork, Eagle River, Blue River, Muddy Creek, and Frazer River (IV-D-1, 5-10)			
		Size of organization, by total water conveyed							
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations.....organizations...	906	858	161	8	135	125	25	3
	TYPE OF SERVICE								
2	All water directly from surface and ground sources.....organizations...	795	686	124	7	114	115	20	3
3	Total water conveyed.....acre-feet...	321,357	2,278,882	2,931,087	1,758,272	54,279	337,600	314,628	828,687
4	Water delivered.....acre-feet...	285,931	1,944,145	2,329,497	1,392,482	48,888	293,190	226,507	427,407
5	To farm and residential users only.....organizations...	789	655	87	1	113	113	19	...
6	acre-feet...	282,256	1,810,221	1,383,165	79,702	48,312	289,769	226,507	...
7	To farm and residential users and other irrigation organizations.....organizations...	3	27	33	4	...	...	1	2
8	Water to farm and residential users.....acre-feet...	865	82,779	480,834	782,813	...	...	...	288,640
9	Water to other irrigation organizations.....acre-feet...	666	40,916	368,597	208,557	...	...	...	138,767
10	To other irrigation organizations only.....organizations...	3	4	4	2	1	2	...	1
11	acre-feet...	2,144	10,229	96,901	321,410	576	3,421	...	...
12	Part of water from other organizations.....organizations...	31	36	22	1	14	8	3	...
13	Total water conveyed.....acre-feet...	14,086	139,131	757,194	121,635	5,926	17,696	97,631	...
14	From surface and ground water sources.....acre-feet...	1,716	76,842	231,070	106,458	4,534	15,162	8,642	...
15	From other irrigation organizations.....acre-feet...	12,370	62,289	526,124	15,177	1,392	2,534	88,989	...
16	Water delivered.....acre-feet...	12,174	126,320	637,199	98,815	5,212	15,349	54,131	...
17	To farm and residential users only.....organizations...	30	29	9	...	14	8	2	...
18	acre-feet...	12,174	90,845	186,214	...	5,212	15,349	54,131	...
19	To farm and residential users and other irrigation organizations.....organizations...	...	6	12	1	...	...	1	...
20	Water to farm and residential users.....acre-feet...	...	18,280	195,437	54,369	...	...	...	...
21	Water to other irrigation organizations.....acre-feet...	...	10,895	233,172	44,446	...	...	...	...
22	To other irrigation organizations only... .....organizations...	...	1	1	...	...	...	...	...
23	acre-feet...	...	6,300	22,376	...	...	...	...	...
24	All of water from other organizations.....organizations...	54	136	15	...	5	2	2	...
25	Total water conveyed.....acre-feet...	25,281	490,016	301,137	...	857	6,525	45,987	...
26	Water delivered.....acre-feet...	21,922	439,222	255,260	...	763	5,221	35,746	...
27	To farm and residential users only.....organizations...	52	127	9	...	5	2	1	...
28	acre-feet...	21,189	395,492	142,819	...	763	5,221	7,578	...
29	To farm and residential users and other irrigation organizations.....organizations...	2	9	6	...	...	...	1	...
30	Water to farm and residential users.....acre-feet...	592	22,944	67,583	...	...	...	24,648	...
31	Water to other irrigation organizations.....acre-feet...	141	20,786	44,858	...	...	...	3,520	...
32	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...	...	...
34	No water conveyed.....organizations...	26	...	...	...	2	...	...	...
	WATER FROM OTHER SOURCES								
35	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	679	677	108	6	107	110	20	2
36	acres served...	176,825	741,556	704,577	364,511	25,931	63,382	69,508	61,295
37	acres irrigated...	131,531	667,453	649,103	334,696	22,038	59,594	67,665	60,795
38	Organizations reporting water from other sources used on land served by the organization.....organizations...	197	175	48	...	25	13	5	...
39	acres served...	78,491	348,364	632,822	...	7,731	11,658	61,152	...
40	acres irrigated...	55,258	297,708	541,021	...	6,033	10,598	57,492	...
	NEW CAPITAL INVESTMENT, 1950-1959								
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	379	414	104	6	65	75	22	3
42	dollars...	3,034,840	1,773,066	19,518,215	35,511,484	98,905	219,350	1,009,524	18,441,125
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
43	Total entering conveyance systems in basin.....organizations...	879	858	161	8	133	125	25	3
44	acre-feet...	323,073	2,355,724	3,162,157	1,864,730	58,813	352,762	323,270	828,687
45	From another drainage basin.....organizations...	...	...	1	...	...	...	...	...
46	acre-feet...	...	...	4,038	...	...	...	...	...
47	From Drainage Basin Number.....D. B. No....	...	...	...	...	...	...	...	...
48	From natural sources within basin.....organizations...	826	722	145	8	128	123	23	3
49	acre-feet...	323,073	2,355,724	3,158,119	1,864,730	58,813	352,762	323,270	828,687
50	Surface water.....organizations...	819	720	145	8	128	123	23	3
51	acre-feet...	320,803	2,348,574	3,136,365	1,864,730	58,726	352,432	323,270	828,687
52	Ground water.....organizations...	9	10	5	...	1	1	...	...
53	acre-feet...	2,270	7,150	21,754	...	87	330	...	...
54	*From other organizations in the basin* .....*organizations receiving*...	85	172	37	1	19	10	4	...
55	*acre-feet*...	37,651	552,305	827,261	15,177	2,249	9,059	134,976	...
56	Total leaving conveyance systems.....organizations...	879	858	161	8	133	125	25	3
57	acre-feet...	357,773	2,818,903	3,223,514	1,305,494	60,486	358,400	454,726	689,920
58	Conveyance loss in basin.....organizations...	801	813	146	7	124	124	21	2
59	acre-feet...	39,498	367,346	640,477	386,610	6,199	46,503	77,733	132,700
60	Conveyed to another drainage basin.....organizations...	1	...	3	...	...	1	3	1
61	acre-feet...	242	...	15,185	...	...	1,292	64,129	268,580
62	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...
63	Delivered for use in the basin.....organizations...	876	853	156	8	132	123	22	2
64	acre-feet...	318,033	2,451,557	2,567,852	918,884	54,287	310,605	312,864	288,640
65	To farm irrigation water users.....organizations...	875	851	156	6	132	123	22	2
66	acre-feet...	311,192	2,398,594	2,436,129	797,184	52,606	307,397	299,881	171,840
67	To residential water users.....organizations...	57	50	20	3	11	5	3	2
68	acre-feet...	5,884	21,967	19,923	119,700	1,681	2,942	12,983	116,800
69	For other use.....organizations...	5	25	19	1	...	1	...	...
70	acre-feet...	957	30,996	111,800	2,000	...	266	...	...
71	*Delivered to other irrigation organizations* ..... *organizations delivering*...	8	47	56	7	1	2	1	2
72	*acre-feet* ...	2,951	89,126	765,904	574,413	576	3,421	3,520	138,767
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959								
	Per acre irrigated, as reported by irrigation organization:								
73	All organizations.....acre-feet...	1.7	2.5	2.0	2.3	1.9	4.5	4.7	2.8
74	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	679	677	108	6	107	110	20	2
75	acre-feet...	1.9	2.8	2.4	2.4	1.9	4.7	3.9	2.8

AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959

San Juan and Dolores Rivers (IV-D-2, 4)				Green River (IV-E)				Gunnison River (IV-F)			
Size of organization, by total water conveyed											
0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000 or more acre-feet	
101	48	14	...	49	69	7	...	200	146	13	1
95	44	13	...	48	69	7	...	187	133	12	2
37,163	131,628	300,191	...	27,117	206,675	80,167	...	69,235	418,437	643,500	3
32,206	110,773	256,568	...	24,028	175,539	70,939	...	61,861	364,965	510,632	4
93	44	11	...	48	69	7	...	185	131	9	5
30,655	110,773	198,259	...	24,028	175,539	70,939	...	60,678	353,787	107,569	6
1	...	2	...	...	...	...	...	1	2	3	7
383	...	31,761	...	...	...	...	...	213	8,634	375,101	8
270	...	26,548	...	...	...	...	...	300	2,544	27,962	9
1	...	...	...	...	...	...	...	1	...	...	10
898	...	...	...	...	...	...	...	670	...	...	11
3	...	1	...	...	...	...	...	4	8	...	12
1,693	...	22,477	...	...	...	...	...	1,069	20,358	...	13
525	...	17,194	...	...	...	...	...	746	15,384	...	14
1,168	...	5,283	...	...	...	...	...	323	4,974	...	15
1,403	...	19,794	...	...	...	...	...	1,010	17,642	...	16
3	...	1	...	...	...	...	...	4	6	...	17
1,403	...	19,794	...	...	...	...	...	1,010	9,064	...	18
...	...	...	...	...	...	...	...	...	2	...	19
...	...	...	...	...	...	...	...	...	6,168	...	20
...	...	...	...	...	...	...	...	...	2,410	...	21
...	...	...	...	...	...	...	...	...	...	...	22
...	...	...	...	...	...	...	...	...	...	...	23
...	4	...	...	...	...	...	...	2	5	1	24
...	21,265	...	...	...	...	...	...	982	20,981	13,132	25
...	17,328	...	...	...	...	...	...	918	20,209	11,819	26
...	4	...	...	...	...	...	...	2	4	1	27
...	17,328	...	...	...	...	...	...	918	13,208	11,819	28
...	...	...	...	...	...	...	...	...	1	...	29
...	...	...	...	...	...	...	...	...	495	...	30
...	...	...	...	...	...	...	...	...	6,506	...	31
...	...	...	...	...	...	...	...	...	...	...	32
...	...	...	...	...	...	...	...	...	...	...	33
3	...	...	...	1	...	...	...	7	...	...	34
88	48	13	...	44	64	6	...	132	134	12	35
36,533	51,739	103,409	...	8,678	37,874	15,844	...	31,079	92,751	115,280	36
19,409	44,934	88,462	...	7,918	35,528	15,844	...	22,617	86,993	104,940	37
9	...	1	...	4	5	1	...	60	12	1	38
2,020	...	8,000	...	807	3,960	10,000	...	18,430	13,629	4,100	39
1,920	...	8,000	...	807	3,960	10,000	...	10,734	10,617	2,000	40
42	26	12	...	39	61	5	...	101	85	9	41
63,474	263,208	1,297,496	...	51,667	226,738	52,840	...	178,097	189,248	350,473	42
99	47	14	...	48	69	7	...	193	146	13	43
37,690	131,626	317,385	...	27,117	206,675	80,167	...	69,981	433,821	643,500	44
...	...	...	...	...	...	1	...	...	1	...	45
...	...	...	...	...	...	4,038	...	...	1,292	...	46
...	...	...	...	...	...	...	...	...	...	...	47
99	43	14	...	48	69	6	...	191	140	12	48
37,690	131,626	317,385	...	27,117	206,675	76,129	...	69,981	432,529	643,500	49
99	43	14	...	48	69	6	...	189	140	12	50
37,690	131,626	317,385	...	27,117	206,675	76,129	...	69,817	432,529	643,500	51
...	...	...	...	...	...	...	...	2	...	...	52
...	...	...	...	...	...	...	...	164	...	...	53
3	4	1	...	...	...	...	...	6	13	1	54
1,168	21,265	5,283	...	...	...	...	...	1,305	25,955	13,132	55
99	47	14	...	48	69	7	...	193	146	13	56
37,690	152,891	296,120	...	27,117	206,675	80,167	...	70,316	448,316	628,670	57
93	42	13	...	47	68	7	...	179	143	12	58
4,474	24,790	41,705	...	3,089	31,136	9,228	...	7,495	55,760	131,281	59
1	...	1	...	...	...	...	...	...	...	...	60
242	...	1,661	...	...	...	...	...	...	...	...	61
...	...	...	...	...	...	...	...	...	...	...	62
98	47	14	...	48	69	7	...	192	146	13	63
32,974	128,101	252,754	...	24,028	175,539	70,939	...	62,821	392,556	497,389	64
98	47	14	...	48	69	7	...	192	146	13	65
32,326	128,080	249,774	...	24,028	175,539	70,939	...	62,775	390,982	491,289	66
5	2	1	...	...	...	...	...	5	3	2	67
115	21	40	...	...	...	...	...	44	374	3,200	68
2	...	3	...	...	...	...	...	1	2	2	69
533	...	2,940	...	...	...	...	...	2	1,200	2,900	70
2	...	2	...	...	...	...	...	2	5	3	71
1,168	...	26,548	...	...	...	...	...	970	11,460	27,962	72
1.5	2.8	2.6	...	2.7	4.4	3.0	...	1.9	4.0	4.6	73
88	48	13	...	44	64	6	...	132	134	12	74
1.5	2.8	2.6	...	2.7	4.5	4.3	...	0.9	4.2	4.6	75

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	Rio Grande above Fort Quitman, Texas (V-C)			Arkansas River (VI-B)		
		Size of organization, by total water conveyed					
		0-999 acre-feet	1,000-9,999 acre-feet	10,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000 or more acre-feet
1	Number of organizations.....organizations...	115	73	15	180	115	24
	TYPE OF SERVICE						
2	All water directly from surface and ground sources.....organizations...	106	63	14	175	77	19
3	Total water conveyed.....acre-feet...	46,306	237,016	396,225	56,848	250,513	881,426
4	Water delivered.....acre-feet...	41,191	209,251	300,972	50,622	211,695	692,503
5	To farm and residential users only.....organizations...	106	57	8	174	72	13
6	acre-feet...	41,191	188,631	193,669	50,257	180,100	342,360
7	To farm and residential users and other irrigation organizations.....organizations...	...	6	5	1	5	6
8	Water to farm and residential users.....acre-feet...	...	14,596	57,151	269	16,285	212,828
9	Water to other irrigation organizations.....acre-feet...	...	6,024	28,958	96	15,310	137,315
10	To other irrigation organizations only.....organizations...	...	...	1	...	...	...
11	acre-feet...	...	...	21,194	...	...	...
12	Part of water from other organizations.....organizations...	1	3	1	...	...	2
13	Total water conveyed.....acre-feet...	857	13,202	23,259	...	...	147,735
14	From surface and ground water sources.....acre-feet...	420	9,897	3,178	...	...	124,558
15	From other irrigation organizations.....acre-feet...	437	3,305	20,081	...	...	23,177
16	Water delivered.....acre-feet...	620	11,424	22,035	...	...	121,175
17	To farm and residential users only.....organizations...	1	3	1	...	...	...
18	acre-feet...	620	11,424	22,035	...	...	...
19	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	2
20	Water to farm and residential users.....acre-feet...	...	...	...	...	...	68,229
21	Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	52,946
22	To other irrigation organizations only.....organizations...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...
24	All of water from other organizations.....organizations...	5	7	...	3	38	3
25	Total water conveyed.....acre-feet...	3,221	29,132	...	1,601	140,302	40,587
26	Water delivered.....acre-feet...	2,532	23,894	...	1,383	125,751	36,069
27	To farm and residential users only.....organizations...	5	7	...	3	38	3
28	acre-feet...	2,532	23,894	...	1,383	125,751	36,069
29	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...
30	Water to farm and residential users.....acre-feet...	...	...	...	...	...	...
31	Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...
32	To other irrigation organizations only.....organizations...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...
34	No water conveyed.....organizations...	3	...	...	2	...	...
	WATER FROM OTHER SOURCES						
35	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	79	45	10	166	109	19
36	acres served...	27,225	78,139	242,446	31,470	160,441	198,860
37	acres irrigated...	21,279	69,059	206,316	23,693	134,200	196,209
38	Organizations reporting water from other sources used on land served by the organization.....organizations...	33	28	4	12	6	5
39	acres served...	24,669	94,158	106,713	5,173	6,440	73,330
40	acres irrigated...	15,070	60,916	46,982	2,513	4,840	70,030
	NEW CAPITAL INVESTMENT, 1950-1959						
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	47	44	13	66	41	14
42	dollars...	2,512,450	123,377	361,006	79,605	305,096	1,919,350
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959						
43	Total entering conveyance systems in basin.....organizations...	112	73	15	178	115	24
44	acre-feet...	46,726	246,913	399,403	56,848	250,513	1,005,984
45	From another drainage basin.....organizations...	...	...	...	...	...	2
46	acre-feet...	...	...	...	...	...	45,528
47	From Drainage Basin number.....D. B. No....	...	...	...	...	...	...
48	From natural sources within basin.....organizations...	107	66	15	175	77	21
49	acre-feet...	46,726	246,913	399,403	56,848	250,513	960,456
50	Surface water.....organizations...	105	64	15	173	77	21
51	acre-feet...	45,992	241,853	390,089	55,713	250,153	958,956
52	Ground water.....organizations...	2	6	1	3	1	1
53	acre-feet...	734	5,060	9,314	1,135	360	1,500
54	*From other organizations in the basin*.....*organizations receiving*...	6	10	1	3	38	5
55	*acre-feet*...	3,658	32,437	20,081	1,601	140,302	63,764
56	Total leaving conveyance systems.....organizations...	112	73	15	178	115	24
57	acre-feet...	50,384	273,326	369,332	58,353	375,505	879,487
58	Conveyance loss in basin.....organizations...	100	70	15	156	114	23
59	acre-feet...	6,041	34,781	96,477	6,444	51,235	145,409
60	Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...
61	acre-feet...	...	...	...	...	...	...
62	To drainage basin number.....D. B. No....	...	...	...	...	...	...
63	Delivered for use in the basin.....organizations...	112	73	14	178	115	24
64	acre-feet...	44,343	238,545	272,855	51,909	324,270	734,078
65	To farm irrigation water users.....organizations...	112	73	14	178	115	24
66	acre-feet...	44,343	238,395	271,355	51,736	321,035	656,591
67	To residential water users.....organizations...	...	1	1	5	4	5
68	acre-feet...	...	150	1,500	173	1,101	2,895
69	For other use.....organizations...	...	...	...	...	2	6
70	acre-feet...	...	...	...	...	2,134	74,592
71	*Delivered to other irrigation organizations*.....*organizations delivering*...	...	6	6	1	5	8
72	*acre-feet*...	...	6,024	50,152	96	15,310	190,261
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959						
	Per acre irrigated, as reported by irrigation organization:						
73	All organizations.....acre-feet...	1.2	1.8	1.1	2.0	2.3	2.5
74	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	79	45	10	166	109	19
75	acre-feet...	1.4	2.1	1.0	1.9	2.2	2.4

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	Platte River excluding South Platte River (VI-D)				South Platte River above Gaging Station near Parton, Nebraska (VI-E)		
		Size of organization, by total water conveyed						
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000 or more acre-feet
1	Number of organizations....organizations...	9	54	8	...	118	227	64
	TYPE OF SERVICE							
2	All water directly from surface and ground sources....organizations...	9	54	7	...	63	130	38
3	Total water conveyed....acre-feet...	23,937	224,540	106,580	...	26,861	465,885	1,438,863
4	Water delivered....acre-feet...	3,216	190,748	86,055	...	23,919	381,040	1,148,812
5	To farm and residential users only....organizations...	7	54	7	...	63	114	14
6	acre-feet...	3,216	190,748	86,055	...	23,919	313,930	235,925
7	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...	...	14	19
8	Water to farm and residential users....acre-feet...	...	...	...	...	...	43,264	298,166
9	Water to other irrigation organizations....acre-feet...	...	...	...	...	...	17,038	217,604
10	To other irrigation organizations only....organizations...	...	...	...	...	...	2	5
11	acre-feet...	...	...	...	...	...	6,808	397,117
12	Part of water from other organizations....organizations...	...	...	1	...	9	17	17
13	Total water conveyed....acre-feet...	...	...	1,575	...	4,541	87,875	606,328
14	From surface and ground water sources....acre-feet...	...	...	1,575	...	[1]4,509	36,399	200,640
15	From other irrigation organizations....acre-feet...	...	...	...	...	9,050	51,476	405,688
16	Water delivered....acre-feet...	...	...	...	...	3,929	81,905	518,879
17	To farm and residential users only....organizations...	...	...	...	...	8	12	5
18	acre-feet...	...	...	...	...	3,929	55,008	90,254
19	To farm and residential users and other irrigation organizations....organizations...	...	...	1	...	...	4	11
20	Water to farm and residential users....acre-feet...	...	...	...	...	...	12,112	181,577
21	Water to other irrigation organizations....acre-feet...	...	...	...	...	...	8,485	224,672
22	To other irrigation organizations only....organizations...	...	...	...	...	...	1	1
23	acre-feet...	...	...	...	...	...	6,300	22,376
24	All of water from other organizations....organizations...	...	...	...	...	39	80	9
25	Total water conveyed....acre-feet...	...	...	...	...	18,620	271,811	201,431
26	Water delivered....acre-feet...	...	...	...	...	16,326	246,819	171,626
27	To farm and residential users only....organizations...	...	...	...	...	37	72	4
28	acre-feet...	...	...	...	...	15,593	210,090	87,353
29	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...	2	8	5
30	Water to farm and residential users....acre-feet...	...	...	...	...	592	22,449	42,935
31	Water to other irrigation organizations....acre-feet...	...	...	...	...	141	14,280	41,338
32	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...	...
34	No water conveyed....organizations...	...	...	...	...	7	...	...
	WATER FROM OTHER SOURCES							
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	6	49	7	...	57	116	25
36	acres served...	1,240	40,425	17,260	...	14,669	214,065	251,303
37	acres irrigated...	1,240	40,025	17,260	...	13,337	194,380	232,425
38	Organizations reporting water from other sources used on land served by the organization....organizations...	1	5	1	...	53	107	33
39	acres served...	145	6,195	27,660	...	19,516	215,824	425,187
40	acres irrigated...	145	6,195	27,000	...	18,036	204,082	398,517
	NEW CAPITAL INVESTMENT, 1950-1959							
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	2	30	3	...	17	51	33
42	dollars...	400	49,190	15,015	...	35,242	410,759	31,581,870
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
43	Total entering conveyance systems in basin....organizations...	9	54	8	...	113	227	64
44	acre-feet...	23,937	224,540	108,155	...	22,352	502,284	1,641,420
45	From another drainage basin....organizations...	...	...	...	...	2	...	3
46	acre-feet...	...	...	...	...	20,389	...	288,756
47	From Drainage Basin number....D. B. No....	...	...	...	...	...	...	...
48	From natural sources within basin....organizations...	9	54	8	...	74	147	54
49	acre-feet...	23,937	224,540	108,155	...	1,963	502,284	1,352,664
50	Surface water....organizations...	9	54	8	...	73	147	54
51	acre-feet...	23,937	224,540	108,155	...	1,813	500,884	1,341,724
52	Ground water....organizations...	...	...	...	...	1	2	3
53	acre-feet...	...	...	...	...	150	1,400	10,940
54	*From other organizations in the basin....organizations receiving...*	...	...	...	...	48	97	26
55	*acre-feet...*	...	...	...	...	27,670	323,287	605,202
56	Total leaving conveyance systems....organizations...	9	54	8	...	113	227	64
57	acre-feet...	23,937	224,540	108,155	...	49,881	772,660	1,343,515
58	Conveyance loss in basin....organizations...	7	52	7	...	98	197	51
59	acre-feet...	332	33,792	20,525	...	5,426	88,415	370,441
60	Conveyed to another drainage basin....organizations...	2	...	1	...	...	...	1
61	acre-feet...	20,389	...	1,575	...	...	...	3,492
62	To drainage basin number....D. B. No....	...	...	...	...	...	...	...
63	Delivered for use in the basin....organizations...	7	54	7	...	110	224	60
64	acre-feet...	3,216	190,748	86,055	...	44,455	684,249	969,578
65	To farm irrigation water users....organizations...	7	54	7	...	109	222	58
66	acre-feet...	3,216	190,748	86,055	...	40,162	639,474	934,005
67	To residential water users....organizations...	...	...	...	...	31	35	9
68	acre-feet...	...	...	...	...	3,871	17,379	2,205
69	For other use....organizations...	...	...	...	...	2	20	9
70	acre-feet...	...	...	...	...	422	27,396	33,368
71	*Delivered to other irrigation organizations....organizations delivering...*	...	...	...	...	2	29	41
72	*acre-feet...*	...	...	...	...	141	52,911	903,107
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959							
	Per acre irrigated, as reported by irrigation organization:							
73	All organizations....acre-feet...	2.3	4.1	5.0	...	1.3	1.6	1.5
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	6	49	7	...	57	116	25
75	acre-feet...	2.5	4.3	5.0	...	1.5	1.7	1.6

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

IDAHO

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State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	The State	North Pacific Coast, total	Columbia River excluding Snake River (I-C)				Snake River, total	Snake River below Weiser (I-E)	
				Total	Spokane River (7)	Clark Fork (8)	Kootenai River (9)		Total	Snake River direct (1)
1	Total acres irrigated in Census year.....1959...	2,576,580	2,416,000	10,000	7,000	3,000	...	2,406,000	142,000	14,000
2	1949...	2,167,879	2,032,585	4,972	4,174	376	422	2,027,613	136,872	12,178
3	Irrigation organizations.....organizations 1959...	927	747	14	9	5	...	733	105	9
4	1949...	1,064	875	9	6	3	...	866	136	12
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	2,482,113	2,288,838	11,106	8,404	2,702	...	277,732	73,318	6,562
6	Farm area reported irrigated by organizations.....acres 1959...	2,299,457	2,123,611	7,714	6,897	817	...	2,115,897	64,384	6,542
7	Water users served, total.....water users 1959...	81,467	77,580	1,146	986	160	...	76,434	4,227	2,865
8	Farm irrigation water users.....water users 1959...	43,525	40,147	903	822	81	...	39,244	1,115	650
9	Residential water users.....water users 1959...	37,743	37,238	243	164	79	...	36,995	3,002	2,105
10	Other water users.....water users 1959...	199	195	...	...	...	...	195	110	110
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	452,898	431,000	1,000	1,000	...	...	430,000	3,000	...
12	Surface water sources.....acres...	2,123,704	1,985,000	9,000	6,000	3,000	...	1,976,000	139,000	14,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	920	739	14	9	5	...	725	105	9
14	acre-feet...	14,214,626	13,636,610	85,694	82,973	2,721	...	13,550,916	368,930	35,234
15	From another drainage basin.....organizations...	11	10	...	...	...	...	10	2	2
16	acre-feet...	140,305	145,835	...	...	...	...	145,835	26,139	26,139
17	From drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	I-F-2
18	From natural sources within basin...organizations...	783	631	11	6	5	...	620	102	7
19	acre-feet...	14,074,321	13,490,775	85,694	82,973	2,721	...	13,405,081	342,791	9,095
20	Surface water.....organizations...	734	603	10	6	4	...	593	102	7
21	acre-feet...	13,527,060	12,963,741	84,970	82,973	1,997	...	12,878,771	342,791	9,095
22	Ground water.....organizations...	69	48	1	...	1	...	47	...	...
23	acre-feet...	547,261	527,034	724	...	724	...	526,310	...	...
24	*From other organizations in the basin.....organizations receiving...*	191	161	3	3	...	...	158	4	3
25	*acre-feet...*	2,511,850	2,345,257	16,409	16,409	...	...	2,328,848	23,772	22,315
26	Total leaving conveyance systems.....organizations...	920	739	14	9	5	...	725	105	9
27	acre-feet...	14,214,626	13,636,610	85,694	82,973	2,721	...	13,550,916	368,930	35,234
28	Conveyance loss in basin.....organizations...	841	669	5	4	1	...	664	99	6
29	acre-feet...	2,948,184	2,861,742	14,720	14,480	240	...	2,847,022	68,621	3,500
30	Conveyed to another drainage basin..organizations...	12	5	2	2	...	...	3	...	...
31	acre-feet...	145,657	80,422	52,339	52,339	...	...	28,083	...	...
32	To drainage basin number.....D. B. No....	...	...	I-C-7	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	911	735	12	7	5	...	723	104	8
34	acre-feet...	11,120,785	10,694,446	18,635	16,154	2,481	...	10,675,811	300,309	31,734
35	To farm irrigation water users...organizations...	911	735	12	7	5	...	723	104	8
36	acre-feet...	10,884,661	10,460,907	17,963	16,040	1,923	...	10,442,944	290,895	27,039
37	To residential water users.....organizations...	107	94	3	1	2	...	91	7	2
38	acre-feet...	220,313	217,740	672	114	558	...	217,068	9,334	4,615
39	For other use.....organizations...	29	27	...	...	...	...	27	1	1
40	acre-feet...	15,811	15,799	...	...	...	...	15,799	80	80
41	*Delivered to other irrigation organizations..... organizations delivering...*	76	67	1	1	...	...	66	2	1
42	*acre-feet...*	2,511,850	2,345,257	16,409	16,409	...	...	2,328,848	23,772	22,315
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	4.7	4.9	2.3	2.3	2.4	...	4.9	4.5	4.1
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	382	329	8	4	4	...	321	55	6
45	dollars...	24,527,859	23,532,492	1,123,598	1,063,748	59,850	...	22,408,894	526,969	445,638

[1]101,201 acre-feet from D. B. No. I-H-1b, 60,250 acre-feet from D. B. No. I-G-1a, 13,509 acre-feet from D. B. No. I-G-2a, 93,425 acre-feet from D. B. No. I-F-3a.
[2]253,323 acre-feet from D. B. No. I-F-6, 2,160 acre-feet from D. B. No. I-F-1, 135,470 acre-feet from D. B. No. I-F-3a.
[3]24,283 acre-feet to D. B. No. I-F-1, 2,160 acre-feet to D. B. No. I-F-3a.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Snake River below Weiser (I-E)—Continued							Snake River, Weiser to King Hill (I-F)						
Salmon River										Payette River			
Total	Salmon River direct				Lemhi River	Pahsimeroi River	Total	Snake River direct	Weiser River	Total	Payette River direct	North Fork	
	Total	Below French Creek (3a)	French Creek to Salmon (3b)	Above Salmon (3c)	(3d)	(3e)		(1)	(2)		(3a)	(3b)	
128,000	63,000	15,000	14,000	34,000	47,000	18,000	611,000	167,000	35,000	114,000	87,000	27,000	1
124,694	59,201	14,355	10,321	34,525	46,814	18,679	557,812	144,180	25,797	107,355	79,396	27,959	2
96	51	10	15	26	34	11	234	31	70	67	53	14	3
124	65	11	23	31	45	15	269	42	83	74	59	16	4
66,756	34,139	8,090	5,510	20,539	24,617	8,000	606,613	133,756	37,575	125,403	93,574	31,829	5
57,842	31,087	8,072	5,270	17,745	19,860	6,895	582,622	125,827	35,088	117,576	88,716	28,860	6
1,362	1,183	176	45	962	135	44	29,935	3,734	1,967	3,376	3,182	194	7
465	292	85	45	162	129	44	16,618	2,271	571	2,438	2,244	194	8
897	891	91	...	800	6	...	13,255	1,460	1,396	928	928	...	9
...	...	...	...	...	...	...	62	3	...	10	10	...	10
3,000	1,000	...	1,000	...	1,000	1,000	28,000	10,000	1,000	3,000	2,000	1,000	11
125,000	62,000	15,000	13,000	34,000	46,000	17,000	583,000	157,000	34,000	111,000	85,000	26,000	12
96	52	10	15	27	34	11	228	40	69	65	52	13	13
333,696	197,711	19,419	32,260	146,032	96,590	41,092	3,762,588	854,633	151,384	794,495	703,346	91,149	14
...	1	...	...	1	...	...	5	13	...	2	2	...	15
...	1,697	...	...	1,697	...	...	184,960	521,708	...	137,630	137,630	...	16
...	I-E-3d	...	...	I-E-3d	...	...	...	(1)	...	...	(2)	...	17
95	50	9	15	26	34	11	203	24	68	59	46	13	18
333,696	196,014	19,419	32,260	144,335	96,590	41,092	3,577,628	332,925	151,384	656,865	565,716	91,149	19
95	50	9	15	26	34	11	201	22	68	59	46	13	20
333,696	196,014	19,419	32,260	144,335	96,590	41,092	3,534,440	322,724	151,384	656,845	565,716	91,129	21
...	...	...	...	...	...	...	6	3	...	1	...	1	22
...	...	...	...	...	...	...	43,188	10,201	...	20	...	20	23
1	1	1	...	...	...	...	55	11	13	12	12	...	24
1,457	1,457	1,457	...	...	...	...	361,603	76,616	38,174	64,429	64,429	...	25
96	52	10	15	27	34	11	228	40	69	65	52	13	26
333,696	197,711	19,419	32,260	146,032	96,590	41,092	3,762,588	854,633	151,384	794,495	703,346	91,149	27
93	51	10	15	26	33	10	200	31	64	59	47	12	28
65,121	41,132	1,617	6,199	33,316	18,753	5,236	696,477	143,199	14,699	113,912	104,885	9,027	29
...	...	...	...	...	1	...	4	3	2	5	5	...	30
...	...	...	...	...	1,697	...	50,422	26,443	26,139	93,425	93,425	...	31
...	...	...	...	...	I-E-3e	...	...	(3)	I-E-1	I-F-1	I-F-1	...	32
97	52	10	15	27	34	11	226	39	66	65	52	13	33
268,575	156,579	17,802	26,061	112,716	76,140	35,856	3,015,689	684,991	110,546	587,158	505,036	82,122	34
96	52	10	15	27	34	11	226	39	66	65	52	13	35
263,856	151,862	15,823	26,061	109,978	76,138	35,856	2,860,600	679,203	100,792	578,367	496,245	82,122	36
5	4	3	...	1	1	...	43	4	5	13	13	...	37
4,719	4,717	1,979	...	2,738	2	...	146,979	1,960	7,954	8,077	8,077	...	38
...	...	...	...	...	...	...	14	3	1	4	4	...	39
...	...	...	...	...	...	...	8,110	3,828	1,800	714	714	...	40
1	1	1	...	...	...	...	21	6	5	4	4	...	41
1,457	1,457	1,457	...	...	...	...	361,603	76,616	38,174	64,429	64,429	...	42
4.6	4.9	2.0	4.9	6.2	3.8	5.2	4.9	5.4	2.9	4.9	5.6	2.8	43
49	26	...	7	19	21	3	89	16	18	32	24	8	44
81,331	57,739	...	8,705	49,034	22,467	1,125	8,915,717	660,687	24,845	294,451	252,517	41,914	45

State Table 1.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	Snake River, Weiser to King Hill (I-F)—Continued		Snake River, King Hill to American Falls (I-G)						
					Snake River direct					
		Boise River	Bruneau River and Owyhee River	Total	Total	King Hill to Milner	Milner to American Falls	Big Wood River	Upper Salmon Falls Creek and Goose Creek	Raft River
		(6)	(5, 7)			(1a)	(1b)	(2)	(3, 4)	(5)
1	Total acres irrigated in Census year.....1959...	271,000	24,000	855,000	635,000	382,000	253,000	140,000	54,000	26,000
2	1949...	253,393	27,087	678,398	503,358	372,759	130,599	123,602	24,264	27,174
3	Irrigation organizations.....organizations 1959...	61	5	104	64	29	35	30	3	7
4	1949...	74	6	101	57	30	30	34	4	9
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	299,319	10,560	823,424	639,947	421,228	218,719	133,651	15,000	34,826
6	Farm area reported irrigated by organizations.....acres 1959...	294,426	9,705	744,437	595,265	389,100	206,165	120,359	15,000	13,813
7	Water users served, total.....water users 1959...	20,737	121	27,582	25,824	22,298	3,526	1,393	221	144
8	Farm irrigation water users.....water users 1959...	11,267	71	10,378	8,771	5,616	3,155	1,326	137	144
9	Residential water users.....water users 1959...	9,421	50	17,196	17,049	16,678	371	63	84	...
10	Other water users.....water users 1959...	49	...	8	4	4	...	4	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	11,000	3,000	211,000	146,000	73,000	73,000	16,000	29,000	20,000
12	Surface water sources.....acres...	260,000	21,000	644,000	489,000	309,000	180,000	124,000	25,000	6,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	60	5	103	64	34	34	32	3	7
14	acre-feet...	2,402,852	43,602	4,581,339	4,118,397	2,719,313	3,910,131	749,860	87,200	20,667
15	From another drainage basin.....organizations...	...	1	...	1	4	1	2	...	...
16	acre-feet...	...	10,000	...	37,110	2,545,691	2,466	357,675	...	...
17	From drainage basin number.....D. B. No....	...	I-F-5a	...	...	(1)	I-G-1a	(2)	...	...
18	From natural sources within basin...organizations...	51	4	96	58	25	34	30	3	5
19	acre-feet...	2,402,852	33,602	4,581,339	4,081,287	173,622	3,907,665	392,185	87,200	20,667
20	Surface water.....organizations...	51	4	86	49	15	34	29	3	5
21	acre-feet...	2,369,885	33,602	4,313,721	3,817,375	131,142	3,686,233	388,479	87,200	20,667
22	Ground water.....organizations...	3	...	16	12	10	2	4	...	...
23	acre-feet...	32,967	...	267,618	263,912	42,480	221,432	3,706	...	...
24	*From other organizations in the basin*.....*organizations receiving*...	19	...	10	6	6	1	2	...	2
25	*acre-feet*...	182,384	...	409,363	72,239	54,330	17,909	334,446	...	2,678
26	Total leaving conveyance systems.....organizations...	60	5	103	64	34	34	32	3	7
27	acre-feet...	2,402,852	43,602	4,581,339	4,118,397	2,719,313	3,910,131	749,860	87,200	20,667
28	Conveyance loss in basin.....organizations...	51	4	84	54	27	30	26	2	5
29	acre-feet...	418,969	5,698	1,259,233	1,018,618	757,405	261,213	231,026	8,330	1,259
30	Conveyed to another drainage basin..organizations...	6	...	3	4	4	4	1	1	...
31	acre-feet...	388,793	...	73,759	417,925	90,731	2,838,241	13,509	37,110	...
32	To drainage basin number.....D. B. No....	(4)	...	...	...	(5)	(6)	I-F-1	I-G-1a	...
33	Delivered for use in the basin.....organizations...	59	5	102	64	34	33	30	2	7
34	acre-feet...	1,595,090	37,904	3,248,347	2,681,854	1,871,177	810,677	505,325	41,760	19,408
35	To farm irrigation water users...organizations...	59	5	102	64	34	33	30	2	7
36	acre-feet...	1,464,782	37,456	3,209,758	2,657,175	1,848,346	808,829	491,655	41,520	19,408
37	To residential water users.....organizations...	22	1	16	10	5	6	5	1	...
38	acre-feet...	128,540	448	36,529	23,119	21,271	1,848	13,170	240	...
39	For other use.....organizations...	7	...	3	2	2	...	1	...	...
40	acre-feet...	1,768	...	2,060	1,560	1,560	...	500	...	...
41	*Delivered to other irrigation organizations*.....*organizations delivering*...	10	...	7	4	4	1	...	...	1
42	*acre-feet*...	182,384	..	409,363	72,239	54,330	17,909	334,446	...	2,678
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	5.0	3.9	4.3	4.5	4.8	3.9	4.1	2.9	1.4
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	26	1	41	20	12	10	21	...	1
45	dollars...	7,932,459	3,295	11,343,316	11,220,932	867,578	10,353,354	85,071	...	37,313

[1] 37,110 acre-feet from D. B. No. I-G-3, 2,508,581 acre-feet from D. B. No. I-G-1b.
[2] 28,015 acre-feet from D. B. No. I-G-1a, 329,660 acre-feet from D. B. No. I-G-2a.
[3] 1,014 acre-feet from D. B. No. V-I-C, 22,180 acre-feet from D. B. No. I-H-3b.
[4] 135,470 acre-feet to D. B. No. I-F-3a, 253,323 acre-feet to D. B. No. I-F-6.
[5] 2,466, acre-feet to D. B. No. I-G-1b, 28,015 acre-feet to D. B. No. I-G-2a, 60,250 acre-feet to D. B. No. I-F-1.
[6] 329,660 acre-feet to D. B. No. I-G-2a, 2,508,581 acre-feet to D. B. No. I-G-1a.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

Snake River above American Falls (I-H)												
Total	Snake River direct			Portneuf River and Salt River	Henrys Fork			Independent basins				
	Total	American Falls to Heise (1a)	Above Heise (1b)	(2, 4)	Total	Henrys Fork direct (3a)	Upper Teton River (3b)	Total	Big Lost River (6a)	Little Lost River (6b)	Mud Lake, Camas Creek, Medicine Lodge, and Birch Creeks (6c, 6d)	
798,000	511,000	495,000	16,000	37,000	132,000	96,000	36,000	118,000	43,000	14,000	61,000	1
654,531	390,456	382,929	7,527	35,362	140,448	102,168	38,280	88,265	36,927	10,779	40,559	2
295	122	118	4	75	71	42	29	27	5	8	14	3
366	176	170	6	67	101	52	50	24	7	8	9	4
774,377	484,484	477,504	6,980	27,493	168,639	127,206	41,433	93,761	35,855	7,195	50,711	5
724,454	448,636	442,906	5,730	25,310	163,678	122,745	40,933	86,830	32,835	5,315	48,680	6
14,690	11,098	11,062	36	691	2,162	1,831	331	739	426	41	272	7
11,133	7,942	7,906	36	556	1,896	1,571	325	739	426	41	272	8
3,542	3,147	3,147	...	129	266	260	6	...	...	...	...	9
15	9	9	...	6	...	...	...	...	...	...	...	10
188,000	114,000	107,000	7,000	8,000	8,000	4,000	4,000	58,000	8,000	8,000	42,000	11
610,000	397,000	388,000	9,000	29,000	124,000	92,000	32,000	60,000	35,000	6,000	19,000	12
294	123	119	4	75	70	42	29	27	5	8	14	13
4,937,957	3,461,688	3,428,170	33,518	94,715	964,978	859,537	117,173	429,483	161,815	19,095	248,573	14
8	1	1	...	2	6	1	6	...	...	...	...	15
34,634	12,907	12,907	...	11,440	23,194	11,732	23,194	...	...	...	...	16
...	...	I-H-3a	...	III-E-1a	...	I-H-3b	(3)	...	...	...	...	17
218	70	67	3	57	64	41	23	27	5	8	14	18
4,903,323	3,448,781	3,415,263	33,518	83,275	941,784	847,805	93,979	429,483	161,815	19,095	248,573	19
202	69	66	3	54	61	41	20	18	5	8	5	20
4,687,819	3,442,248	3,408,988	33,260	82,155	935,904	847,505	88,399	227,512	161,815	14,057	51,640	21
25	4	3	1	4	4	1	3	13	...	2	11	22
215,504	6,533	6,275	258	1,120	5,880	300	5,580	201,971	...	5,038	196,933	23
89	70	69	1	17	2	2	...	...	...	...	...	24
1,534,110	1,492,697	1,486,307	6,390	28,793	12,620	12,620	...	...	...	...	...	25
294	123	119	4	75	70	42	29	27	5	8	14	26
4,937,957	3,461,688	3,428,170	33,518	94,715	964,978	859,537	117,173	429,483	161,815	19,095	248,573	27
281	117	113	4	70	69	41	29	26	5	7	14	28
822,691	573,424	570,616	2,808	17,830	122,025	106,771	15,254	109,412	60,467	3,347	45,598	29
1	...	...	...	1	1	1	1	...	...	...	...	30
3,800	...	...	...	3,800	12,907	12,907	11,732	...	...	...	...	31
...	...	...	...	III-E-1a	I-H-1a	I-H-1a	...	...	...	...	...	32
291	122	118	4	73	70	42	29	27	5	8	14	33
4,111,466	2,888,264	2,857,554	30,710	73,085	830,046	739,859	90,187	320,071	101,348	15,748	202,975	34
291	122	118	4	73	70	42	29	27	5	8	14	35
4,081,691	2,866,140	2,835,430	30,710	71,919	823,561	733,386	90,175	320,071	101,348	15,748	202,975	36
25	15	15	...	6	4	3	1	...	...	...	...	37
24,226	17,237	17,237	...	504	6,485	6,473	12	...	...	...	...	38
9	3	3	...	6	...	...	...	...	...	...	...	39
5,549	4,887	4,887	...	662	...	...	...	...	...	...	...	40
36	24	23	1	11	1	1	...	...	...	...	...	41
1,534,110	1,492,697	1,486,307	6,390	28,793	12,620	12,620	...	...	...	...	...	42
5.6	6.4	6.4	5.4	2.8	5.0	6.0	2.2	3.7	3.1	3.0	4.2	43
137	63	62	1	19	44	31	13	11	3	4	4	44
1,622,892	905,691	904,191	1,500	105,364	172,404	144,653	27,751	439,433	6,947	10,500	421,986	45

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Great Basin, total	Northwest Great Salt Lake Basin III-D	Bear River (III-E)					
				Total	Bear River direct			Upper Malad River	Little Bear River
					Total	Below Alexander (1a)	Above Alexander (1b)	(2)	(3)
1	Total acres irrigated in Census year.....1959...	161,000	6,000	155,000	138,000	74,000	64,000	17,000	...
2	1949...	135,294	2,086	133,208	116,344	63,489	52,855	16,864	...
3	Irrigation organizations.....organizations 1959...	182	2	180	148	90	58	32	...
4	1949...	192	3	189	156	94	63	33	...
	Service area, 1959:								
5	Farm area reported served by organizations.....acres 1959...	193,275	(D)	(D)	(D)	101,409	(D)	(D)	...
6	Farm area reported irrigated by organizations.....acres 1959...	175,846	(D)	(D)	(D)	94,512	(D)	(D)	...
7	Water users served, total.....water users 1959...	3,887	(D)	(D)	(D)	1,821	(D)	(D)	...
8	Farm irrigation water users.....water users 1959...	3,378	(D)	(D)	(D)	1,712	(D)	(D)	...
9	Residential water users.....water users 1959...	505	...	(D)	(D)	105	(D)	(D)	...
10	Other water users.....water users 1959...	4	...	(D)	(D)	4	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959								
11	Ground water sources.....acres...	22,000	3,000	19,000	10,000	5,000	5,000	9,000	...
12	Surface water sources.....acres...	139,000	3,000	136,000	128,000	69,000	59,000	8,000	...
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
13	Total entering conveyance systems in basin.....organizations...	182	2	180	148	90	58	32	...
14	acre-feet...	590,381	(D)	(D)	(D)	326,554	(D)	(D)	...
15	From another drainage basin.....organizations...	3	...	3	3	3	1	...	...
16	acre-feet...	6,835	...	(D)	(D)	11,871	(D)	...	...
17	From drainage basin number.....D. B. No....	...	...	...	...	(1)	I-G-3	...	...
18	From natural sources within basin...organizations...	153	2	151	118	69	50	32	...
19	acre-feet...	583,546	(D)	(D)	(D)	314,683	(D)	(D)	...
20	Surface water.....organizations...	134	1	133	115	69	47	17	...
21	acre-feet...	563,319	(D)	(D)	(D)	314,683	(D)	(D)	...
22	Ground water.....organizations...	21	1	20	2	...	3	17	...
23	acre-feet...	20,227	(D)	(D)	(D)	...	(D)	(D)	...
24	*From other organizations in the basin*.....*organizations receiving*...	30	...	30	29	23	7	...	...
25	*acre-feet*...	166,593	...	(D)	(D)	158,715	(D)	...	...
26	Total leaving conveyance systems.....organizations...	182	2	180	148	90	58	32	...
27	acre-feet...	590,381	10,105	(D)	(D)	326,554	(D)	(D)	...
28	Conveyance loss in basin.....organizations...	176	2	174	142	86	57	32	...
29	acre-feet...	86,442	(D)	(D)	(D)	51,904	(D)	(D)	...
30	Conveyed to another drainage basin..organizations...	9	1	8	6	7	1	1	...
31	acre-feet...	77,600	(D)	(D)	(D)	74,235	(D)	(D)	...
32	To drainage basin number.....D. B. No....	...	III-D-1	...	...	(2)	III-E-1a	III-E-2	...
33	Delivered for use in the basin.....organizations...	181	2	179	148	91	57	32	...
34	acre-feet...	426,339	(D)	(D)	(D)	200,415	(D)	(D)	...
35	To farm irrigation water users...organizations...	181	2	179	147	91	57	32	...
36	acre-feet...	423,754	(D)	(D)	(D)	200,071	(D)	(D)	...
37	To residential water users.....organizations...	13	...	13	10	2	8	3	...
38	acre-feet...	2,573	...	(D)	(D)	332	(D)	(D)	...
39	For other use.....organizations...	2	...	2	2	2	...	...	...
40	acre-feet...	12	...	(D)	(D)	12	...	...	...
41	*Delivered to other irrigation organizations*..... *organizations delivering*...	10	...	10	9	8	2	...	...
42	*acre-feet*...	166,593	...	(D)	(D)	158,715	(D)	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	2.4	(D)	(D)	(D)	2.1	(D)	(D)	...
	NEW CAPITAL INVESTMENT, 1950-1959								
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	53	2	51	41	35	7	10	...
45	dollars...	995,367	(D)	(D)	(D)	577,852	(D)	(D)	...

D Data not shown to avoid disclosure of information for individual organizations.
[1] 8,036 acre-feet from D. B. No. III-E-1b, 3,800 acre-feet from D. B. No. I-H-2, 35 acre-feet, from D. B. No. III-E-1b.
[2] 65,670 acre-feet to D. B. No. III-E-1a, 8,565 acre-feet to D. B. No. I-H-2.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	Idaho, total	Columbia River (excluding Yakima River) and Snake River below Weiser (I-C and I-E)	Snake River, Weiser to King Hill (I-F)	Snake River, King Hill to American Falls (I-G)	Snake River above American Falls (I-H)	Bonneville Basin and Bear River (III-D and III-E)
1	Irrigation organizations, total number.....organizations 1959...	927	119	234	104	295	182
2	1949...	1,064	145	269	101	366	192
3	Area irrigated as reported by organizations.....acres 1959...	2,299,457	72,098	582,622	744,437	724,454	175,846
4	1949...	1,896,032	65,506	482,842	614,117	596,490	137,077
5	Farm water users served directly....water users 1959...	43,525	2,018	16,618	10,378	11,133	3,378
6	Total water conveyed.....acre-feet 1959...	16,726,476	494,805	4,124,191	4,990,702	6,472,067	756,974
	TYPE OF ORGANIZATION						
	Mutual:						
7	Unincorporated.....organizations 1959...	497	93	113	68	118	105
8	1949...	648	124	151	70	193	110
9	Farm area irrigated directly.....acres 1959...	211,622	45,987	42,466	31,109	58,300	33,760
10	Farm water users served directly.....water users 1959...	2,589	490	634	380	627	458
11	Total water conveyed.....acre-feet 1959...	1,035,785	297,969	234,115	133,816	258,984	110,901
12	Incorporated.....organizations 1959...	367	13	91	28	164	76
13	1949...	348	7	85	23	156	81
14	Farm area irrigated directly.....acres 1959...	1,295,602	7,853	153,249	539,423	454,241	(D)
15	Farm water users served directly.....water users 1959...	20,979	109	3,642	7,851	6,478	(D)
16	Total water conveyed.....acre-feet 1959...	10,150,336	91,582	1,189,466	3,574,976	4,720,187	(D)
17	District.....organizations 1959...	53	11	28	6	9	1
18	1949...	54	10	27	7	11	1
19	Farm area irrigated directly.....acres 1959...	676,471	(D)	380,907	105,658	170,899	(D)
20	Farm water users served directly.....water users 1959...	18,136	(D)	12,317	1,500	2,901	(D)
21	Total water conveyed.....acre-feet 1959...	5,021,558	(D)	2,690,610	1,045,609	1,221,610	(D)
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau...organizations 1959...	4	...	1	2	1	...
23	1949...	4	1	4	1	1	...
24	Farm area irrigated directly.....acres 1959...	76,767	...	...	68,247	8,520	...
25	Farm water users served directly.....water users 1959...	714	...	...	647	67	...
26	Total water conveyed.....acre-feet 1959...	253,019	...	...	236,301	16,718	...
27	*U. S. Bureau of Reclamation; operated by water users ..... organizations 1959* ...	12	5	3	3	...	1
28	*1949* ...	11	NA	NA	NA	NA	NA
29	Farm area irrigated directly.....acres 1959...	350,674	7,307	216,531	(D)	...	(D)
30	Farm water users served directly.....water users 1959...	8,836	1,146	5,168	(D)	...	(D)
31	Total water conveyed.....acre-feet 1959...	2,758,367	24,025	1,604,093	(D)	...	(D)
32	U. S. Bureau of Indian Affairs....organizations 1959...	3	...	1	...	2	...
33	1949...	6	1	1	...	4	...
34	Farm area irrigated directly.....acres 1959...	(D)	...	6,000	...	(D)	...
35	Farm water users served directly.....water users 1959...	(D)	...	25	...	(D)	...
36	Total water conveyed.....acre-feet 1959...	(D)	...	10,000	...	(D)	...
37	Commercial.....organizations 1959...	1	1	...	...	...	...
38	1949...	3	1	1	...	1	...
39	Farm area irrigated directly.....acres 1959...	(D)	(D)	...	...	...	...
40	Farm water users served directly.....water users 1959...	(D)	(D)	...	...	...	...
41	Total water conveyed.....acre-feet 1959...	(D)	(D)	...	...	...	...
42	State.....organizations 1959...	...	...	...	...	...	...
43	1949...	...	...	...	...	...	...
44	Farm area irrigated directly.....acres 1959...	...	...	...	...	...	...
45	Farm water users served directly.....water users 1959...	...	...	...	...	...	...
46	Total water conveyed.....acre-feet 1959...	...	...	...	...	...	...
47	City.....organizations 1959...	2	1	...	...	1	...
48	1949...	1	1	...	...	...	...
49	Farm area irrigated directly.....acres 1959...	(D)	(D)	...	...	(D)	...
50	Farm water users served directly.....water users 1959...	(D)	(D)	...	...	(D)	...
51	Total water conveyed.....acre-feet 1959...	(D)	(D)	...	...	(D)	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Idaho, total	Columbia River (excluding Yakima River) and Snake River below Weiser (I-C and I-E)	Snake River, Weiser to King Hill (I-F)	Snake River, King Hill to American Falls (I-G)	Snake River above American Falls (I-H)	Bonneville Basin and Bear River (III-D and III-E)
	TYPE OF SERVICE, 1959						
1	All water directly from surface and ground water sources.....organizations...	726	110	171	93	204	152
2	Total water conveyed.....acre-feet...	13,281,058	431,492	3,068,791	4,329,487	4,937,633	591,214
3	Water delivered.....acre-feet...	10,593,765	313,402	2,363,091	3,209,225	4,248,680	459,367
4	To farm and residential users only.....organizations...	673	108	151	86	185	145
5	acre-feet...	4,640,741	293,880	586,834	1,093,482	2,346,694	319,851
6	To farm and residential users and other irrigation organizations.....organizations...	47	1	18	6	18	6
7	Water to farm and residential users.....acre-feet...	3,811,043	1,656	1,432,817	1,706,380	645,941	24,249
8	Water to other irrigation organizations..... acre-feet...	1,968,856	1,457	341,490	399,577	1,118,105	108,227
9	To other irrigation organizations only.....organizations...	6	1	2	1	1	1
10	acre-feet...	173,125	16,409	1,950	9,786	137,940	7,040
11	Part of water from other organizations.....organizations...	65	4	36	3	21	3
12	Total water conveyed.....acre-feet ..	2,296,945	41,623	978,921	634,650	661,723	10,908
13	From surface and ground water sources.....acre-feet...	871,115	9,356	631,356	251,852	[1]-8,241	[1]-845
14	From other irrigation organizations.....acre-feet...	1,425,830	32,267	347,565	382,798	669,964	11,753
15	Water delivered.....acre-feet...	2,006,786	40,403	942,307	423,383	598,808	1,885
16	To farm and residential users only.....organizations...	57	3	33	3	16	3
17	acre-feet...	1,635,569	18,088	896,997	423,383	295,216	1,885
18	To farm and residential users and other irrigation organizations.....organizations...	8	1	3	...	5	...
19	Water to farm and residential users.....acre-feet...	283,653	...	27,147	...	256,506	...
20	Water to other irrigation organizations.....acre-feet...	87,564	22,315	18,163	...	47,086	...
21	To other irrigation organizations only.....organizations...	...	...	...	...	...	...
22	acre-feet...	...	...	...	...	...	...
23	All of water from other organizations.....organizations...	129	5	22	7	69	27
24	Total water conveyed.....acre-feet...	1,148,473	21,690	76,479	26,565	872,711	154,852
25	Water delivered.....acre-feet...	1,016,273	5,240	63,784	23,042	792,539	131,668
26	To farm and residential users only.....organizations...	113	5	22	7	56	24
27	acre-feet...	575,119	5,240	63,784	23,042	423,396	59,657
28	To farm and residential users and other irrigation organizations.....organizations...	14	...	...	...	11	3
29	Water to farm residential users.....acre-feet...	158,849	...	...	...	138,164	20,685
30	Water to other irrigation organizations.....acre-feet...	280,856	...	...	...	229,530	51,326
31	To other irrigation organizations only.....organizations...	2	...	...	...	2	...
32	acre-feet...	1,449	...	...	...	1,449	...
33	No water conveyed.....organizations...	7	...	5	1	1	...
	WATER FROM OTHER SOURCES						
34	Organizations reporting no water from other sources used on land served by the organization.....organizations...	793	97	202	91	257	151
35	acres served...	2,102,467	74,601	770,301	796,505	646,559	174,301
36	acres irrigated...	1,938,766	64,590	749,600	717,328	602,600	158,849
37	Water delivered to farms.....acre-feet...	9,295,415	261,312	3,721,273	3,141,713	3,502,672	409,235
38	acre-feet per acre...	4.8	4.5	5.0	4.4	5.8	2.6
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	119	21	25	11	34	30
40	acres served...	423,745	15,251	194,562	43,724	129,188	43,320
41	acres irrigated...	403,650	12,936	191,273	38,314	123,224	40,203
42	Water delivered to farms.....acre-feet...	1,710,738	67,544	879,119	128,295	581,427	61,912
43	acre-feet per acre...	4.2	5.2	4.6	3.3	4.7	1.5

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Idaho, total	Columbia River (excluding Yakima River) and Snake River below Weiser (I-C and I-E)	Snake River, Weiser to King Hill (I-F)	Snake River, King Hill to American Falls (I-G)	Snake River above American Falls (I-H)	Bonneville Basin and Bear River (III-D and III-E)
	WATER DELIVERED PER ACRE						
	Organizations reporting NO water from other sources used on same land:						
1	0.1 to 0.9 acre-feet per acre.....organizations...	31	2	4	2	14	9
2	acres irrigated...	29,161	397	2,557	3,570	5,042	17,595
3	1.0 to 1.9 acre-feet per acre.....organizations...	117	10	19	15	33	41
4	acres irrigated...	126,289	3,057	23,478	21,931	27,738	50,985
5	2.0 to 2.9 acre-feet per acre.....organizations...	149	16	33	16	38	46
6	acres irrigated...	146,782	19,315	15,282	18,382	41,729	52,074
7	3.0 to 3.9 acre-feet per acre.....organizations...	112	16	20	16	30	30
8	acres irrigated...	240,532	15,988	28,827	97,575	81,239	16,903
9	4.0 to 4.9 acre-feet per acre.....organizations...	105	17	37	12	30	10
10	acres irrigated...	553,046	8,298	249,158	361,409	82,439	2,743
11	5.0 to 5.9 acre-feet per acre.....organizations...	89	8	35	8	33	7
12	acres irrigated...	408,167	8,024	335,272	205,362	55,733	6,076
13	6.0 to 6.9 acre-feet per acre.....organizations...	71	11	27	4	26	3
14	acres irrigated...	216,875	3,600	66,748	1,595	143,762	1,170
15	7.0 to 7.9 acre-feet per acre.....organizations...	37	6	18	2	8	3
16	acres irrigated...	79,827	2,360	20,043	335	46,519	10,570
17	8.0 to 9.9 acre-feet per acre.....organizations...	51	7	9	7	26	2
18	acres irrigated...	95,036	2,176	8,235	4,315	79,577	733
19	10.0 or more acre-feet per acre.....organizations...	31	4	...	9	19	...
20	acres irrigated...	43,051	1,375	...	2,854	38,822	...
	SIZE OF ORGANIZATION						
	Size of organization (number of farm irrigation water users served directly):						
21	None.....organizations...	15	1	7	2	4	1
22	1 to 3.....organizations...	249	53	53	34	56	53
23	water users...	582	123	127	79	127	126
24	4 to 9.....organizations...	268	35	73	34	77	49
25	water users...	1,563	203	439	194	459	268
26	10 to 29.....organizations...	227	20	56	17	86	53
27	water users...	3,621	276	894	298	1,378	837
28	30 to 99.....organizations...	106	4	27	6	51	19
29	water users...	5,790	247	1,419	389	2,819	947
30	100 to 299.....organizations...	38	4	9	5	14	8
31	water users...	6,055	895	1,626	818	2,044	1,361
32	300 to 999.....organizations...	15	1	4	2	6	1
33	water users...	8,771	300	2,741	1,541	3,330	370
34	1,000 or more.....organizations...	9	1	5	4	1	...
35	water users...	19,862	1,861	14,776	7,351	1,000	...
	Size of organization (acre-feet of water delivered directly to farms):						
36	None.....organizations...	15	1	7	2	4	1
37	1 to 299 acre-feet.....organizations...	140	18	35	16	40	31
38	acre-feet...	22,611	2,870	5,727	2,783	5,789	5,442
39	300 to 999 acre-feet.....organizations...	187	28	38	24	36	61
40	acre-feet...	111,155	17,791	21,566	12,918	21,227	37,653
41	1,000 to 2,999 acre-feet.....organizations...	212	34	53	25	52	49
42	acre-feet...	379,667	63,531	99,221	44,316	91,958	81,841
43	3,000 to 9,999 acre-feet.....organizations...	225	34	59	18	85	32
44	acre-feet...	1,254,319	176,236	333,543	98,726	487,469	170,404
45	10,000 to 29,999 acre-feet.....organizations...	88	4	27	8	44	5
46	acre-feet...	1,547,955	68,428	474,616	154,674	779,932	70,305
47	30,000 to 99,999 acre-feet.....organizations...	40	...	7	5	26	3
48	acre-feet...	1,979,238	...	372,317	220,915	1,334,244	105,502
49	100,000 or more acre-feet.....organizations...	20	...	8	6	8	...
50	acre-feet...	5,711,208	...	3,293,402	2,735,676	1,363,480	...
	Size of organization (acre-feet of water conveyed):						
51	None.....organizations...	7	...	5	1	1	...
52	1 to 299 acre-feet.....organizations...	115	14	29	11	36	25
53	acre-feet...	20,231	2,308	5,394	1,898	6,622	4,319
54	300 to 999 acre-feet.....organizations...	171	27	32	26	32	54
55	acre-feet...	101,339	17,790	18,054	13,561	19,414	32,220
56	1,000 to 2,999 acre-feet.....organizations...	208	31	46	24	52	58
57	acre-feet...	369,929	62,408	85,060	42,037	88,204	94,380
58	3,000 to 9,999 acre-feet.....organizations...	230	40	65	18	76	31
59	acre-feet...	1,265,329	227,264	333,935	95,582	430,165	191,302
60	10,000 to 29,999 acre-feet.....organizations...	108	4	34	11	51	8
61	acre-feet...	1,814,468	55,988	565,034	174,481	878,577	140,388
62	30,000 to 99,999 acre-feet.....organizations...	58	3	13	6	32	6
63	acre-feet...	2,853,797	143,929	550,226	312,576	1,586,423	297,840
64	100,000 or more acre-feet.....organizations...	30	...	10	7	15	...
65	acre-feet...	10,353,325	...	3,804,120	4,350,567	3,464,165	...

State Table 3.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Idaho, total	Columbia River (excluding Yakima River) and Snake River below Weiser (I-C and I-E)	Snake River, Weiser to King Hill (I-F)	Snake River, King Hill to American Falls (I-G)	Snake River above American Falls (I-H)	Bonneville Basin and Bear River (III-D and III-E)
1	Total acres irrigated.....farms reporting...	25,383	1,281	8,545	7,020	6,735	1,802
2	acres...	2,576,580	152,028	611,477	855,111	797,503	160,461
3	Acres irrigated by sprinklers....farms reporting...	2,180	598	365	176	753	288
4	acres...	215,595	11,876	17,921	34,256	126,764	21,778
5	Sprinklers only.....farms reporting...	1,085	532	111	50	315	77
6	acres...	119,943	11,948	6,038	16,809	76,907	8,241
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959						
7	Ground water sources on farm.....farms reporting...	2,557	108	490	881	853	225
8	acres...	386,945	4,157	27,609	173,532	162,084	19,563
9	Ground water sources on farm only.farms reporting...	1,266	67	189	480	430	100
10	acres...	241,673	1,480	11,634	115,992	102,277	10,290
11	Surface sources on farm.....farms reporting...	2,749	717	871	364	567	230
12	acres...	327,281	111,952	82,964	44,946	65,243	22,176
13	Surface sources on farm only.....farms reporting...	1,882	656	520	203	379	124
14	acres...	245,191	97,159	57,314	31,298	45,871	13,549
15	Irrigation organization sources.....farms reporting...	22,051	532	7,802	6,270	5,876	1,571
16	acres...	1,862,354	35,919	500,904	636,633	570,176	118,722
17	Irrigation organization sources only.....farms reporting...	20,306	479	7,259	5,846	5,374	1,348
18	acres...	1,662,383	24,076	450,761	581,958	505,145	100,443
19	Both farm ground water sources and surface sources.....farms reporting...	178	26	39	62	44	7
20	acres...	40,483	5,953	5,947	14,316	13,288	979
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	1,751	53	538	429	508	223
22	acres...	386,850	23,360	85,821	111,547	130,922	35,200

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	Idaho, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by ___ bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	927	497	367	53	4	12	6
1949...	1,064	648	348	54	4	11	10
Service area, 1959:							
Area served, as reported by organizations.....acres...	2,482,113	244,106	1,417,700	691,544	84,162	359,654	44,601
Area irrigated, as reported by organizations.....acres...	2,299,457	211,622	1,295,602	676,471	76,767	350,674	38,995
Water users served, 1959, total.....water users...	81,467	3,808	44,139	30,000	714	14,521	2,806
Farm irrigation water users.....water users...	43,525	2,589	20,979	18,136	714	8,836	1,107
Residential water users.....water users...	37,743	1,207	23,124	11,713	...	5,543	1,699
Other water users.....water users...	199	12	36	151	...	142	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	726	428	251	40	2	11	5
Total water conveyed.....acre-feet...	13,281,058	891,655	7,717,437	4,153,655	253,019	2,571,507	265,292
Water delivered.....acre-feet...	10,593,765	748,495	6,203,673	3,232,076	230,104	1,931,092	179,417
To farm and residential users only.....organizations...	673	422	211	33	2	8	5
acre-feet...	4,640,741	717,010	2,135,385	1,378,825	230,104	530,166	179,417
To farm and residential users and other irrigation organizations.....organizations...	47	5	36	6	...	3	...
Water to farm and residential users.....acre-feet...	3,811,043	17,468	2,472,289	1,321,286	...	950,640	...
Water to other irrigation organizations.....acre-feet...	1,968,856	13,193	1,433,484	522,179	...	450,286	...
To other irrigation organizations only.....organizations...	6	1	4	1	...	...	...
acre-feet...	173,125	824	162,515	9,786	...	...	...
Part of water from other organizations.....organizations...	65	21	35	9	...	1	...
Total water conveyed.....acre-feet...	2,296,945	68,144	1,383,836	844,965	...	186,860	...
From surface and ground water sources.....acre-feet...	871,115	14,790	240,108	616,217	...	85,659	...
From other irrigation organizations.....acre-feet...	1,425,830	53,354	1,143,728	228,748	...	...	...
Water delivered.....acre-feet...	2,006,786	59,938	1,086,962	859,886	...	171,698	...
To farm and residential users only.....organizations...	57	21	28	8	...	1	...
acre-feet...	1,635,569	59,938	753,884	821,747	...	171,698	...
To farm and residential users and other irrigation organizations.....organizations...	8	...	7	1	...	...	...
Water to farm and residential users.....acre-feet...	283,653	...	271,653	12,000	...	...	...
Water to other irrigation organizations.....acre-feet...	87,564	...	61,425	26,139	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	129	48	77	3	...	...	1
Total water conveyed.....acre-feet...	1,148,473	75,986	1,049,063	22,938	...	...	486
Water delivered.....acre-feet...	1,016,273	65,953	942,974	6,860	...	...	486
To farm and residential users only.....organizations...	113	42	67	3	...	...	1
acre-feet...	575,119	62,907	504,866	6,860	...	...	486
To farm and residential users and other irrigation organizations.....organizations...	14	4	10	...	...	...	...
Water to farm and residential users.....acre-feet...	158,849	359	158,490	...	...	...	...
Water to other irrigation organizations.....acre-feet...	280,856	1,238	279,618	...	...	...	...
To other irrigation organizations only.....organizations...	2	2	...	...	...	...	...
acre-feet...	1,449	1,449	...	...	...	...	...
No water conveyed.....organizations...	7	...	4	1	2	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	793	440	302	44	2	10	5
acres served...	2,102,467	213,285	1,261,949	522,470	84,162	233,548	20,601
acres irrigated...	1,938,766	184,235	1,153,872	508,897	76,767	224,568	14,995
water delivered to farms (acre-feet)...	9,295,415	726,687	5,678,311	2,636,036	230,104	1,053,233	24,277
acre-feet per acre...	4.8	3.9	4.9	5.2	3.0	4.6	1.6
Organizations reporting water from other sources used on land served by the organization.....organizations...	119	54	57	7	...	2	1
acres served...	423,745	31,181	178,707	183,857	...	133,961	30,000
acres irrigated...	403,650	27,747	163,546	182,357	...	133,961	30,000
water delivered to farms (acre-feet)...	1,710,738	125,905	580,821	848,012	...	598,714	156,000
acre-feet per acre...	4.2	4.5	3.6	4.7	...	4.5	5.2
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	382	164	181	32	2	13	3
By U. S. B. R.....dollars...	18,471,044	...	7,600	1,769,154	16,694,290	1,776,754	...
By water users organizations.....dollars...	6,056,815	237,721	3,272,341	2,367,503	...	1,238,298	179,250

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Idaho, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	920	497	363	52	2	12	6
acre-feet...	14,214,626	906,445	7,957,557	4,832,313	253,019	2,758,367	265,292
From another drainage basin.....organizations...	11	2	7	1	...	1	1
acre-feet...	140,305	3,889	25,215	101,201	...	101,201	10,000
From drainage basin.....D. B. No....	...	VI-C	I-H	I-F	...	...	...
From sources within basin.....organizations...	783	448	279	50	2	12	4
acre-feet...	14,074,321	902,556	7,932,342	4,731,112	253,019	2,657,166	255,292
Surface water.....organizations...	734	415	265	49	2	12	3
acre-feet...	13,527,060	802,362	7,741,803	4,669,429	58,898	2,606,459	254,568
Ground water.....organizations...	69	40	23	3	2	2	1
acre-feet...	547,261	100,194	190,539	61,683	194,121	50,707	724
From other organizations in the basin.....organizations receiving...	191	69	112	9	...	...	1
acre-feet...	2,511,850	129,340	2,192,779	189,245	...	...	486
Total leaving conveyance systems.....organizations...	920	497	363	52	2	12	6
acre-feet...	14,214,626	1,019,081	8,213,294	4,463,454	253,019	2,308,071	265,778
Conveyance loss in basin.....organizations...	841	456	334	46	2	14	3
acre-feet...	2,948,184	160,315	1,799,290	879,789	22,915	640,540	85,875
Conveyed to another drainage basin.....organizations...	12	1	8	3	...	1	...
acre-feet...	145,657	800	105,076	39,781	...	11,957	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	911	494	359	50	2	12	6
acre-feet...	11,120,785	857,966	6,308,928	3,543,884	230,104	1,655,574	179,903
To farm irrigation water users.....organizations...	911	494	359	50	2	12	6
acre-feet...	10,884,661	851,977	6,215,646	3,413,447	230,104	1,612,172	173,487
To domestic water users.....organizations...	107	22	68	14	...	5	3
acre-feet...	220,313	5,705	80,921	127,271	...	40,332	6,416
For other use.....organizations...	29	4	20	5	...	3	...
acre-feet...	15,811	284	12,361	3,166	...	3,070	...
Delivered to other irrigation organizations.....organizations delivering...	76	12	56	8	...	3	...
acre-feet...	2,511,850	16,704	1,937,042	558,104	...	450,286	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	23	8	10	3	2	...	...
1 to 3 water users.....organizations...	249	230	17	2	...	...	...
4 to 9 water users.....organizations...	268	205	59	4	...	...	...
10 to 29 water users.....organizations...	219	50	156	10	...	...	3
30 to 99 water users.....organizations...	106	4	87	12	1	2	2
100 to 299 water users.....organizations...	38	...	30	8	...	3	...
300 to 999 water users.....organizations...	15	...	5	9	1	4	...
1,000 or more water users.....organizations...	9	...	3	5	...	3	1
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	15	3	8	2	2	...	...
1 to 299 acre-feet.....organizations...	140	120	17	2	...	...	1
300 to 999 acre-feet.....organizations...	187	161	24	1	...	1	1
1,000 to 2,999 acre-feet.....organizations...	212	128	79	4	...	1	1
3,000 to 9,999 acre-feet.....organizations...	225	79	131	14	...	4	1
10,000 to 29,999 acre-feet.....organizations...	88	6	71	9	1	1	1
30,000 to 99,999 acre-feet.....organizations...	40	...	30	10	...	...	...
100,000 or more acre-feet.....organizations...	20	...	7	11	1	5	1
Size of organization (acre-feet of water conveyed):							
None.....organizations...	7	...	4	1	2	...	...
1 to 299 acre-feet.....organizations...	115	105	10	...	...	...	...
300 to 999 acre-feet.....organizations...	171	147	21	1	...	1	2
1,000 to 2,999 acre-feet.....organizations...	208	142	62	4	...	1	...
3,000 to 9,999 acre-feet.....organizations...	230	93	123	12	...	4	2
10,000 to 29,999 acre-feet.....organizations...	108	8	86	12	1	...	1
30,000 to 99,999 acre-feet.....organizations...	58	2	44	12	...	...	...
100,000 or more acre-feet.....organizations...	30	...	17	11	1	6	1

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Columbia River above Snake River excluding Yakima River, and Snake River below Weiser, Idaho (I-C and I-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	119	93	13	11	...	5	2
1949...	145	124	7	10	1	NA	3
Service area, 1959:							
Area served, as reported by organizations.....acres...	84,424	52,904	9,799	(D)	...	7,736	(D)
Area irrigated, as reported by organizations.....acres...	72,098	45,987	7,853	(D)	...	7,307	(D)
Water users served, 1959, total.....water users...	5,373	1,334	222	(D)	...	3,510	(D)
Farm irrigation water users.....water users...	2,018	490	109	(D)	...	1,146	(D)
Residential water users.....water users...	3,245	844	113	(D)	...	2,254	(D)
Other water users.....water users...	110	...	...	(D)	...	110	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	110	90	11	8	...	5	1
Total water conveyed.....acre-feet...	431,492	290,964	87,333	(D)	...	24,025	(D)
Water delivered.....acre-feet...	313,402	232,437	34,964	(D)	...	22,389	(D)
To farm and residential users only.....organizations...	108	90	9	8	...	5	1
acre-feet...	293,880	232,437	15,442	(D)	...	22,389	(D)
To farm and residential users and other irrigation organizations.....organizations...	1	...	1	...	...	...	...
Water to farm and residential users.....acre-feet...	1,656	...	1,656	...	...	...	...
Water to other irrigation organizations.....acre-feet...	1,457	...	1,457	...	...	...	...
To other irrigation organizations only.....organizations...	1	...	1	...	...	...	...
acre-feet...	16,409	...	16,409	...	...	...	...
Part of water from other organizations.....organizations...	4	2	...	2	...	...	...
Total water conveyed.....acre-feet...	41,623	5,548	...	(D)	...	...	...
From surface and ground water sources.....acre-feet...	9,356	433	...	(D)	...	...	...
From other irrigation organizations.....acre-feet...	32,267	5,115	...	(D)	...	...	...
Water delivered.....acre-feet...	40,403	5,188	...	(D)	...	...	...
To farm and residential users only.....organizations...	3	2	...	1	...	...	...
acre-feet...	18,088	5,188	...	(D)	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	1	...	...	1	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	22,315	...	...	(D)	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	5	1	2	1	...	...	1
Total water conveyed.....acre-feet...	21,690	1,457	4,249	(D)	...	...	(D)
Water delivered.....acre-feet...	5,240	1,312	3,442	...	...	...	(D)
To farm and residential users only.....organizations...	5	1	2	1	...	...	1
acre-feet...	5,240	1,312	3,442	...	...	...	(D)
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	97	74	10	11	...	5	2
acres served...	74,601	39,488	7,964	(D)	...	14,237	(D)
acres irrigated...	64,590	34,886	6,018	(D)	...	7,307	(D)
water delivered to farms (acre-feet)...	261,312	173,358	13,826	(D)	...	17,675	(D)
acre-feet per acre...	4.0	5.0	2.3	(D)	...	2.4	(D)
Organizations reporting water from other sources used on land served by the organization.....organizations...	21	19	2	...	...	...	...
acres served...	15,251	13,416	1,835	...	...	...	...
acres irrigated...	12,936	11,101	1,835	...	...	...	...
water delivered to farms (acre-feet)...	67,544	62,829	4,715	...	...	...	...
acre-feet per acre...	5.2	5.7	2.6	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	63	50	5	7	...	4	1
By U. S. B. R.....dollars...	844,351	...	...	(D)	...	844,351	(D)
By water users organizations.....dollars...	806,216	64,623	85,983	(D)	...	632,360	(D)

See footnotes at end of table.

State Table 4.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Con.

Item (For definitions and explanations, see text)	Columbia River above Snake River excluding Yakima River, and Snake River below Weiser, Idaho (I-C and I-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	119	93	13	11	...	5	2
acre-feet...	454,624	291,397	91,157	(D)	...	24,025	(D)
From another drainage basin.....organizations...	2	...	1	1	...	...	...
acre-feet...	26,139	...	3,824	(D)	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	113	92	11	9	...	5	1
acre-feet...	428,485	291,397	87,333	(D)	...	24,025	(D)
Surface water.....organizations...	112	92	11	9	...	5	...
acre-feet...	427,761	291,397	87,333	(D)	...	24,025	...
Ground water.....organizations...	1	...	...	...	...	...	1
acre-feet...	724	...	...	...	...	...	(D)
From other organizations in the basin .....organizations receiving...	7	3	1	2	...	...	1
acre-feet...	40,181	6,572	425	(D)	...	...	(D)
Total leaving conveyance systems.....organizations...	119	93	13	11	...	5	2
acre-feet...	454,624	297,969	73,716	(D)	...	24,025	(D)
Conveyance loss in basin.....organizations...	104	87	11	6	...	2	...
acre-feet...	83,341	59,032	16,335	(D)	...	1,556	...
Conveyed to another drainage basin.....organizations...	2	...	1	1	...	...	...
acre-feet...	52,339	...	36,841	(D)	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	116	93	12	9	...	5	2
acre-feet...	318,944	238,937	20,540	(D)	...	22,469	(D)
To farm irrigation water users.....organizations...	116	93	12	9	...	5	2
acre-feet...	308,858	236,187	18,541	(D)	...	17,675	(D)
To domestic water users.....organizations...	10	3	4	2	...	2	1
acre-feet...	10,006	2,750	1,999	(D)	...	4,714	(D)
For other use.....organizations...	1	...	...	1	...	1	...
acre-feet...	80	...	...	(D)	...	80	...
Delivered to other irrigation organizations..... organizations delivering...	3	...	2	1	...	...	...
acre-feet...	40,181	...	17,866	(D)	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	3	2	1	(D)	...	...	(D)
1 to 3 water users.....organizations...	53	50	3	(D)	...	...	(D)
4 to 9 water users.....organizations...	35	33	2	(D)	...	...	(D)
10 to 29 water users.....organizations...	18	6	7	(D)	...	...	(D)
30 to 99 water users.....organizations...	4	2	...	(D)	...	1	(D)
100 to 299 water users.....organizations...	3	...	...	(D)	...	2	(D)
300 to 999 water users.....organizations...	2	...	...	(D)	...	2	(D)
1,000 or more water users.....organizations...	1	...	...	(D)	...	...	(D)
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	1	...	1	(D)	...	...	(D)
1 to 299 acre-feet.....organizations...	18	12	5	(D)	...	...	(D)
300 to 999 acre-feet.....organizations...	28	24	2	(D)	...	1	(D)
1,000 to 2,999 acre-feet.....organizations...	34	29	3	(D)	...	1	(D)
3,000 to 9,999 acre-feet.....organizations...	34	27	2	(D)	...	3	(D)
10,000 to 29,999 acre-feet.....organizations...	4	1	...	(D)	...	...	(D)
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	14	10	4	(D)	...	...	(D)
300 to 999 acre-feet.....organizations...	27	22	2	(D)	...	1	(D)
1,000 to 2,999 acre-feet.....organizations...	31	27	2	(D)	...	1	(D)
3,000 to 9,999 acre-feet.....organizations...	40	33	4	(D)	...	3	(D)
10,000 to 29,999 acre-feet.....organizations...	4	...	...	(D)	...	...	(D)
30,000 to 99,999 acre-feet.....organizations...	3	1	1	(D)	...	...	(D)
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Snake River, Weiser, Idaho to King Hill, Idaho (I-F)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	234	113	91	28	1	3	1
1949...	269	151	85	27	4	NA	2
Service area, 1959:							
Area served, as reported by organizations.....acres...	606,613	48,655	166,427	385,531	...	220,195	6,000
Area irrigated, as reported by organizations.....acres...	582,622	42,466	153,249	380,907	...	216,531	6,000
Water users served, 1959, total.....water users...	29,935	763	7,956	21,191	...	8,364	25
Farm irrigation water users.....water users...	16,618	634	3,642	12,317	...	5,168	25
Residential water users.....water users...	13,255	122	4,299	8,834	...	3,164	...
Other water users.....water users...	62	7	15	40	...	32	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	171	88	65	17	...	2	1
Total water conveyed.....acre-feet...	3,068,791	161,913	1,044,913	1,851,965	...	1,417,233	10,000
Water delivered.....acre-feet...	2,363,091	142,426	872,133	1,338,832	...	1,044,816	9,700
To farm and residential users only.....organizations...	151	86	51	13	...	...	1
acre-feet...	586,834	137,830	383,811	55,493	...	...	9,700
To farm and residential users and other irrigation organizations.....organizations...	18	1	13	4	...	2	...
Water to farm and residential users.....acre-feet...	1,432,817	332	322,649	1,109,836	...	919,190	...
Water to other irrigation organizations.....acre-feet...	341,490	3,440	164,547	173,503	...	125,626	...
To other irrigation organizations only.....organizations...	2	1	1	...	...	...	...
acre-feet...	1,950	824	1,126	...	...	...	...
Part of water from other organizations.....organizations...	36	17	11	8	...	1	...
Total water conveyed.....acre-feet...	978,921	47,530	100,186	831,205	...	186,860	...
From surface and ground water sources.....acre-feet...	631,356	7,419	4,280	619,657	...	124,419	...
From other irrigation organizations.....acre-feet...	347,565	40,111	95,906	211,548	...	62,441	...
Water delivered.....acre-feet...	942,307	41,233	76,403	824,671	...	171,698	...
To farm and residential users only.....organizations...	33	17	9	7	...	1	...
acre-feet...	896,997	41,233	46,917	808,847	...	171,698	...
To farm and residential users and other irrigation organizations.....organizations...	3	...	2	1	...	...	...
Water to farm and residential users.....acre-feet...	27,147	...	15,147	12,000	...	...	...
Water to other irrigation organizations.....acre-feet...	18,163	...	14,339	3,824	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	22	8	12	2	...	...	...
Total water conveyed.....acre-feet...	76,479	24,672	44,367	7,440	...	...	...
Water delivered.....acre-feet...	63,784	21,168	35,756	6,860	...	...	...
To farm and residential users only.....organizations...	22	8	12	2	...	...	...
acre-feet...	63,784	21,168	35,756	6,860	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	5	...	3	1	1	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	202	105	73	23	...	2	1
acres served...	770,301	42,646	481,316	234,339	...	97,783	12,000
acres irrigated...	749,599	36,866	470,818	229,915	...	94,119	12,000
water delivered to farms (acre-feet)...	3,721,273	171,599	2,340,832	1,192,352	...	502,616	16,490
acre-feet per acre...	5.0	4.7	4.9	5.2	...	5.3	1.4
Organizations reporting water from other sources used on land served by the organization.....organizations...	25	7	14	4	...	1	...
acres served...	194,562	6,009	20,931	167,622	...	130,267	...
acres irrigated...	191,273	5,600	18,251	167,422	...	130,267	...
water delivered to farms (acre-feet)...	879,119	27,067	77,377	774,675	...	592,714	...
acre-feet per acre...	4.6	4.8	4.2	4.6	...	4.5	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	89	32	40	16	1	3	...
By U. S. B. R.....dollars...	7,709,803	...	...	924,803	6,785,000	924,803	...
By water users organizations.....dollars...	1,205,914	35,518	417,651	752,745	...	225,314	...

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Snake River, Weiser, Idaho to King Hill, Idaho (I-F)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	228	113	87	27	...	3	1
acre-feet...	3,762,588	169,332	1,049,193	2,534,063	...	1,604,093	10,000
From another drainage basin.....organizations...	5	...	2	2	...	1	1
acre-feet...	184,960	...	53,959	121,001	...	121,001	10,000
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	203	105	74	24	...	3	...
acre-feet...	3,577,628	169,332	995,234	2,413,062	...	1,502,892	...
Surface water.....organizations...	201	104	73	24	...	3	...
acre-feet...	3,534,440	169,047	983,114	2,382,279	...	1,483,085	...
Ground water.....organizations...	6	1	3	2	...	1	...
acre-feet...	43,188	285	12,120	30,783	...	19,807	...
From other organizations in the basin .....organizations receiving...	55	25	23	7	...	...	...
acre-feet...	361,603	64,783	140,273	156,547	...	...	...
Total leaving conveyance systems.....organizations...	228	113	87	27	...	3	1
acre-feet...	3,762,588	229,851	1,009,454	2,513,283	...	1,478,467	10,000
Conveyance loss in basin.....organizations...	200	99	75	25	...	3	1
acre-feet...	696,477	29,276	196,338	470,563	...	372,622	300
Conveyed to another drainage basin.....organizations...	4	...	1	3	...	1	...
acre-feet...	50,422	...	3,824	46,598	...	11,957	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	226	112	86	27	...	3	1
acre-feet...	3,015,689	200,575	809,292	1,996,122	...	1,093,888	9,700
To farm irrigation water users.....organizations...	226	112	86	27	...	3	1
acre-feet...	2,860,600	198,666	776,730	1,875,504	...	1,055,895	9,700
To domestic water users.....organizations...	43	8	25	10	...	2	...
acre-feet...	146,979	1,897	27,550	117,532	...	34,993	...
For other use.....organizations...	14	1	9	4	...	2	...
acre-feet...	8,110	12	5,012	3,086	...	3,000	...
Delivered to other irrigation organizations..... organizations delivering...	21	2	14	5	...	2	...
acre-feet...	361,603	4,264	180,012	177,327	...	125,626	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	8	2	4	1	1	...	...
1 to 3 water users.....organizations...	53	45	6	2	...	...	...
4 to 9 water users.....organizations...	73	49	20	4	...	...	...
10 to 29 water users.....organizations...	55	16	33	5	...	...	1
30 to 99 water users.....organizations...	27	1	19	7	...	...	...
100 to 299 water users.....organizations...	9	...	5	4	...	...	...
300 to 999 water users.....organizations...	4	...	2	2	...	2	...
1,000 or more water users.....organizations...	5	...	2	3	...	1	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	7	1	4	1	1	...	...
1 to 299 acre-feet.....organizations...	35	29	4	2	...	...	...
300 to 999 acre-feet.....organizations...	38	34	4	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	53	27	25	1	...	...	...
3,000 to 9,999 acre-feet.....organizations...	59	20	30	9	...	...	...
10,000 to 29,999 acre-feet.....organizations...	27	2	20	4	...	...	1
30,000 to 99,999 acre-feet.....organizations...	7	...	2	5	...	...	...
100,000 or more acre-feet.....organizations...	8	...	2	6	...	3	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	5	...	3	1	1	...	...
1 to 299 acre-feet.....organizations...	29	28	1	...	...	...	...
300 to 999 acre-feet.....organizations...	32	28	4	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	46	31	14	1	...	...	...
3,000 to 9,999 acre-feet.....organizations...	65	23	36	6	...	...	...
10,000 to 29,999 acre-feet.....organizations...	34	3	23	7	...	...	1
30,000 to 99,999 acre-feet.....organizations...	13	...	6	7	...	1	...
100,000 or more acre-feet.....organizations...	10	...	4	6	...	2	...

NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Snake River, King Hill, Idaho to American Falls, Idaho (I-G)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	104	68	28	6	2	3	...
1949...	101	70	23	7	1	NA	...
Service area, 1959:							
Area served, as reported by organizations.....acres...	823,424	42,089	599,043	107,650	74,642	(D)	...
Area irrigated, as reported by organizations.....acres...	744,437	31,109	539,423	105,658	68,247	(D)	...
Water users served, 1959, total.....water users...	27,582	436	24,873	1,626	647	(D)	...
Farm irrigation water users.....water users...	10,378	380	7,851	1,500	647	(D)	...
Residential water users.....water users...	17,196	54	17,017	125	...	(D)	...
Other water users.....water users...	8	2	5	1	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	93	62	24	6	1	3	...
Total water conveyed.....acre-feet...	4,329,487	128,851	2,918,726	1,045,609	236,301	(D)	...
Water delivered.....acre-feet...	3,209,225	108,825	2,068,721	814,657	217,022	(D)	...
To farm and residential users only.....organizations...	86	60	21	4	1	2	...
acre-feet...	1,093,482	96,883	330,816	448,761	217,022	(D)	...
To farm and residential users and other irrigation organizations.....organizations...	6	2	3	1	...	1	...
Water to farm and residential users.....acre-feet...	1,706,380	9,655	1,665,275	31,450	...	(D)	...
Water to other irrigation organizations.....acre-feet...	399,577	2,287	72,630	324,660	...	(D)	...
To other irrigation organizations only.....organizations...	1	...	...	1	...	...	...
acre-feet...	9,786	...	...	9,786	...	...	...
Part of water from other organizations.....organizations...	3	...	3	...	...	...	...
Total water conveyed.....acre-feet...	634,650	...	634,650	...	...	...	...
From surface and ground water sources.....acre-feet...	251,852	...	251,852	...	...	...	...
From other irrigation organizations.....acre-feet...	382,798	...	382,798	...	...	...	...
Water delivered.....acre-feet...	423,383	...	423,383	...	...	...	...
To farm and residential users only.....organizations...	3	...	3	...	...	...	...
acre-feet...	423,383	...	423,383	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	7	6	1	...	...	...	...
Total water conveyed.....acre-feet...	26,565	4,965	21,600	...	...	...	...
Water delivered.....acre-feet...	23,042	4,682	18,360	...	...	...	...
To farm and residential users only.....organizations...	7	6	1	...	...	...	...
acre-feet...	23,042	4,682	18,360	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	1	...	...	...	1	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	91	61	25	4	1	3	...
acres served...	796,505	35,765	584,623	101,475	74,642	(D)	...
acres irrigated...	717,328	25,495	522,803	100,783	68,247	(D)	...
water delivered to farms (acre-feet)...	3,141,713	88,489	2,381,296	454,906	217,022	(D)	...
acre-feet per acre...	4.4	3.5	4.6	4.5	3.2	(D)	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	11	7	3	1	...	...	...
acres served...	43,724	6,324	28,300	9,100	...	...	...
acres irrigated...	38,314	5,614	24,900	7,800	...	...	...
water delivered to farms (acre-feet)...	128,295	22,153	64,142	42,000	...	...	...
acre-feet per acre...	3.3	3.9	2.6	5.4	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	41	21	14	5	1	2	...
By U. S. B. R.....dollars...	9,909,290	...	...	...	9,909,290	...	...
By water users organizations.....dollars...	1,434,026	21,228	656,860	755,938	...	(D)	...

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Snake River, King Hill, Idaho to American Falls, Idaho (I-G)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	103	68	28	6	1	3	...
acre-feet...	4,581,339	128,851	3,170,578	1,045,609	236,301	(D)	...
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin...,.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	96	62	27	6	1	3	...
acre-feet...	4,581,339	128,851	3,170,578	1,045,609	236,301	(D)	...
Surface water.....organizations...	86	56	23	6	1	3	...
acre-feet...	4,313,721	107,821	3,145,422	1,014,709	45,769	(D)	...
Ground water.....organizations...	16	8	6	1	1	1	...
acre-feet...	267,618	21,030	25,156	30,900	190,532	(D)	...
From other organizations in the basin.....organizations receiving...	10	6	4	...	...	...	...
acre-feet...	409,363	4,965	404,398	...	...	...	...
Total leaving conveyance systems.....organizations...	103	68	29	5	1	3	...
acre-feet...	4,581,339	131,529	3,502,346	711,163	236,301	(D)	...
Conveyance loss in basin.....organizations...	84	56	21	6	1	3	...
acre-feet...	1,259,233	20,309	1,008,493	211,152	19,279	(D)	...
Conveyed to another drainage basin.....organizations...	3	...	2	1	...	...	...
acre-feet...	73,759	...	53,959	19,800	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	102	68	28	5	1	3	...
acre-feet...	3,248,347	111,220	2,439,894	480,211	217,022	(D)	...
To farm irrigation water users.....organizations...	102	68	28	5	1	3	...
acre-feet...	3,209,758	110,642	2,402,508	479,586	217,022	(D)	...
To domestic water users.....organizations...	16	7	8	1	...	1	...
acre-feet...	36,529	578	35,326	625	...	(D)	...
For other use.....organizations...	3	...	3	...	...	...	...
acre-feet...	2,060	...	2,060	...	...	...	...
Delivered to other irrigation organizations..... organizations delivering...	7	2	3	2	...	1	...
acre-feet...	409,363	2,287	72,630	334,446	...	(D)	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	2	...	...	1	1	(D)	...
1 to 3 water users.....organizations...	34	31	3	...	...	(D)	...
4 to 9 water users.....organizations...	34	29	5	...	...	(D)	...
10 to 29 water users.....organizations...	17	8	9	...	...	(D)	...
30 to 99 water users.....organizations...	6	...	3	3	...	(D)	...
100 to 299 water users.....organizations...	5	...	4	1	...	(D)	...
300 to 999 water users.....organizations...	2	...	1	...	1	(D)	...
1,000 or more water users.....organizations...	4	...	3	1	...	(D)	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	2	...	...	1	1	(D)	...
1 to 299 acre-feet.....organizations...	16	16	...	...	...	(D)	...
300 to 999 acre-feet.....organizations...	24	23	1	...	...	(D)	...
1,000 to 2,999 acre-feet.....organizations...	25	20	5	...	...	(D)	...
3,000 to 9,999 acre-feet.....organizations...	18	8	10	...	...	(D)	...
10,000 to 29,999 acre-feet.....organizations...	8	1	7	...	...	(D)	...
30,000 to 99,999 acre-feet.....organizations...	5	...	1	4	...	(D)	...
100,000 or more acre-feet.....organizations...	6	...	4	1	1	(D)	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	1	...	...	...	1	(D)	...
1 to 299 acre-feet.....organizations...	11	11	...	...	...	(D)	...
300 to 999 acre-feet.....organizations...	26	25	1	...	...	(D)	...
1,000 to 2,999 acre-feet.....organizations...	24	19	5	...	...	(D)	...
3,000 to 9,999 acre-feet.....organizations...	18	11	7	...	...	(D)	...
10,000 to 29,999 acre-feet.....organizations...	11	2	8	1	...	(D)	...
30,000 to 99,999 acre-feet.....organizations...	6	...	3	3	...	(D)	...
100,000 or more acre-feet.....organizations...	7	...	4	2	1	(D)	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 4.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Con.

Item (For definitions and explanations, see text)	Snake River above American Falls, Idaho (I-H)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	295	118	164	9	1	...	3
1949...	366	193	156	11	1	NA	5
Service area, 1959:							
Area served, as reported by organizations.....acres...	774,377	62,061	488,803	175,893	9,520	...	38,100
Area irrigated, as reported by organizations.....acres...	724,454	58,300	454,241	170,899	8,520	...	32,494
Water users served, 1959, total.....water users...	14,690	801	7,696	3,401	67	...	2,725
Farm irrigation water users.....water users...	11,133	627	6,478	2,901	67	...	1,060
Residential water users.....water users...	3,542	171	1,206	500	...	...	1,665
Other water users.....water users...	15	3	12	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	204	95	96	9	1	...	3
Total water conveyed.....acre-feet...	4,937,633	213,108	3,231,629	1,221,610	16,718	...	254,568
Water delivered.....acre-feet...	4,248,680	183,000	2,851,825	1,031,780	13,082	...	168,993
To farm and residential users only.....organizations...	185	93	80	8	1	...	3
acre-feet...	2,346,694	168,053	1,168,802	827,764	13,082	...	168,993
To farm and residential users and other irrigation organizations.....organizations...	18	2	15	1	...	...	...
Water to farm and residential users.....acre-feet...	645,941	7,481	458,460	180,000	...	...	...
Water to other irrigation organizations.....acre-feet...	1,118,105	7,466	1,086,623	24,016	...	...	...
To other irrigation organizations only.....organizations...	1	...	1	...	...	...	...
acre-feet...	137,940	...	137,940	...	...	...	...
Part of water from other organizations.....organizations...	21	1	20	...	...	...	...
Total water conveyed.....acre-feet...	661,723	13,388	648,335	...	...	...	...
From surface and ground water sources.....acre-feet...	[1]-8,241	5,438	[1]-13,679	...	...	...	...
From other irrigation organizations.....acre-feet...	669,964	7,950	662,014	...	...	...	...
Water delivered.....acre-feet...	598,808	12,007	586,801	...	...	...	...
To farm and residential users only.....organizations...	16	1	15	...	...	...	...
acre-feet...	295,216	12,007	283,209	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	5	...	5	...	...	...	...
Water to farm and residential users.....acre-feet...	256,506	...	256,506	...	...	...	...
Water to other irrigation organizations.....acre-feet...	47,086	...	47,086	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	69	22	47	...	...	...	...
Total water conveyed.....acre-feet...	872,711	32,488	840,223	...	...	...	...
Water delivered.....acre-feet...	792,539	29,268	763,271	...	...	...	...
To farm and residential users only.....organizations...	56	16	40	...	...	...	...
acre-feet...	423,396	26,222	397,174	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	11	4	7	...	...	...	...
Water to farm and residential users.....acre-feet...	138,164	359	137,805	...	...	...	...
Water to other irrigation organizations.....acre-feet...	229,530	1,238	228,292	...	...	...	...
To other irrigation organizations only.....organizations...	2	2	...	...	...	...	...
acre-feet...	1,449	1,449	...	...	...	...	...
No water conveyed.....organizations...	1	...	1	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	257	110	136	8	1	...	2
acres served...	646,559	60,428	398,503	170,008	9,520	...	8,100
acres irrigated...	602,600	56,667	369,905	165,014	8,520	...	2,494
water delivered to farms (acre-feet)...	3,502,672	206,753	2,302,160	973,557	13,082	...	7,120
acre-feet per acre...	5.8	3.6	6.2	5.9	1.5	...	2.9
Organizations reporting water from other sources used on land served by the organization.....organizations...	34	6	26	1	...	...	1
acres served...	129,188	1,633	91,670	5,885	...	...	30,000
acres irrigated...	123,224	1,633	85,706	5,885	...	...	30,000
water delivered to farms (acre-feet)...	581,427	6,889	388,731	29,807	...	...	156,000
acre-feet per acre...	4.7	4.2	4.5	5.1	...	...	5.2
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	137	36	95	5	...	...	1
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	1,622,892	34,887	1,205,545	206,460	...	...	176,000

See footnotes at end of table.

State Table 4.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Con.

Item (For definitions and explanations, see text)	Snake River above American Falls, Idaho (I-H)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	294	118	163	9	1	...	3
acre-feet...	4,937,957	218,546	3,226,515	1,221,610	16,718	...	254,568
From another drainage basin.....organizations...	8	2	6	...	...	...	...
acre-feet...	34,634	3,889	30,745	...	...	...	...
From drainage basin.....D. B. No....	...	...	I-H-3b	...	...	...	...
From sources within basin.....organizations...	218	95	110	9	1	...	3
acre-feet...	4,903,323	214,657	3,195,770	1,221,610	16,718	...	254,568
Surface water.....organizations...	202	84	105	9	1	...	3
acre-feet...	4,687,819	144,895	3,053,617	1,221,610	13,129	...	254,568
Ground water.....organizations...	25	15	9	...	1	...	...
acre-feet...	215,504	69,762	142,153	...	3,589	...	...
From other organizations in the basin.....organizations receiving...	89	23	66	...	...	...	...
acre-feet...	1,534,110	40,438	1,493,672	...	...	...	...
Total leaving conveyance systems.....organizations...	294	118	163	9	1	...	3
acre-feet...	4,937,957	248,831	3,220,246	1,197,594	16,718	...	254,568
Conveyance loss in basin.....organizations...	281	112	157	9	1	...	2
acre-feet...	822,691	34,437	509,213	189,830	3,636	...	85,575
Conveyed to another drainage basin.....organizations...	1	...	1	...	...	...	...
acre-feet...	3,800	...	3,800	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	291	116	162	9	1	...	3
acre-feet...	4,111,466	214,394	2,707,233	1,007,764	13,082	...	168,993
To farm irrigation water users.....organizations...	291	116	162	9	1	...	3
acre-feet...	4,081,691	213,642	2,688,483	1,003,364	13,082	...	163,120
To domestic water users.....organizations...	25	4	18	1	...	...	2
acre-feet...	24,226	480	13,473	4,400	...	...	5,873
For other use.....organizations...	9	3	6	...	...	...	...
acre-feet...	5,549	272	5,277	...	...	...	...
Delivered to other irrigation organizations..... organizations delivering...	36	8	27	1	...	...	...
acre-feet...	1,534,110	10,153	1,499,941	24,016	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	6	2	3	1	...	...	...
1 to 3 water users.....organizations...	56	52	4	...	...	...	...
4 to 9 water users.....organizations...	77	52	25	...	...	...	...
10 to 29 water users.....organizations...	84	11	71	1	...	...	1
30 to 99 water users.....organizations...	51	1	47	1	1	...	1
100 to 299 water users.....organizations...	14	...	12	2	...	...	...
300 to 999 water users.....organizations...	6	...	2	4	...	...	...
1,000 or more water users.....organizations...	1	...	...	...	...	...	1
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	4	2	2	...	...	...	...
1 to 299 acre-feet.....organizations...	40	35	5	...	...	...	...
300 to 999 acre-feet.....organizations...	36	31	5	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	52	31	20	...	...	...	1
3,000 to 9,999 acre-feet.....organizations...	85	17	66	1	...	...	1
10,000 to 29,999 acre-feet.....organizations...	44	2	39	2	1	...	...
30,000 to 99,999 acre-feet.....organizations...	26	...	24	2	...	...	...
100,000 or more acre-feet.....organizations...	8	...	3	4	...	...	1
Size of organization (acre-feet of water conveyed):							
None.....organizations...	1	...	1	...	...	...	...
1 to 299 acre-feet.....organizations...	36	32	4	...	...	...	...
300 to 999 acre-feet.....organizations...	32	29	3	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	52	34	18	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	76	19	54	1	...	...	2
10,000 to 29,999 acre-feet.....organizations...	51	3	47	...	1	...	...
30,000 to 99,999 acre-feet.....organizations...	32	1	28	3	...	...	...
100,000 or more acre-feet.....organizations...	15	...	9	5	...	...	1

NA Not available.
[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Bonneville Basin and Bear River (III-D and III-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	182	105	76	1	...	1	...
1949...	192	110	81	1	...	NA	...
Service area, 1959:							
Area served, as reported by organizations.....acres...	193,275	38,397	(D)	(D)	...	(D)	...
Area irrigated, as reported by organizations.....acres...	175,846	33,760	(D)	(D)	...	(D)	...
Water users served, 1959, total.....water users...	3,887	474	(D)	(D)	...	(D)	...
Farm irrigation water users:.....water users...	3,378	458	(D)	(D)	...	(D)	...
Residential water users.....water users...	505	16	(D)	...	...	...	...
Other water users.....water users...	4	...	(D)	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	152	93	58	1	...	1	...
Total water conveyed.....acre-feet...	591,214	96,819	(D)	(D)	...	(D)	...
Water delivered.....acre-feet...	459,367	81,807	(D)	(D)	...	(D)	...
To farm and residential users only.....organizations...	145	93	51	1	...	1	...
acre-feet...	319,851	81,807	(D)	(D)	...	(D)	...
To farm and residential users and other irrigation organizations.....organizations...	6	...	6	...	...	...	...
Water to farm and residential users.....acre-feet...	24,249	...	(D)	...	...	...	...
Water to other irrigation organizations.....acre-feet...	108,227	...	(D)	...	...	...	...
To other irrigation organizations only.....organizations...	1	...	1	...	...	...	...
acre-feet...	7,040	...	(D)	...	...	...	...
Part of water from other organizations.....organizations...	3	1	2	...	...	...	...
Total water conveyed.....acre-feet...	10,908	1,678	(D)	...	...	...	...
From surface and ground water sources.....acre-feet...	1-845	1,500	(D)	...	...	...	...
From other irrigation organizations.....acre-feet...	11,753	178	(D)	...	...	...	...
Water delivered.....acre-feet...	1,885	1,510	(D)	...	...	...	...
To farm and residential users only.....organizations...	3	1	2	...	...	...	...
acre-feet...	1,885	1,510	(D)	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	27	11	16	...	...	...	...
Total water conveyed.....acre-feet...	154,852	12,404	(D)	...	...	...	...
Water delivered.....acre-feet...	131,668	9,523	(D)	...	...	...	...
To farm and residential users only.....organizations...	24	11	13	...	...	...	...
acre-feet...	59,657	9,523	(D)	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	3	...	3	...	...	...	...
Water to farm and residential users.....acre-feet...	20,685	...	(D)	...	...	...	...
Water to other irrigation organizations.....acre-feet...	51,326	...	(D)	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	151	90	61	...	...	...	...
acres served...	174,301	34,958	(D)	...	...	...	...
acres irrigated...	158,849	30,321	(D)	...	...	...	...
water delivered to farms (acre-feet)...	409,235	86,488	(D)	...	...	...	...
acre-feet per acre...	2.6	2.9	(D)	...	...	...	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	30	15	14	1	...	1	...
acres served...	43,320	3,799	(D)	(D)	...	(D)	...
acres irrigated...	40,203	3,799	(D)	(D)	...	(D)	...
water delivered to farms (acre-feet)...	61,912	6,967	(D)	(D)	...	(D)	...
acre-feet per acre...	1.5	1.8	(D)	(D)	...	(D)	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	53	25	28	...	...	1	...
By U. S. B. R. .....dollars...	7,600	...	(D)	...	...	...	...
By water users organizations.....dollars...	987,767	81,465	(D)	...	...	...	...

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Bonneville Basin and Bear River (III-D and III-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	182	105	76	1	...	1	...
acre-feet...	590,381	98,319	(D)	(D)	...	7,350	...
From another drainage basin.....organizations...	3	...	3	...	...	...	...
acre-feet...	6,835	...	(D)	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	153	94	58	1	...	1	...
acre-feet...	583,546	98,319	(D)	(D)	...	7,350	...
Surface water.....organizations...	134	79	54	1	...	1	...
acre-feet...	563,319	89,202	(D)	(D)	...	7,350	...
Ground water.....organizations...	21	16	5	...	...	...	...
acre-feet...	20,227	9,117	(D)	...	...	...	...
From other organizations in the basin.....organizations receiving...	30	12	18	...	...	...	...
acre-feet...	166,593	12,582	(D)	...	...	...	...
Total leaving conveyance systems.....organizations...	182	105	76	1	...	1	...
acre-feet...	590,381	110,901	(D)	(D)	...	7,350	...
Conveyance loss in basin.....organizations...	176	102	73	1	...	1	...
acre-feet...	86,442	17,261	(D)	(D)	...	1,690	...
Conveyed to another drainage basin.....organizations...	9	1	8	...	...	...	...
acre-feet...	77,600	800	(D)	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	181	105	75	1	...	1	...
acre-feet...	426,339	92,840	(D)	(D)	...	5,660	...
To farm irrigation water users.....organizations...	181	105	75	1	...	1	...
acre-feet...	423,754	92,840	(D)	(D)	...	5,660	...
To domestic water users.....organizations...	13	...	13	...	...	...	...
acre-feet...	2,573	...	(D)	...	...	...	...
For other use.....organizations...	2	...	2	...	...	...	...
acre-feet...	12	...	12	...	...	...	...
Delivered to other irrigation organizations.....organizations delivering...	10	...	10	...	...	...	...
acre-feet...	166,593	...	(D)	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	4	2	(D)	(D)	...	...	...
1 to 3 water users.....organizations...	53	52	(D)	(D)	...	...	...
4 to 9 water users.....organizations...	49	41	(D)	(D)	...	...	...
10 to 29 water users.....organizations...	48	10	(D)	(D)	...	...	...
30 to 99 water users.....organizations...	19	...	(D)	(D)	...	...	...
100 to 299 water users.....organizations...	8	...	(D)	(D)	...	1	...
300 to 999 water users.....organizations...	...	...	...	...	...	...	...
1,000 or more water users.....organizations...	1	...	(D)	(D)	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	1	...	(D)	(D)	...	...	...
1 to 299 acre-feet.....organizations...	31	28	(D)	(D)	...	1	...
300 to 999 acre-feet.....organizations...	61	49	(D)	(D)	...	...	...
1,000 to 2,999 acre-feet.....organizations...	49	21	(D)	(D)	...	...	...
3,000 to 9,999 acre-feet.....organizations...	32	7	(D)	(D)	...	...	...
10,000 to 29,999 acre-feet.....organizations...	5	...	(D)	(D)	...	...	...
30,000 to 99,999 acre-feet.....organizations...	3	...	(D)	(D)	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	25	24	(D)	(D)	...	...	...
300 to 999 acre-feet.....organizations...	54	43	(D)	(D)	...	...	...
1,000 to 2,999 acre-feet.....organizations...	58	31	(D)	(D)	...	...	...
3,000 to 9,999 acre-feet.....organizations...	31	7	(D)	(D)	...	1	...
10,000 to 29,999 acre-feet.....organizations...	8	...	(D)	(D)	...	...	...
30,000 to 99,999 acre-feet.....organizations...	6	...	(D)	(D)	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.
[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Idaho, total				Columbia River above Snake River excluding Yakima River, and Snake River below Weiser, Idaho (I-C and I-E)			
		Size of organization, by total water conveyed							
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations....organizations...	293	438	166	30	41	71	7	...
	TYPE OF SERVICE								
2	All water directly from surface and ground sources....organizations...	246	343	114	23	39	67	4	...
3	Total water conveyed....acre-feet...	104,098	1,231,995	3,281,959	8,663,006	19,187	278,843	133,462	...
4	Water delivered....acre-feet...	90,619	1,044,096	2,599,583	6,859,467	16,732	232,074	64,596	...
5	To farm and residential users only....organizations...	244	332	87	10	39	66	3	...
6	acre-feet...	88,959	1,007,029	1,788,095	1,756,658	16,732	228,961	48,187	...
7	To farm and residential users and other irrigation organizations....organizations...	1	9	25	12	...	1	...	...
8	Water to farm and residential users....acre-feet...	570	15,146	315,156	3,480,171	...	1,656	...	...
9	Water to other irrigation organizations....acre-feet...	266	13,755	470,137	1,484,698	...	1,457	...	...
10	To other irrigation organizations only....organizations...	1	2	2	1	...	...	1	...
11	acre-feet...	824	8,166	26,195	137,940	...	...	16,409	...
12	Part of water from other organizations....organizations...	8	28	23	6	...	2	2	...
13	Total water conveyed....acre-feet...	2,024	137,411	717,622	1,439,888	...	5,548	36,075	...
14	From surface and ground water sources....acre-feet...	391	7,739	205,410	657,575	...	433	8,923	...
15	From other irrigation organizations....acre-feet...	1,633	129,672	512,212	782,313	...	5,115	27,152	...
16	Water delivered....acre-feet...	1,831	115,055	727,255	1,162,645	...	5,188	35,215	...
17	To farm and residential users only....organizations...	8	28	17	4	...	2	1	...
18	acre-feet...	1,831	115,055	589,238	929,445	...	5,188	12,900	...
19	To farm and residential users and other irrigation organizations....organizations...	...	...	6	2	...	...	1	...
20	Water to farm and residential users....acre-feet...	...	...	74,849	208,804	...	...	...	...
21	Water to other irrigation organizations....acre-feet...	...	...	63,168	24,396	...	...	22,315	...
22	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...
24	All of water from other organizations....organizations...	32	67	29	1	2	2	1	...
25	Total water conveyed....acre-feet...	15,083	259,839	655,684	217,867	911	5,281	15,498	...
26	Water delivered....acre-feet...	13,640	224,905	565,921	211,807	869	4,371	...	...
27	To farm and residential users only....organizations...	27	66	20	...	2	2	1	...
28	acre-feet...	11,619	223,880	339,620	...	869	4,371	...	...
29	To farm and residential users and other irrigation organizations....organizations...	4	...	9	1	...	...	...	...
30	Water to farm and residential users....acre-feet...	359	...	111,278	47,212	...	...	...	...
31	Water to other irrigation organizations....acre-feet...	1,238	...	115,023	164,595	...	...	...	...
32	To other irrigation organizations only....organizations...	1	1	...	...	...	...	...	...
33	acre-feet...	424	1,025	...	...	...	...	...	...
34	No water conveyed....organizations...	7	...	...	...	...	...	...	...
	WATER FROM OTHER SOURCES								
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	253	381	133	26	36	56	5	...
36	acres served...	53,774	363,610	578,841	1,106,242	7,745	49,484	17,372	...
37	acres irrigated...	41,893	318,767	516,250	1,061,856	5,171	44,003	15,416	...
38	Organizations reporting water from other sources used on land served by the organization....organizations...	31	55	30	3	5	15	1	...
39	acres served...	10,220	72,346	148,712	192,467	1,935	10,316	3,000	...
40	acres irrigated...	8,316	61,769	141,098	192,467	820	10,266	1,850	...
	NEW CAPITAL INVESTMENT, 1950-1959								
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	71	201	88	22	16	43	4	...
42	dollars...	7,433,764	2,314,938	2,396,072	12,383,085	317,959	1,307,608	25,000	...
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
43	Total entering conveyance systems in basin....organizations...	286	438	166	30	41	71	7	...
44	acre-feet...	104,501	1,239,734	3,487,369	9,383,022	19,187	283,100	152,337	...
45	From another drainage basin....organizations...	1	8	1	1	...	1	1	...
46	acre-feet...	35	29,069	10,000	101,201	...	3,824	22,315	...
47	From Drainage Basin number....D. B. No....	...	...	...	...	...	...	...	...
48	From natural sources within basin....organizations...	253	363	137	30	39	68	6	...
49	acre-feet...	104,466	1,210,665	3,477,369	9,281,821	19,187	279,276	130,022	...
50	Surface water....organizations...	229	345	131	29	38	69	5	...
51	acre-feet...	93,792	1,114,737	3,291,725	9,026,806	18,463	279,276	130,022	...
52	Ground water....organizations...	26	27	10	6	1	...	...	...
53	acre-feet...	10,674	95,928	185,644	255,015	724	...	...	...
54	*From other organizations in the basin....organizations receiving...*	40	95	49	7	2	3	2	...
55	*acre-feet...*	16,704	389,511	1,167,896	937,739	911	6,572	32,698	...
56	Total leaving conveyance systems....organizations...	286	438	166	30	41	71	7	...
57	acre-feet...	118,453	1,606,299	3,980,742	8,509,132	20,098	288,215	146,311	...
58	Conveyance loss in basin....organizations...	252	408	153	28	34	65	5	...
59	acre-feet...	14,528	235,274	629,430	2,068,952	2,497	47,959	32,885	...
60	Conveyed to another drainage basin....organizations...	1	5	5	1	...	...	2	...
61	acre-feet...	320	5,825	127,555	11,957	...	...	52,339	...
62	To drainage basin number....D. B. No....	...	...	...	...	...	...	...	...
63	Delivered for use in the basin....organizations...	284	435	163	29	41	71	4	...
64	acre-feet...	103,605	1,365,200	3,223,757	6,428,223	17,601	240,256	61,087	...
65	To farm irrigation water users....organizations...	284	435	163	29	41	71	4	...
66	acre-feet...	100,854	1,323,234	3,181,618	6,278,955	16,911	230,860	61,087	...
67	To residential water users....organizations...	18	52	25	12	5	5	...	...
68	acre-feet...	2,484	37,876	36,618	143,335	690	9,316	...	...
69	For other use....organizations...	2	18	3	6	...	1	...	...
70	acre-feet...	267	4,090	5,521	5,933	...	80	...	...
71	*Delivered to other irrigation organizations....organizations delivering...*	7	11	42	16	...	1	2	...
72	*acre-feet...*	2,752	22,946	674,523	1,811,629	...	1,457	38,724	...
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959								
73	Per acre irrigated, as reported by irrigation organization: All organizations....acre-feet...	2.0	3.5	4.8	5.2	4.4	5.4	2.9	...
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	253	381	133	26	36	56	5	...
75	acre-feet...	1.6	3.7	4.9	5.1	2.8	4.4	2.5	...

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	Snake River, Weiser, Idaho to King Hill, Idaho (I-F)				Snake River, King Hill, Idaho to American Falls, Idaho (I-G)			
		Size of organization, by total water conveyed							
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations....organizations...	66	111	47	10	38	42	17	7
	TYPE OF SERVICE								
2	All water directly from surface and ground sources....organizations...	50	74	40	7	34	39	14	6
3	Total water conveyed....acre-feet...	18,950	261,987	873,731	1,914,123	14,366	133,747	366,767	3,814,607
4	Water delivered....acre-feet...	17,156	223,208	648,300	1,474,427	12,464	114,739	278,801	2,803,221
5	To farm and residential users only....organizations...	49	71	31	...	34	38	11	3
6	acre-feet...	16,332	214,040	356,462	...	12,464	112,598	249,281	719,139
7	To farm and residential users and other irrigation organizations....organizations...	...	2	9	7	...	1	2	3
8	Water to farm and residential users....acre-feet...	...	3,992	136,193	1,292,632	...	1,259	15,651	1,689,470
9	Water to other irrigation organizations....acre-feet...	...	4,050	155,645	181,795	...	882	4,083	394,612
10	To other irrigation organizations only....organizations...	1	1	...	...	...	...	1	...
11	acre-feet...	824	1,126	...	...	...	...	9,786	...
12	Part of water from other organizations....organizations...	7	19	7	3	...	...	2	1
13	Total water conveyed....acre-feet...	1,889	82,838	248,329	645,865	...	...	98,690	535,960
14	From surface and ground water sources....acre-feet...	368	3,669	169,521	457,798	...	...	40,552	211,300
15	From other irrigation organizations....acre-feet...	1,521	79,169	78,808	188,067	...	...	58,138	324,660
16	Water delivered....acre-feet...	1,756	68,965	290,853	580,733	...	...	74,671	348,712
17	To farm and residential users only....organizations...	7	19	4	3	...	...	2	1
18	acre-feet...	1,756	68,965	245,543	580,733	...	...	74,671	348,712
19	To farm and residential users and other irrigation organizations....organizations...	...	...	3	...	...	...	...	...
20	Water to farm and residential users....acre-feet...	...	...	27,147	...	...	...	...	...
21	Water to other irrigation organizations....acre-feet...	...	...	18,163	...	...	...	...	...
22	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...
24	All of water from other organizations....organizations...	4	18	...	...	3	3	1	...
25	Total water conveyed....acre-feet...	2,309	74,170	...	...	1,093	3,872	21,600	...
26	Water delivered....acre-feet...	2,228	61,556	...	...	1,000	3,682	18,360	...
27	To farm and residential users only....organizations...	4	18	...	...	3	3	1	...
28	acre-feet...	2,228	61,556	...	...	1,000	3,682	18,360	...
29	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...	...	...	...	...
30	Water to farm and residential users....acre-feet...	...	...	...	...	...	...	...	...
31	Water to other irrigation organizations....acre-feet...	...	...	...	...	...	...	...	...
32	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...	...	...
34	No water conveyed....organizations...	5	...	...	...	1	...	...	...
	WATER FROM OTHER SOURCES								
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	58	96	40	8	33	40	11	7
36	acres served...	10,879	74,379	142,596	542,447	7,461	39,747	111,953	637,344
37	acres irrigated...	8,399	67,207	140,985	533,008	4,823	27,595	69,759	615,151
38	Organizations reporting water from other sources used on land served by the organization....organizations...	2	14	7	2	4	2	5	...
39	acres served...	1,334	11,309	19,452	162,467	1,659	1,720	40,345	...
40	acres irrigated...	925	9,769	18,112	162,467	1,579	1,090	35,645	...
	NEW CAPITAL INVESTMENT, 1950-1959								
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	18	47	19	5	9	19	9	4
42	dollars...	7,040,111	260,414	468,002	1,147,190	6,265	73,294	640,043	10,623,714
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
43	Total entering conveyance systems in basin....organizations...	61	111	46	10	37	42	17	7
44	acre-feet...	19,318	265,656	1,043,252	2,434,362	14,366	133,747	407,319	4,025,907
45	From another drainage basin....organizations...	...	...	2	3	...	...	...	...
46	acre-feet...	...	...	29,800	155,160	...	...	...	...
47	From Drainage Basin number....D. B. No....	...	...	...	...	...	...	...	...
48	From natural sources within basin....organizations...	57	92	46	8	34	39	16	7
49	acre-feet...	19,318	265,656	1,013,452	2,279,202	14,366	133,747	407,319	4,025,907
50	Surface water....organizations...	56	91	46	8	33	30	16	7
51	acre-feet...	19,033	255,720	1,011,268	2,248,419	14,266	90,719	404,461	3,804,275
52	Ground water....organizations...	1	2	1	2	1	11	1	3
53	acre-feet...	285	9,936	2,184	30,783	100	43,028	2,858	221,632
54	*From other organizations in the basin....organizations receiving...*	11	37	5	2	3	3	3	1
55	*acre-feet...*	3,830	153,339	78,808	125,626	1,093	3,872	79,738	324,660
56	Total leaving conveyance systems....organizations...	61	111	46	10	37	42	17	7
57	acre-feet...	22,324	413,819	948,252	2,378,193	15,459	136,737	473,188	3,955,955
58	Conveyance loss in basin....organizations...	50	100	40	10	29	33	16	6
59	acre-feet...	2,008	59,339	145,608	489,522	1,995	18,458	95,425	1,143,355
60	Conveyed to another drainage basin....organizations...	...	1	2	1	...	...	1	2
61	acre-feet...	...	3,824	34,641	11,957	...	...	19,800	53,959
62	To drainage basin number....D. B. No....	...	...	...	...	...	...	...	...
63	Delivered for use in the basin....organizations...	60	109	47	10	37	42	17	6
64	acre-feet...	20,316	350,656	768,003	1,876,714	13,464	118,279	357,963	2,758,641
65	To farm irrigation water users....organizations...	60	109	47	10	37	42	17	6
66	acre-feet...	20,171	330,465	738,909	1,771,055	13,121	114,743	357,698	2,724,196
67	To residential water users....organizations...	2	21	14	6	5	5	2	4
68	acre-feet...	145	18,088	26,436	102,310	343	2,796	265	33,125
69	For other use....organizations...	...	8	3	3	...	2	...	1
70	acre-feet...	...	2,103	2,658	3,349	...	740	...	1,320
71	*Delivered to other irrigation organizations....organizations delivering...*	1	3	12	5	...	1	3	3
72	*acre-feet...*	824	5,176	173,808	181,795	...	882	13,869	394,612
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959								
	Per acre irrigated, as reported by irrigation organization:								
73	All organizations....acre-feet...	2.2	4.3	4.2	5.5	2.0	4.0	3.5	4.5
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	58	96	40	8	33	40	11	7
75	acre-feet...	2.3	4.4	5.1	5.0	2.3	3.6	3.6	4.5

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	Snake River above American Falls, Idaho (I-H)				Bonneville Basin and Bear River (III-D and III-E)			
		Size of organization, by total water conveyed							
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations....organizations...	69	128	83	15	79	89	14	...
	TYPE OF SERVICE								
2	All water directly from surface and ground sources....organizations...	53	90	49	12	70	73	9	...
3	Total water conveyed....acre-feet...	20,734	335,586	1,593,078	2,988,235	30,861	225,632	334,721	...
4	Water delivered....acre-feet...	17,528	288,101	1,361,232	2,581,819	26,739	185,974	246,654	...
5	To farm and residential users only....organizations...	52	87	39	7	70	70	5	...
6	acre-feet...	16,692	276,912	1,015,571	1,037,519	26,739	174,518	118,594	...
7	To farm and residential users and other irrigation organizations....organizations...	1	3	10	4	...	2	4	...
8	Water to farm and residential users....acre-feet...	570	4,839	142,463	498,069	...	3,400	20,849	...
9	Water to other irrigation organizations....acre-feet...	266	6,350	203,198	908,291	...	1,016	107,211	...
10	To other irrigation organizations only....organizations...	...	...	...	1	...	1	...	...
11	acre-feet...	...	...	...	137,940	...	7,040	...	...
12	Part of water from other organizations....organizations...	...	7	12	2	1	2	...	...
13	Total water conveyed....acre-feet...	...	46,817	356,843	258,063	135	10,773	...	...
14	From surface and ground water sources....acre-feet...	...	4,505	[1]-1,223	[1]-11,523	23	[1]-868	...	...
15	From other irrigation organizations....acre-feet...	...	42,312	358,066	269,586	112	11,641	...	...
16	Water delivered....acre-feet...	...	39,092	326,516	233,200	75	1,810	...	...
17	To farm and residential users only....organizations...	...	7	9	...	1	2	...	...
18	acre-feet...	...	39,092	256,124	...	75	1,810	...	...
19	To farm and residential users and other irrigation organizations....organizations...	...	...	3	2	...	...	...	...
20	Water to farm and residential users....acre-feet...	...	...	47,702	208,804	...	...	...	...
21	Water to other irrigation organizations....acre-feet...	...	...	22,690	24,396	...	...	...	...
22	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...
24	All of water from other organizations....organizations...	15	31	22	1	8	14	5	...
25	Total water conveyed....acre-feet...	5,302	134,463	515,079	217,867	5,468	45,877	103,507	...
26	Water delivered....acre-feet...	4,760	120,406	455,566	211,807	4,783	34,890	91,995	...
27	To farm and residential users only....organizations...	10	30	16	...	8	14	2	...
28	acre-feet...	2,739	119,381	301,276	...	4,783	34,890	19,984	...
29	To farm and residential users and other irrigation organizations....organizations...	4	...	6	1	...	...	3	...
30	Water to farm and residential users....acre-feet...	359	...	90,593	47,212	...	...	20,685	...
31	Water to other irrigation organizations....acre-feet...	1,238	...	63,697	164,595	...	...	51,326	...
32	To other irrigation organizations only....organizations...	1	1	...	...	...	...	...	...
33	acre-feet...	424	1,025	...	...	...	...	...	...
34	No water conveyed....organizations...	1	...	...	...	...	...	...	...
	WATER FROM OTHER SOURCES								
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	64	113	67	13	62	76	13	...
36	acres served...	12,690	107,683	250,835	275,351	14,999	93,217	66,085	...
37	acres irrigated...	11,822	96,876	236,905	256,997	11,678	83,986	63,185	...
38	Organizations reporting water from other sources used on land served by the organization....organizations...	3	14	16	1	17	12	1	...
39	acres served...	453	25,070	73,665	30,000	4,839	26,231	12,250	...
40	acres irrigated...	453	19,530	73,241	30,000	4,539	23,414	12,250	...
	NEW CAPITAL INVESTMENT, 1950-1959								
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	13	64	49	11	17	28	8	...
42	dollars...	13,670	159,545	837,496	612,181	57,190	512,646	425,531	...
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
43	Total entering conveyance systems in basin....organizations...	68	128	83	15	79	89	14	...
44	acre-feet...	20,734	348,656	1,591,855	2,976,712	30,896	224,764	334,721	...
45	From another drainage basin....organizations...	...	8	...	...	1	2	...	...
46	acre-feet...	...	34,634	...	...	35	6,800	...	...
47	From Drainage Basin number....D. B. No....	...	...	...	...	...	...	...	...
48	From natural sources within basin....organizations...	53	90	61	14	70	74	9	...
49	acre-feet...	20,734	314,022	1,591,855	2,976,712	30,861	217,964	334,721	...
50	Surface water....organizations...	48	85	55	14	54	71	9	...
51	acre-feet...	18,868	283,586	1,411,253	2,974,112	23,162	205,436	334,721	...
52	Ground water....organizations...	7	9	8	1	16	5	...	...
53	acre-feet...	1,866	30,436	180,602	2,600	7,699	12,528	...	...
54	*From other organizations in the basin....organizations receiving...*	15	37	34	3	9	16	5	...
55	*acre-feet...*	5,302	168,210	873,145	487,453	5,568	57,518	103,507	...
56	Total leaving conveyance systems....organizations...	68	128	83	15	79	89	14	...
57	acre-feet...	24,108	509,491	2,175,415	2,228,943	36,464	274,226	279,691	...
58	Conveyance loss in basin....organizations...	62	125	79	15	77	86	13	...
59	acre-feet...	3,481	64,312	318,823	436,075	4,547	45,206	36,689	...
60	Conveyed to another drainage basin....organizations...	...	1	...	...	1	6	2	...
61	acre-feet...	...	3,800	...	...	320	14,390	62,890	...
62	To drainage basin number....D. B. No....	...	...	...	...	...	...	...	...
63	Delivered for use in the basin....organizations...	67	126	83	15	79	88	14	...
64	acre-feet...	20,627	441,379	1,856,592	1,792,868	31,597	214,630	180,112	...
65	To farm irrigation water users....organizations...	67	126	83	15	79	88	14	...
66	acre-feet...	19,054	435,121	1,843,812	1,783,704	31,597	212,045	180,112	...
67	To residential water users....organizations...	6	8	9	2	...	13	...	...
68	acre-feet...	1,306	5,103	9,917	7,900	...	2,573	...	...
69	For other use....organizations...	2	5	1	1	...	2	...	...
70	acre-feet...	267	1,155	2,863	1,264	...	12	...	...
71	*Delivered to other irrigation organizations....organizations delivering...*	6	4	19	7	...	3	7	...
72	*acre-feet...*	1,928	7,375	289,585	1,235,222	...	8,056	158,537	...
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959								
	Per acre irrigated, as reported by irrigation organization:								
73	All organizations....acre-feet...	1.6	3.8	5.9	6.2	2.0	2.0	3.1	...
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	64	113	67	13	62	76	13	...
75	acre-feet...	1.6	4.0	6.2	6.3	2.1	2.2	3.2	...

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

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State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	Kansas and Oklahoma, total	Mississippi River excluding Arkansas and Missouri Rivers including Red River direct below Lake Texhoma (VI-A and VI-Aa)	Arkansas River (VI-B)						Missouri River below Three Forks, Montana, excluding Platte and Yellowstone Rivers (VI-C)		
				Total	Direct (1a)	Canadian River (2a)	Cimarron River (3)	Pawnee River (4)	Whitewoman Creek (5)	Total	Direct (1a)	Kansas River (2)
1	Total acres irrigated in Census year.....1959...	959,733	127,000	652,000	226,000	51,000	262,000	34,000	79,000	181,000	1,000	180,000
2	1949...	185,201	36,996	139,834	78,184	4,627	23,401	9,039	24,583	8,371	...	8,371
3	Irrigation organizations.....organizations 1959...	16	2	9	9	...	...	...	...	5	...	5
4	1949...	13	1	11	10	...	1	...	...	1	...	1
	Service area, 1959:											
5	Farm area reported served by organizations.....acres 1959...	155,047	(D)	64,186	64,186	...	...	...	...	(D)	...	(D)
6	Farm area reported irrigated by organizations.....acres 1959...	106,468	(D)	46,304	46,304	...	...	...	...	(D)	...	(D)
7	Water users served, total.....water users 1959...	1,105	(D)	320	320	...	...	...	...	(D)	...	(D)
8	Farm irrigation water users.....water users 1959...	1,104	...	320	320	...	...	...	...	(D)	...	(D)
9	Residential water users.....water users 1959...	...	...	...	...	...	...	...	...	...	...	...
10	Other water users.....water users 1959...	1	1	...	...	...	...	...	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959											
11	Ground water sources.....acres...	823,171	83,000	603,000	185,000	50,000	261,000	30,000	77,000	138,000	1,000	136,000
12	Surface water sources.....acres...	136,562	44,000	49,000	41,000	1,000	1,000	4,000	2,000	43,000	...	44,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959											
13	Total entering conveyance systems in basin.....organizations...	14	2	9	9	...	...	...	...	3	...	3
14	acre-feet...	237,995	(D)	118,694	118,694	...	...	...	...	(D)	...	(D)
15	From another drainage basin.....organizations...	1	...	...	...	...	...	...	...	1	...	1
16	acre-feet...	31,047	...	...	...	...	...	...	...	(D)	...	(D)
17	From drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...	...	(D)
18	From natural sources within basin...organizations...	14	2	9	9	...	...	...	...	3	...	3
19	acre-feet...	206,948	(D)	118,694	118,694	...	...	...	...	(D)	...	(D)
20	Surface water.....organizations...	14	2	9	9	...	...	...	...	3	...	3
21	acre-feet...	206,948	(D)	118,694	118,694	...	...	...	...	(D)	...	(D)
22	Ground water.....organizations...	...	...	...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...	...	...	...
24	*From other organizations in the basin.....organizations receiving...*	1	1	...	...	...	...	...	...	...	...	...
25	*acre-feet...*	55,294	(D)	...	...	...	...	...	...	...	...	...
26	Total leaving conveyance systems.....organizations...	14	2	9	9	...	...	...	...	3	...	3
27	acre-feet...	237,995	(D)	118,694	118,694	...	...	...	...	(D)	...	(D)
28	Conveyance loss in basin.....organizations...	12	1	8	8	...	...	...	...	3	...	3
29	acre-feet...	71,773	(D)	27,095	27,095	...	...	...	...	(D)	...	(D)
30	Conveyed to another drainage basin..organizations...	...	...	...	...	...	...	...	...	...	...	...
31	acre-feet...	...	...	...	...	...	...	...	...	...	...	...
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	13	1	9	9	...	...	...	...	3	...	3
34	acre-feet...	166,222	(D)	91,599	91,599	...	...	...	...	(D)	...	(D)
35	To farm irrigation water users...organizations...	13	1	9	9	...	...	...	...	3	...	3
36	acre-feet...	162,301	(D)	91,599	91,599	...	...	...	...	(D)	...	(D)
37	To residential water users.....organizations...	...	...	...	...	...	...	...	...	...	...	...
38	acre-feet...	...	...	...	...	...	...	...	...	...	...	...
39	For other use.....organizations...	1	1	...	...	...	...	...	...	...	...	...
40	acre-feet...	3,921	(D)	...	...	...	...	...	...	...	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	1	1	...	...	...	...	...	...	...	...	...
42	*acre-feet...*	55,294	(D)	...	...	...	...	...	...	...	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	1.9	(D)	2.0	2.0	...	...	...	...	(D)	...	(D)
	NEW CAPITAL INVESTMENT, 1950-1959											
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	11	2	4	4	...	...	...	...	5	...	5
45	dollars...	42,311,394	(D)	66,450	66,450	...	...	...	...	(D)	...	(D)

D Data not shown to avoid disclosure of information for individual organizations.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	Kansas and Oklahoma, total
Irrigation organizations, total number.....organizations 1959...	16
1949...	13
Area irrigated as reported by organizations.....acres 1959...	106,468
1949...	78,489
Farm water users served directly.....water users 1959...	1,104
Total water conveyed.....acre-feet 1959...	293,289
TYPE OF ORGANIZATION	
Mutual:	
Unincorporated.....organizations 1959...	2
1949...	4
Farm area irrigated directly.....acres 1959...	(D)
Farm water users served directly.....water users 1959...	(D)
Total water conveyed.....acre-feet 1959...	(D)
Incorporated.....organizations 1959...	8
1949...	8
Farm area irrigated directly.....acres 1959...	45,774
Farm water users served directly.....water users 1959...	307
Total water conveyed.....acre-feet 1959...	117,634
District.....organizations 1959...	2
1949...	...
Farm area irrigated directly.....acres 1959...	(D)
Farm water users served directly.....water users 1959...	(D)
Total water conveyed.....acre-feet 1959...	(D)
U.S. Bureau of Reclamation; projects and storage systems operated by bureau.....organizations 1959...	4
1949...	1
Farm area irrigated directly.....acres 1959...	6,470
Farm water users served directly.....water users 1959...	120
Total water conveyed.....acre-feet 1959...	75,140
U. S. Bureau of Reclamation; operated by water users.....organizations 1959...	2
1949...	1
Farm area irrigated directly.....acres 1959...	(D)
Farm water users served directly.....water users 1959...	(D)
Total water conveyed.....acre-feet 1959...	(D)
U. S. Bureau of Indian Affairs.....organizations 1959...	...
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...
Commercial.....organizations 1959...	...
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...
State.....organizations 1959...	...
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...
City.....organizations 1959...	...
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...

Item (For definitions and explanations, see text)	Kansas and Oklahoma, total
TYPE OF SERVICE, 1959	
All water directly from surface and ground water sources.....organizations...	12
Total water conveyed.....acre-feet...	193,854
Water delivered.....acre-feet...	156,377
To farm and residential users only.....organizations...	11
acre-feet...	101,083
To farm and residential users and other irrigation organizations.....organizations...	...
Water to farm and residential users.....acre-feet...	...
Water to other irrigation organizations.....acre-feet...	...
To other irrigation organizations only.....organizations...	1
acre-feet...	55,294
Part of water from other organizations.....organizations...	2
Total water conveyed.....acre-feet...	99,435
From surface and ground water sources.....acre-feet...	13,094
From other irrigation organizations.....acre-feet...	86,341
Water delivered.....acre-feet...	61,218
To farm and residential users only.....organizations...	2
acre-feet...	61,218
To farm and residential users and other irrigation organizations.....organizations...	...
Water to farm and residential users.....acre-feet...	...
Water to other irrigation organizations.....acre-feet...	...
To other irrigation organizations only.....organizations...	...
acre-feet...	...
All of water from other organizations.....organizations...	...
Total water conveyed.....acre-feet...	...
Water delivered.....acre-feet...	...
To farm and residential users only.....organizations...	...
acre-feet...	...
To farm and residential users and other irrigation organizations.....organizations...	...
Water to farm residential users.....acre-feet...	...
Water to other irrigation organizations.....acre-feet...	...
To other irrigation organizations only.....organizations...	...
acre-feet...	...
No water conveyed.....organizations...	2
WATER FROM OTHER SOURCES	
Organizations reporting no water from other sources used on land served by the organization.....organizations...	10
acres served...	133,631
acres irrigated...	90,578
Water delivered to farms.....acre-feet...	122,981
acre-feet per acre...	1.4
Organizations reporting water from other sources used on land served by the organization.....organizations...	3
acres served...	21,416
acres irrigated...	15,890
Water delivered to farms.....acre-feet...	39,320
acre-feet per acre...	2.5

D Data not shown to avoid disclosure of information for individual organizations.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

Item (For definitions and explanations, see text)	Kansas and Oklahoma, total
WATER DELIVERED PER ACRE	
Organizations reporting NO water from other sources used on same land:	
0.1 to 0.9 acre-feet per acre.....organizations...	3
acres irrigated...	40,954
1.0 to 1.9 acre-feet per acre.....organizations...	5
acres irrigated...	40,340
2.0 to 2.9 acre-feet per acre.....organizations...	1
acres irrigated...	6,884
3.0 to 3.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
4.0 to 4.9 acre-feet per acre.....organizations...	1
acres irrigated...	2,400
5.0 to 5.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
6.0 to 6.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
7.0 to 7.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
8.0 to 9.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
10.0 or more acre-feet per acre.....organizations...	...
acres irrigated...	...
SIZE OF ORGANIZATION	
Size of organization (number of farm irrigation water users served directly):	
None.....organizations...	3
1 to 3.....organizations...	...
water users...	...
4 to 9.....organizations...	1
water users...	4
10 to 29.....organizations...	5
water users...	73
30 to 99.....organizations...	4
water users...	247
100 to 299.....organizations...	2
water users...	357
300 to 999.....organizations...	1
water users...	423
1,000 or more.....organizations...	...
water users...	...

Item (For definitions and explanations, see text)	Kansas and Oklahoma, total
SIZE OF ORGANIZATION—Continued	
Size of organization (acre-feet of water delivered directly to farms):	
None.....organizations...	3
1 to 299 acre-feet.....organizations...	1
acre-feet...	19
300 to 999 acre-feet.....organizations...	1
acre-feet...	800
1,000 to 2,999 acre-feet.....organizations...	1
acre-feet...	1,807
3,000 to 9,999 acre-feet.....organizations...	3
acre-feet...	17,295
10,000 to 29,999 acre-feet.....organizations...	6
acre-feet...	111,023
30,000 to 99,999 acre-feet.....organizations...	1
acre-feet...	31,357
100,000 or more acre-feet.....organizations...	...
acre-feet...	...
Size of organization (acre-feet of water conveyed):	
None.....organizations...	2
1 to 299 acre-feet.....organizations...	2
acre-feet...	1,080
300 to 999 acre-feet.....organizations...	...
acre-feet...	...
1,000 to 2,999 acre-feet.....organizations...	1
acre-feet...	1,902
3,000 to 9,999 acre-feet.....organizations...	2
acre-feet...	9,620
10,000 to 29,999 acre-feet.....organizations...	7
acre-feet...	171,159
30,000 to 99,999 acre-feet.....organizations...	2
acre-feet...	109,528
100,000 or more acre-feet.....organizations...	...
acre-feet...	...

State Table 3.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Kansas and Oklahoma, total	Missouri River below Three Forks, Montana, excluding Platte and Yellowstone Rivers (VI-C)	Mississippi River, excluding Missouri River and Red River direct below Lake Texhoma (VI-A and VI-B)	Red River direct below Lake Texhoma (VI-Aa)
1	Total acres irrigated.....farms reporting...	7,073	1,836	5,178	59
2	acres...	959,733	181,109	775,490	3,134
3	Acres irrigated by sprinklers.....farms reporting...	2,611	690	1,896	25
4	acres...	142,558	34,109	106,998	1,451
5	Sprinklers only.....farms reporting...	2,172	455	1,693	24
6	acres...	120,214	23,849	94,969	1,396
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959				
7	Ground water sources on farm.....farms reporting...	5,426	1,113	4,301	12
8	acres...	823,171	138,093	684,438	640
9	Ground water sources on farm only.farms reporting...	5,087	1,048	4,028	11
10	acres...	783,326	133,891	648,859	576
11	Surface sources on farm.....farms reporting...	1,213	500	668	45
12	acres...	56,331	21,039	32,889	2,403
13	Surface sources on farm only.....farms reporting...	1,022	435	543	44
14	acres...	47,631	18,784	26,460	2,387
15	Irrigation organization sources.....farms reporting...	803	299	501	3
16	acres...	80,231	21,977	58,163	91
17	Irrigation organization sources only.....farms reporting...	596	276	317	3
18	acres...	52,798	20,402	32,305	91
19	Both farm ground water sources and surface sources.....farms reporting...	161	54	106	1
20	acres...	18,564	5,376	13,108	80
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	207	23	184	...
22	acres...	57,414	2,656	54,758	...

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	Kansas and Oklahoma, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	16	2	8	2	4	2	...
1949...	13	4	8	...	1	1	...
Service area, 1959:							
Area served, as reported by organizations.....acres...	155,047	(D)	63,656	(D)	11,500	(D)	...
Area irrigated, as reported by organizations.....acres...	106,468	(D)	45,774	(D)	6,470	(D)	...
Water users served, 1959, total.....water users...	1,105	(D)	307	(D)	120	(D)	...
Farm irrigation water users.....water users...	1,104	(D)	307	(D)	120	(D)	...
Residential water users.....water users...	...	...	...	...	...	...	...
Other water users.....water users...	1	...	...	...	...	(D)	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	12	2	8	...	2	...	...
Total water conveyed.....acre-feet...	193,854	(D)	117,634	...	75,140	...	...
Water delivered.....acre-feet...	156,377	(D)	90,799	...	64,759	...	...
To farm and residential users only.....organizations...	11	2	8	...	1	...	...
acre-feet...	101,083	(D)	90,799	...	9,465	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	1	...	...	...	1	...	...
acre-feet...	55,294	...	...	...	55,294	...	...
Part of water from other organizations.....organizations...	2	...	...	2	...	2	...
Total water conveyed.....acre-feet...	99,435	...	...	(D)	...	(D)	...
From surface and ground water sources.....acre-feet...	13,094	...	...	(D)	...	(D)	...
From other irrigation organizations.....acre-feet...	86,341	...	...	(D)	...	(D)	...
Water delivered.....acre-feet...	61,218	...	...	(D)	...	(D)	...
To farm and residential users only.....organizations...	2	...	...	2	...	2	...
acre-feet...	61,218	...	...	(D)	...	(D)	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	2	...	...	...	2	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	10	2	5	2	1	2	...
acres served...	133,631	(D)	42,240	(D)	11,500	(D)	...
acres irrigated...	90,578	(D)	29,884	(D)	6,470	(D)	...
water delivered to farms (acre-feet)...	122,981	(D)	51,479	(D)	9,465	(D)	...
acre-feet per acre...	1.4	(D)	1.7	(D)	1.5	(D)	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	3	...	3	...	...	...	...
acres served...	21,416	...	21,416	...	...	...	...
acres irrigated...	15,890	...	15,890	...	...	...	...
water delivered to farms (acre-feet)...	39,320	...	39,320	...	...	...	...
acre-feet per acre...	2.5	...	2.5	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	11	1	4	2	4	2	...
By U. S. B. R.....dollars...	42,240,944	...	...	(D)	38,414,301	(D)	...
By water users organizations.....dollars...	70,450	(D)	66,450	...	...	...	...

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Kansas and Oklahoma, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	14	2	8	2	2	2	...
acre-feet...	237,995	(D)	117,634	(D)	75,140	(D)	...
From another drainage basin.....organizations...	1	...	...	1	...	1	...
acre-feet...	31,047	...	...	(D)	...	(D)	...
From drainage basin...,.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	14	2	8	2	2	2	...
acre-feet...	206,948	(D)	117,634	(D)	75,140	(D)	...
Surface water.....organizations...	14	2	8	2	2	2	...
acre-feet...	206,948	(D)	117,634	(D)	75,140	(D)	...
Ground water.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From other organizations in the basin .....organizations receiving...	1	...	...	1	...	1	...
acre-feet...	55,294	...	...	(D)	...	(D)	...
Total leaving conveyance systems.....organizations...	14	2	8	2	2	2	...
acre-feet...	237,995	(D)	117,634	(D)	19,846	(D)	...
Conveyance loss in basin.....organizations...	12	2	7	2	1	2	...
acre-feet...	71,773	(D)	26,835	(D)	10,381	(D)	...
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	13	2	8	2	1	2	...
acre-feet...	166,222	(D)	90,799	(D)	9,465	(D)	...
To farm irrigation water users.....organizations...	13	2	8	2	1	2	...
acre-feet...	162,301	(D)	90,799	(D)	9,465	(D)	...
To domestic water users.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
For other use.....organizations...	1	...	...	1	...	...	...
acre-feet...	3,921	...	...	(D)	...	...	...
Delivered to other irrigation organizations..... organizations delivering...	1	...	...	...	1	1	...
acre-feet...	55,294	...	...	...	55,294	(D)	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	3	(D)	...	(D)	3	(D)	...
1 to 3 water users.....organizations...	...	...	...	...	...	(D)	...
4 to 9 water users.....organizations...	1	(D)	...	(D)	...	(D)	...
10 to 29 water users.....organizations...	5	(D)	4	(D)	...	(D)	...
30 to 99 water users.....organizations...	4	(D)	4	(D)	...	(D)	...
100 to 299 water users.....organizations...	2	(D)	...	(D)	1	(D)	...
300 to 999 water users.....organizations...	1	(D)	...	(D)	...	(D)	...
1,000 or more water users.....,.....organizations...	...	...	...	...	...	(D)	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	3	(D)	...	(D)	3	(D)	...
1 to 299 acre-feet.....organizations...	1	(D)	...	(D)	...	(D)	...
300 to 999 acre-feet.....organizations...	1	(D)	...	(D)	...	(D)	...
1,000 to 2,999 acre-feet.....organizations...	1	(D)	1	(D)	...	(D)	...
3,000 to 9,999 acre-feet.....organizations...	3	(D)	2	(D)	1	(D)	...
10,000 to 29,999 acre-feet.....organizations...	6	(D)	5	(D)	...	(D)	...
30,000 to 99,999 acre-feet.....organizations...	1	(D)	...	(D)	...	(D)	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	(D)	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	2	(D)	...	(D)	2	(D)	...
1 to 299 acre-feet.....organizations...	2	(D)	...	(D)	...	(D)	...
300 to 999 acre-feet.....organizations...	...	...	...	...	...	(D)	...
1,000 to 2,999 acre-feet.....organizations...	1	(D)	1	(D)	...	(D)	...
3,000 to 9,999 acre-feet.....organizations...	2	(D)	2	(D)	...	(D)	...
10,000 to 29,999 acre-feet.....organizations...	7	(D)	5	(D)	1	(D)	...
30,000 to 99,999 acre-feet.....organizations...	2	(D)	...	(D)	1	(D)	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	(D)	...

D Data not shown to avoid disclosure of information for individual organizations.

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Kansas and Oklahoma, total			
		Size of organization, by total water conveyed			
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations.....organizations...	4	3	9	...
	TYPE OF SERVICE				
2	All water directly from surface and ground sources.....organizations...	2	3	7	...
3	Total water conveyed.....acre-feet...	1,080	11,522	181,252	...
4	Water delivered.....acre-feet...	819	9,637	145,921	...
5	To farm and residential users only.....organizations...	2	3	6	...
6	acre-feet...	819	9,637	90,627	...
7	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...
8	Water to farm and residential users.....acre-feet...	...	...	...	...
9	Water to other irrigation organizations.....acre-feet...	...	...	...	...
10	To other irrigation organizations only.....organizations...	...	...	1	...
11	acre-feet...	...	...	55,294	...
12	Part of water from other organizations.....organizations...	...	...	2	...
13	Total water conveyed.....acre-feet...	...	...	99,435	...
14	From surface and ground water sources.....acre-feet...	...	...	13,094	...
15	From other irrigation organizations.....acre-feet...	...	...	86,341	...
16	Water delivered.....acre-feet...	...	...	61,218	...
17	To farm and residential users only.....organizations...	...	...	2	...
18	acre-feet...	...	...	61,218	...
19	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...
20	Water to farm and residential users.....acre-feet...	...	...	...	...
21	Water to other irrigation organizations.....acre-feet...	...	...	...	...
22	To other irrigation organizations only.....organizations...	...	...	...	...
23	acre-feet...	...	...	...	...
24	All of water from other organizations.....organizations...	...	...	...	...
25	Total water conveyed.....acre-feet...	...	...	...	...
26	Water delivered.....acre-feet...	...	...	...	...
27	To farm and residential users only.....organizations...	...	...	...	...
28	acre-feet...	...	...	...	...
29	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...
30	Water to farm and residential users.....acre-feet...	...	...	...	...
31	Water to other irrigation organizations.....acre-feet...	...	...	...	...
32	To other irrigation organizations only.....organizations...	...	...	...	...
33	acre-feet...	...	...	...	...
34	No water conveyed.....organizations...	2	...	...	...
	WATER FROM OTHER SOURCES				
35	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	2	2	6	...
36	acres served...	845	5,100	127,686	...
37	acres irrigated...	570	4,600	85,408	...
38	Organizations reporting water from other sources used on land served by the organization.....organizations...	...	1	2	...
39	acres served...	...	1,416	20,000	...
40	acres irrigated...	...	1,290	14,600	...
	NEW CAPITAL INVESTMENT, 1950-1959				
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	3	1	7	...
42	dollars...	20,084,132	3,850	22,223,412	...
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959				
43	Total entering conveyance systems in basin.....organizations...	2	3	9	...
44	acre-feet...	1,080	11,522	225,393	...
45	From another drainage basin.....organizations...	...	...	1	...
46	acre-feet...	...	...	31,047	...
47	From Drainage Basin number.....D. B. No....	...	...	...	...
48	From natural sources within basin.....organizations...	2	3	9	...
49	acre-feet...	1,080	11,522	194,346	...
50	Surface water.....organizations...	2	3	9	...
51	acre-feet...	1,080	11,522	194,346	...
52	Ground water.....organizations...	...	...	...	...
53	acre-feet...	...	...	...	...
54	*From other organizations in the basin*.....*organizations receiving*...	...	...	1	...
55	*acre-feet*...	...	...	55,294	...
56	Total leaving conveyance systems.....organizations...	2	3	9	...
57	acre-feet...	1,080	11,522	225,393	...
58	Conveyance loss in basin.....organizations...	2	3	7	...
59	acre-feet...	261	1,885	69,627	...
60	Conveyed to another drainage basin.....organizations...	...	...	...	...
61	acre-feet...	...	...	...	...
62	To drainage basin number.....D. B. No....	...	...	...	...
63	Delivered for use in the basin.....organizations...	2	3	8	...
64	acre-feet...	819	9,637	155,766	...
65	To farm irrigation water users.....organizations...	2	3	8	...
66	acre-feet...	819	9,637	151,845	...
67	To residential water users.....organizations...	...	...	...	...
68	acre-feet...	...	...	...	...
69	For other use.....organizations...	...	...	1	...
70	acre-feet...	...	...	3,921	...
71	*Delivered to other irrigation organizations*.....*organizations delivering*...	...	...	1	...
72	*acre-feet*...	...	...	55,294	...
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959				
73	Per acre irrigated, as reported by irrigation organization: All organizations.....acre-feet...	1.4	1.6	1.5	...
74	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	2	2	6	...
75	acre-feet...	1.4	1.1	1.4	...

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State Table 1.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	The State	Gulf of Mexico excluding Mississippi River, total	Gulf of Mexico excluding Mississippi and Mermentau Rivers (V-A)						
				Total	Gulf of Mexico direct	Sabine River	Calcasieu River			Vermilion River and Atchafalaya River
							Total	Calcasieu River direct	Bayou Serpent	
					(1a)	(9a)		(10a)	(10b)	(11, 12)
1	Total acres irrigated in Census year.....1959...	484,850	467,000	188,000	27,000	8,000	88,000	64,000	24,000	65,000
2	1949...	597,966	589,996	224,393	15,317	19,703	101,809	64,420	37,389	87,564
3	Irrigation organizations.....organizations 1959...	203	203	35	3	3	19	12	11	13
4	1949...	321	321	77	2	2	44	23	25	31
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	297,471	297,471	68,919	4,937	16,814	31,115	20,533	10,582	16,053
6	Farm area reported irrigated by organizations.....acres 1959...	185,539	185,539	60,532	4,937	11,022	29,745	20,280	9,465	14,828
7	Water users served, total.....water users 1959...	2,946	2,946	581	24	44	192	119	73	321
8	Farm irrigation water users.....water users 1959...	2,946	2,946	581	24	44	192	119	73	321
9	Residential water users.....water users 1959...	...	...	...	...	...	...	...	...	...
10	Other water users.....water users 1959...	...	...	...	...	...	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	263,482	255,000	78,000	9,000	3,000	44,000	28,000	16,000	22,000
12	Surface water sources.....acres...	221,368	212,000	110,000	18,000	5,000	44,000	36,000	8,000	43,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	203	203	35	3	3	19	12	11	13
14	acre-feet...	617,850	617,860	265,901	11,609	67,609	122,671	89,545	36,675	83,193
15	From another drainage basin.....organizations...	...	...	3	2	...	4	4	2	...
16	acre-feet...	...	...	2,182	2,295	...	19,068	19,963	2,654	...
17	From drainage basin number.....D. B. No....	...	...	...	(1)	...	...	(2)	(3)	...
18	From natural sources within basin...organizations...	203	203	34	2	3	16	8	8	13
19	acre-feet...	617,850	617,850	263,719	9,314	67,609	103,603	69,582	34,021	83,193
20	Surface water.....organizations...	68	68	18	2	3	8	6	2	6
21	acre-feet...	516,572	516,572	248,022	9,314	65,061	94,044	67,504	26,540	79,603
22	Ground water.....organizations...	148	148	16	...	1	8	2	7	7
23	acre-feet...	101,278	101,278	15,697	...	2,548	9,559	2,078	7,481	3,590
24	*From other organizations in the basin.....organizations receiving...*	...	...	...	...	...	...	...	...	...
25	*acre-feet...*	...	...	...	...	...	...	...	...	...
26	Total leaving conveyance systems.....organizations...	203	203	35	3	3	19	12	11	13
27	acre-feet...	617,850	617,850	265,901	11,609	67,609	122,671	89,545	36,675	83,193
28	Conveyance loss in basin.....organizations...	170	170	27	2	3	16	11	9	13
29	acre-feet...	50,046	50,046	20,770	120	4,889	6,490	3,282	3,208	9,271
30	Conveyed to another drainage basin..organizations...	...	...	3	1	1	1	1	1	1
31	acre-feet...	...	...	18,306	2,000	16,651	835	2,252	2,132	18,001
32	To drainage basin number.....D. B. No....	...	...	...	(4)	VA-10a	VD-1	(5)	VA-10a	(6)
33	Delivered for use in the basin.....organizations...	203	203	35	3	3	19	12	11	13
34	acre-feet...	567,804	567,804	226,825	9,489	46,069	115,346	84,011	31,335	55,921
35	To farm irrigation water users...organizations...	203	203	35	3	3	19	12	11	13
36	acre-feet...	567,804	567,804	226,825	9,489	46,069	115,346	84,011	31,335	55,921
37	To residential water users.....organizations...	...	...	...	...	...	...	...	...	...
38	acre-feet...	...	...	...	...	...	...	...	...	...
39	For other use.....organizations...	...	...	...	...	...	...	...	...	...
40	acre-feet...	...	...	...	...	...	...	...	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	...	...	...	...	...	...	...	...	...
42	*acre-feet...*	...	...	...	...	...	...	...	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.1	3.1	3.7	1.9	4.2	3.9	4.1	3.3	3.8
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	109	109	15	1	2	5	3	2	8
45	dollars...	2,054,686	2,054,686	284,700	30,000	113,000	81,500	61,000	20,500	60,200

[1] 1,730 acre-feet from D. B. No. V-A-11, 565 acre-feet from D. B. No. V-D-1. [2] 380 acre-feet from D. B. No. V-D-1, 2,132 acre-feet from D. B. No. V-A-10b, 800 acre-feet from D. B. No. V-A-1a. 16,651 acre-feet from D. B. No. V-A-9a. [3] 1,417 acre-feet from D. B. No. V-A-10a, 1,237 acre-feet from D. B. No. V-D-2. [4] 1,200 acre-feet to D. B. No. V-D-1, 800 acre-feet to D. B. No. V-A-10a. [5] 1,417 acre-feet to D. B. No. V-A-10b, 835 acre-feet to D. B. No. V-D-1. [6] 16,271 acre-feet to D. B. No. V-D-3, 1,730 acre-feet to D. B. No. V-A- 1a.

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Mermentau River (V-D)				Mississippi River (VI-A)		
		Total	Mermentau River direct (1)	Nezpique Bayou (2)	Bayou Queue de Tortue (3)	Total	Mississippi River direct (1)	Red River (2a)
1	Total acres irrigated in Census year.....1959...	279,000	91,000	123,000	65,000	18,000	15,000	3,000
2	1949...	365,603	94,713	180,506	90,384	7,970	6,321	1,649
3	Irrigation organizations.....organizations 1959...	176	27	136	19	...	...	...
4	1949...	252	27	193	41	...	...	...
	Service area, 1959:							
5	Farm area reported served by organizations.....acres 1959...	228,552	34,241	173,179	21,132	...	...	...
6	Farm area reported irrigated by organizations.....acres 1959...	125,007	28,101	80,784	16,122	...	...	...
7	Water users served, total.....water users 1959...	2,365	430	1,661	274	...	...	...
8	Farm irrigation water users.....water users 1959...	2,365	430	1,661	274	...	...	...
9	Residential water users.....water users 1959...	...	...	...	...	...	...	...
10	Other water users.....water users 1959...	...	...	...	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959							
11	Ground water sources.....acres...	177,000	39,000	100,000	38,000	9,000	8,000	1,000
12	Surface water sources.....acres...	102,000	52,000	23,000	27,000	9,000	7,000	2,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
13	Total entering conveyance systems in basin.....organizations...	175	27	136	19	...	...	...
14	acre-feet...	372,437	123,751	240,187	64,927	...	...	...
15	From another drainage basin.....organizations...	2	4	...	3	...	...	...
16	acre-feet...	16,271	26,487	...	48,247	...	...	...
17	From drainage basin number.....D. B. No....	...	(1)	...	(2)	...	...	...
18	From natural sources within basin...organizations...	173	21	136	18	...	...	...
19	acre-feet...	354,131	97,264	240,187	16,680	...	...	...
20	Surface water.....organizations...	52	14	32	8	...	...	...
21	acre-feet...	268,550	86,938	170,842	10,770	...	...	...
22	Ground water.....organizations...	132	7	112	13	...	...	...
23	acre-feet...	85,581	10,326	69,345	5,910	...	...	...
24	*From other organizations in the basin.....organizations receiving...*	...	...	...	...	...	...	...
25	*acre-feet...*	...	...	...	...	...	...	...
26	Total leaving conveyance systems.....organizations...	175	27	136	19	...	...	...
27	acre-feet...	372,437	123,751	240,187	64,927	...	...	...
28	Conveyance loss in basin.....organizations...	148	20	116	19	...	...	...
29	acre-feet...	29,276	6,325	13,289	9,662	...	...	...
30	Conveyed to another drainage basin..organizations...	4	1	1	1	...	...	...
31	acre-feet...	380	29,630	28,604	376	...	...	...
32	To drainage basin number.....D. B. No....	...	(3)	(4)	DB-VD-1	...	...	...
33	Delivered for use in the basin.....organizations...	175	27	136	19	...	...	...
34	acre-feet...	340,979	87,796	198,294	54,889	...	...	...
35	To farm irrigation water users...organizations...	175	27	136	19	...	...	...
36	acre-feet...	340,979	87,796	198,294	54,889	...	...	...
37	To residential water users.....organizations...	...	...	...	...	...	...	...
38	acre-feet...	...	...	...	...	...	...	...
39	For other use.....organizations...	...	...	...	...	...	...	...
40	acre-feet...	...	...	...	...	...	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	...	...	...	...	...	...	...
42	*acre-feet...*	...	...	...	...	...	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	2.7	3.1	1.1	3.4	...	...	...
	NEW CAPITAL INVESTMENT, 1950-1959							
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	95	9	74	12	...	...	...
45	dollars...	1,769,986	141,740	1,526,649	101,597	...	...	...

[1] 24,076 acre-feet from D. B. No. V-D-2, 376 acre-feet from D. B. No. V-D-3, 1,200 acre-feet from D. B. No. V-A-1a, 835 acre-feet from D. B. No. V-A-10a. [2] 3,291 acre-feet from D. B. No. V-D-2, 28,685 acre-feet from D. B. No. V-D-1, 16,271 acre-feet from D. B. No. V-A-11. [3] 380 acre-feet to D. B. No. V-A-10a, 565 acre-feet to D. B. No. V-A-1a, 28,685 acre-feet to D. B. No. V-D-2. [4] 1,237 acre-feet to D. B. No. V-A-10b, 3,291 acre-feet to D. B. No. V-D-3, 24,076 acre-feet to D. B. No. V-D-1.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	Louisiana, total
Irrigation organizations, total number.....organizations 1959...	203
1949...	321
Area irrigated as reported by organizations.....acres 1959...	185,539
1949...	260,897
Farm water users served directly.....water users 1959...	2,946
Total water conveyed.....acre-feet 1959...	617,850
TYPE OF ORGANIZATION	
Mutual:	
Unincorporated.....organizations 1959...	37
1949...	47
Farm area irrigated directly.....acres 1959...	(D)
Farm water users served directly.....water users 1959...	(D)
Total water conveyed.....acre-feet 1959...	(D)
Incorporated.....organizations 1959...	1
1949...	4
Farm area irrigated directly.....acres 1959...	(D)
Farm water users served directly.....water users 1959...	(D)
Total water conveyed.....acre-feet 1959...	(D)
District.....organizations 1959...	...
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...
U.S. Bureau of Reclamation; projects and storage systems operated by bureau.....organizations 1959...	...
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...
U. S. Bureau of Reclamation; operated by water users.....organizations 1959...	...
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...
U. S. Bureau of Indian Affairs.....organizations 1959...	...
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...
Commercial.....organizations 1959...	165
1949...	270
Farm area irrigated directly.....acres 1959...	175,837
Farm water users served directly.....water users 1959...	2,806
Total water conveyed.....acre-feet 1959...	593,582
State.....organizations 1959...	...
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...
City.....organizations 1959...	...
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...

Item (For definitions and explanations, see text)	Louisiana, total
TYPE OF SERVICE, 1959	
All water directly from surface and ground water sources.....organizations...	203
Total water conveyed.....acre-feet...	617,850
Water delivered.....acre-feet...	567,804
To farm and residential users only.....organizations...	203
acre-feet...	567,804
To farm and residential users and other irrigation organizations.....organizations...	...
Water to farm and residential users.....acre-feet...	...
Water to other irrigation organizations.....acre-feet...	...
To other irrigation organizations only.....organizations...	...
acre-feet...	...
Part of water from other organizations.....organizations...	...
Total water conveyed.....acre-feet...	...
From surface and ground water sources.....acre-feet...	...
From other irrigation organizations.....acre-feet...	...
Water delivered.....acre-feet...	...
To farm and residential users only.....organizations...	...
acre-feet...	...
To farm and residential users and other irrigation organizations.....organizations...	...
Water to farm and residential users.....acre-feet...	...
Water to other irrigation organizations.....acre-feet...	...
To other irrigation organizations only.....organizations...	...
acre-feet...	...
All of water from other organizations.....organizations...	...
Total water conveyed.....acre-feet...	...
Water delivered.....acre-feet...	...
To farm and residential users only.....organizations...	...
acre-feet...	...
To farm and residential users and other irrigation organizations.....organizations...	...
Water to farm residential users.....acre-feet...	...
Water to other irrigation organizations.....acre-feet...	...
To other irrigation organizations only.....organizations...	...
acre-feet...	...
No water conveyed.....organizations...	...
WATER FROM OTHER SOURCES	
Organizations reporting NO water from other sources used on land served by the organization.....organizations...	203
acres served...	297,471
acres irrigated...	185,539
Water delivered to farms.....acre-feet...	567,804
acre-feet per acre...	3.1
Organizations reporting water from other sources used on land served by the organization.....organizations...	...
acres served...	...
acres irrigated...	...
Water delivered to farms.....acre-feet...	...
acre-feet per acre...	...

D Data not shown to avoid disclosure of information for individual organizations.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

Item (For definitions and explanations, see text)	Louisiana, total
WATER DELIVERED PER ACRE	
Organizations reporting NO water from other sources used on same land:	
0.1 to 0.9 acre-feet per acre.....organizations...	4
acres irrigated...	1,139
1.0 to 1.9 acre-feet per acre.....organizations...	57
acres irrigated...	27,481
2.0 to 2.9 acre-feet per acre.....organizations...	90
acres irrigated...	74,760
3.0 to 3.9 acre-feet per acre.....organizations...	38
acres irrigated...	23,157
4.0 to 4.9 acre-feet per acre.....organizations...	12
acres irrigated...	50,289
5.0 to 5.9 acre-feet per acre.....organizations...	2
acres irrigated...	8,713
6.0 to 6.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
7.0 to 7.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
8.0 to 9.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
10.0 or more acre-feet per acre.....organizations...	...
acres irrigated...	...
SIZE OF ORGANIZATION	
Size of organization (number of farm irrigation water users served directly):	
None.....organizations...	...
1 to 3.....organizations...	99
water users...	224
4 to 9.....organizations...	78
water users...	404
10 to 29.....organizations...	13
water users...	211
30 to 99.....organizations...	9
water users...	378
100 to 299.....organizations...	1
water users...	345
300 to 999.....organizations...	3
water users...	1,597
1,000 or more.....organizations...	...
water users...	...

Item (For definitions and explanations, see text)	Louisiana, total
SIZE OF ORGANIZATION—Continued	
Size of organization (acre-feet of water delivered directly to farms):	
None.....organizations...	...
1 to 299 acre-feet.....organizations...	47
acre-feet...	9,665
300 to 999 acre-feet.....organizations...	95
acre-feet...	51,832
1,000 to 2,999 acre-feet.....organizations...	34
acre-feet...	55,375
3,000 to 9,999 acre-feet.....organizations...	16
acre-feet...	78,537
10,000 to 29,999 acre-feet.....organizations...	6
acre-feet...	91,213
30,000 to 99,999 acre-feet.....organizations...	4
acre-feet...	172,378
100,000 or more acre-feet.....organizations...	1
acre-feet...	108,804
Size of organization (acre-feet of water conveyed):	
None.....organizations...	...
1 to 299 acre-feet.....organizations...	43
acre-feet...	9,020
300 to 999 acre-feet.....organizations...	98
acre-feet...	56,311
1,000 to 2,999 acre-feet.....organizations...	35
acre-feet...	58,817
3,000 to 9,999 acre-feet.....organizations...	16
acre-feet...	84,511
10,000 to 29,999 acre-feet.....organizations...	6
acre-feet...	199,365
30,000 to 99,999 acre-feet.....organizations...	4
acre-feet...	183,100
100,000 or more acre-feet.....organizations...	1
acre-feet...	128,004

State Table 3.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

Item (For definitions and explanations, see text)	Louisiana, total
Total acres irrigated.....farms reporting...	4,817
acres...	484,850
Acres irrigated by sprinklers.....farms reporting...	166
acres...	4,419
Sprinklers only.....farms reporting...	150
acres...	4,052
LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959	
Ground water sources on farm.....farms reporting...	3,047
acres...	245,662
Ground water sources on farm only...farms reporting...	2,672
acres...	209,972
LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959—Continued	
Surface sources on farm.....farms reporting...	1,058
acres...	130,478
Surface sources on farm only.....farms reporting...	792
acres...	105,718
Irrigation organization sources.....farms reporting...	1,198
acres...	108,710
Irrigation organizations sources only.....farms reporting...	888
acres...	81,305
Both farm ground water sources and surface sources.....farms reporting...	156
acres...	33,597
Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	309
acres...	54,258

State Table 4.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	Louisiana, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	203	37	1	...	...	...	165
1949...	321	47	4	...	...	...	270
Service area, 1959:							
Area served, as reported by organizations.....acres...	297,471	(D)	(D)	...	...	...	280,164
Area irrigated, as reported by organizations.....acres...	185,539	(D)	(D)	...	...	...	175,837
Water users served, 1959, total.....water users...	2,946	(D)	(D)	...	...	...	2,806
Farm irrigation water users.....water users...	2,946	(D)	(D)	...	...	...	2,806
Residential water users.....water users...	...	...	...	...	...	...	...
Other water users.....water users...	...	...	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	203	37	1	...	...	...	165
Total water conveyed.....acre-feet...	617,850	(D)	(D)	...	...	...	593,582
Water delivered.....acre-feet...	567,804	(D)	(D)	...	...	...	545,116
To farm and residential users only.....organizations...	203	37	1	...	...	...	165
acre-feet...	567,804	(D)	(D)	...	...	...	545,116
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
From surface and ground water sources.....acre-feet...	...	...	...	...	...	...	...
From other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	203	37	1	...	...	...	165
acres served...	297,471	(D)	(D)	...	...	...	280,164
acres irrigated...	185,539	(D)	(D)	...	...	...	175,837
water delivered to farms (acre-feet)...	567,804	(D)	(D)	...	...	...	545,116
acre-feet per acre...	3.1	(D)	(D)	...	...	...	3.1
Organizations reporting water from other sources used on land served by the organization.....organizations...	...	...	...	...	...	...	...
acres served...	...	...	...	...	...	...	...
acres irrigated...	...	...	...	...	...	...	...
water delivered to farms (acre-feet)...	...	...	...	...	...	...	...
acre-feet per acre...	...	...	...	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	109	19	1	...	...	...	89
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	2,054,686	(D)	(D)	...	...	...	1,873,452

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Louisiana, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	203	37	1	...	...	...	165
acre-feet...	617,850	(D)	(D)	...	...	...	593,582
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	203	37	1	...	...	...	165
acre-feet...	617,850	(D)	(D)	...	...	...	593,582
Surface water.....organizations...	68	9	...	...	...	...	59
acre-feet...	516,572	(D)	...	...	...	...	510,390
Ground water.....organizations...	148	30	1	...	...	...	117
acre-feet...	101,278	(D)	(D)	...	...	...	83,192
From other organizations in the basin.....organizations receiving...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Total leaving conveyance systems.....organizations...	203	37	1	...	...	...	165
acre-feet...	617,850	(D)	(D)	...	...	...	593,582
Conveyance loss in basin.....organizations...	170	32	1	...	...	...	137
acre-feet...	50,046	(D)	(D)	...	...	...	48,466
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	203	37	1	...	...	...	165
acre-feet...	567,804	(D)	(D)	...	...	...	545,116
To farm irrigation water users.....organizations...	203	37	1	...	...	...	165
acre-feet...	567,804	(D)	(D)	...	...	...	545,116
To domestic water users.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
For other use.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Delivered to other irrigation organizations.....organizations delivering...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	...	...	...	...	...	...	...
1 to 3 water users.....organizations...	99	(D)	(D)	...	...	...	74
4 to 9 water users.....organizations...	78	(D)	(D)	...	...	...	66
10 to 29 water users.....organizations...	13	(D)	(D)	...	...	...	12
30 to 99 water users.....organizations...	9	(D)	(D)	...	...	...	9
100 to 299 water users.....organizations...	1	(D)	(D)	...	...	...	1
300 to 999 water users.....organizations...	3	(D)	(D)	...	...	...	3
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	47	(D)	(D)	...	...	...	34
300 to 999 acre-feet.....organizations...	95	(D)	(D)	...	...	...	76
1,000 to 2,999 acre-feet.....organizations...	34	(D)	(D)	...	...	...	29
3,000 to 9,999 acre-feet.....organizations...	16	(D)	(D)	...	...	...	15
10,000 to 29,999 acre-feet.....organizations...	6	(D)	(D)	...	...	...	6
30,000 to 99,999 acre-feet.....organizations...	4	(D)	(D)	...	...	...	4
100,000 or more acre-feet.....organizations...	1	(D)	(D)	...	...	...	1
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	43	(D)	(D)	...	...	...	32
300 to 999 acre-feet.....organizations...	98	(D)	(D)	...	...	...	77
1,000 to 2,999 acre-feet.....organizations...	35	(D)	(D)	...	...	...	30
3,000 to 9,999 acre-feet.....organizations...	16	(D)	(D)	...	...	...	15
10,000 to 29,999 acre-feet.....organizations...	6	(D)	(D)	...	...	...	6
30,000 to 99,999 acre-feet.....organizations...	4	(D)	(D)	...	...	...	4
100,000 or more acre-feet.....organizations...	1	(D)	(D)	...	...	...	1

D Data not shown to avoid disclosure of information for individual organizations.

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Louisiana, total		
		Size of organization, by total water conveyed		
		0-999 acre-feet	1,000-9,999 acre-feet	10,000 or more acre-feet
1	Number of organizations.....organizations...	141	51	11
	TYPE OF SERVICE			
2	All water directly from surface and ground sources.....organizations...	141	51	11
3	Total water conveyed.....acre-feet...	65,331	143,328	409,191
4	Water delivered.....acre-feet...	60,519	133,765	373,520
5	To farm and residential users only.....organizations...	141	51	11
6	acre-feet...	60,519	133,765	373,520
7	To farm and residential users and other irrigation organizations.....organizations...	...	...	...
8	Water to farm and residential users.....acre-feet...	...	...	...
9	Water to other irrigation organizations.....acre-feet...	...	...	...
10	To other irrigation organizations only.....organizations...	...	...	...
11	acre-feet...	...	...	...
12	Part of water from other organizations.....organizations...	...	...	...
13	Total water conveyed.....acre-feet...	...	...	...
14	From surface and ground water sources.....acre-feet...	...	...	...
15	From other irrigation organizations.....acre-feet...	...	...	...
16	Water delivered.....acre-feet...	...	...	...
17	To farm and residential users only.....organizations...	...	...	...
18	acre-feet...	...	...	...
19	To farm and residential users and other irrigation organizations.....organizations...	...	...	...
20	Water to farm and residential users.....acre-feet...	...	...	...
21	Water to other irrigation organizations.....acre-feet...	...	...	...
22	To other irrigation organizations only.....organizations...	...	...	...
23	acre-feet...	...	...	...
24	All of water from other organizations.....organizations...	...	...	...
25	Total water conveyed.....acre-feet...	...	...	...
26	Water delivered.....acre-feet...	...	...	...
27	To farm and residential users only.....organizations...	...	...	...
28	acre-feet...	...	...	...
29	To farm and residential users and other irrigation organizations.....organizations...	...	...	...
30	Water to farm and residential users.....acre-feet...	...	...	...
31	Water to other irrigation organizations.....acre-feet...	...	...	...
32	To other irrigation organizations only.....organizations...	...	...	...
33	acre-feet...	...	...	...
34	No water conveyed.....organizations...	...	...	...
	WATER FROM OTHER SOURCES			
35	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	141	51	11
36	acres served...	50,117	137,590	109,764
37	acres irrigated...	29,943	51,544	104,052
38	Organizations reporting water from other sources used on land served by the organization.....organizations...	...	...	...
39	acres served...	...	...	...
40	acres irrigated...	...	...	...
	NEW CAPITAL INVESTMENT, 1950-1959			
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	77	29	3
42	dollars...	493,712	768,974	792,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959			
43	Total entering conveyance systems in basin.....organizations...	141	51	11
44	acre-feet...	65,331	143,328	409,191
45	From another drainage basin.....organizations...	...	...	...
46	acre-feet...	...	...	...
47	From Drainage Basin number.....D. B. No....	...	...	...
48	From natural sources within basin.....organizations...	141	51	11
49	acre-feet...	65,331	143,328	409,191
50	Surface water.....organizations...	23	34	11
51	acre-feet...	9,680	97,701	409,191
52	Ground water.....organizations...	124	24	...
53	acre-feet...	55,651	45,627	...
54	*From other organizations in the basin*.....*organizations receiving*...	...	...	...
55	*acre-feet*...	...	...	...
56	Total leaving conveyance systems.....organizations...	141	51	11
57	acre-feet...	65,331	143,328	409,191
58	Conveyance loss in basin.....organizations...	121	39	10
59	acre-feet...	4,812	9,563	35,671
60	Conveyed to another drainage basin.....organizations...	...	...	...
61	acre-feet...	...	...	...
62	To drainage basin number.....D. B. No....	...	...	...
63	Delivered for use in the basin.....organizations...	141	51	11
64	acre-feet...	60,519	133,765	373,520
65	To farm irrigation water users.....organizations...	141	51	11
66	acre-feet...	60,519	133,765	373,520
67	To residential water users.....organizations...	...	...	...
68	acre-feet...	...	...	...
69	For other use.....organizations...	...	...	...
70	acre-feet...	...	...	...
71	*Delivered to other irrigation organizations*.....*organizations delivering*...	...	...	...
72	*acre-feet*...	...	...	...
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959			
	Per acre irrigated, as reported by irrigation organization:			
73	All organizations.....acre-feet...	2.0	2.6	4.8
74	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	141	51	11
75	acre-feet...	2.0	2.6	3.4

MONTANA

(201)

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	The State	Columbia River above Snake River excluding Yakima River (I-C)						
			Total	Clark Fork					
				Total	Clark Fork direct below Missoula (8a)	Clark Fork direct above Missoula (8b)	Flathead River		
							Total	Flathead River direct below Polson (8c)	Upper Flathead River direct above Polson and Little Bitterroot River (8d, e)
1	Total acres irrigated in Census year.....1959...	1,874,520	368,000	364,000	14,000	93,000	117,000	87,000	30,000
2	1949...	1,808,576	351,042	347,165	16,796	84,647	104,701	87,862	16,839
3	Irrigation organizations.....organizations 1959...	1,050	299	293	18	59	49	29	20
4	1949...	1,234	397	386	19	64	56	31	27
	Service area, 1959:								
5	Farm area reported served by organizations.....acres 1959...	1,642,968	316,089	313,457	18,913	58,693	119,940	105,390	14,550
6	Farm area reported irrigated by organizations.....acres 1959...	1,347,197	266,578	264,588	17,685	35,392	110,451	97,265	13,186
7	Water users served, total.....water users 1959...	17,181	6,658	6,597	1,136	347	3,291	2,878	413
8	Farm irrigation water users.....water users 1959...	14,773	5,230	5,169	1,024	281	2,043	1,640	403
9	Residential water users.....water users 1959...	2,395	1,426	1,426	110	66	1,248	1,238	10
10	Other water users.....water users 1959...	13	2	2	2	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959								
11	Ground water sources.....acres...	34,015	14,000	14,000	1,000	3,000	6,000	1,000	5,000
12	Surface water sources.....acres...	1,840,505	354,000	350,000	13,000	90,000	111,000	86,000	25,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
13	Total entering conveyance systems in basin.....organizations...	1,044	298	292	18	59	49	29	20
14	acre-feet...	5,973,077	1,015,513	1,010,526	53,434	140,841	348,545	319,338	29,207
15	From another drainage basin.....organizations...	3	...	...	...	...	...	...	...
16	acre-feet...	2,786	...	...	...	...	...	...	...
17	From drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...
18	From natural sources within basin...organizations...	1,017	298	292	18	59	49	29	20
19	acre-feet...	5,970,291	1,015,513	1,010,526	53,434	140,841	348,545	319,338	29,207
20	Surface water.....organizations...	1,005	292	286	18	58	48	29	19
21	acre-feet...	5,922,639	999,858	994,871	53,434	140,591	348,471	319,338	29,133
22	Ground water.....organizations...	19	8	8	...	1	2	...	2
23	acre-feet...	47,652	15,655	15,655	...	250	74	...	74
24	*From other organizations in the basin.....organizations receiving...*	41	3	3	...	2	...	...	...
25	*acre-feet...*	261,813	5,225	5,225	...	4,475	...	...	...
26	Total leaving conveyance systems.....organizations...	1,044	298	292	18	59	49	29	20
27	acre-feet...	5,973,077	1,015,513	1,010,526	53,434	140,841	348,545	319,338	29,207
28	Conveyance loss in basin.....organizations...	979	263	258	17	58	35	22	13
29	acre-feet...	1,484,101	293,792	293,265	9,431	21,109	154,626	145,297	9,329
30	Conveyed to another drainage basin..organizations...	1	...	...	...	...	...	...	...
31	acre-feet...	100,000	...	...	...	...	...	...	...
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	1,041	298	292	18	59	49	29	20
34	acre-feet...	4,388,976	721,721	717,261	44,003	119,732	193,919	174,041	19,878
35	To farm irrigation water users...organizations...	1,041	298	292	18	59	49	29	20
36	acre-feet...	4,333,721	710,839	706,379	43,903	119,600	183,275	163,919	19,356
37	To residential water users.....organizations...	30	9	9	1	1	6	3	3
38	acre-feet...	42,141	10,880	10,880	98	132	10,644	10,122	522
39	For other use.....organizations...	9	1	1	1	...	...	...	...
40	acre-feet...	13,114	2	2	2	...	...	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	26	3	3	...	2	...	...	...
42	*acre-feet...*	261,813	5,225	5,225	...	4,475	...	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.2	2.8	2.8	2.5	4.5	1.7	1.7	1.5
	NEW CAPITAL INVESTMENT, 1950-1959								
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	514	133	131	9	33	15	9	6
45	dollars...	24,240,701	2,216,496	2,208,954	71,660	62,502	1,503,821	1,173,200	330,621

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Columbia River above Snake River excluding Yakima River (I-C)—Continued			Mississippi River, Total and Hudson Bay	Missouri River below Three Forks (excluding Platte and Yellowstone Rivers), and Hudson Bay (Red River of the North) (VI-C and VII)									
Clark Fork—Continued					Missouri River direct					Milk River			
Bitterroot River (8f)	Blackfoot River (8g)	Kootenai River (9)		Total	Total	Below Fort Peck Dam (1a)	Fort Peck to Holter Dam (1b)	Holter Dam to Three Forks (1c)	Belle Fourche River (5b)	Total	Milk River direct below Havre (6a)	Milk River direct above Havre (6b)	Upper Beaver Creek (6c)	
108,000	32,000	4,000	1,507,000	539,000	116,000	26,000	28,000	62,000	...	132,000	124,000	8,000	...	1
109,260	31,761	3,877	1,457,534	506,661	99,062	19,130	23,293	56,639	...	112,162	105,028	6,323	811	2
156	11	6	751	153	53	3	8	42	...	27	23	4	...	3
233	14	11	837	172	69	4	7	58	...	22	18	4	1	4
106,554	9,357	2,632	1,326,879	517,598	87,485	13,501	16,806	57,178	...	146,848	143,373	3,475	...	5
92,448	8,612	1,990	1,080,619	368,733	56,534	10,515	5,830	40,189	...	107,080	105,375	1,705	...	6
1,782	41	61	10,523	3,194	527	116	39	372	...	866	847	19	...	7
1,780	41	61	9,543	3,151	522	116	39	367	...	865	846	19	...	8
2	...	...	969	36	1	...	...	1	...	...	...	...	...	9
...	...	...	11	7	4	...	...	4	...	1	1	...	...	10
2,000	2,000	...	20,000	6,000	4,000	...	...	4,000	...	1,000	1,000	...	...	11
106,000	30,000	4,000	1,487,000	533,000	112,000	26,000	28,000	58,000	...	131,000	123,000	8,000	...	12
155	11	6	747	153	53	3	8	42	...	27	23	4	...	13
440,698	27,008	4,987	4,957,564	1,092,361	234,912	19,575	30,381	184,956	...	287,464	277,439	10,025	...	14
...	...	...	3	...	...	...	...	...	...	1	...	1	...	15
...	...	...	2,786	...	...	...	...	...	...	219,366	...	219,366	...	16
...	...	...	...	...	...	...	...	...	...	VII	...	VII	...	17
155	11	6	719	150	52	3	8	41	...	27	23	4	...	18
440,698	27,008	4,987	4,954,778	1,092,361	234,912	19,575	30,381	184,956	...	68,098	277,439	[1]-209,341	...	19
151	11	6	713	148	50	3	8	39	...	27	23	4	...	20
425,367	27,008	4,987	4,922,781	1,078,563	221,114	19,575	30,381	171,158	...	68,098	277,439	[1]-209,341	...	21
5	...	...	11	3	3	...	...	3	...	...	...	...	...	22
15,331	...	...	31,997	13,798	13,798	...	...	13,798	...	...	...	...	...	23
1	...	...	38	7	4	...	...	4	...	...	...	...	...	24
750	...	...	256,588	62,568	32,018	...	...	32,018	...	...	...	...	...	25
155	11	6	747	153	53	3	8	42	...	27	23	4	...	26
440,698	27,008	4,987	4,957,564	1,092,361	234,912	19,575	30,381	184,956	...	287,464	277,439	10,025	...	27
138	10	5	716	143	45	3	8	34	...	26	23	3	...	28
103,929	4,170	527	1,190,309	286,715	44,874	7,184	4,917	32,773	...	80,953	78,313	2,640	...	29
...	...	...	1	...	...	...	...	...	...	...	...	...	...	30
...	...	...	100,000	...	...	...	...	...	...	...	...	...	...	31
...	...	...	...	...	...	...	...	...	...	...	...	...	...	32
155	11	6	743	151	52	3	8	41	...	26	23	3	...	33
336,769	22,838	4,460	3,667,255	805,646	190,038	12,391	25,464	152,183	...	206,511	199,126	7,385	...	34
155	11	6	743	151	52	3	8	41	...	26	23	3	...	35
336,763	22,838	4,460	3,622,882	787,010	183,424	12,391	25,464	145,569	...	196,781	189,396	7,385	...	36
1	...	...	21	4	2	...	...	2	...	...	...	...	...	37
6	...	...	31,261	6,534	6,297	...	...	6,297	...	...	...	...	...	38
...	...	...	8	6	3	...	...	3	...	1	1	...	...	39
...	...	...	13,112	12,102	317	...	...	317	...	9,730	9,730	...	...	40
1	...	...	23	5	2	...	...	2	...	...	...	...	...	41
750	...	...	256,588	62,568	32,018	...	...	32,018	...	...	...	...	...	42
3.6	2.7	2.2	3.4	2.1	3.2	1.2	4.4	3.7	...	1.8	1.8	4.3	...	43
71	3	2	381	78	40	3	5	32	...	10	8	2	...	44
562,341	8,630	7,542	22,024,205	19,646,843	17,973,149	355,749	13,700	17,603,700	...	1,312,899	1,306,399	6,500	...	45

State Table 1.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	Missouri River below Three Forks (excluding Platte and Yellowstone Rivers), and Hudson Bay (Red River of the North) (VI-C and VII)—Continued								
		Musselshell River			Judith River and Smith River	Marias River			Sun River	Hudson Bay (Red River of the North)
		Total	Musselshell River direct (7a)	Box Elder and Flatwillow Creeks (7b)	(8, 11)	Total	Marias River direct (9a)	Teton River (9b)	(10)	(VII)
1	Total acres irrigated in Census year.....1959...	80,000	62,000	18,000	39,000	80,000	39,000	41,000	91,000	1,000
2	1949...	61,953	48,562	13,391	33,412	94,007	62,748	31,259	106,065	NA
3	Irrigation organizations.....organizations 1959...	26	19	7	13	18	11	7	17	1
4	1949...	37	24	14	16	15	8	8	14	NA
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	26,450	16,880	9,570	19,730	122,289	84,452	37,837	114,796	...
6	Farm area reported irrigated by organizations.....acres 1959...	24,745	15,705	9,040	9,059	64,307	37,470	26,837	107,008	...
7	Water users served, total.....water users 1959...	188	152	36	84	736	601	135	793	...
8	Farm irrigation water users.....water users 1959...	178	142	36	84	734	599	135	768	...
9	Residential water users.....water users 1959...	10	10	...	...	...	...	...	25	...
10	Other water users.....water users 1959...	...	...	...	...	2	2	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	1,000	1,000	...	...	...	...	...	...	...
12	Surface water sources.....acres...	79,000	61,000	18,000	39,000	80,000	39,000	41,000	91,000	1,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	26	19	7	13	18	11	7	17	1
14	acre-feet...	76,399	55,805	20,594	18,352	195,977	99,410	98,967	(D)	(D)
15	From another drainage basin.....organizations...	...	...	...	...	...	1	...	...	...
16	acre-feet...	...	...	...	...	...	2,400	...	...	...
17	From drainage basin number.....D. B. No....	...	...	...	...	...	VI-C-9b	...	...	...
18	From natural sources within basin...organizations...	26	19	7	12	17	11	6	17	1
19	acre-feet...	76,399	55,805	20,594	18,352	195,977	97,010	98,967	(D)	(D)
20	Surface water.....organizations...	26	19	7	12	17	11	6	17	1
21	acre-feet...	76,399	55,805	20,594	18,352	195,977	97,010	98,967	(D)	(D)
22	Ground water.....organizations...	...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...	...
24	*From other organizations in the basin.....organizations receiving*...	...	...	...	2	1	...	1	...	...
25	*acre-feet*...	...	...	...	2,050	28,500	...	28,500	...	...
26	Total leaving conveyance systems.....organizations...	26	19	7	13	18	11	7	17	1
27	acre-feet...	76,399	55,805	20,594	18,352	195,977	99,410	98,967	(D)	(D)
28	Conveyance loss in basin.....organizations...	25	18	7	13	18	11	7	17	...
29	acre-feet...	22,422	14,885	7,537	2,931	48,949	18,481	30,468	86,586	...
30	Conveyed to another drainage basin..organizations...	...	...	...	...	...	...	1	...	1
31	acre-feet...	...	...	...	...	...	...	2,400 N. Dak.	...	(D) Montana
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	VI-C-9a	...	VI-C-6b
33	Delivered for use in the basin.....organizations...	26	19	7	13	18	11	7	17	...
34	acre-feet...	53,977	40,920	13,057	15,421	147,028	80,929	66,099	(D)	...
35	To farm irrigation water users...organizations...	26	19	7	13	18	11	7	17	...
36	acre-feet...	53,895	40,838	13,057	15,421	144,973	78,874	66,099	(D)	...
37	To residential water users.....organizations...	1	1	...	...	...	...	...	1	...
38	acre-feet...	82	82	...	...	...	...	...	155	...
39	For other use.....organizations...	...	...	...	...	2	2	...	...	...
40	acre-feet...	...	...	...	...	2,055	2,055	...	...	...
41	*Delivered to other irrigation organizations..... organizations delivering*...	...	...	...	2	1	...	1	...	...
42	*acre-feet*...	...	...	...	2,050	28,500	...	28,500	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	2.2	2.6	1.4	1.7	2.3	2.1	2.5	1.8	...
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	3	8	...	4	9	5	4	8	...
45	dollars...	18,050	18,050	...	13,080	101,560	22,060	79,500	228,105	...

[1] 3,114 acre-feet from D. B. No. VI-F-4a, 35,040 acre-feet from D. B. No. VI-F-6.
[2] 2,290 acre-feet from D. B. No. Wyoming VI-F-4a, 6,638 acre-feet from D. B. No. VI-F-1c.
[3] 6,638 acre-feet to D. B. No. VI-F-4a, 75,592 acre-feet to D. B. No. VI-F-1b.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

Yellowstone River excluding Big Horn River (VI-F)													
Total	Yellowstone River direct					Powder River	Tongue River	Clarks Fork			Stillwater River		
	Total	Below Miles City (1a)	Miles City to Billings (1b)	Billings to Livingston (1c)	Above Livingston (1d)	(2a)	(3a)	Total	Clarks Fork direct (4a)	Red Lodge Creek (4b)	Total	Stillwater River direct (5a)	
438,000	281,000	69,000	97,000	85,000	30,000	8,000	17,000	78,000	40,000	38,000	21,000	10,000	1
423,505	265,737	66,866	85,626	90,141	23,104	7,031	12,725	82,538	47,632	34,906	19,780	9,297	2
283	119	8	18	66	27	...	4	79	38	41	49	21	3
308	110	8	17	64	23	...	5	86	41	46	51	22	4
432,147	286,721	77,269	92,609	90,763	26,080	...	1,988	86,232	54,787	31,445	23,910	9,543	5
388,784	255,799	72,281	76,242	81,751	25,525	...	1,953	83,225	53,957	29,268	22,959	9,193	6
4,877	3,606	711	1,494	1,151	250	...	34	803	557	246	296	141	7
3,958	2,808	707	856	997	248	...	22	733	491	242	257	102	8
915	794	3	638	153	...	...	12	70	66	4	39	39	9
4	4	1	...	1	2	...	...	...	...	...	...	...	10
4.000	1,000	...	1,000	...	...	...	2,000	1,000	1,000	...	...	...	11
434,000	280,000	69,000	96,000	85,000	30,000	8,000	15,000	77,000	39,000	38,000	21,000	10,000	12
281	119	8	18	66	27	...	3	78	38	40	49	21	13
2,021,143	1,448,737	391,008	314,744	637,732	180,845	...	70,136	372,303	258,085	114,218	92,091	40,479	14
2	5	1	1	4	...	...	1	3	3	...	...	...	15
2,570	102,699	64,545	75,592	38,154	...	...	280	8,928	8,928	...	...	...	16
...	...	VI-F-3a	VI-F-1c	(1)	...	...	Wyoming VI-F-3a	...	(2)	...	...	...	17
270	108	8	16	58	26	...	2	76	36	40	49	21	18
2,018,573	1,346,038	326,463	239,152	599,578	180,845	...	69,856	363,375	249,157	114,218	92,091	40,479	19
269	107	8	16	57	26	...	2	76	36	40	49	21	20
2,017,461	1,345,526	326,463	239,152	599,066	180,845	...	69,856	362,775	249,157	113,618	92,091	40,479	21
3	1	...	...	1	...	...	...	2	...	2	...	...	22
1,112	512	...	...	512	...	...	...	600	...	600	...	...	23
12	11	...	3	6	2	...	...	1	1	...	...	...	24
98,067	93,267	...	11,542	53,225	28,500	...	...	4,800	4,800	...	...	...	25
281	119	8	18	66	27	...	3	78	38	40	49	21	26
2,021,143	1,448,737	391,008	314,744	637,732	180,845	...	70,136	372,303	258,085	114,218	92,091	40,479	27
271	116	8	18	63	27	...	...	74	35	39	48	20	28
444,925	368,304	104,920	89,250	152,180	21,954	...	...	44,574	30,853	13,721	9,435	3,089	29
1	3	1	...	3	...	...	1	1	1	...	...	...	30
100,000	106,638	100,000	...	82,230	...	...	64,545	3,114	3,114	...	...	...	31
VI-F-1a	...	VI-F-1a	...	(3)	...	...	VI-F-1a	...	VI-F-1c	...	...	...	32
281	119	8	18	66	27	...	3	78	38	40	49	21	33
1,476,218	973,795	186,088	225,494	403,322	158,891	...	5,591	324,615	224,118	100,497	82,656	37,390	34
281	119	8	18	66	27	...	3	78	38	40	49	21	35
1,456,121	954,655	185,067	214,796	395,901	158,891	...	5,507	324,462	223,968	100,494	81,936	36,670	36
14	12	1	5	6	...	...	1	2	1	1	1	1	37
19,087	18,130	21	10,698	7,411	...	...	84	153	150	3	720	720	38
2	2	1	...	1	...	...	...	...	...	...	...	...	39
1,010	1,010	1,000	...	10	...	...	...	...	...	...	...	...	40
8	8	...	3	4	1	...	...	1	1	...	...	...	41
98,067	93,267	...	11,542	53,225	28,500	...	...	4,800	4,800	...	...	...	42
3.7	3.7	2.6	2.8	4.8	6.2	...	2.8	3.9	4.2	3.4	3.6	4.0	43
174	75	8	7	37	23	...	1	47	26	21	22	9	44
1,807,082	1,498,001	1,117,226	135,504	136,816	108,455	...	36,800	162,672	128,888	33,784	41,348	21,080	45

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Yellowstone River excluding Big Horn River (VI-F)—Continued					Big Horn River (VI-G)	Missouri River Headwaters above Three Forks (VI-H)		
		Stillwater River—Continued			Boulder River (6)	Shields River (7)		Total	Jefferson River	
		Rosebud Creek							Total	Jefferson River direct (1a)
		Total	West Rosebud Creek (5b)	East Rosebud Creek and Butcher Creek (5c)						
1	Total acres irrigated in Census year.....1959...	11,000	7,000	4,000	7,000	26,000	55,000	475,000	379,000	38,000
2	1949...	10,483	5,000	5,483	9,086	26,608	55,333	472,035	370,805	31,489
3	Irrigation organizations.....organizations 1959...	28	12	16	4	36	10	305	197	52
4	1949...	29	15	15	19	42	9	350	239	58
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	14,367	3,087	11,280	1,648	31,648	64,157	312,977	163,553	42,853
6	Farm area reported irrigated by organizations.....acres 1959...	13,766	3,087	10,679	1,417	23,431	57,969	265,133	141,484	34,641
7	Water users served, total.....water users 1959...	155	44	111	19	119	594	1,858	1,005	315
8	Farm irrigation water users.....water users 1959...	155	44	111	19	119	594	1,840	1,001	315
9	Residential water users.....water users 1959...	...	...	...	...	...	...	18	4	...
10	Other water users.....water users 1959...	...	...	...	...	...	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	...	...	...	...	...	...	10,000	9,000	...
12	Surface water sources.....acres...	11,000	7,000	4,000	7,000	26,000	55,000	465,000	370,000	38,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	28	12	16	4	36	10	303	196	51
14	acre-feet...	51,612	9,520	42,092	47,633	99,580	277,233	1,566,827	885,030	250,366
15	From another drainage basin.....organizations...	...	...	...	...	...	1	...	...	1
16	acre-feet...	...	...	...	...	...	216	...	...	1,500
17	From drainage basin number.....D. B. No....	...	...	...	...	...	Wyoming VI-G-1	...	...	VI-H-1c
18	From natural sources within basin...organizations...	28	12	16	4	36	9	291	184	43
19	acre-feet...	51,612	9,520	42,092	47,633	99,580	277,017	1,566,827	885,030	248,866
20	Surface water.....organizations...	28	12	16	4	36	9	288	181	43
21	acre-feet...	51,612	9,520	42,092	47,633	99,580	277,017	1,549,740	867,943	248,866
22	Ground water.....organizations...	...	...	...	...	...	...	5	5	...
23	acre-feet...	...	...	...	...	...	...	17,087	17,087	...
24	*From other organizations in the basin.....organizations receiving...*	...	...	...	...	...	3	16	15	10
25	*acre-feet...*	...	...	...	...	...	6,250	89,703	86,895	28,990
26	Total leaving conveyance systems.....organizations...	28	12	16	4	36	10	303	196	51
27	acre-feet...	51,612	9,520	42,092	47,633	99,580	277,233	1,566,827	885,030	250,366
28	Conveyance loss in basin.....organizations...	28	12	16	4	35	9	293	186	47
29	acre-feet...	6,346	1,157	5,189	7,833	14,779	50,035	408,634	245,886	126,678
30	Conveyed to another drainage basin..organizations...	...	...	...	3	...	...	...	...	...
31	acre-feet...	...	...	...	35,040	...	...	...	...	...
32	To drainage basin number.....D. B. No....	...	...	...	VI-F-1c	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	28	12	16	4	36	10	301	193	48
34	acre-feet...	45,266	8,363	36,903	4,760	84,801	227,198	1,158,193	639,144	123,688
35	To farm irrigation water users...organizations...	28	12	16	4	36	10	301	193	48
36	acre-feet...	45,266	8,363	36,903	4,760	84,801	227,198	1,152,553	639,124	123,688
37	To residential water users.....organizations...	...	...	...	...	...	...	3	1	...
38	acre-feet...	...	...	...	...	...	...	5,640	20	...
39	For other use.....organizations...	...	...	...	...	...	...	...	...	...
40	acre-feet...	...	...	...	...	...	...	...	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	...	...	...	...	...	1	9	8	6
42	*acre-feet...*	...	...	...	...	...	6,250	89,703	86,895	28,990
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.3	2.7	3.5	3.4	3.6	4.2	4.3	4.5	3.6
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	13	5	8	2	32	5	124	81	18
45	dollars...	20,268	3,311	16,957	2,122	66,139	130,000	440,280	246,200	59,900

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Missouri River Headwaters above Three Forks (VI-H)—Continued							
		Jefferson River—Continued						Madison River	Gallatin River
		Boulder River	Big Hole River	Beaverhead River					
				Total	Beaverhead River direct	Ruby River	Red Rock Creek		
		(1b)	(1c)		(1d)	(1e)	(1f)	(2)	(3)
1	Total acres irrigated in Census year.....1959...	5,000	156,000	180,000	113,000	41,000	26,000	26,000	70,000
2	1949...	19,915	132,046	187,355	107,607	29,997	49,751	34,249	66,981
3	Irrigation organizations.....organizations 1959...	23	36	86	35	34	17	37	72
4	1949...	32	42	107	49	35	23	35	77
	Service area, 1959:								
5	Farm area reported served by organizations.....acres 1959...	13,227	34,315	73,158	33,208	32,650	7,300	40,848	108,576
6	Farm area reported irrigated by organizations.....acres 1959...	6,902	29,737	70,204	31,929	31,310	6,965	29,689	93,960
7	Water users served, total.....water users 1959...	63	134	493	191	265	37	162	691
8	Farm irrigation water users.....water users 1959...	63	130	493	191	265	37	149	690
9	Residential water users.....water users 1959...	...	4	...	...	...	...	13	1
10	Other water users.....water users 1959...	...	...	...	...	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959								
11	Ground water sources.....acres...	...	1,000	8,000	7,000	1,000	...	...	1,000
12	Surface water sources.....acres...	5,000	155,000	172,000	106,000	40,000	26,000	26,000	69,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
13	Total entering conveyance systems in basin.....organizations...	23	36	86	35	34	17	37	71
14	acre-feet...	28,666	209,801	397,697	175,614	183,885	38,198	209,007	472,790
15	From another drainage basin.....organizations...	...	...	...	...	...	...	...	...
16	acre-feet...	...	...	...	...	...	...	...	...
17	From drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...
18	From natural sources within basin...organizations...	23	36	82	33	32	17	37	70
19	acre-feet...	28,666	209,801	397,697	175,614	183,885	38,198	209,007	472,790
20	Surface water.....organizations...	22	36	80	32	32	16	37	70
21	acre-feet...	27,541	209,801	381,735	162,874	183,885	34,976	209,007	472,790
22	Ground water.....organizations...	1	...	4	3	...	1	...	...
23	acre-feet...	1,125	...	15,962	12,740	...	3,222	...	...
24	*From other organizations in the basin.....organizations receiving...*	1	...	4	2	2	...	...	1
25	*acre-feet...*	750	...	57,155	755	56,400	...	...	2,808
26	Total leaving conveyance systems.....organizations...	23	36	86	35	34	17	37	71
27	acre-feet...	28,666	209,801	397,697	175,614	183,885	38,198	209,007	472,790
28	Conveyance loss in basin.....organizations...	23	35	81	32	32	17	36	71
29	acre-feet...	5,786	43,163	70,259	13,788	50,845	5,626	60,229	102,519
30	Conveyed to another drainage basin..organizations...	...	...	1	...	1	...	...	...
31	acre-feet...	...	...	1,500	...	1,500	...	...	...
32	To drainage basin number.....D. B. No....	...	...	...	...	VI-H-1a	...	...	...
33	Delivered for use in the basin.....organizations...	23	36	86	35	34	17	37	71
34	acre-feet...	22,880	166,638	325,938	161,826	131,540	32,572	148,778	370,271
35	To farm irrigation water users...organizations...	23	36	86	35	34	17	37	71
36	acre-feet...	22,880	166,618	325,938	161,826	131,540	32,572	148,076	365,353
37	To residential water users.....organizations...	...	1	...	...	...	...	1	1
38	acre-feet...	...	20	...	...	...	...	702	4,918
39	For other use.....organizations...	...	...	...	...	...	...	...	...
40	acre-feet...	...	...	...	...	...	...	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	1	...	2	1	1	...	...	1
42	*acre-feet...*	750	...	57,155	755	56,400	...	...	2,808
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.3	5.6	4.6	5.1	4.2	4.7	5.0	3.9
	NEW CAPITAL INVESTMENT, 1950-1959								
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	12	15	36	16	13	7	20	23
45	dollars...	6,560	84,340	95,400	73,425	14,575	7,400	133,775	60,305

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	Montana, total	Columbia River above Snake River excluding Yakima River (I-C)	Missouri River below Three Forks, Montana, excluding Platte and Yellowstone River (VI-C)	Yellowstone River and Big Horn River (VI-F and VI-G)	Missouri River Headwaters above Three Forks, Montana (VI-H)
1	Irrigation organizations, total number.....organizations 1959...	1,050	299	153	293	305
2	1949...	1,234	397	172	317	350
3	Area irrigated as reported by organizations.....acres 1959...	1,347,197	266,578	368,733	446,753	265,133
4	1949...	1,149,358	236,168	324,622	381,052	207,516
5	Farm water users served directly....water users 1959...	14,773	5,230	3,151	4,552	1,840
6	Total water conveyed.....acre-feet 1959...	6,234,890	1,020,738	1,154,929	2,402,693	1,656,530
	TYPE OF ORGANIZATION					
	Mutual:					
7	Unincorporated.....organizations 1959...	787	252	90	185	260
8	1949...	994	343	124	214	313
9	Farm area irrigated directly.....acres 1959...	362,973	76,681	40,139	97,979	148,174
10	Farm water users served directly.....water users 1959...	3,227	1,114	304	797	1,012
11	Total water conveyed.....acre-feet 1959...	1,778,459	342,648	118,666	447,390	869,755
12	Incorporated.....organizations 1959...	203	30	38	90	45
13	1949...	158	23	20	82	33
14	Farm area irrigated directly.....acres 1959...	491,189	41,860	127,646	204,724	116,959
15	Farm water users served directly.....water users 1959...	5,126	689	1,196	2,413	828
16	Total water conveyed.....acre-feet 1959...	2,692,345	150,124	507,269	1,248,177	786,775
17	District.....organizations 1959...	35	12	9	14	...
18	1949...	39	20	9	11	...
19	Farm area irrigated directly.....acres 1959...	309,869	33,340	162,417	114,112	...
20	Farm water users served directly.....water users 1959...	3,662	1,359	1,227	1,076	...
21	Total water conveyed.....acre-feet 1959...	1,085,931	147,520	372,073	566,338	...
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau...organizations 1959...	4	...	4	...	...
23	1949...	3	1	2	...	...
24	Farm area irrigated directly.....acres 1959...	6,887	...	6,887	...	...
25	Farm water users served directly.....water users 1959...	68	...	68	...	...
26	Total water conveyed.....acre-feet 1959...	72,302	...	72,302	...	...
27	*U. S. Bureau of Reclamation; operated by water users .....organizations 1959...*	15	3	5	7	...
28	*1949...*	16	NA	NA	NA	NA
29	Farm area irrigated directly.....acres 1959...	238,790	20,700	138,269	79,821	...
30	Farm water users served directly.....water users 1959...	2,034	336	1,031	667	...
31	Total water conveyed.....acre-feet 1959...	847,937	108,253	307,429	432,255	...
32	U. S. Bureau of Indian Affairs....organizations 1959...	17	4	9	4	...
33	1949...	7	1	4	3	...
34	Farm area irrigated directly.....acres 1959...	157,791	(D)	(D)	29,938	...
35	Farm water users served directly.....water users 1959...	2,317	(D)	(D)	266	...
36	Total water conveyed.....acre-feet 1959...	524,523	(D)	(D)	140,788	...
37	Commercial.....organizations 1959...	...	...	...	...	...
38	1949...	3	1	1	1	...
39	Farm area irrigated directly.....acres 1959...	...	...	...	...	...
40	Farm water users served directly.....water users 1959...	...	...	...	...	...
41	Total water conveyed.....acre-feet 1959...	...	...	...	...	...
42	State.....organizations 1959...	4	1	3	...	...
43	1949...	29	7	12	6	4
44	Farm area irrigated directly.....acres 1959...	18,488	(D)	(D)	...	...
45	Farm water users served directly.....water users 1959...	373	(D)	(D)	...	...
46	Total water conveyed.....acre-feet 1959...	81,330	(D)	(D)	...	...
47	City.....organizations 1959...	...	...	...	...	...
48	1949...	1	1	...	...	...
49	Farm area irrigated directly.....acres 1959...	...	...	...	...	...
50	Farm water users served directly.....water users 1959...	...	...	...	...	...
51	Total water conveyed.....acre-feet 1959...	...	...	...	...	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Montana, total	Columbia River above Snake River excluding Yakima River (I-C)	Missouri River below Three Forks, Montana, excluding Platte and Yellowstone River (VI-C)	Yellowstone River and Big Horn River (VI-F and VI-G)	Missouri River Headwaters above Three Forks, Montana (VI-H)
	TYPE OF SERVICE, 1959					
1	All water directly from surface and ground water sources.....organizations...	1,002	295	145	275	287
2	Total water conveyed.....acre-feet...	5,818,054	894,496	1,088,577	2,282,289	1,552,692
3	Water delivered.....acre-feet...	4,321,516	628,945	806,720	1,710,242	1,175,609
4	To farm and residential users only.....organizations...	979	294	140	266	279
5	acre-feet...	3,640,880	624,575	712,324	1,240,246	1,063,735
6	To farm and residential users and other irrigation organizations.....organizations...	23	1	5	9	8
7	Water to farm and residential users.....acre-feet...	427,198	3,620	31,828	365,679	26,071
8	Water to other irrigation organizations.....acre-feet...	253,438	750	62,568	104,317	85,803
9	To other irrigation organizations only.....organizations...	...	...	...	...	...
10	acre-feet...	...	...	...	...	...
11	Part of water from other organizations.....organizations...	19	3	4	6	6
12	Total water conveyed.....acre-feet ..	182,575	126,242	5,264	31,262	19,807
13	From surface and ground water sources.....acre-feet...	154,807	121,017	3,784	15,871	14,135
14	From other irrigation organizations.....acre-feet...	27,768	5,225	1,480	15,391	5,672
15	Water delivered.....acre-feet...	142,374	97,999	4,875	24,053	15,447
16	To farm and residential users only.....organizations...	16	1	4	6	5
17	acre-feet...	109,052	71,877	4,875	24,053	8,247
18	To farm and residential users and other irrigation organizations.....organizations...	3	2	...	...	1
19	Water to farm and residential users.....acre-feet...	24,947	21,647	...	...	3,300
20	Water to other irrigation organizations.....acre-feet...	8,375	4,475	...	...	3,900
21	To other irrigation organizations only.....organizations...	...	...	...	...	...
22	acre-feet...	...	...	...	...	...
23	All of water from other organizations.....organizations...	23	...	3	10	10
24	Total water conveyed.....acre-feet...	234,261	...	61,088	89,142	84,031
25	Water delivered.....acre-feet...	173,785	...	44,517	72,428	56,840
26	To farm and residential users only.....organizations...	23	...	3	10	10
27	acre-feet...	173,785	...	44,517	72,428	56,840
28	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...
29	Water to farm residential users.....acre-feet...	...	...	...	...	...
30	Water to other irrigation organizations.....acre-feet...	...	...	...	...	...
31	To other irrigation organizations only.....organizations...	...	...	...	...	...
32	acre-feet...	...	...	...	...	...
33	No water conveyed.....organizations...	6	1	1	2	2
	WATER FROM OTHER SOURCES					
34	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	808	223	128	268	189
35	acres served...	1,407,584	274,308	461,544	497,140	174,592
36	acres irrigated...	1,159,439	233,001	329,029	449,095	148,314
37	Water delivered to farms.....acre-feet...	3,537,172	597,029	680,382	1,616,026	643,735
38	acre-feet per acre...	3.1	2.6	2.1	3.6	4.3
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	234	75	23	23	113
40	acres served...	265,041	41,781	56,054	28,821	138,385
41	acres irrigated...	215,633	33,577	39,704	25,533	116,819
42	Water delivered to farms.....acre-feet...	867,527	113,810	106,628	138,271	508,818
43	acre-feet per acre...	4.0	3.4	2.7	5.4	4.3

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Montana, total	Columbia River above Snake River excluding Yakima River (I-C)	Missouri River below Three Forks, Montana, excluding Platte and Yellowstone River (VI-C)	Yellowstone River and Big Horn River (VI-F and VI-G)	Missouri River Headwaters above Three Forks, Montana (VI-H)
	WATER DELIVERED PER ACRE					
	Organizations reporting NO water from other sources used on same land:					
1	0.1 to 0.9 acre-feet per acre.....organizations...	33	9	15	4	5
2	acres irrigated...	45,349	3,133	27,244	9,210	5,762
3	1.0 to 1.9 acre-feet per acre.....organizations...	138	36	48	32	22
4	acres irrigated...	323,156	108,799	175,740	26,587	12,030
5	2.0 to 2.9 acre-feet per acre.....organizations...	180	52	34	70	24
6	acres irrigated...	351,052	39,338	75,763	201,311	34,640
7	3.0 to 3.9 acre-feet per acre.....organizations...	154	50	13	65	26
8	acres irrigated...	169,165	31,165	25,076	88,939	23,985
9	4.0 to 4.9 acre-feet per acre.....organizations...	101	36	10	38	17
10	acres irrigated...	96,959	31,491	12,795	37,809	14,864
11	5.0 to 5.9 acre-feet per acre.....organizations...	76	19	2	17	38
12	acres irrigated...	56,390	6,254	4,288	14,841	31,007
13	6.0 to 6.9 acre-feet per acre.....organizations...	45	9	3	16	17
14	acres irrigated...	55,231	7,129	3,005	36,140	8,957
15	7.0 to 7.9 acre-feet per acre.....organizations...	32	7	1	10	14
16	acres irrigated...	18,899	4,637	1,568	7,014	5,680
17	8.0 to 9.9 acre-feet per acre.....organizations...	25	2	1	10	12
18	acres irrigated...	31,538	305	900	23,409	6,924
19	10.0 or more acre-feet per acre.....organizations...	24	3	1	6	14
20	acres irrigated...	11,700	750	2,650	3,835	4,465
	SIZE OF ORGANIZATION					
	Size of organization (number of farm irrigation water users served directly):					
21	None.....organizations...	9	1	2	2	4
22	1 to 3.....organizations...	519	161	73	101	184
23	water users...	1,216	370	173	242	431
24	4 to 9.....organizations...	303	86	38	112	67
25	water users...	1,664	483	203	616	362
26	10 to 29.....organizations...	132	28	16	46	42
27	water users...	2,065	417	273	742	633
28	30 to 99.....organizations...	62	15	18	21	8
29	water users...	3,224	721	939	1,150	414
30	100 to 299.....organizations...	19	5	4	10	...
31	water users...	3,287	944	620	1,723	...
32	300 to 999.....organizations...	5	2	2	1	...
33	water users...	2,351	1,070	943	338	...
34	1,000 or more.....organizations...	1	1	...	...	...
35	water users...	1,225	1,225	...	...	...
	Size of organization (acre-feet of water delivered directly to farms):					
36	None.....organizations...	9	1	2	2	4
37	1 to 299 acre-feet.....organizations...	139	73	25	21	20
38	acre-feet...	20,753	10,135	3,641	3,424	3,553
39	300 to 999 acre-feet.....organizations...	282	96	41	74	71
40	acre-feet...	169,190	57,824	23,322	46,152	41,892
41	1,000 to 2,999 acre-feet.....organizations...	317	82	46	87	102
42	acre-feet...	558,692	134,348	83,075	158,813	182,456
43	3,000 to 9,999 acre-feet.....organizations...	204	38	16	72	78
44	acre-feet...	1,082,748	194,368	80,789	408,773	398,818
45	10,000 to 29,999 acre-feet.....organizations...	78	5	19	25	29
46	acre-feet...	1,280,732	76,682	345,917	376,464	481,669
47	30,000 to 99,999 acre-feet.....organizations...	17	4	3	9	1
48	acre-feet...	819,805	237,482	140,259	397,899	44,165
49	100,000 or more acre-feet.....organizations...	4	...	1	3	...
50	acre-feet...	472,779	...	110,007	362,772	...
	Size of organization (acre-feet of water conveyed):					
51	None.....organizations...	6	1	1	2	2
52	1 to 299 acre-feet.....organizations...	113	60	21	17	15
53	acre-feet...	16,901	8,327	3,167	2,790	2,617
54	300 to 999 acre-feet.....organizations...	259	90	38	68	63
55	acre-feet...	165,357	55,563	22,968	47,535	39,291
56	1,000 to 2,999 acre-feet.....organizations...	313	91	42	80	100
57	acre-feet...	572,302	154,585	76,157	147,677	193,883
58	3,000 to 9,999 acre-feet.....organizations...	224	44	22	75	83
59	acre-feet...	1,231,228	240,913	105,255	422,848	462,212
60	10,000 to 29,999 acre-feet.....organizations...	98	8	19	37	34
61	acre-feet...	1,628,185	101,888	373,994	584,150	568,153
62	30,000 to 99,999 acre-feet.....organizations...	31	4	9	10	8
63	acre-feet...	1,630,955	251,390	401,843	587,348	390,374
64	100,000 or more acre-feet.....organizations...	6	1	1	4	...
65	acre-feet...	1,025,214	208,072	171,545	645,597	...

State Table 3.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Montana, total	Columbia River above Snake River excluding Yakima River	Missouri River below Three Forks, Montana, excluding Platte and Yellowstone River	Yellowstone and Big Horn Rivers	Missouri River Headwaters above Three Forks, Montana	Hudson Bay (Red River of the North)
1	Total acres irrigated.....farms reporting...	11,935	3,369	3,313	3,782	1,456	15
2	acres...	1,874,520	367,545	538,057	493,135	474,972	811
3	Acres irrigated by sprinklers....farms reporting...	1,376	852	243	110	165	6
4	acres...	67,745	38,232	13,881	3,268	12,131	233
5	Sprinklers only.....farms reporting...	741	525	136	45	32	3
6	acres...	35,916	23,318	8,424	1,311	2,757	106
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959						
7	Ground water sources on farm.....farms reporting...	537	276	111	80	69	1
8	acres...	30,791	11,349	6,505	3,972	8,885	80
9	Ground water sources on farm only.farms reporting...	300	171	52	45	31	1
10	acres...	14,148	5,704	3,352	2,859	2,153	80
11	Surface sources on farm.....farms reporting...	4,771	1,515	1,441	929	872	14
12	acres...	909,901	184,716	242,994	124,403	357,057	731
13	Surface sources on farm only.....farms reporting...	4,055	1,261	1,251	796	733	14
14	acres...	795,571	155,893	212,076	109,052	317,819	731
15	Irrigation organization sources.....farms reporting...	7,452	1,883	1,973	2,926	670	...
16	acres...	933,828	171,480	288,558	364,760	109,030	...
17	Irrigation organization sources only.....farms reporting...	6,753	1,631	1,794	2,790	538	...
18	acres...	836,876	147,217	256,005	344,612	89,042	...
19	Both farm ground water sources and surface sources.....farms reporting...	126	53	36	15	22	...
20	acres...	38,567	9,608	5,700	1,508	21,751	...
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	701	253	180	136	132	...
22	acres...	189,358	49,123	60,924	35,104	44,207	...

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	Montana, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	1,050	787	203	35	4	15	21
1949...	1,234	994	158	39	3	16	40
Service area, 1959:							
Area served, as reported by organizations.....acres...	1,642,968	449,079	626,781	357,906	11,623	278,058	197,579
Area irrigated, as reported by organizations.....acres...	1,347,197	362,973	491,189	309,869	6,887	238,790	176,279
Water users served, 1959, total.....water users...	17,181	3,335	6,033	3,829	69	2,067	3,915
Farm irrigation water users.....water users...	14,773	3,227	5,126	3,662	68	2,034	2,690
Residential water users.....water users...	2,395	107	898	165	...	31	1,225
Other water users.....water users...	13	1	9	2	1	2	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	1,002	771	176	32	2	13	21
Total water conveyed.....acre-feet...	5,818,054	1,733,082	2,466,905	970,500	41,714	749,042	605,853
Water delivered.....acre-feet...	4,321,516	1,401,863	1,885,675	588,212	38,091	409,344	407,675
To farm and residential users only.....organizations...	979	767	159	31	1	13	21
acre-feet...	3,640,880	1,383,288	1,281,436	560,978	7,503	409,344	407,675
To farm and residential users and other irrigation organizations.....organizations...	23	4	17	1	1	...	...
Water to farm and residential users.....acre-feet...	427,198	8,830	395,634	22,734	...	...	...
Water to other irrigation organizations.....acre-feet...	253,438	9,745	208,605	4,500	30,588	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	19	9	7	3	...	2	...
Total water conveyed.....acre-feet...	182,575	23,746	43,398	115,431	...	98,895	...
From surface and ground water sources.....acre-feet...	154,807	12,844	30,423	111,540	...	98,145	...
From other irrigation organizations.....acre-feet...	27,768	10,902	12,975	3,891	...	750	...
Water delivered.....acre-feet...	142,374	19,895	37,984	84,495	...	72,093	...
To farm and residential users only.....organizations...	16	9	4	3	...	2	...
acre-feet...	109,052	19,895	4,662	84,495	...	72,093	...
To farm and residential users and other irrigation organizations.....organizations...	3	...	3	...	...	...	...
Water to farm and residential users.....acre-feet...	24,947	...	24,947	...	...	...	...
Water to other irrigation organizations.....acre-feet...	8,375	...	8,375	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	23	7	15	...	1	...	...
Total water conveyed.....acre-feet...	234,261	21,631	182,042	...	30,588	...	...
Water delivered.....acre-feet...	173,785	17,600	137,693	...	18,492	...	...
To farm and residential users only.....organizations...	23	7	15	...	1	...	...
acre-feet...	173,785	17,600	137,693	...	18,492	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	6	...	5	...	1	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	808	597	153	35	2	15	21
acres served...	1,407,584	332,718	478,931	386,733	11,623	306,885	197,579
acres irrigated...	1,159,439	268,442	370,797	337,034	6,887	265,955	176,279
water delivered to farms (acre-feet)...	3,537,172	1,041,351	1,343,576	728,662	25,995	550,110	397,588
acre-feet per acre...	3.1	3.9	3.6	2.2	3.8	2.0	2.2
Organizations reporting water from other sources used on land served by the organization.....organizations...	234	189	45	...	...	...	...
acres served...	265,041	116,711	148,330	...	...	...	...
acres irrigated...	215,633	94,761	120,872	...	...	...	...
water delivered to farms (acre-feet)...	867,527	386,684	480,843	...	...	...	...
acre-feet per acre...	4.0	4.1	4.0	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	514	385	97	22	3	13	7
By U. S. B. R.....dollars...	17,637,251	...	...	91,301	17,545,950	91,301	...
By water users organizations.....dollars...	6,603,450	735,193	1,290,604	2,654,517	...	2,518,609	1,923,136

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Montana, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	1,044	787	198	35	3	15	21
acre-feet...	5,973,077	1,745,926	2,497,328	1,082,256	41,714	847,187	605,853
From another drainage basin.....organizations...	3	1	1	1	...	1	...
acre-feet...	2,786	2,290	280	216	...	216	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	1,017	778	182	34	2	14	21
acre-feet...	5,970,291	1,743,636	2,497,048	1,082,040	41,714	846,971	605,853
Surface water.....organizations...	1,005	768	181	33	2	14	21
acre-feet...	5,922,639	1,717,784	2,475,848	1,081,440	41,714	846,971	605,853
Ground water.....organizations...	19	15	3	1	...	...	...
acre-feet...	47,652	25,852	21,200	600	...	...	...
From other organizations in the basin.....organizations receiving...	41	16	22	2	1	1	...
acre-feet...	261,813	32,533	195,017	3,675	30,588	750	...
Total leaving conveyance systems.....organizations...	1,044	787	198	35	3	15	21
acre-feet...	5,973,077	1,768,714	2,475,365	1,081,431	41,714	748,153	605,853
Conveyance loss in basin.....organizations...	979	737	187	33	2	14	20
acre-feet...	1,484,101	339,091	628,659	302,494	15,679	255,770	198,178
Conveyed to another drainage basin.....organizations...	1	...	...	1	...	...	...
acre-feet...	100,000	...	...	100,000	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	1,041	786	197	35	2	15	21
acre-feet...	4,388,976	1,429,623	1,846,706	678,937	26,035	492,167	407,675
To farm irrigation water users.....organizations...	1,041	786	197	35	2	15	21
acre-feet...	4,333,721	1,427,345	1,823,459	659,334	25,995	480,782	397,588
To domestic water users.....organizations...	30	13	13	3	...	2	1
acre-feet...	42,141	2,268	20,913	8,873	...	655	10,087
For other use.....organizations...	9	1	5	2	1	2	...
acre-feet...	13,114	10	2,334	10,730	40	10,730	...
Delivered to other irrigation organizations..... organizations delivering...	26	4	20	1	1	...	...
acre-feet...	261,813	9,745	216,980	4,500	30,588	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	11	3	6	...	2	...	...
1 to 3 water users.....organizations...	519	495	21	...	...	...	3
4 to 9 water users.....organizations...	303	241	54	4	...	2	4
10 to 29 water users.....organizations...	130	44	76	7	1	3	2
30 to 99 water users.....organizations...	62	4	38	14	1	1	5
100 to 299 water users.....organizations...	19	...	7	7	...	7	5
300 to 999 water users.....organizations...	5	...	1	3	...	2	1
1,000 or more water users.....organizations...	1	...	...	...	...	...	1
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	9	1	6	...	2	...	...
1 to 299 acre-feet.....organizations...	139	132	6	...	...	...	1
300 to 999 acre-feet.....organizations...	282	256	19	4	...	2	3
1,000 to 2,999 acre-feet.....organizations...	317	267	42	2	...	...	6
3,000 to 9,999 acre-feet.....organizations...	204	115	73	13	1	4	2
10,000 to 29,999 acre-feet.....organizations...	78	16	48	8	1	1	5
30,000 to 99,999 acre-feet.....organizations...	17	...	8	6	...	6	3
100,000 or more acre-feet.....organizations...	4	...	1	2	...	2	1
Size of organization (acre-feet of water conveyed):							
None.....organizations...	6	...	5	...	1	1	...
1 to 299 acre-feet.....organizations...	113	108	4	...	...	...	1
300 to 999 acre-feet.....organizations...	259	241	12	3	...	1	3
1,000 to 2,999 acre-feet.....organizations...	313	268	39	2	...	1	4
3,000 to 9,999 acre-feet.....organizations...	224	142	69	10	...	2	3
10,000 to 29,999 acre-feet.....organizations...	98	28	53	11	1	3	5
30,000 to 99,999 acre-feet.....organizations...	31	...	20	6	2	4	3
100,000 or more acre-feet.....organizations...	6	...	1	3	...	3	2

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Columbia River above Snake River excluding Yakima River (I-C)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	299	252	30	12	...	3	5
1949...	397	343	23	20	1	NA	10
Service area, 1959:							
Area served, as reported by organizations.....acres...	316,089	91,883	63,667	38,210	...	22,390	122,329
Area irrigated, as reported by organizations.....acres...	266,578	76,681	41,860	33,340	...	20,700	114,697
Water users served, 1959, total.....water users...	6,658	1,139	866	1,360	...	337	3,293
Farm irrigation water users:.....water users...	5,230	1,114	689	1,359	...	336	2,068
Residential water users.....water users...	1,426	25	175	1	...	1	1,225
Other water users.....water users...	2	...	2	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	295	252	27	11	...	2	5
Total water conveyed.....acre-feet...	894,496	342,648	122,561	48,841	...	9,574	380,446
Water delivered.....acre-feet...	628,945	272,618	104,018	37,408	...	8,617	214,901
To farm and residential users only.....organizations...	294	251	27	11	...	2	5
acre-feet...	624,575	268,248	104,018	37,408	...	8,617	214,901
To farm and residential users and other irrigation organizations.....organizations...	1	1	...	...	...	...	...
Water to farm and residential users.....acre-feet...	3,620	3,620	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	750	750	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	3	...	2	1	...	1	...
Total water conveyed.....acre-feet...	126,242	...	27,563	98,679	...	98,679	...
From surface and ground water sources.....acre-feet...	121,017	...	23,088	97,929	...	97,929	...
From other irrigation organizations.....acre-feet...	5,225	...	4,475	750	...	750	...
Water delivered.....acre-feet...	97,999	...	26,122	71,877	...	71,877	...
To farm and residential users only.....organizations...	1	...	...	1	...	1	...
acre-feet...	71,877	...	...	71,877	...	71,877	...
To farm and residential users and other irrigation organizations.....organizations...	2	...	2	...	...	...	...
Water to farm and residential users.....acre-feet...	21,647	...	21,647	...	...	...	...
Water to other irrigation organizations.....acre-feet...	4,475	...	4,475	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	1	...	1	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	223	187	19	12	...	3	5
acres served...	274,308	64,935	48,834	38,210	...	22,390	122,329
acres irrigated...	233,001	55,672	29,292	33,340	...	20,700	114,697
water delivered to farms (acre-feet)...	597,029	204,542	78,388	109,285	...	80,494	204,814
acre-feet per acre...	2.6	3.7	2.7	3.3	...	3.3	1.8
Organizations reporting water from other sources used on land served by the organization.....organizations...	75	65	10	...	...	...	...
acres served...	41,781	26,948	14,833	...	...	...	...
acres irrigated...	33,577	21,009	12,568	...	...	...	...
water delivered to farms (acre-feet)...	113,810	66,763	47,047	...	...	...	...
acre-feet per acre...	3.4	3.2	3.7	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	133	107	15	8	...	3	3
By U. S. B. R.....dollars...	1,680	...	...	1,680	...	1,680	...
By water users organizations.....dollars...	2,214,816	162,659	158,292	401,978	...	341,770	1,491,887

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Columbia River above Snake River excluding Yakima River (I-C)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	298	252	29	12	...	3	5
acre-feet...	1,015,513	342,648	145,649	146,770	...	107,503	380,446
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	298	252	29	12	...	3	5
acre-feet...	1,015,513	342,648	145,649	146,770	...	107,503	380,446
Surface water.....organizations...	292	248	28	11	...	3	5
acre-feet...	999,858	339,343	133,899	146,170	...	107,503	380,446
Ground water.....organizations...	8	5	2	1	...	...	...
acre-feet...	15,655	3,305	11,750	600	...	...	...
From other organizations in the basin.....organizations receiving...	3	...	2	1	...	1	...
acre-feet...	5,225	...	4,475	750	...	750	...
Total leaving conveyance systems.....organizations...	298	252	29	12	...	3	5
acre-feet...	1,015,513	341,898	145,649	147,520	...	108,253	380,446
Conveyance loss in basin.....organizations...	263	221	26	11	...	3	5
acre-feet...	293,792	70,030	19,982	38,235	...	27,759	165,545
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	298	252	29	12	...	3	5
acre-feet...	721,721	271,868	125,667	109,285	...	80,494	214,901
To farm irrigation water users.....organizations...	298	252	29	12	...	3	5
acre-feet...	710,839	271,305	125,435	109,285	...	80,494	204,814
To domestic water users.....organizations...	9	6	2	...	...	...	1
acre-feet...	10,880	563	230	...	...	...	10,087
For other use.....organizations...	1	...	1	...	...	...	...
acre-feet...	2	...	2	...	...	...	...
Delivered to other irrigation organizations..... organizations delivering...	3	1	2	...	...	...	...
acre-feet...	5,225	750	4,475	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	1	...	1	...	...	...	...
1 to 3 water users.....organizations...	161	157	4	...	...	...	...
4 to 9 water users.....organizations...	86	75	8	3	...	1	...
10 to 29 water users.....organizations...	28	17	11	...	...	...	...
30 to 99 water users.....organizations...	15	3	5	7	...	1	...
100 to 299 water users.....organizations...	5	...	1	1	...	1	3
300 to 999 water users.....organizations...	2	...	...	1	...	...	1
1,000 or more water users.....organizations...	1	...	...	...	...	...	1
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	1	...	1	...	...	...	...
1 to 299 acre-feet.....organizations...	73	71	2	...	...	...	...
300 to 999 acre-feet.....organizations...	96	90	3	3	...	1	...
1,000 to 2,999 acre-feet.....organizations...	82	71	9	2	...	...	...
3,000 to 9,999 acre-feet.....organizations...	38	19	13	6	...	1	...
10,000 to 29,999 acre-feet.....organizations...	5	1	2	...	...	...	2
30,000 to 99,999 acre-feet.....organizations...	4	...	...	1	...	1	3
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	1	...	1	...	...	...	...
1 to 299 acre-feet.....organizations...	60	59	1	...	...	...	...
300 to 999 acre-feet.....organizations...	90	84	3	3	...	1	...
1,000 to 2,999 acre-feet.....organizations...	91	81	9	1	...	...	...
3,000 to 9,999 acre-feet.....organizations...	44	25	12	7	...	1	...
10,000 to 29,999 acre-feet.....organizations...	8	3	4	...	...	...	1
30,000 to 99,999 acre-feet.....organizations...	4	...	....	1	...	1	3
100,000 or more acre-feet.....organizations...	1	...	...	...	...	...	1

NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Missouri River below Three Forks, Montana, (excluding Platte and Yellowstone Rivers), and Hudson Bay (Red River of the North) (VI-C and VII)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	153	90	38	9	4	5	12
1949...	172	124	20	9	2	NA	17
Service area, 1959:							
Area served, as reported by organizations.....acres...	517,598	67,344	205,641	194,257	11,623	166,772	38,733
Area irrigated, as reported by organizations.....acres...	368,733	40,139	127,646	162,417	6,887	138,269	31,644
Water users served, 1959, total.....water users...	3,194	314	1,227	1,228	69	1,057	356
Farm irrigation water users.....water users...	3,151	304	1,196	1,227	68	1,031	356
Residential water users.....water users...	36	10	26	...	...	25	...
Other water users.....water users...	7	...	5	1	1	1	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	145	86	36	9	2	5	12
Total water conveyed.....acre-feet...	1,088,577	113,402	476,769	372,073	41,714	307,429	84,619
Water delivered.....acre-feet...	806,720	93,410	373,954	237,579	38,091	196,439	63,686
To farm and residential users only.....organizations...	140	85	33	9	1	5	12
acre-feet...	712,324	92,685	310,871	237,579	7,503	196,439	63,686
To farm and residential users and other irrigation organizations.....organizations...	5	1	3	...	1	...	...
Water to farm and residential users.....acre-feet...	31,828	675	31,153	...	...	...	...
Water to other irrigation organizations.....acre-feet...	62,568	50	31,930	...	30,588	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	4	4	...	...	...	...	...
Total water conveyed.....acre-feet...	5,264	5,264	...	...	...	...	...
From surface and ground water sources.....acre-feet...	3,784	3,784	...	...	...	...	...
From other irrigation organizations.....acre-feet...	1,480	1,480	...	...	...	...	...
Water delivered.....acre-feet...	4,875	4,875	...	...	...	...	...
To farm and residential users only.....organizations...	4	4	...	...	...	...	...
acre-feet...	4,875	4,875	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	3	...	2	...	1	...	...
Total water conveyed.....acre-feet...	61,088	...	30,500	...	30,588	...	...
Water delivered.....acre-feet...	44,517	...	26,025	...	18,492	...	...
To farm and residential users only.....organizations...	3	...	2	...	1	...	...
acre-feet...	44,517	...	26,025	...	18,492	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	1	...	...	...	1	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	128	76	29	9	2	5	12
acres served...	461,544	59,139	157,792	194,257	11,623	166,772	38,733
acres irrigated...	329,029	34,609	93,472	162,417	6,887	138,269	31,644
water delivered to farms (acre-feet)...	680,382	79,679	273,443	237,579	25,995	196,284	63,686
acre-feet per acre...	2.1	2.3	2.9	1.5	3.8	1.4	2.0
Organizations reporting water from other sources used on land served by the organization.....organizations...	23	14	9	...	...	...	...
acres served...	56,054	8,205	47,849	...	...	...	...
acres irrigated...	39,704	5,530	34,174	...	...	...	...
water delivered to farms (acre-feet)...	106,628	18,307	88,321	...	...	...	...
acre-feet per acre...	2.7	3.3	2.6	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	78	53	17	4	3	4	1
By U. S. B. R.....dollars...	17,635,571	...	...	89,621	17,545,950	89,621	...
By water users organizations.....dollars...	2,011,272	87,440	332,554	1,237,029	...	1,217,029	354,249

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Missouri River below Three Forks, Montana, (excluding Platte and Yellowstone Rivers), and Hudson Bay (Red River of the North) (VI-C and VII)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	153	90	38	9	4	5	12
acre-feet...	1,092,361	117,186	476,769	372,073	41,714	307,429	84,619
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	150	90	36	9	3	5	12
acre-feet...	1,092,361	117,186	476,769	372,073	41,714	307,429	84,619
Surface water.....organizations...	148	88	36	9	3	5	12
acre-feet...	1,078,563	103,388	476,769	372,073	41,714	307,429	84,619
Ground water.....organizations...	3	3	...	...	...	...	...
acre-feet...	13,798	13,798	...	...	...	...	...
From other organizations in the basin.....organizations receiving...	7	4	2	...	1	...	...
acre-feet...	62,568	1,480	30,500	...	30,588	...	...
Total leaving conveyance systems.....organizations...	153	90	38	9	4	5	12
acre-feet...	1,092,361	118,616	475,339	372,073	41,714	307,429	84,619
Conveyance loss in basin.....organizations...	143	83	37	9	2	5	12
acre-feet...	286,715	20,381	104,958	124,764	15,679	101,260	20,933
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	151	90	38	9	2	5	12
acre-feet...	805,646	98,235	370,381	247,309	26,035	206,169	63,686
To farm irrigation water users.....organizations...	151	90	38	9	2	5	12
acre-feet...	787,010	97,986	361,764	237,579	25,995	196,284	63,686
To domestic water users.....organizations...	4	2	2	...	...	1	...
acre-feet...	6,534	249	6,285	...	...	155	...
For other use.....organizations...	6	...	4	1	1	1	...
acre-feet...	12,102	...	2,332	9,730	40	9,730	...
Delivered to other irrigation organizations..... organizations delivering...	5	1	3	...	1	...	...
acre-feet...	62,568	50	31,930	...	30,588	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	2	...	...	...	2	...	...
1 to 3 water users.....organizations...	73	66	5	...	...	...	2
4 to 9 water users.....organizations...	38	22	11	1	...	1	4
10 to 29 water users.....organizations...	16	2	11	1	1	...	1
30 to 99 water users.....organizations...	18	...	9	4	1	...	4
100 to 299 water users.....organizations...	4	...	1	2	...	3	1
300 to 999 water users.....organizations...	2	...	1	1	...	1	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	2	...	...	...	2	...	...
1 to 299 acre-feet.....organizations...	25	24	1	...	...	...	...
300 to 999 acre-feet.....organizations...	41	32	5	1	...	1	3
1,000 to 2,999 acre-feet.....organizations...	46	29	11	...	...	1	6
3,000 to 9,999 acre-feet.....organizations...	16	4	11	...	1	2	...
10,000 to 29,999 acre-feet.....organizations...	19	1	8	6	1	1	3
30,000 to 99,999 acre-feet.....organizations...	3	...	2	1	...	...	...
100,000 or more acre-feet.....organizations...	1	...	...	1	...	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	1	...	...	...	1	...	...
1 to 299 acre-feet.....organizations...	21	20	1	...	...	...	...
300 to 999 acre-feet.....organizations...	38	32	3	...	...	...	3
1,000 to 2,999 acre-feet.....organizations...	42	27	10	1	...	1	4
3,000 to 9,999 acre-feet.....organizations...	22	10	10	...	...	...	2
10,000 to 29,999 acre-feet.....organizations...	19	1	8	6	1	1	3
30,000 to 99,999 acre-feet.....organizations...	9	...	6	1	2	2	...
100,000 or more acre-feet.....organizations...	1	...	...	1	...	1	...

NA Not available.

State Table 4.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Con.

Item (For definitions and explanations, see text)	Yellowstone River and Big Horn River (VI-F and VI-G)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	293	185	90	14	...	7	4
1949...	317	214	82	11	...	NA	10
Service area, 1959:							
Area served, as reported by organizations.....acres...	496,304	110,194	224,154	125,439	...	88,896	36,517
Area irrigated, as reported by organizations.....acres...	446,753	97,979	204,724	114,112	...	79,821	29,938
Water users served, 1959, total.....water users...	5,471	853	3,111	1,241	...	673	266
Farm irrigation water users:.....water users...	4,552	797	2,413	1,076	...	667	266
Residential water users.....water users...	915	55	696	164	...	5	...
Other water users.....water users...	4	1	2	1	...	1	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	275	184	75	12	...	6	4
Total water conveyed.....acre-feet...	2,282,289	436,890	1,155,025	549,586	...	432,039	140,788
Water delivered.....acre-feet...	1,710,242	365,694	902,235	313,225	...	204,288	129,088
To farm and residential users only.....organizations...	266	184	67	11	...	6	4
acre-feet...	1,240,246	365,694	459,473	285,991	...	204,288	129,088
To farm and residential users and other irrigation organizations.....organizations...	9	...	8	1	...	...	...
Water to farm and residential users.....acre-feet...	365,679	...	342,945	22,734	...	...	...
Water to other irrigation organizations.....acre-feet...	104,317	...	99,817	4,500	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	6	1	3	2	...	1	...
Total water conveyed.....acre-feet...	31,262	10,500	4,010	16,752	...	216	...
From surface and ground water sources.....acre-feet...	15,871	4,500	[1]-2,240	13,611	...	...	...
From other irrigation organizations.....acre-feet...	15,391	6,000	6,250	3,141	...	...	...
Water delivered.....acre-feet...	24,053	8,400	3,035	12,618	...	216	...
To farm and residential users only.....organizations...	6	1	3	2	...	1	...
acre-feet...	24,053	8,400	3,035	12,618	...	216	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	10	...	10	...	...	...	...
Total water conveyed.....acre-feet...	89,142	...	89,142	...	...	...	...
Water delivered.....acre-feet...	72,428	...	72,428	...	...	...	...
To farm and residential users only.....organizations...	10	...	10	...	...	...	...
acre-feet...	72,428	...	72,428	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	2	...	2	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	268	167	83	14	...	7	4
acres served...	497,140	98,921	207,436	154,266	...	117,723	36,517
acres irrigated...	449,095	88,376	189,504	141,277	...	106,986	29,938
water delivered to farms (acre-feet)...	1,616,026	334,016	771,124	381,798	...	273,332	129,088
acre-feet per acre...	3.6	3.8	4.1	2.7	...	2.6	4.3
Organizations reporting water from other sources used on land served by the organization.....organizations...	23	18	5	...	...	...	...
acres served...	28,821	11,623	17,198	...	...	...	...
acres irrigated...	25,533	9,833	15,700	...	...	...	...
water delivered to farms (acre-feet)...	138,271	40,034	98,237	...	...	...	...
acre-feet per acre...	5.4	4.1	6.2	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	179	122	44	10	...	...	3
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	1,937,082	275,804	568,768	1,015,510	...	959,810	77,000

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Yellowstone River and Big Horn River (VI-F and VI-G)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	291	185	88	14	...	7	4
acre-feet...	2,298,376	441,390	1,152,785	563,413	...	432,255	140,788
From another drainage basin.....organizations...	3	1	1	1	...	1	...
acre-feet...	2,786	2,290	280	216	...	216	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	279	185	77	13	...	6	4
acre-feet...	2,295,590	439,100	1,152,505	563,197	...	432,039	140,788
Surface water.....organizations...	278	184	77	13	...	6	4
acre-feet...	2,294,478	437,988	1,152,505	563,197	...	432,039	140,788
Ground water.....organizations...	3	3	...	...	...	...	...
acre-feet...	1,112	1,112	...	...	...	...	...
From other organizations in the basin .....organizations receiving...	15	1	13	1	...	...	...
acre-feet...	104,317	6,000	95,392	2,925	...	...	...
Total leaving conveyance systems.....organizations...	291	185	88	14	...	7	4
acre-feet...	2,298,376	447,390	1,148,360	561,838	...	432,255	140,788
Conveyance loss in basin.....organizations...	280	181	83	13	...	6	3
acre-feet...	494,960	73,286	270,479	139,495	...	126,751	11,700
Conveyed to another drainage basin.....organizations...	1	...	...	1	...	1	...
acre-feet...	100,000	...	...	100,000	...	100,000	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	291	185	88	14	...	7	4
acre-feet...	1,703,416	374,104	877,881	322,343	...	205,504	129,088
To farm irrigation water users.....organizations...	291	185	88	14	...	7	4
acre-feet...	1,683,319	373,360	868,401	312,470	...	204,004	129,088
To domestic water users.....organizations...	14	3	8	3	...	1	...
acre-feet...	19,087	734	9,480	8,873	...	500	...
For other use.....organizations...	2	1	...	1	...	1	...
acre-feet...	1,010	10	...	1,000	...	1,000	...
Delivered to other irrigation organizations..... organizations delivering...	9	...	8	1	...	...	...
acre-feet...	104,317	...	99,817	4,500	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	2	...	2	...	...	...	...
1 to 3 water users.....organizations...	101	92	8	...	...	...	1
4 to 9 water users.....organizations...	112	86	26	...	...	...	...
10 to 29 water users.....organizations...	46	6	33	6	...	3	1
30 to 99 water users.....organizations...	21	1	16	3	...	...	1
100 to 299 water users.....organizations...	10	...	5	4	...	3	1
300 to 999 water users.....organizations...	1	...	...	1	...	1	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	2	...	2	...	...	...	...
1 to 299 acre-feet.....organizations...	21	17	3	...	...	...	1
300 to 999 acre-feet.....organizations...	74	66	8	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	87	70	17	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	72	29	34	7	...	3	2
10,000 to 29,999 acre-feet.....organizations...	25	3	20	2	...	...	...
30,000 to 99,999 acre-feet.....organizations...	9	...	5	4	...	3	...
100,000 or more acre-feet.....organizations...	3	...	1	1	...	1	1
Size of organization (acre-feet of water conveyed):							
None.....organizations...	2	...	2	...	...	...	...
1 to 299 acre-feet.....organizations...	17	14	2	...	...	...	1
300 to 999 acre-feet.....organizations...	68	62	6	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	80	66	14	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	75	37	34	3	...	1	1
10,000 to 29,999 acre-feet.....organizations...	37	6	25	5	...	2	1
30,000 to 99,999 acre-feet.....organizations...	10	...	6	4	...	1	...
100,000 or more acre-feet.....organizations...	4	...	1	2	...	2	1

NA Not available.

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Missouri River Headwaters above Three Forks, Montana (VI-H)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	305	260	45	...	...	...	...
1949...	350	313	33	...	...	NA	4
Service area, 1959:							
Area served, as reported by organizations.....acres...	312,977	179,658	133,319	...	...	...	...
Area irrigated, as reported by organizations.....acres...	265,133	148,174	116,959	...	...	...	...
Water users served, 1959, total.....water users...	1,858	1,029	829	...	...	...	...
Farm irrigation water users.....water users...	1,840	1,012	828	...	...	...	...
Residential water users.....water users...	18	17	1	...	...	...	...
Other water users.....water users...	...	...	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	287	249	38	...	...	...	...
Total water conveyed.....acre-feet...	1,552,692	840,142	712,550	...	...	...	...
Water delivered.....acre-feet...	1,175,609	670,141	505,468	...	...	...	...
To farm and residential users only.....organizations...	279	247	32	...	...	...	...
acre-feet...	1,063,735	656,661	407,074	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	8	2	6	...	...	...	...
Water to farm and residential users.....acre-feet...	26,071	4,535	21,536	...	...	...	...
Water to other irrigation organizations.....acre-feet...	85,803	8,945	76,858	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	6	4	2	...	...	...	...
Total water conveyed.....acre-feet...	19,807	7,982	11,825	...	...	...	...
From surface and ground water sources.....acre-feet...	14,135	4,560	9,575	...	...	...	...
From other irrigation organizations.....acre-feet...	5,672	3,422	2,250	...	...	...	...
Water delivered.....acre-feet...	15,447	6,620	8,827	...	...	...	...
To farm and residential users only.....organizations...	5	4	1	...	...	...	...
acre-feet...	8,247	6,620	1,627	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	1	...	1	...	...	...	...
Water to farm and residential users.....acre-feet...	3,300	...	3,300	...	...	...	...
Water to other irrigation organizations.....acre-feet...	3,900	...	3,900	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	10	7	3	...	...	...	...
Total water conveyed.....acre-feet...	84,031	21,631	62,400	...	...	...	...
Water delivered.....acre-feet...	56,840	17,600	39,240	...	...	...	...
To farm and residential users only.....organizations...	10	7	3	...	...	...	...
acre-feet...	56,840	17,600	39,240	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	2	...	2	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	189	167	22	...	...	...	...
acres served...	174,592	109,723	64,869	...	...	...	...
acres irrigated...	148,314	89,785	58,529	...	...	...	...
water delivered to farms (acre-feet)...	643,735	423,114	220,621	...	...	...	...
acre-feet per acre...	4.3	4.7	3.8	...	...	...	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	113	92	21	...	...	...	...
acres served...	138,385	69,935	68,450	...	...	...	...
acres irrigated...	116,819	58,389	58,430	...	...	...	...
water delivered to farms (acre-feet)...	508,818	261,580	247,238	...	...	...	...
acre-feet per acre...	4.3	4.5	4.2	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	124	103	21	...	...	...	...
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	440,280	209,290	230,990	...	...	...	...

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Missouri River Headwaters above Three Forks, Montana (VI-H)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	303	260	43	...	...	...	...
acre-feet...	1,566,827	844,702	722,125	...	...	...	...
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	291	251	40	...	...	...	...
acre-feet...	1,566,827	844,702	722,125	...	...	...	...
Surface water.....organizations...	288	248	40	...	...	...	...
acre-feet...	1,549,740	837,065	712,675	...	...	...	...
Ground water.....organizations...	5	4	1	...	...	...	...
acre-feet...	17,087	7,637	9,450	...	...	...	...
From other organizations in the basin.....organizations receiving...	16	11	5	...	...	...	...
acre-feet...	89,703	25,053	64,650	...	...	...	...
Total leaving conveyance systems.....organizations...	303	260	43	...	...	...	...
acre-feet...	1,566,827	860,810	706,017	...	...	...	...
Conveyance loss in basin.....organizations...	293	252	41	...	...	...	...
acre-feet...	408,634	175,394	233,240	...	...	...	...
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	301	259	42	...	...	...	...
acre-feet...	1,158,193	685,416	472,777	...	...	...	...
To farm irrigation water users.....organizations...	301	259	42	...	...	...	...
acre-feet...	1,152,553	684,694	467,859	...	...	...	...
To domestic water users.....organizations...	3	2	1	...	...	...	...
acre-feet...	5,640	722	4,918	...	...	...	...
For other use.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Delivered to other irrigation organizations.....organizations delivering...	9	2	7	...	...	...	...
acre-feet...	89,703	8,945	80,758	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	6	3	3	...	...	...	...
1 to 3 water users.....organizations...	184	180	4	...	...	...	...
4 to 9 water users.....organizations...	67	58	9	...	...	...	...
10 to 29 water users.....organizations...	40	19	21	...	...	...	...
30 to 99 water users.....organizations...	8	...	8	...	...	...	...
100 to 299 water users.....organizations...	...	...	...	...	...	...	...
300 to 999 water users.....organizations...	...	...	...	...	...	...	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	4	1	3	...	...	...	...
1 to 299 acre-feet.....organizations...	20	20	...	...	...	...	...
300 to 999 acre-feet.....organizations...	71	68	3	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	102	97	5	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	78	63	15	...	...	...	...
10,000 to 29,999 acre-feet.....organizations...	29	11	18	...	...	...	...
30,000 to 99,999 acre-feet.....organizations...	1	...	1	...	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	2	...	2	...	...	...	...
1 to 299 acre-feet.....organizations...	15	15	...	...	...	...	...
300 to 999 acre-feet.....organizations...	63	63	...	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	100	94	6	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	83	70	13	...	...	...	...
10,000 to 29,999 acre-feet.....organizations...	34	18	16	...	...	...	...
30,000 to 99,999 acre-feet.....organizations...	8	...	8	...	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...

NA Not available.

State Table 5.—NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Montana, total				Columbia River above Snake River excluding Yakima River (I-C)		
		Size of organization, by total water conveyed						
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000 or more acre-feet
1	Number of organizations.....organizations...	378	537	129	6	151	135	13
	TYPE OF SERVICE							
2	All water directly from surface and ground sources.....organizations...	364	516	116	6	150	135	10
3	Total water conveyed.....acre-feet...	175,188	1,723,066	2,859,586	1,060,214	63,890	395,498	435,108
4	Water delivered.....acre-feet...	148,470	1,402,042	2,110,785	660,219	53,760	316,291	258,894
5	To farm and residential users only.....organizations...	363	509	102	5	150	134	10
6	acre-feet...	147,745	1,360,228	1,644,128	488,779	53,760	311,921	258,894
7	To farm and residential users and other irrigation organizations.....organizations...	1	7	14	1	...	1	...
8	Water to farm and residential users.....acre-feet...	675	25,826	272,557	128,140	...	3,620	...
9	Water to other irrigation organizations.....acre-feet...	50	15,988	194,100	43,300	...	750	...
10	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
11	acre-feet...	...	...	...	...	...	...	...
12	Part of water from other organizations.....organizations...	5	8	6	...	...	...	3
13	Total water conveyed.....acre-feet...	3,282	25,799	153,494	...	...	...	126,242
14	From surface and ground water sources.....acre-feet...	[1]-1,440	17,119	139,128	...	...	...	121,017
15	From other irrigation organizations.....acre-feet...	4,722	8,680	14,366	...	...	...	5,225
16	Water delivered.....acre-feet...	2,645	20,712	119,017	...	...	...	97,999
17	To farm and residential users only.....organizations...	5	7	4	...	...	...	1
18	acre-feet...	2,645	13,512	92,895	...	...	...	71,877
19	To farm and residential users and other irrigation organizations.....organizations...	...	1	2	...	...	...	2
20	Water to farm and residential users.....acre-feet...	...	3,300	21,647	...	...	...	21,647
21	Water to other irrigation organizations.....acre-feet...	...	3,900	4,475	...	...	...	4,475
22	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...
24	All of water from other organizations.....organizations...	3	13	7	...	...	...	...
25	Total water conveyed.....acre-feet...	308	52,765	181,188	...	...	...	...
26	Water delivered.....acre-feet...	273	41,745	131,767	...	...	...	...
27	To farm and residential users only.....organizations...	3	13	7	...	...	...	...
28	acre-feet...	273	41,745	131,767	...	...	...	...
29	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
30	Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
31	Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
32	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...	...
34	No water conveyed.....organizations...	6	...	...	...	1	...	...
	WATER FROM OTHER SOURCES							
35	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	305	395	102	6	112	100	11
36	acres served...	88,772	350,795	681,691	286,326	23,020	78,054	173,234
37	acres irrigated...	58,452	304,080	530,385	266,522	17,526	69,770	145,705
38	Organizations reporting water from other sources used on land served by the organization.....organizations...	67	142	25	...	38	35	2
39	acres served...	18,001	130,244	116,796	...	8,628	28,333	4,820
40	acres irrigated...	11,707	101,323	102,603	...	6,144	23,863	3,570
	NEW CAPITAL INVESTMENT, 1950-1959							
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	155	280	74	5	62	62	9
42	dollars...	162,081	1,164,279	21,565,830	1,348,511	50,874	282,214	1,883,408
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
43	Total entering conveyance systems in basin.....organizations...	372	537	129	6	150	135	13
44	acre-feet...	173,748	1,740,185	2,998,930	1,060,214	63,890	395,498	556,125
45	From another drainage basin.....organizations...	...	1	2	...	...	...	...
46	acre-feet...	...	2,570	216	...	...	...	...
47	From Drainage Basin number.....D. B. No....	...	...	...	...	...	...	...
48	From natural sources within basin.....organizations...	367	523	121	6	150	135	13
49	acre-feet...	173,748	1,737,615	2,998,714	1,060,214	63,890	395,498	556,125
50	Surface water.....organizations...	362	517	120	6	146	133	13
51	acre-feet...	171,632	1,712,779	2,978,014	1,060,214	62,286	381,447	556,125
52	Ground water.....organizations...	6	11	2	...	5	3	...
53	acre-feet...	2,116	24,836	20,700	...	1,604	14,051	...
54	*From other organizations in the basin .....organizations receiving...*	8	21	12	...	...	...	3
55	*acre-feet...*	5,030	61,445	195,338	...	...	...	5,225
56	Total leaving conveyance systems.....organizations...	372	537	129	6	150	135	13
57	acre-feet...	178,728	1,781,742	2,995,693	1,016,914	63,890	394,748	556,875
58	Conveyance loss in basin.....organizations...	333	519	121	6	125	125	13
59	acre-feet...	27,380	337,074	820,652	298,995	10,130	79,205	204,457
60	Conveyed to another drainage basin.....organizations...	...	...	...	1	...	...	...
61	acre-feet...	...	...	...	100,000	...	...	...
62	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
63	Delivered for use in the basin.....organizations...	372	536	127	6	150	135	13
64	acre-feet...	151,348	1,444,668	2,175,041	617,919	53,760	315,543	352,418
65	To farm irrigation water users.....organizations...	372	536	127	6	150	135	13
66	acre-feet...	150,521	1,437,232	2,139,636	606,332	53,197	315,311	342,331
67	To residential water users.....organizations...	11	9	8	2	6	2	1
68	acre-feet...	817	7,379	23,358	10,587	563	230	10,087
69	For other use.....organizations...	1	2	5	1	...	1	...
70	acre-feet...	10	57	12,047	1,000	...	2	...
71	*Delivered to other irrigation organizations.....organizations delivering...*	1	8	16	1	...	1	2
72	*acre-feet...*	50	19,888	198,575	43,300	...	750	4,475
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959							
	Per acre irrigated, as reported by irrigation organization:							
73	All organizations.....acre-feet...	2.1	3.6	3.4	2.4	2.2	3.4	2.2
74	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	305	395	102	6	112	100	11
75	acre-feet...	2.1	3.4	3.3	2.4	2.2	3.3	2.2

[1] Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	Missouri River below Three Forks, Montana, excluding Platte and Yellowstone Rivers, and Hudson Bay (Red River of the North) (VI-C and VII)			Yellowstone and Big Horn Rivers (VI-F and VI-G)			
		Size of organization, by total water conveyed						
		0-999 acre-feet	1,000-9,999 acre-feet	10,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations....organizations...	60	64	29	87	155	47	4
	TYPE OF SERVICE							
2	All water directly from surface and ground sources....organizations...	58	60	27	81	149	41	4
3	Total water conveyed....acre-feet...	25,785	174,498	888,294	45,160	542,858	1,013,674	680,597
4	Water delivered....acre-feet...	21,552	133,571	651,597	39,595	456,062	771,781	442,804
5	To farm and residential users only....organizations...	57	59	24	81	148	34	3
6	acre-feet...	20,827	125,381	566,116	39,595	451,717	477,570	271,364
7	To farm and residential users and other irrigation organizations....organizations...	1	1	3	...	1	7	1
8	Water to farm and residential users....acre-feet...	675	6,190	24,963	...	1,420	236,119	128,140
9	Water to other irrigation organizations....acre-feet...	50	2,000	60,518	...	2,925	58,092	43,300
10	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...
11	acre-feet...	...	...	...	...	...	...	...
12	Part of water from other organizations....organizations...	1	3	...	2	1	3	...
13	Total water conveyed....acre-feet...	350	4,914	...	1,510	2,500	27,252	...
14	From surface and ground water sources....acre-feet...	300	3,484	...	[1]-1,740	[1]-500	18,111	...
15	From other irrigation organizations....acre-feet...	50	1,430	...	3,250	3,000	9,141	...
16	Water delivered....acre-feet...	250	4,625	...	1,035	2,000	21,018	...
17	To farm and residential users only....organizations...	1	3	...	2	1	3	...
18	acre-feet...	250	4,625	...	1,035	2,000	21,018	...
19	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...	...	...	...
20	Water to farm and residential users....acre-feet...	...	...	...	...	...	...	...
21	Water to other irrigation organizations....acre-feet...	...	...	...	...	...	...	...
22	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...
24	All of water from other organizations....organizations...	...	1	2	2	5	3	...
25	Total water conveyed....acre-feet...	...	2,000	59,088	175	23,267	65,700	...
26	Water delivered....acre-feet...	...	1,800	42,717	153	17,065	55,210	...
27	To farm and residential users only....organizations...	...	1	2	2	5	3	...
28	acre-feet...	...	1,800	42,717	153	17,065	55,210	...
29	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...	...	...	...
30	Water to farm and residential users....acre-feet...	...	...	...	...	...	...	...
31	Water to other irrigation organizations....acre-feet...	...	...	...	...	...	...	...
32	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...	...
34	No water conveyed....organizations...	1	...	...	2	...	...	...
	WATER FROM OTHER SOURCES							
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	54	50	24	81	139	44	4
36	acres served...	32,671	69,679	359,194	19,042	125,180	231,501	121,417
37	acres irrigated...	13,953	54,453	260,623	16,618	116,086	208,889	107,502
38	Organizations reporting water from other sources used on land served by the organization....organizations...	5	14	4	4	16	3	...
39	acres served...	2,795	16,632	36,627	1,250	14,171	13,400	...
40	acres irrigated...	930	10,822	27,952	700	11,933	12,900	...
	NEW CAPITAL INVESTMENT, 1950-1959							
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	30	30	18	42	107	27	3
42	dollars...	35,290	252,342	19,359,211	50,240	348,810	1,415,631	122,401
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
43	Total entering conveyance systems in basin....organizations...	59	64	30	86	155	46	4
44	acre-feet...	26,085	177,982	888,294	43,636	542,358	1,031,785	680,597
45	From another drainage basin....organizations...	...	...	...	2	1	...	...
46	acre-feet...	...	...	...	216	2,570	...	...
47	From Drainage Basin number....D. B. No....	...	...	...	...	...	...	...
48	From natural sources within basin....organizations...	59	63	28	83	149	43	4
49	acre-feet...	26,085	177,982	888,294	43,420	539,788	1,031,785	680,597
50	Surface water....organizations...	59	62	27	82	149	43	4
51	acre-feet...	26,085	175,434	877,044	42,908	539,188	1,031,785	680,597
52	Ground water....organizations...	...	2	1	1	2	...	...
53	acre-feet...	...	2,548	11,250	512	600	...	...
54	*From other organizations in the basin....organizations receiving...*	1	4	2	4	6	5	...
55	*acre-feet...*	50	3,430	59,088	3,425	26,267	74,625	...
56	Total leaving conveyance systems....organizations...	59	64	30	86	155	46	4
57	acre-feet...	26,085	179,412	886,864	47,061	565,700	1,048,318	637,297
58	Conveyance loss in basin....organizations...	55	61	27	80	152	44	4
59	acre-feet...	4,333	41,361	241,021	6,052	93,498	258,617	136,793
60	Conveyed to another drainage basin....organizations...	...	...	...	...	...	...	1
61	acre-feet...	...	...	...	...	...	...	100,000
62	To drainage basin number....D. B. No....	...	...	...	...	...	...	...
63	Delivered for use in the basin....organizations...	59	64	28	86	155	46	4
64	acre-feet...	21,752	138,051	645,843	41,009	472,202	789,701	400,504
65	To farm irrigation water users....organizations...	59	64	28	86	155	46	4
66	acre-feet...	21,585	137,914	627,511	40,912	470,775	772,628	399,004
67	To residential water users....organizations...	1	1	2	4	3	6	1
68	acre-feet...	167	82	6,285	87	1,427	17,073	500
69	For other use....organizations...	...	1	5	1	...	...	1
70	acre-feet...	...	55	12,047	10	...	...	1,000
71	*Delivered to other irrigation organizations....organizations delivering...*	1	1	3	...	1	7	1
72	*acre-feet...*	50	2,000	60,518	...	2,925	58,092	43,300
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959							
	Per acre irrigated, as reported by irrigation organization:							
73	All organizations....acre-feet...	1.5	2.1	2.2	2.4	3.7	3.5	3.7
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	54	50	24	81	139	44	4
75	acre-feet...	1.4	1.9	2.2	2.4	3.7	3.4	4.0

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	Missouri River Headwaters above Three Forks, Montana (VI-H) — Size of organization, by total water conveyed			
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations....organizations...	80	183	42	...
	TYPE OF SERVICE				
2	All water directly from surface and ground sources....organizations...	75	172	40	...
3	Total water conveyed....acre-feet...	40,353	610,212	902,127	...
4	Water delivered....acre-feet...	33,563	496,118	645,928	...
5	To farm and residential users only....organizations...	75	168	36	...
6	acre-feet...	33,563	471,209	558,963	...
7	To farm and residential users and other irrigation organizations....organizations...	...	4	4	...
8	Water to farm and residential users....acre-feet...	...	14,596	11,425	...
9	Water to other irrigation organizations....acre-feet...	...	10,313	75,490	...
10	To other irrigation organizations only....organizations...	...	...	...	...
11	acre-feet...	...	...	...	...
12	Part of water from other organizations....organizations...	2	4	...	...
13	Total water conveyed....acre-feet...	1,422	18,385	...	...
14	From surface and ground water sources....acre-feet...	...	14,135	...	...
15	From other irrigation organizations....acre-feet...	1,422	4,250	...	...
16	Water delivered....acre-feet...	1,360	14,087	...	...
17	To farm and residential users only....organizations...	2	3	...	...
18	acre-feet...	1,360	6,887	...	...
19	To farm and residential users and other irrigation organizations....organizations...	...	1	...	...
20	Water to farm and residential users....acre-feet...	...	3,300	...	...
21	Water to other irrigation organizations....acre-feet...	...	3,900	...	...
22	To other irrigation organizations only....organizations...	...	...	...	...
23	acre-feet...	...	...	...	...
24	All of water from other organizations....organizations...	1	7	2	...
25	Total water conveyed....acre-feet...	133	27,498	56,400	...
26	Water delivered....acre-feet...	120	22,880	33,840	...
27	To farm and residential users only....organizations...	1	7	2	...
28	acre-feet...	120	22,880	33,840	...
29	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...
30	Water to farm and residential users....acre-feet...	...	...	...	...
31	Water to other irrigation organizations....acre-feet...	...	...	...	...
32	To other irrigation organizations only....organizations...	...	...	...	...
33	acre-feet...	...	...	...	...
34	No water conveyed....organizations...	2	...	...	...
	WATER FROM OTHER SOURCES				
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	58	106	25	...
36	acres served...	14,039	77,882	82,671	...
37	acres irrigated...	10,355	63,771	74,188	...
38	Organizations reporting water from other sources used on land served by the organization....organizations...	20	77	16	...
39	acres served...	5,328	71,108	61,949	...
40	acres irrigated...	3,933	54,705	58,181	...
	NEW CAPITAL INVESTMENT, 1950-1959				
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	21	81	22	...
42	dollars...	25,677	280,913	133,690	...
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959				
43	Total entering conveyance systems in basin....organizations...	78	183	42	...
44	acre-feet...	40,353	624,347	902,127	...
45	From another drainage basin....organizations...	...	...	...	...
46	acre-feet...	...	...	...	...
47	From Drainage Basin number....D. B. No....	...	...	...	...
48	From natural sources within basin....organizations...	75	176	40	...
49	acre-feet...	40,353	624,347	902,127	...
50	Surface water....organizations...	75	173	40	...
51	acre-feet...	40,353	616,710	892,677	...
52	Ground water....organizations...	...	4	1	...
53	acre-feet...	...	7,637	9,450	...
54	*From other organizations in the basin....organizations receiving...*	3	11	2	...
55	*acre-feet...*	1,555	31,748	56,400	...
56	Total leaving conveyance systems....organizations...	78	183	42	...
57	acre-feet...	41,908	641,882	883,037	...
58	Conveyance loss in basin....organizations...	73	181	39	...
59	acre-feet...	6,865	123,010	278,759	...
60	Conveyed to another drainage basin....organizations...	...	...	...	...
61	acre-feet...	...	...	...	...
62	To drainage basin number....D. B. No....	...	...	...	...
63	Delivered for use in the basin....organizations...	78	182	41	...
64	acre-feet...	35,043	518,872	604,278	...
65	To farm irrigation water users....organizations...	78	182	41	...
66	acre-feet...	35,043	513,232	604,278	...
67	To residential water users....organizations...	...	3	...	...
68	acre-feet...	...	5,640	...	...
69	For other use....organizations...	...	...	...	...
70	acre-feet...	...	...	...	...
71	*Delivered to other irrigation organizations....organizations delivering...*	...	5	4	...
72	*acre-feet...*	...	14,213	75,490	...
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959				
73	Per acre irrigated, as reported by irrigation organization: All organizations....acre-feet...	2.5	4.3	4.5	...
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	58	106	25	...
75	acre-feet...	2.5	4.4	23.8	...

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State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	The State	Missouri River excluding Platte River (VI-C)						
			Total	Missouri River direct (1a)	Kansas River			Niobrara River and White River (3, 4)	Cheyenne River direct (Hat Creek) (5a)
					Total	Kansas River direct (2a)	Republican River (2b, c, d)		
1	Total acres irrigated in Census year.....1959...	2,077,926	799,311	10,000	725,000	541,000	184,000	61,000	3,000
2	1949...	887,239	125,192	369	91,398	57,717	33,681	29,092	4,333
3	Irrigation organizations.....organizations 1959...	68	11	...	7	...	7	4	...
4	1949...	68	9	...	5	...	5	4	...
	Service area, 1959:								
5	Farm area reported served by organizations.....acres 1959...	858,969	93,659	...	73,631	...	73,631	20,028	...
6	Farm area reported irrigated by organizations.....acres 1959...	706,339	81,844	...	62,578	...	62,578	19,266	...
7	Water users served, total.....water users 1959...	9,259	1,049	...	899	...	899	150	...
8	Farm irrigation water users.....water users 1959...	9,225	1,049	...	899	...	899	150	...
9	Residential water users.....water users 1959...	34	...	...	...	...	...	...	...
10	Other water users.....water users 1959...	...	...	...	...	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959								
11	Ground water sources.....acres...	1,445,029	667,000	9,000	626,000	516,000	110,000	32,000	...
12	Surface water sources.....acres...	632,897	132,000	1,000	99,000	25,000	74,000	29,000	3,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
13	Total entering conveyance systems in basin.....organizations...	68	11	...	7	...	7	4	...
14	acre-feet...	2,006,735	210,242	...	176,584	...	176,584	33,658	...
15	From another drainage basin.....organizations...	4	1	...	1	...	1	...	...
16	acre-feet...	550,515	10,032	...	10,032	...	10,032	...	...
17	From drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...
18	From natural sources within basin...organizations...	62	9	...	5	...	5	4	...
19	acre-feet...	1,456,220	200,210	...	166,552	...	166,552	33,658	...
20	Surface water.....organizations...	62	9	...	5	...	5	4	...
21	acre-feet...	1,452,443	200,210	...	166,552	...	166,552	33,658	...
22	Ground water.....organizations...	1	...	...	...	...	...	...	...
23	acre-feet...	3,777	...	...	...	...	...	...	...
24	*From other organizations in the basin.....organizations receiving...*	4	1	...	1	...	1	...	...
25	*acre-feet...*	87,111	31,047	...	31,047	...	31,047	...	...
26	Total leaving conveyance systems.....organizations...	68	11	...	7	...	7	4	...
27	acre-feet...	2,006,735	210,242	...	176,584	...	176,584	33,658	...
28	Conveyance loss in basin.....organizations...	67	10	...	6	...	6	4	...
29	acre-feet...	879,994	54,237	...	46,815	...	46,815	7,422	...
30	Conveyed to another drainage basin..organizations...	1	1	...	1	...	1	...	...
31	acre-feet...	31,047	31,047	...	31,047	...	31,047	...	...
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	66	10	...	6	...	6	4	...
34	acre-feet...	1,095,694	124,958	...	98,722	...	98,722	26,236	...
35	To farm irrigation water users...organizations...	66	10	...	6	...	6	4	...
36	acre-feet...	1,095,537	124,958	...	98,722	...	98,722	26,236	...
37	To residential water users.....organizations...	1	...	...	...	...	...	...	...
38	acre-feet...	157	...	...	...	...	...	...	...
39	For other use.....organizations...	...	...	...	...	...	...	...	...
40	acre-feet...	...	...	...	...	...	...	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	4	1	...	1	...	1	...	...
42	*acre-feet...*	87,111	31,047	...	31,047	...	31,047	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	1.6	1.5	...	1.6	...	1.6	1.0	...
	NEW CAPITAL INVESTMENT, 1950-1959								
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	43	8	...	5	...	5	3	...
45	dollars...	13,839,550	4,684,898	...	4,603,897	...	4,603,897	81,001	...

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Platte River excluding South Platte River (VI-D)								South Platte River (VI-E) above Gaging Station near Paxton
		Total	Platte River direct			Loup River	North Platte River direct including South Platte below Paxton Gage			
			Total	Below Duncan (1a)	Duncan to North Platte (1b)	(2)	Total	Below Kingsley Dam including South Platte below Paxton Gage (3a)	Above Kingsley Dam (3b)	
1	Total acres irrigated in Census year.....1959...	1,235,000	698,000	102,000	596,000	188,000	349,000	48,000	301,000	44,000
2	1949...	726,321	340,410	NA	NA	55,179	330,732	38,165	292,567	35,726
3	Irrigation organizations.....organizations 1959...	52	9	...	9	4	39	7	32	5
4	1949...	54	9	NA	NA	3	42	8	34	5
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	745,624	286,834	...	286,834	67,622	391,168	45,216	345,952	19,686
6	Farm area reported irrigated by organizations.....acres 1959...	606,220	187,932	...	187,932	45,274	373,014	43,889	329,125	18,275
7	Water users served, total.....water users 1959...	8,045	2,436	...	2,436	868	4,741	471	4,270	165
8	Farm irrigation water users.....water users 1959...	8,011	2,436	...	2,436	868	4,707	471	4,236	165
9	Residential water users.....water users 1959...	34	...	...	...	...	34	...	34	...
10	Other water users.....water users 1959...	...	...	...	...	...	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	743,000	562,000	97,000	465,000	127,000	54,000	15,000	39,000	35,000
12	Surface water sources.....acres...	492,000	136,000	5,000	131,000	61,000	295,000	33,000	262,000	9,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	52	9	...	9	4	39	7	32	5
14	acre-feet...	1,766,267	475,919	...	475,919	104,505	1,185,843	101,680	1,084,163	30,226
15	From another drainage basin.....organizations...	2	...	...	...	...	2	...	2	1
16	acre-feet...	536,991	...	...	...	...	536,991	...	536,991	3,492
17	From drainage basin number.....D. B. No....	...	...	...	...	...	...	...	VI-D-3b	...
18	From natural sources within basin...organizations...	49	9	...	9	3	37	7	30	4
19	acre-feet...	1,229,276	475,919	...	475,919	104,505	648,852	101,680	547,172	26,734
20	Surface water.....organizations...	49	9	...	9	3	37	7	30	4
21	acre-feet...	1,225,499	472,142	...	472,142	104,505	648,852	101,680	547,172	26,734
22	Ground water.....organizations...	1	1	...	1	...	...	...	...	...
23	acre-feet...	3,777	3,777	...	3,777	...	...	...	...	...
24	*From other organizations in the basin.....organizations receiving...*	3	...	...	...	1	2	...	2	...
25	*acre-feet...*	56,064	...	...	...	10,378	45,686	...	45,686	...
26	Total leaving conveyance systems.....organizations...	52	9	...	9	4	39	7	32	5
27	acre-feet...	1,766,267	475,919	...	475,919	104,505	1,185,843	101,680	1,084,163	30,226
28	Conveyance loss in basin.....organizations...	52	9	...	9	4	39	7	32	5
29	acre-feet...	820,843	234,965	...	234,965	49,354	536,524	34,195	502,329	4,914
30	Conveyed to another drainage basin..organizations...	...	...	...	...	...	...	...	...	...
31	acre-feet...	...	...	...	...	...	...	...	...	...
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	51	9	...	9	3	39	7	32	5
34	acre-feet...	945,424	240,954	...	240,954	55,151	649,319	67,485	581,834	25,312
35	To farm irrigation water users...organizations...	51	9	...	9	3	39	7	32	5
36	acre-feet...	945,267	240,954	...	240,954	55,151	649,162	67,485	581,677	25,312
37	To residential water users.....organizations...	1	...	...	...	...	1	...	1	...
38	acre-feet...	157	...	...	...	...	157	...	157	...
39	For other use.....organizations...	...	...	...	...	...	...	...	...	...
40	acre-feet...	...	...	...	...	...	...	...	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	3	...	...	...	1	2	...	2	...
42	*acre-feet...*	56,064	...	...	...	10,378	45,686	...	45,686	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	1.6	1.3	...	1.3	1.2	1.7	1.5	1.8	1.4
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	31	4	...	4	3	24	5	19	4
45	dollars...	9,135,552	1,152,625	...	1,152,625	5,802,632	2,180,295	56,780	2,123,515	19,100

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	Nebraska, total
Irrigation organizations, total	
number.....organizations 1959...	68
1949...	68
Area irrigated as reported by organizations.....acres 1959...	706,339
1949...	508,161
Farm water users served directly.....water users 1959...	9,225
Total water conveyed.....acre-feet 1959...	2,093,846
TYPE OF ORGANIZATION	
Mutual:	
Unincorporated.....organizations 1959...	9
1949...	11
Farm area irrigated directly.....acres 1959...	(D)
Farm water users served directly.....water users 1959...	(D)
Total water conveyed.....acre-feet 1959...	(D)
Incorporated.....organizations 1959...	17
1949...	15
Farm area irrigated directly.....acres 1959...	64,742
Farm water users served directly.....water users 1959...	791
Total water conveyed.....acre-feet 1959...	166,546
District.....organizations 1959...	40
1949...	39
Farm area irrigated directly.....acres 1959...	600,265
Farm water users served directly.....water users 1959...	7,861
Total water conveyed.....acre-feet 1959...	1,844,094
U.S. Bureau of Reclamation; projects and storage systems operated by bureau.....organizations 1959...	...
1949...	2
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...
U. S. Bureau of Reclamation; operated by water users.....organizations 1959...	9
1949...	3
Farm area irrigated directly.....acres 1959...	240,028
Farm water users served directly.....water users 1959...	3,324
Total water conveyed.....acre-feet 1959...	822,089
U. S. Bureau of Indian Affairs.....organizations 1959...	...
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...
Commercial.....organizations 1959...	1
1949...	1
Farm area irrigated directly.....acres 1959...	(D)
Farm water users served directly.....water users 1959...	(D)
Total water conveyed.....acre-feet 1959...	(D)
State.....organizations 1959...	1
1949...	...
Farm area irrigated directly.....acres 1959...	(D)
Farm water users served directly.....water users 1959...	(D)
Total water conveyed.....acre-feet 1959...	(D)
City.....organizations 1959...	...
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...

Item (For definitions and explanations, see text)	Nebraska, total
TYPE OF SERVICE, 1959	
All water directly from surface and ground water sources.....organizations...	62
Total water conveyed.....acre-feet...	1,858,915
Water delivered.....acre-feet...	1,062,435
To farm and residential users only.....organizations...	57
acre-feet...	665,788
To farm and residential users and other irrigation organizations.....organizations...	4
Water to farm and residential users.....acre-feet...	309,536
Water to other irrigation organizations.....acre-feet...	76,733
To other irrigation organizations only.....organizations...	1
acre-feet...	10,378
Part of water from other organizations.....organizations...	3
Total water conveyed.....acre-feet...	35,919
From surface and ground water sources.....acre-feet...	2,577
From other irrigation organizations.....acre-feet...	33,342
Water delivered.....acre-feet...	3,956
To farm and residential users only.....organizations...	2
acre-feet...	1,104
To farm and residential users and other irrigation organizations.....organizations...	1
Water to farm and residential users.....acre-feet...	2,852
Water to other irrigation organizations.....acre-feet...	...
To other irrigation organizations only.....organizations...	...
acre-feet...	...
All of water from other organizations.....organizations...	3
Total water conveyed.....acre-feet...	199,012
Water delivered.....acre-feet...	116,414
To farm and residential users only.....organizations...	3
acre-feet...	116,414
To farm and residential users and other irrigation organizations.....organizations...	...
Water to farm residential users.....acre-feet...	...
Water to other irrigation organizations.....acre-feet...	...
To other irrigation organizations only.....organizations...	...
acre-feet...	...
No water conveyed.....organizations...	...
WATER FROM OTHER SOURCES	
Organizations reporting NO water from other sources used on land served by the organization.....organizations...	62
acres served...	848,109
acres irrigated...	687,083
Water delivered to farms.....acre-feet...	1,059,054
acre-feet per acre...	1.5
Organizations reporting water from other sources used on land served by the organization.....organizations...	5
acres served...	44,769
acres irrigated...	37,839
Water delivered to farms.....acre-feet...	70,393
acre-feet per acre...	1.9

D Data not shown to avoid disclosure of information for individual organizations.

State Table 2.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

Item (For definitions and explanations, see text)	Nebraska, total
WATER DELIVERED PER ACRE	
Organizations reporting NO water from other sources used on same land:	
0.1 to 0.9 acre-feet per acre.....organizations...	7
acres irrigated...	142,167
1.0 to 1.9 acre-feet per acre.....organizations...	24
acres irrigated...	431,215
2.0 to 2.9 acre-feet per acre.....organizations...	22
acres irrigated...	92,064
3.0 to 3.9 acre-feet per acre.....organizations...	8
acres irrigated...	17,448
4.0 to 4.9 acre-feet per acre.....organizations...	1
acres irrigated...	4,189
5.0 to 5.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
6.0 to 6.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
7.0 to 7.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
8.0 to 9.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
10.0 or more acre-feet per acre.....organizations...	...
acres irrigated...	...
SIZE OF ORGANIZATION	
Size of organization (number of farm irrigation water users served directly):	
None.....organizations...	1
1 to 3.....organizations...	6
water users...	16
4 to 9.....organizations...	6
water users...	36
10 to 29.....organizations...	16
water users...	283
30 to 99.....organizations...	18
water users...	1,129
100 to 299.....organizations...	13
water users...	2,052
300 to 999.....organizations...	6
water users...	2,943
1,000 or more.....organizations...	2
water users...	3,027

Item (For definitions and explanations, see text)	Nebraska, total
SIZE OF ORGANIZATION—Continued	
Size of organization (acre-feet of water delivered directly to farms):	
None.....organizations...	1
1 to 299 acre-feet.....organizations...	1
acre-feet...	200
300 to 999 acre-feet.....organizations...	5
acre-feet...	3,179
1,000 to 2,999 acre-feet.....organizations...	14
acre-feet...	22,318
3,000 to 9,999 acre-feet.....organizations...	18
acre-feet...	117,387
10,000 to 29,999 acre-feet.....organizations...	21
acre-feet...	392,297
30,000 to 99,999 acre-feet.....organizations...	6
acre-feet...	335,417
100,000 or more acre-feet.....organizations...	2
acre-feet...	260,251
Size of organization (acre-feet of water conveyed):	
None.....organizations...	...
1 to 299 acre-feet.....organizations...	1
acre-feet...	298
300 to 999 acre-feet.....organizations...	4
acre-feet...	2,991
1,000 to 2,999 acre-feet.....organizations...	12
acre-feet...	20,737
3,000 to 9,999 acre-feet.....organizations...	14
acre-feet...	85,029
10,000 to 29,999 acre-feet.....organizations...	22
acre-feet...	408,984
30,000 to 99,999 acre-feet.....organizations...	10
acre-feet...	507,006
100,000 or more acre-feet.....organizations...	5
acre-feet...	1,134,926

State Table 3.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

Item (For definitions and explanations, see text)	Nebraska, total
Total acres irrigated.....farms reporting...	18,936
acres...	2,077,926
Acres irrigated by sprinklers.....farms reporting...	3,755
acres...	226,468
Sprinklers only.....farms reporting...	2,005
acres...	157,329
LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959	
Ground water sources on farm.....farms reporting...	14,093
acres...	1,445,029
Ground water sources on farm only....farms reporting...	12,461
acres...	1,304,336
LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959—Continued	
Surface sources on farm.....farms reporting...	1,703
acres...	99,136
Surface sources on farm only.....farms reporting...	1,089
acres...	69,774
Irrigation organization sources.....farms reporting...	4,841
acres...	533,761
Irrigation organizations sources only.....farms reporting...	3,702
acres...	416,847
Both farm ground water sources and surface sources.....farms reporting...	544
acres...	72,256
Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	1,140
acres...	214,713

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	Nebraska, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	68	9	17	40	...	9	2
1949...	68	11	15	39	2	3	1
Service area, 1959:							
Area served, as reported by organizations.....acres...	858,969	(D)	105,816	703,846	...	252,723	(D)
Area irrigated, as reported by organizations.....acres...	706,339	(D)	64,742	600,265	...	240,028	(D)
Water users served, 1959, total.....water users...	9,259	(D)	825	7,861	...	3,324	(D)
Farm irrigation water users.....water users...	9,225	(D)	791	7,861	...	3,324	(D)
Residential water users.....water users...	34	...	34	...	...	...	...
Other water users.....water users...	...	...	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	62	8	16	36	...	6	2
Total water conveyed.....acre-feet...	1,858,915	(D)	163,054	1,614,035	...	602,408	(D)
Water delivered.....acre-feet...	1,062,435	(D)	115,385	895,836	...	295,522	(D)
To farm and residential users only.....organizations...	57	8	16	31	...	3	2
acre-feet...	665,788	(D)	115,385	499,189	...	76,498	(D)
To farm and residential users and other irrigation organizations.....organizations...	4	...	...	4	...	2	...
Water to farm and residential users.....acre-feet...	309,536	...	...	309,536	...	177,599	...
Water to other irrigation organizations.....acre-feet...	76,733	...	...	76,733	...	31,047	...
To other irrigation organizations only.....organizations...	1	...	...	1	...	1	...
acre-feet...	10,378	...	...	10,378	...	10,378	...
Part of water from other organizations.....organizations...	3	1	1	1	...	1	...
Total water conveyed.....acre-feet...	35,919	(D)	3,492	31,047	...	31,047	...
From surface and ground water sources.....acre-feet...	2,577	(D)	1,397	...	...	...	...
From other irrigation organizations.....acre-feet...	33,342	(D)	2,095	31,047	...	31,047	...
Water delivered.....acre-feet...	3,956	(D)	2,852	...	...	...	...
To farm and residential users only.....organizations...	2	1	...	1	...	1	...
acre-feet...	1,104	(D)	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	1	...	1	...	...	...	...
Water to farm and residential users.....acre-feet...	2,852	...	2,852	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	3	...	...	3	...	2	...
Total water conveyed.....acre-feet...	199,012	...	...	199,012	...	188,634	...
Water delivered.....acre-feet...	116,414	...	...	116,414	...	107,842	...
To farm and residential users only.....organizations...	3	...	...	3	...	2	...
acre-feet...	116,414	...	...	116,414	...	107,842	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	62	8	15	38	...	7	1
acres served...	848,109	(D)	97,391	730,174	...	252,723	(D)
acres irrigated...	687,083	(D)	56,925	611,267	...	240,028	(D)
water delivered to farms (acre-feet)...	1,059,054	(D)	106,912	923,393	...	361,939	(D)
acre-feet per acre...	1.5	(D)	1.9	1.5	...	1.5	(D)
Organizations reporting water from other sources used on land served by the organization.....organizations...	5	1	2	1	...	...	1
acres served...	44,769	(D)	9,518	6,488	...	...	(D)
acres irrigated...	37,839	(D)	8,910	6,488	...	...	(D)
water delivered to farms (acre-feet)...	70,393	(D)	13,392	33,432	...	...	(D)
acre-feet per acre...	1.9	(D)	1.5	5.2	...	...	(D)
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	43	5	10	26	...	8	2
By U. S. B. R.....dollars...	10,396,739	...	...	10,396,739	...	10,396,739	...
By water users organizations.....dollars...	3,442,811	(D)	48,841	3,369,120	...	2,005,923	(D)

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Nebraska, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	68	9	17	40	...	8	2
acre-feet...	2,006,735	(D)	166,546	1,757,183	...	745,556	(D)
From another drainage basin.....organizations...	4	...	2	2	...	2	...
acre-feet...	550,515	...	13,524	536,991	...	536,991	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	62	9	15	36	...	6	2
acre-feet...	1,456,220	(D)	153,022	1,220,192	...	208,565	(D)
Surface water.....organizations...	62	9	15	36	...	6	2
acre-feet...	1,452,443	(D)	153,022	1,216,415	...	208,565	(D)
Ground water.....organizations...	1	...	...	1	...	...	...
acre-feet...	3,777	...	...	3,777	...	...	...
From other organizations in the basin .....organizations receiving...	4	1	...	3	...	2	...
acre-feet...	87,111	(D)	...	86,911	...	76,533	...
Total leaving conveyance systems.....organizations...	68	9	17	40	...	8	2
acre-feet...	2,006,735	(D)	166,546	1,756,983	...	780,664	(D)
Conveyance loss in basin.....organizations...	67	9	17	39	...	8	2
acre-feet...	879,994	(D)	48,309	800,797	...	387,678	(D)
Conveyed to another drainage basin.....organizations...	1	...	...	1	...	1	...
acre-feet...	31,047	...	...	31,047	...	31,047	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	66	9	17	38	...	7	2
acre-feet...	1,095,694	(D)	118,237	925,139	...	361,939	(D)
To farm irrigation water users.....organizations...	66	9	17	38	...	7	2
acre-feet...	1,095,537	(D)	118,080	925,139	...	361,939	(D)
To domestic water users.....organizations...	1	...	1	...	...	...	...
acre-feet...	157	...	157	...	...	...	...
For other use.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Delivered to other irrigation organizations..... organizations delivering...	4	...	...	4	...	2	...
acre-feet...	87,111	...	...	87,111	...	41,425	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	1	(D)	...	1	...	1	(D)
1 to 3 water users.....organizations...	6	(D)	2	...	...	...	(D)
4 to 9 water users.....organizations...	6	(D)	2	1	...	...	(D)
10 to 29 water users.....organizations...	16	(D)	7	7	...	...	(D)
30 to 99 water users.....organizations...	18	(D)	3	14	...	1	(D)
100 to 299 water users.....organizations...	13	(D)	3	10	...	3	(D)
300 to 999 water users.....organizations...	6	(D)	...	5	...	3	(D)
1,000 or more water users.....organizations...	2	(D)	...	2	...	1	(D)
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	1	(D)	...	1	...	...	(D)
1 to 299 acre-feet.....organizations...	1	(D)	1	...	...	1	(D)
300 to 999 acre-feet.....organizations...	5	(D)	3	...	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	14	(D)	5	4	...	...	(D)
3,000 to 9,999 acre-feet.....organizations...	18	(D)	5	11	...	...	(D)
10,000 to 29,999 acre-feet.....organizations...	21	(D)	2	17	...	5	(D)
30,000 to 99,999 acre-feet.....organizations...	6	(D)	1	5	...	2	(D)
100,000 or more acre-feet.....organizations...	2	(D)	...	2	...	1	(D)
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	1	(D)	1	...	...	...	(D)
300 to 999 acre-feet.....organizations...	4	(D)	2	...	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	12	(D)	5	2	...	...	(D)
3,000 to 9,999 acre-feet.....organizations...	14	(D)	2	10	...	...	(D)
10,000 to 29,999 acre-feet.....organizations...	22	(D)	5	16	...	3	(D)
30,000 to 99,999 acre-feet.....organizations...	10	(D)	2	7	...	4	(D)
100,000 or more acre-feet.....organizations...	5	(D)	...	5	...	2	(D)

D Data not shown to avoid disclosure of information for individual organizations.

State Table 5.—NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Nebraska, total			
		Size of organization, by total water conveyed			
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations.....organizations...	5	26	32	5
	TYPE OF SERVICE				
2	All water directly from surface and ground sources.....organizations...	5	25	28	4
3	Total water conveyed.....acre-feet...	3,289	104,386	792,857	958,383
4	Water delivered.....acre-feet...	2,749	81,507	551,966	426,213
5	To farm and residential users only.....organizations...	5	25	25	2
6	acre-feet...	2,749	81,507	447,464	134,068
7	To farm and residential users and other irrigation organizations.....organizations...	...	...	2	2
8	Water to farm and residential users.....acre-feet...	...	...	62,877	246,659
9	Water to other irrigation organizations.....acre-feet...	...	...	31,247	45,486
10	To other irrigation organizations only.....organizations...	...	...	1	...
11	acre-feet...	...	...	10,378	...
12	Part of water from other organizations.....organizations...	...	1	2	...
13	Total water conveyed.....acre-feet...	...	1,380	34,539	...
14	From surface and ground water sources.....acre-feet...	...	1,180	1,397	...
15	From other irrigation organizations.....acre-feet...	...	200	33,142	...
16	Water delivered.....acre-feet...	...	1,104	2,852	...
17	To farm and residential users only.....organizations...	...	1	1	...
18	acre-feet...	...	1,104	...	...
19	To farm and residential users and other irrigation organizations.....organizations...	...	...	1	...
20	Water to farm and residential users.....acre-feet...	...	...	2,852	...
21	Water to other irrigation organizations.....acre-feet...	...	...	...	...
22	To other irrigation organizations only.....organizations...	...	...	...	...
23	acre-feet...	...	...	...	...
24	All of water from other organizations.....organizations...	...	...	2	1
25	Total water conveyed.....acre-feet...	...	...	55,864	143,148
26	Water delivered.....acre-feet...	...	...	32,052	84,362
27	To farm and residential users only.....organizations...	...	...	2	1
28	acre-feet...	...	...	32,052	84,362
29	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...
30	Water to farm and residential users.....acre-feet...	...	...	...	...
31	Water to other irrigation organizations.....acre-feet...	...	...	...	...
32	To other irrigation organizations only.....organizations...	...	...	...	...
33	acre-feet...	...	...	...	...
34	No water conveyed.....organizations...	...	...	...	...
	WATER FROM OTHER SOURCES				
35	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	5	25	27	5
36	acres served...	6,550	54,533	443,809	343,217
37	acres irrigated...	4,325	45,277	295,017	342,464
38	Organizations reporting water from other sources used on land served by the organization.....organizations...	...	1	4	...
39	acres served...	...	441	44,328	...
40	acres irrigated...	...	441	37,398	...
	NEW CAPITAL INVESTMENT, 1950-1959				
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	2	13	25	3
42	dollars...	7,639	62,699	10,689,477	3,079,735
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959				
43	Total entering conveyance systems in basin.....organizations...	5	26	32	5
44	acre-feet...	3,289	105,566	796,349	1,101,531
45	From another drainage basin.....organizations...	...	...	2	2
46	acre-feet...	...	...	13,524	536,991
47	From Drainage Basin number.....D. B. No....	...	...	...	...
48	From natural sources within basin.....organizations...	5	26	27	4
49	acre-feet...	3,289	105,566	782,825	564,540
50	Surface water.....organizations...	5	26	27	4
51	acre-feet...	3,289	105,566	782,825	560,763
52	Ground water.....organizations...	...	...	...	1
53	acre-feet...	...	...	...	3,777
54	*From other organizations in the basin*.....*organizations receiving*...	...	1	3	...
55	*acre-feet*...	...	200	86,911	...
56	Total leaving conveyance systems.....organizations...	5	26	32	5
57	acre-feet...	3,289	105,766	841,635	1,056,045
58	Conveyance loss in basin.....organizations...	5	26	31	5
59	acre-feet...	540	23,155	265,343	590,956
60	Conveyed to another drainage basin.....organizations...	...	...	1	...
61	acre-feet...	...	...	31,047	...
62	To drainage basin number.....D. B. No....	...	...	...	...
63	Delivered for use in the basin.....organizations...	5	26	30	5
64	acre-feet...	2,749	82,611	545,245	465,089
65	To farm irrigation water users.....organizations...	5	26	30	5
66	acre-feet...	2,749	82,611	545,088	465,089
67	To residential water users.....organizations...	...	...	1	...
68	acre-feet...	...	...	157	...
69	For other use.....organizations...	...	...	...	...
70	acre-feet...	...	...	...	...
71	*Delivered to other irrigation organizations*.....*organizations delivering*...	...	...	3	1
72	*acre-feet*...	...	...	41,625	45,486
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959				
	Per acre irrigated, as reported by irrigation organization:				
73	All organizations.....acre-feet...	0.6	1.8	1.7	1.4
74	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	5	25	27	5
75	acre-feet...	0.6	1.8	1.7	1.4

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State Table 1.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	The State	North Pacific Coast, total	Snake River Weiser, Idaho to American Falls and Northwest Great Basin (I-F, I-G, and III-A)	Great Basin, total	Humboldt River (III-B)					
						Total	Humboldt River direct, Little Humboldt and Reese Rivers (1, 2, 3)	Pine Creek (4)	South Fork (5)	North Fork (6)	Lamoille Creek (7)
1	Total acres irrigated in Census year.....1959...	542,976	30,000	54,000	487,000	129,000	101,000	3,000	8,000	7,000	10,000
2	1949...	722,896	40,904	74,360	648,913	248,840	168,438	9,829	32,123	11,223	27,227
3	Irrigation organizations.....organizations 1959...	116	1	3	103	13	7	...	4	...	3
4	1949...	157	2	4	141	32	18	...	10	...	4
	Service area, 1959:										
5	Farm area reported served by organizations.....acres 1959...	312,290	(D)	9,800	292,403	55,844	47,447	...	7,360	...	1,037
6	Farm area reported irrigated by organizations.....acres 1959...	263,005	(D)	7,465	243,118	39,088	34,602	...	4,054	...	432
7	Water users served, total.....water users 1959...	3,059	25	68	2,566	183	148	...	29	...	6
8	Farm irrigation water users.....water users 1959...	2,646	25	68	2,344	183	148	...	29	...	6
9	Residential water users.....water users 1959...	408	...	...	219	...	...	...	...	...	...
10	Other water users.....water users 1959...	5	...	...	3	...	...	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959										
11	Ground water sources.....acres...	103,000	3,000	12,000	86,000	31,000	28,000	2,000	1,000	...	...
12	Surface water sources.....acres...	440,000	27,000	42,000	401,000	98,000	73,000	1,000	7,000	7,000	10,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959										
13	Total entering conveyance systems in basin.....organizations...	115	1	3	102	13	7	...	4	...	3
14	acre-feet...	1,068,254	(D)	19,930	975,010	113,426	103,184	...	9,154	...	1,695
15	From another drainage basin.....organizations...	2	...	...	1	...	1	...	...	...	...
16	acre-feet...	11,240	...	...	3,300	...	607	...	...	...	...
17	From drainage basin number.....D. B. No....	...	...	...	...	...	III-B-7	...	...	...	...
18	From natural sources within basin...organizations...	87	1	3	75	13	7	...	4	...	3
19	acre-feet...	1,057,014	(D)	19,930	971,710	113,426	102,577	...	9,154	...	1,695
20	Surface water.....organizations...	81	1	3	73	13	7	...	4	...	3
21	acre-feet...	1,026,055	(D)	19,930	953,350	113,426	102,577	...	9,154	...	1,695
22	Ground water.....organizations...	7	...	...	3	...	...	...	...	...	...
23	acre-feet...	30,959	...	...	18,360	...	...	...	...	...	...
24	*From other organizations in the basin.....organizations receiving...*	27	...	...	26	...	...	...	...	...	...
25	*acre-feet...*	189,781	...	...	188,071	...	...	...	...	...	...
26	Total leaving conveyance systems.....organizations...	115	1	3	102	13	7	...	4	...	3
27	acre-feet...	1,068,254	(D)	19,930	975,010	113,426	103,184	...	9,154	...	1,695
28	Conveyance loss in basin.....organizations...	107	1	3	96	11	5	...	4	...	2
29	acre-feet...	206,933	(D)	882	200,566	28,578	26,272	...	2,218	...	88
30	Conveyed to another drainage basin..organizations...	2	1	1	1	...	...	...	...	...	1
31	acre-feet...	25,999	(D)	10,000	15,999	...	...	...	...	...	607
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...	III-E-1c
33	Delivered for use in the basin.....organizations...	113	1	3	100	13	7	...	4	...	3
34	acre-feet...	835,322	(D)	9,048	758,445	84,848	76,912	...	6,936	...	1,000
35	To farm irrigation water users...organizations...	113	1	3	100	13	7	...	4	...	3
36	acre-feet...	824,592	(D)	9,048	749,557	84,848	76,912	...	6,936	...	1,000
37	To residential water users.....organizations...	11	...	...	8	...	...	...	...	...	...
38	acre-feet...	1,899	...	...	657	...	...	...	...	...	...
39	For other use.....organizations...	3	...	...	2	...	...	...	...	...	...
40	acre-feet...	8,831	...	...	8,231	...	...	...	...	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	3	...	...	2	...	...	...	...	...	...
42	*acre-feet...*	189,781	...	...	188,071	...	...	...	...	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.1	(D)	1.2	3.1	2.1	2.2	...	1.7	...	2.3
	NEW CAPITAL INVESTMENT, 1950-1959										
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	51	1	1	45	2	1	...	1	...	...
45	dollars...	1,059,001	(D)	46,500	651,549	119,000	89,000	...	30,000	...	...

[1]202,637 acre-feet from D. B. No. III-C-2a.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

South Central Great Basin (III-C)														
Total	Honey Lake	Truckee River	Carson River and Railroad, Steptoe, and Goshute Valleys	Walker River			Dixie, Smith Creek, and Fish Lake Valleys	Big Smoky Valley	Southwest Desert	Ralston, Monitor, and Hot Creek Valleys	Ruby Valley	Clover Valley	Spring Valley	
				Total	Lower Walker River and Walker Lake	West Walker and East Walker Rivers								
	(1)	(2)	(3, 12, 16)		(4a)	(4b, c)	(6)	(7)	(8)	(11)	(14)	(15)	(17)	
326,000	1,000	62,000	155,000	70,000	52,000	18,000	6,000	2,000	7,000	1,000	8,000	7,000	7,000	1
354,541	684	39,282	166,668	82,706	49,843	32,863	6,946	6,457	3,430	4,566	19,033	9,990	14,779	2
85	...	27	30	32	19	13	...	...	...	...	...	...	...	3
104	...	29	45	31	16	17	...	...	...	...	...	...	...	4
230,536	...	35,085	107,314	88,137	60,019	28,118	...	...	...	...	...	...	...	5
200,342	...	33,359	91,774	75,209	51,695	23,514	...	...	...	...	...	...	...	6
2,329	...	952	1,036	341	268	73	...	...	...	...	...	...	...	7
2,107	...	758	1,009	340	267	73	...	...	...	...	...	...	...	8
219	...	193	25	1	1	...	...	...	...	...	...	...	...	9
3	...	1	2	...	...	...	...	...	...	...	...	...	...	10
44,000	...	13,000	16,000	2,000	1,000	1,000	2,000	1,000	7,000	...	1,000	1,000	1,000	11
282,000	1,000	49,000	139,000	68,000	51,000	17,000	4,000	1,000	...	1,000	7,000	6,000	6,000	12
84	...	26	30	32	19	13	...	...	...	...	...	...	...	13
838,386	...	386,983	420,620	233,410	157,596	93,508	...	...	...	...	...	...	...	14
1	...	...	1	...	1	...	...	...	...	...	...	...	...	15
3,300	...	...	205,937	...	17,694	...	...	...	...	...	...	...	...	16
...	...	...	(1)	...	III-C-4c	...	...	...	...	...	...	...	...	17
57	...	26	29	6	3	4	...	...	...	...	...	...	...	18
835,086	...	386,983	214,693	233,410	139,902	93,508	...	...	...	...	...	...	...	19
56	...	26	28	6	3	4	...	...	...	...	...	...	...	20
832,056	...	386,743	211,903	233,410	139,902	93,508	...	...	...	...	...	...	...	21
2	...	1	1	...	...	...	...	...	...	...	...	...	...	22
3,030	...	240	2,790	...	...	...	...	...	...	...	...	...	...	23
26	...	...	...	26	17	9	...	...	...	...	...	...	...	24
188,071	...	...	...	188,071	124,782	63,289	...	...	...	...	...	...	...	25
84	...	26	30	32	19	13	...	...	...	...	...	...	...	26
838,386	...	386,983	420,620	233,410	157,596	93,508	...	...	...	...	...	...	...	27
81	...	26	27	30	18	12	...	...	...	...	...	...	...	28
170,789	...	54,489	94,968	21,332	13,714	7,618	...	...	...	...	...	...	...	29
...	...	1	...	...	...	1	...	...	...	...	...	...	...	30
...	...	202,637	...	...	...	17,694	...	...	...	...	...	...	...	31
...	...	III-C-3b	...	...	...	III-C-4a	...	...	...	...	...	...	...	32
83	...	26	29	30	18	12	...	...	...	...	...	...	...	33
667,597	...	129,857	325,662	212,078	143,882	68,196	...	...	...	...	...	...	...	34
83	...	26	29	30	18	12	...	...	...	...	...	...	...	35
658,709	...	128,278	318,356	212,075	143,879	68,196	...	...	...	...	...	...	...	36
8	...	6	1	1	1	...	...	...	...	...	...	...	...	37
657	...	579	75	3	3	...	...	...	...	...	...	...	...	38
2	...	1	2	...	...	...	...	...	...	...	...	...	...	39
8,231	...	1,000	7,231	...	...	...	...	...	...	...	...	...	...	40
2	...	...	...	2	2	1	...	...	...	...	...	...	...	41
188,071	...	...	...	188,071	124,782	63,289	...	...	...	...	...	...	...	42
3.3	...	3.8	3.5	2.8	2.8	2.9	...	...	...	...	...	...	...	43
42	...	12	10	21	13	8	...	...	...	...	...	...	...	44
531,549	...	99,051	205,880	226,618	33,912	192,706	...	...	...	...	...	...	...	45

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Bonneville Basin (III-D)	Colorado River below Lees Ferry excluding Gila River (IV-B)					
			Total	Colorado River direct (1b)	Virgin River			
					Total	Direct (3a)	Muddy River and Pahranagat Valley (3b, c)	White River (3d)
1	Total acres irrigated in Census year.....1959...	8,000	26,000	5,000	21,000	2,000	11,000	8,000
2	1949...	12,076	33,079	2,731	30,348	2,294	16,493	11,561
3	Irrigation organizations.....organizations 1959...	3	12	...	12	3	5	4
4	1949...	3	14	...	14	3	7	4
	Service area, 1959:							
5	Farm area reported served by organizations.....acres 1959...	2,223	13,887	...	13,887	2,870	5,680	5,337
6	Farm area reported irrigated by organizations.....acres 1959...	2,223	13,887	...	13,887	2,870	5,680	5,337
7	Water users served, total.....water users 1959...	11	468	...	468	101	315	52
8	Farm irrigation water users.....water users 1959...	11	277	...	277	101	124	52
9	Residential water users.....water users 1959...	...	189	...	189	...	189	...
10	Other water users.....water users 1959...	...	2	...	2	...	2	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959							
11	Ground water sources.....acres...	2,000	14,000	3,000	11,000	1,000	4,000	6,000
12	Surface water sources.....acres...	6,000	12,000	2,000	10,000	1,000	7,000	2,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
13	Total entering conveyance systems in basin.....organizations...	3	12	...	12	3	5	4
14	acre-feet...	20,268	76,244	...	76,244	13,345	36,447	26,452
15	From another drainage basin.....organizations...	...	1	...	1	1	...	...
16	acre-feet...	...	7,940	...	7,940	7,940	...	...
17	From drainage basin number.....D. B. No....	...	...	...	...	Arizona IV-B-3a	...	...
18	From natural sources within basin...organizations...	3	11	...	11	2	5	4
19	acre-feet...	20,268	68,304	...	68,304	5,405	36,447	26,452
20	Surface water.....organizations...	2	7	...	7	2	3	2
21	acre-feet...	4,938	55,705	...	55,705	5,405	32,120	18,180
22	Ground water.....organizations...	1	4	...	4	...	2	2
23	acre-feet...	15,330	12,599	...	12,599	...	4,327	8,272
24	*From other organizations in the basin.....organizations receiving...*	...	1	...	1	1	...	...
25	*acre-feet...*	...	1,710	...	1,710	1,710	...	...
26	Total leaving conveyance systems.....organizations...	3	12	...	12	3	5	4
27	acre-feet...	20,268	76,244	...	76,244	13,345	36,447	26,452
28	Conveyance loss in basin.....organizations...	2	10	...	10	2	5	3
29	acre-feet...	527	6,157	...	6,157	2,339	2,911	907
30	Conveyed to another drainage basin..organizations...	2	...	...	...	...	...	...
31	acre-feet...	15,999	...	...	...	...	...	...
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	2	12	...	12	3	5	4
34	acre-feet...	3,742	70,087	...	70,087	11,006	33,536	25,545
35	To farm irrigation water users...organizations...	2	12	...	12	3	5	4
36	acre-feet...	3,742	68,245	...	68,245	11,006	31,694	25,545
37	To residential water users.....organizations...	...	3	...	3	...	3	...
38	acre-feet...	...	1,242	...	1,242	...	1,242	...
39	For other use.....organizations...	...	1	...	1	...	1	...
40	acre-feet...	...	600	...	600	...	600	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	...	1	...	1	1	...	...
42	*acre-feet...*	...	1,710	...	1,710	1,710	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	1.7	4.9	...	4.9	3.8	5.6	4.8
	NEW CAPITAL INVESTMENT, 1950-1959							
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	1	5	...	5	2	1	2
45	dollars...	1,000	360,952	...	360,952	85,000	235,952	40,000

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)		Nevada, total	Truckee, Carson, and Walker Rivers (III-C, 2-4)
Irrigation organizations, total number	organizations 1959	116	83
	1949	157	104
Area irrigated as reported by organizations	acres 1959	263,005	199,335
	1949	286,299	219,896
Farm water users served directly	water users 1959	2,621	2,074
Total water conveyed	acre-feet 1959	1,258,035	1,022,557
TYPE OF ORGANIZATION			
Mutual:			
Unincorporated	organizations 1959	61	45
	1949	90	61
Farm area irrigated directly	acres 1959	49,199	40,155
Farm water users served directly	water users 1959	309	254
Total water conveyed	acre-feet 1959	151,039	132,446
Incorporated	organizations 1959	42	31
	1949	47	30
Farm area irrigated directly	acres 1959	79,179	64,874
Farm water users served directly	water users 1959	977	701
Total water conveyed	acre-feet 1959	326,731	234,960
District	organizations 1959	4	3
	1949	4	3
Farm area irrigated directly	acres 1959	120,327	90,567
Farm water users served directly	water users 1959	1,095	981
Total water conveyed	acre-feet 1959	718,088	621,088
U.S. Bureau of Reclamation; projects and storage systems operated by bureau	organizations 1959	...	...
	1949	...	...
Farm area irrigated directly	acres 1959	...	...
Farm water users served directly	water users 1959	...	...
Total water conveyed	acre-feet 1959	...	...
U. S. Bureau of Reclamation; operated by water users	*organizations 1959*	4	3
	1949	NA	NA
Farm area irrigated directly	acres 1959	107,655	77,895
Farm water users served directly	water users 1959	1,066	952
Total water conveyed	acre-feet 1959	501,043	404,043
U. S. Bureau of Indian Affairs	organizations 1959	8	3
	1949	14	8
Farm area irrigated directly	acres 1959	(D)	(D)
Farm water users served directly	water users 1959	(D)	(D)
Total water conveyed	acre-feet 1959	(D)	(D)
Commercial	organizations 1959	1	1
	1949	2	2
Farm area irrigated directly	acres 1959	(D)	(D)
Farm water users served directly	water users 1959	(D)	(D)
Total water conveyed	acre-feet 1959	(D)	(D)
State	organizations 1959	...	...
	1949	...	...
Farm area irrigated directly	acres 1959	...	...
Farm water users served directly	water users 1959	...	...
Total water conveyed	acre-feet 1959	...	...
City	organizations 1959	...	...
	1949	...	...
Farm area irrigated directly	acres 1959	...	...
Farm water users served directly	water users 1959	...	...
Total water conveyed	acre-feet 1959	...	...

Item (For definitions and explanations, see text)	Nevada, total	Truckee, Carson, and Walker Rivers (III-C, 2-4)
TYPE OF SERVICE, 1959		
All water directly from surface and ground water sources	organizations...	88	56
Total water conveyed	acre-feet...	1,064,385	834,486
Water delivered	acre-feet...	834,106	667,006
To farm and residential users only	organizations...	86	55
	acre-feet...	629,545	468,825
To farm and residential users and other irrigation organizations	organizations...	2	1
Water to farm and residential users	acre-feet...	32,384	27,714
Water to other irrigation organizations	acre-feet...	172,177	170,467
To other irrigation organizations only	organizations...	...	...
	acre-feet...	...	...
Part of water from other organizations	organizations...	1	...
Total water conveyed	acre-feet...	5,579	...
From surface and ground water sources	acre-feet...	3,869	...
From other irrigation organizations	acre-feet...	1,710	...
Water delivered	acre-feet...	4,800	...
To farm and residential users only	organizations...	1	...
	acre-feet...	4,800	...
To farm and residential users and other irrigation organizations	organizations...	...	...
Water to farm and residential users	acre-feet...	...	...
Water to other irrigation organizations	acre-feet...	...	...
To other irrigation organizations only	organizations...	...	...
	acre-feet...	...	...
All of water from other organizations	organizations...	26	26
Total water conveyed	acre-feet...	188,071	188,071
Water delivered	acre-feet...	177,366	177,366
To farm and residential users only	organizations...	25	25
	acre-feet...	159,762	159,762
To farm and residential users and other irrigation organizations	organizations...	...	...
Water to farm residential users	acre-feet...	...	...
Water to other irrigation organizations	acre-feet...	...	...
To other irrigation organizations only	organizations...	1	1
	acre-feet...	17,604	17,604
No water conveyed	organizations...	1	1
WATER FROM OTHER SOURCES			
Organizations reporting NO water from other sources used on land served by the organization	organizations...	112	80
	acres served...	323,174	230,182
	acres irrigated...	273,889	200,228
Water delivered to farms	acre-feet...	855,353	660,531
	acre-feet per acre...	3.1	3.3
Organizations reporting water from other sources used on land served by the organization	organizations...	2	1
	acres served...	439	307
	acres irrigated...	439	307
Water delivered to farms	acre-feet...	1,370	1,113
	acre-feet per acre...	3.1	3.6

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 2.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

Item (For definitions and explanations, see text)	Nevada, total	Truckee, Carson, and Walker Rivers (III-C, 2-4)
WATER DELIVERED PER ACRE		
Organizations reporting NO water from other sources used on same land:		
0.1 to 0.9 acre-feet per acre.....organizations...	3	1
acres irrigated...	2,172	588
1.0 to 1.9 acre-feet per acre.....organizations...	19	10
acres irrigated...	43,492	21,704
2.0 to 2.9 acre-feet per acre.....organizations...	33	23
acres irrigated...	80,069	44,240
3.0 to 3.9 acre-feet per acre.....organizations...	31	28
acres irrigated...	120,564	117,704
4.0 to 4.9 acre-feet per acre.....organizations...	15	9
acres irrigated...	12,491	6,281
5.0 to 5.9 acre feet per acre.....organizations...	5	5
acres irrigated...	7,004	7,004
6.0 to 6.9 acre-feet per acre.....organizations...	3	3
acres irrigated...	1,375	1,375
7.0 to 7.9 acre-feet per acre.....organizations...	2	...
acres irrigated...	5,390	...
8.0 to 9.9 acre-feet per acre.....organizations...	...	...
acres irrigated...	...	...
10.0 or more acre-feet per acre.....organizations...	1	1
acres irrigated...	1,332	1,332
SIZE OF ORGANIZATION		
Size of organization (number of farm irrigation water users served directly):		
None.....organizations...	2	2
1 to 3.....organizations...	31	18
water users...	71	40
4 to 9.....organizations...	42	38
water users...	244	220
10 to 29.....organizations...	25	15
water users...	440	296
30 to 99.....organizations...	12	7
water users...	645	369
100 to 299.....organizations...	3	2
water users...	314	200
300 to 999.....organizations...	1	1
water users...	952	952
1,000 or more.....organizations...	...	...
water users...	...	...

Item (For definitions and explanations, see text)	Nevada, total	Truckee, Carson, and Walker Rivers (III-C, 2-4)
SIZE OF ORGANIZATION—Continued		
Size of organization (acre-feet of water delivered directly to farms):		
None.....organizations...	2	2
1 to 299 acre-feet.....organizations...	7	4
acre-feet...	1,032	655
300 to 999 acre-feet.....organizations...	20	12
acre-feet...	13,805	8,361
1,000 to 2,999 acre-feet.....organizations...	37	26
acre-feet...	64,923	46,310
3,000 to 9,999 acre-feet.....organizations...	35	29
acre-feet...	207,807	180,512
10,000 to 29,999 acre-feet.....organizations...	13	9
acre-feet...	218,642	146,492
30,000 to 99,999 acre-feet.....organizations...	1	...
acre-feet...	71,200	...
100,000 or more acre-feet.....organizations...	1	1
acre-feet...	279,314	279,314
Size of organization (acre-feet of water conveyed):		
None.....organizations...	1	1
1 to 299 acre-feet.....organizations...	6	3
acre-feet...	972	500
300 to 999 acre-feet.....organizations...	13	8
acre-feet...	8,105	4,737
1,000 to 2,999 acre-feet.....organizations...	43	29
acre-feet...	77,388	51,655
3,000 to 9,999 acre-feet.....organizations...	35	30
acre-feet...	219,924	194,689
10,000 to 29,999 acre-feet.....organizations...	15	10
acre-feet...	258,103	172,273
30,000 to 99,999 acre-feet.....organizations...	1	...
acre-feet...	97,000	...
100,000 or more acre-feet.....organizations...	2	2
acre-feet...	605,303	605,303

State Table 3.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

Item (For definitions and explanations, see text)	Nevada, total
Total acres irrigated.....farms reporting...	2,110
acres...	542,976
Acres irrigated by sprinklers.....farms reporting...	91
acres...	4,473
Sprinklers only.....farms reporting...	37
acres...	2,015
LAND IRRIGATED, BY SOURCE OF WATER TO INVIVIDUAL FARMS, 1959	
Ground water sources on farm.....farms reporting...	492
acres...	100,609
Ground water sources on farm only....farms reporting...	312
acres...	64,995
LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959—Continued	
Surface sources on farm.....farms reporting...	480
acres...	199,313
Surface sources on farm only.....farms reporting...	362
acres...	143,761
Irrigation organization sources.....farms reporting...	1,350
acres...	243,054
Irrigation organizations sources only.....farms reporting...	1,223
acres...	214,235
Both farm ground water sources and surface sources.....farms reporting...	84
acres...	58,014
Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	129
acres...	61,971

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	Nevada, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	116	61	42	4	...	4	9
1949...	157	90	47	4	...	NA	16
Service area, 1959:							
Area served, as reported by organizations.....acres...	312,290	61,592	84,123	146,117	...	133,445	20,458
Area irrigated, as reported by organizations.....acres...	263,005	49,199	79,179	120,327	...	107,655	14,300
Water users served, 1959, total.....water users...	3,059	340	1,357	1,097	...	1,068	265
Farm irrigation water users:.....water users...	2,646	309	977	1,095	...	1,066	265
Residential water users.....water users...	408	30	378	...	...	...	...
Other water users.....water users...	5	1	2	2	...	2	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	88	50	27	3	...	2	8
Total water conveyed.....acre-feet...	1,064,385	98,667	202,858	702,303	...	501,043	60,557
Water delivered.....acre-feet...	834,106	86,756	159,320	548,695	...	350,514	39,335
To farm and residential users only.....organizations...	86	50	26	2	...	2	8
acre-feet...	629,545	86,756	152,940	350,514	...	350,514	39,335
To farm and residential users and other irrigation organizations.....organizations...	2	...	1	1	...	...	...
Water to farm and residential users.....acre-feet...	32,384	...	4,670	27,714	...	...	...
Water to other irrigation organizations.....acre-feet...	172,177	...	1,710	170,467	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	1	...	1	...	...	...	...
Total water conveyed.....acre-feet...	5,579	...	5,579	...	...	...	...
From surface and ground water sources.....acre-feet...	3,869	...	3,869	...	...	...	...
From other irrigation organizations.....acre-feet...	1,710	...	1,710	...	...	...	...
Water delivered.....acre-feet...	4,800	...	4,800	...	...	...	...
To farm and residential users only.....organizations...	1	...	1	...	...	...	...
acre-feet...	4,800	...	4,800	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	26	11	13	1	...	...	1
Total water conveyed.....acre-feet...	188,071	52,372	118,294	15,785	...	...	1,620
Water delivered.....acre-feet...	177,366	49,344	112,515	14,207	...	...	1,300
To farm and residential users only.....organizations...	25	11	12	1	...	...	1
acre-feet...	159,762	49,344	94,911	14,207	...	...	1,300
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	1	...	1	...	...	...	...
acre-feet...	17,604	...	17,604	...	...	...	...
No water conveyed.....organizations...	1	...	1	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	112	59	40	4	...	2	9
acres served...	323,174	62,353	88,023	146,117	...	133,445	26,681
acres irrigated...	273,889	49,960	83,079	120,327	...	107,655	20,523
water delivered to farms (acre-feet)...	855,353	140,640	271,442	392,435	...	349,514	50,836
acre-feet per acre...	3.1	2.8	3.3	3.3	...	2.6	2.5
Organizations reporting water from other sources used on land served by the organization.....organizations...	2	2	...	...	...	...	...
acres served...	439	439	...	...	...	...	...
acres irrigated...	439	439	...	...	...	...	...
water delivered to farms (acre-feet)...	1,370	1,370	...	...	...	...	...
acre-feet per acre...	3.1	3.1	...	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	51	22	22	4	...	4	3
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	1,059,001	56,500	454,911	469,759	...	305,000	77,831

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Nevada, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	115	61	41	4	...	4	9
acre-feet...	1,068,254	98,667	206,727	702,303	...	501,043	60,557
From another drainage basin.....organizations...	2	1	1	...	...	...	...
acre-feet...	11,240	3,300	7,940	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	87	49	27	3	...	4	8
acre-feet...	1,057,014	95,367	198,787	702,303	...	501,043	60,557
Surface water.....organizations...	81	48	23	3	...	4	7
acre-feet...	1,026,055	94,055	171,930	702,303	...	501,043	57,767
Ground water.....organizations...	7	2	4	...	...	...	1
acre-feet...	30,959	1,312	26,857	...	...	...	2,790
From other organizations in the basin.....organizations receiving...	27	11	14	1	...	...	1
acre-feet...	189,781	52,372	120,004	15,785	...	...	1,620
Total leaving conveyance systems.....organizations...	115	61	41	4	...	4	9
acre-feet...	1,068,254	151,039	307,417	547,621	...	501,043	62,177
Conveyance loss in basin.....organizations...	107	58	36	4	...	4	9
acre-feet...	206,933	14,708	34,166	147,186	...	142,529	10,873
Conveyed to another drainage basin.....organizations...	2	...	1	...	...	...	1
acre-feet...	25,999	...	15,330	...	...	...	10,669
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	113	61	39	4	...	4	9
acre-feet...	835,322	136,331	257,921	400,435	...	358,514	40,635
To farm irrigation water users.....organizations...	113	61	39	4	...	4	9
acre-feet...	824,592	136,010	255,512	392,435	...	350,514	40,635
To domestic water users.....organizations...	11	1	10	...	...	...	...
acre-feet...	1,899	90	1,809	...	...	...	...
For other use.....organizations...	3	1	1	1	...	1	...
acre-feet...	8,831	231	600	8,000	...	8,000	...
Delivered to other irrigation organizations.....organizations delivering...	3	...	2	1	...	...	...
acre-feet...	189,781	...	19,314	170,467	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	3	1	2	...	...	...	...
1 to 3 water users.....organizations...	31	29	2	...	...	...	...
4 to 9 water users.....organizations...	42	27	13	1	...	...	1
10 to 29 water users.....organizations...	24	4	18	...	...	...	2
30 to 99 water users.....organizations...	12	1	6	...	...	...	5
100 to 299 water users.....organizations...	3	...	1	2	...	1	...
300 to 999 water users.....organizations...	1	...	...	1	...	1	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	2	...	2	...	...	...	...
1 to 299 acre-feet.....organizations...	7	6	1	...	...	...	...
300 to 999 acre-feet.....organizations...	20	17	3	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	37	22	10	...	...	...	5
3,000 to 9,999 acre-feet.....organizations...	35	16	17	...	...	...	2
10,000 to 29,999 acre-feet.....organizations...	13	...	9	2	...	...	2
30,000 to 99,999 acre-feet.....organizations...	1	...	...	1	...	1	...
100,000 or more acre-feet.....organizations...	1	...	...	1	...	1	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	1	...	1	...	...	...	...
1 to 299 acre-feet.....organizations...	6	6	...	...	...	...	...
300 to 999 acre-feet.....organizations...	13	12	1	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	43	27	11	...	...	...	5
3,000 to 9,999 acre-feet.....organizations...	35	16	17	...	...	...	2
10,000 to 29,999 acre-feet.....organizations...	15	...	12	1	...	...	2
30,000 to 99,999 acre-feet.....organizations...	1	...	...	1	...	1	...
100,000 or more acre-feet.....organizations...	2	...	...	2	...	1	...

NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Truckee River, Carson River, and Walker River (III-C, 2-4)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	83	45	31	3	...	4	4
1949...	104	61	30	3	...	NA	10
Service area, 1959:							
Area served, as reported by organizations.....acres...	229,289	47,365	69,398	106,484	...	93,812	6,042
Area irrigated, as reported by organizations.....acres...	199,335	40,155	64,874	90,567	...	77,895	3,739
Water users served, 1959, total.....water users...	2,318	285	890	983	...	954	160
Farm irrigation water users:.....water users...	2,096	254	701	981	...	952	160
Residential water users.....water users...	219	30	189	...	...	...	...
Other water users.....water users...	3	1	...	2	...	2	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	56	34	17	2	...	3	3
Total water conveyed.....acre-feet...	834,486	80,074	116,666	605,303	...	404,043	32,443
Water delivered.....acre-feet...	667,006	70,924	94,249	477,495	...	279,314	24,338
To farm and residential users only.....organizations...	55	34	17	1	...	2	3
acre-feet...	468,825	70,924	94,249	279,314	...	279,314	24,338
To farm and residential users and other irrigation organizations.....organizations...	1	...	...	1	...	...	...
Water to farm and residential users.....acre-feet...	27,714	...	...	27,714	...	...	...
Water to other irrigation organizations.....acre-feet...	170,467	...	...	170,467	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
From surface and ground water sources.....acre-feet...	...	...	...	...	...	...	...
From other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	26	11	13	1	...	...	1
Total water conveyed.....acre-feet...	188,071	52,372	118,294	15,785	...	...	1,620
Water delivered.....acre-feet...	177,366	49,344	112,515	14,207	...	...	1,300
To farm and residential users only.....organizations...	25	11	12	1	...	...	1
acre-feet...	159,762	49,344	94,911	14,207	...	...	1,300
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	1	...	1	...	...	...	...
acre-feet...	17,604	...	17,604	...	...	...	...
No water conveyed.....organizations...	1	...	1	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	80	44	29	3	...	1	4
acres served...	230,182	48,258	69,398	106,484	...	93,812	6,042
acres irrigated...	200,228	41,048	64,874	90,567	...	77,895	3,739
water delivered to farms (acre-feet)...	660,531	125,065	188,593	321,235	...	279,314	25,638
acre-feet per acre...	3.3	3.0	2.9	3.5	...	3.0	6.9
Organizations reporting water from other sources used on land served by the organization.....organizations...	1	1	...	...	...	...	...
acres served...	307	307	...	...	...	...	...
acres irrigated...	307	307	...	...	...	...	...
water delivered to farms (acre-feet)...	1,113	1,113	...	...	...	...	...
acre-feet per acre...	3.6	3.6	...	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	42	21	17	3	...	1	1
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	531,549	55,500	93,959	380,759	...	216,000	1,331

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Truckee River, Carson River, and Walker River (III-C, 2-4)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	82	45	30	3	...	1	4
acre-feet...	834,486	80,074	116,666	605,303	...	404,043	32,443
From another drainage basin.....organizations...	1	1	...	...	...	...	...
acre-feet...	3,300	3,300	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	55	33	17	2	...	1	3
acre-feet...	831,186	76,774	116,666	605,303	...	404,043	32,443
Surface water.....organizations...	55	33	17	2	...	1	3
acre-feet...	830,946	76,534	116,666	605,303	...	404,043	32,443
Ground water.....organizations...	1	1	...	...	...	...	...
acre-feet...	240	240	...	...	...	...	...
From other organizations in the basin .....organizations receiving...	26	11	13	1	...	...	1
acre-feet...	188,071	52,372	118,294	15,785	...	...	1,620
Total leaving conveyance systems.....organizations...	82	45	30	3	...	1	4
acre-feet...	834,486	132,446	217,356	450,621	...	404,043	34,063
Conveyance loss in basin.....organizations...	79	44	28	3	...	1	4
acre-feet...	169,954	11,947	28,196	121,386	...	116,729	8,425
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	81	45	29	3	...	...	4
acre-feet...	664,532	120,499	189,160	329,235	...	287,314	25,638
To farm irrigation water users.....organizations...	81	45	29	3	...	1	4
acre-feet...	655,644	120,178	188,593	321,235	...	279,314	25,638
To domestic water users.....organizations...	8	1	7	...	...	...	...
acre-feet...	657	90	567	...	...	...	...
For other use.....organizations...	2	1	...	1	...	1	...
acre-feet...	8,231	231	...	8,000	...	8,000	...
Delivered to other irrigation organizations..... organizations delivering...	2	...	1	1	...	...	...
acre-feet...	188,071	...	17,604	170,467	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	2	...	2	...	...	...	...
1 to 3 water users.....organizations...	18	16	2	...	...	...	...
4 to 9 water users.....organizations...	38	25	11	1	...	...	1
10 to 29 water users.....organizations...	15	3	12	...	...	...	...
30 to 99 water users.....organizations...	7	1	3	...	...	...	3
100 to 299 water users.....organizations...	2	...	1	1	...	1	...
300 to 999 water users.....organizations...	1	...	...	1	...	...	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	2	...	2	...	...	...	...
1 to 299 acre-feet.....organizations...	4	3	1	...	...	...	...
300 to 999 acre-feet.....organizations...	12	10	2	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	26	17	7	...	...	...	2
3,000 to 9,999 acre-feet.....organizations...	29	15	13	...	...	...	1
10,000 to 29,999 acre-feet.....organizations...	9	...	6	2	...	...	1
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	1	...	...	1	...	1	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	1	...	1	...	...	...	...
1 to 299 acre-feet.....organizations...	3	3	...	...	...	...	...
300 to 999 acre-feet.....organizations...	8	7	1	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	29	20	7	...	...	...	2
3,000 to 9,999 acre-feet.....organizations...	30	15	14	...	...	...	1
10,000 to 29,999 acre-feet.....organizations...	10	...	8	1	...	...	1
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	2	...	...	2	...	1	...

NA Not available.

State Table 5.--NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Nevada, total				Truckee River, Carson River, and Walker River (III-C, 2-4)			
		Size of organization, by total water conveyed							
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations.....organizations...	20	78	18	...	12	59	10	2
	TYPE OF SERVICE								
2	All water directly from surface and ground sources.....organizations...	19	56	13	...	11	38	5	2
3	Total water conveyed.....acre-feet...	9,077	178,734	876,574	...	5,237	133,345	90,601	605,303
4	Water delivered.....acre-feet...	7,799	153,706	672,601	...	4,656	115,519	69,336	477,495
5	To farm and residential users only.....organizations...	19	56	11	...	11	38	5	1
6	acre-feet...	7,799	153,706	468,040	...	4,656	115,519	69,336	279,314
7	To farm and residential users and other irrigation organizations.....organizations...	...	...	2	...	...	...	...	1
8	Water to farm and residential users.....acre-feet...	...	...	32,384	...	...	...	...	27,714
9	Water to other irrigation organizations.....acre-feet...	...	...	172,177	...	...	...	...	170,467
10	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...	...
11	acre-feet...	...	...	...	...	...	...	...	...
12	Part of water from other organizations.....organizations...	...	1	...	...	...	...	...	...
13	Total water conveyed.....acre-feet...	...	5,579	...	...	...	...	...	...
14	From surface and ground water sources.....acre-feet...	...	3,869	...	...	...	...	...	...
15	From other irrigation organizations.....acre-feet...	...	1,710	...	...	...	...	...	...
16	Water delivered.....acre-feet...	...	4,800	...	...	...	...	...	...
17	To farm and residential users only.....organizations...	...	1	...	...	...	...	...	...
18	acre-feet...	...	4,800	...	...	...	...	...	...
19	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...	...
20	Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...	...
21	Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...	...
22	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...
24	All of water from other organizations.....organizations...	...	21	5	...	...	21	5	...
25	Total water conveyed.....acre-feet...	...	106,399	81,672	...	...	106,399	81,672	...
26	Water delivered.....acre-feet...	...	100,550	76,816	...	...	100,550	76,816	...
27	To farm and residential users only.....organizations...	...	21	4	...	...	21	4	...
28	acre-feet...	...	100,550	59,212	...	...	100,550	59,212	...
29	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...	...
30	Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...	...
31	Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...	...
32	To other irrigation organizations only.....organizations...	...	...	1	...	...	...	1	...
33	acre-feet...	...	...	17,604	...	...	...	17,604	...
34	No water conveyed.....organizations...	1	...	...	...	1	...	...	...
	WATER FROM OTHER SOURCES								
35	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	18	77	17	...	11	58	9	2
36	acres served...	6,918	111,768	204,488	...	1,978	85,989	39,553	102,662
37	acres irrigated...	3,491	94,180	176,218	...	1,978	74,432	37,073	86,745
38	Organizations reporting water from other sources used on land served by the organization.....organizations...	1	1	...	...	...	1	...	...
39	acres served...	132	307	...	...	...	307	...	...
40	acres irrigated...	132	307	...	...	...	307	...	...
	NEW CAPITAL INVESTMENT, 1950-1959								
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	4	32	15	...	4	28	8	2
42	dollars...	2,500	210,615	845,886	...	2,500	89,615	212,434	227,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
43	Total entering conveyance systems in basin.....organizations...	19	78	18	...	11	59	10	2
44	acre-feet...	9,077	182,603	876,574	...	5,237	133,345	90,601	605,303
45	From another drainage basin.....organizations...	...	1	1	...	...	1	...	...
46	acre-feet...	...	3,300	7,940	...	...	3,300	...	...
47	From Drainage Basin number.....D. B. No....	...	...	...	...	...	...	...	...
48	From natural sources within basin.....organizations...	19	56	12	...	11	37	5	2
49	acre-feet...	9,077	179,303	868,634	...	5,237	130,045	90,601	605,303
50	Surface water.....organizations...	19	51	11	...	11	37	5	2
51	acre-feet...	9,077	163,674	853,304	...	5,237	129,805	90,601	605,303
52	Ground water.....organizations...	...	6	1	...	...	1	...	...
53	acre-feet...	...	15,629	15,330	...	...	240	...	...
54	*From other organizations in the basin*.....*organizations receiving*...	...	22	5	...	...	21	5	...
55	*acre-feet*...	...	108,109	81,672	...	...	106,399	81,672	...
56	Total leaving conveyance systems.....organizations...	19	78	18	...	11	59	10	2
57	acre-feet...	9,077	290,712	768,465	...	5,237	239,744	154,669	434,836
58	Conveyance loss in basin.....organizations...	18	73	16	...	10	57	10	2
59	acre-feet...	1,278	30,756	174,899	...	581	23,444	26,121	119,808
60	Conveyed to another drainage basin.....organizations...	...	1	2	...	...	...	...	...
61	acre-feet...	...	669	25,330	...	...	...	...	...
62	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...
63	Delivered for use in the basin.....organizations...	19	78	16	...	11	59	9	2
64	acre-feet...	7,799	259,287	568,236	...	4,656	216,300	128,548	315,028
65	To farm irrigation water users.....organizations...	19	78	16	...	11	59	9	2
66	acre-feet...	7,799	258,362	558,431	...	4,656	215,547	128,413	307,028
67	To residential water users.....organizations...	...	8	3	...	...	6	2	...
68	acre-feet...	...	694	1,205	...	...	522	135	...
69	For other use.....organizations...	...	1	2	...	...	1	...	1
70	acre-feet...	...	231	8,600	...	...	231	...	8,000
71	*Delivered to other irrigation organizations*.....*organizations delivering*...	...	...	3	...	...	...	1	1
72	*acre-feet*...	...	...	189,781	...	...	...	17,604	170,467
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959								
	Per acre irrigated, as reported by irrigation organization:								
73	All organizations.....acre-feet...	2.2	2.8	3.4	...	2.4	2.9	3.5	3.5
74	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	18	77	17	...	11	58	9	2
75	acre-feet...	2.2	2.8	3.3	...	2.4	2.9	3.6	3.5

NEW MEXICO

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State Table 1.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	The State	Gulf of California	Colorado River below Lees Ferry, Arizona, total (IV-B and C)	Colorado River above Lees Ferry, Arizona (San Juan River) (IV-D)				
					Total	San Juan River direct (2a)	Mancos River (2c)	La Plata River (2d)	Animas River and Los Pinos River (2e, f)
1	Total acres irrigated in Census year.....1959...	731,835	53,000	28,000	25,000	11,000	...	6,000	8,000
2	1949...	691,476	58,815	21,341	37,474	21,584	...	3,829	12,061
3	Irrigation organizations.....organizations 1959...	447	63	24	39	20	...	7	12
4	1949...	620	88	29	59	33	...	9	17
	Service area, 1959:								
5	Farm area reported served by organizations.....acres 1959...	462,200	58,360	13,208	45,152	26,730	...	7,800	10,622
6	Farm area reported irrigated by organizations.....acres 1959...	366,086	46,970	13,044	33,926	18,744	...	5,133	10,049
7	Water users served, total.....water users 1959...	23,768	2,504	398	2,106	1,176	...	105	825
8	Farm irrigation water users.....water users 1959...	20,828	1,852	351	1,501	941	...	105	455
9	Residential water users.....water users 1959...	2,910	630	47	583	230	...	...	353
10	Other water users.....water users 1959...	30	22	...	22	5	...	...	17
	LAND IRRIGATED BY SOURCE OF WATER, 1959								
11	Ground water sources.....acres...	445,652	18,000	18,000	...	...	...	...	...
12	Surface water sources.....acres...	286,183	35,000	10,000	25,000	11,000	...	6,000	8,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
13	Total entering conveyance systems in basin.....organizations...	446	63	24	39	20	...	7	12
14	acre-feet...	1,419,633	265,192	59,278	205,914	142,356	...	11,089	52,469
15	From another drainage basin.....organizations...	2	2	...	2	1	...	...	1
16	acre-feet...	1,903	1,903	...	1,903	242	...	...	1,661
17	From drainage basin number.....D. B. No....	...	...	...	...	IV-D-2f	...	...	Colorado IV-D-2f
18	From natural sources within basin...organizations...	437	60	24	36	18	...	7	11
19	acre-feet...	1,417,730	263,289	59,278	204,011	142,114	...	11,089	50,808
20	Surface water.....organizations...	428	58	24	34	16	...	7	11
21	acre-feet...	1,372,752	262,376	58,381	203,995	142,098	...	11,089	50,808
22	Ground water.....organizations...	26	7	5	2	2	...	...	...
23	acre-feet...	44,978	913	897	16	16	...	...	...
24	*From other organizations in the basin.....organizations receiving*...	18	1	...	1	1	...	...	...
25	*acre-feet*...	39,971	3,851	...	3,851	3,851	...	...	...
26	Total leaving conveyance systems.....organizations...	446	63	24	39	20	...	7	12
27	acre-feet...	1,419,633	265,192	59,278	205,914	142,356	...	11,089	52,469
28	Conveyance loss in basin.....organizations...	423	61	24	37	18	...	7	12
29	acre-feet...	492,142	63,548	10,109	53,439	35,135	...	1,386	16,918
30	Conveyed to another drainage basin..organizations...	...	...	...	...	...	...	...	...
31	acre-feet...	...	...	...	...	...	...	...	...
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	446	63	24	39	20	...	7	12
34	acre-feet...	927,491	201,644	49,169	152,475	107,221	...	9,703	35,551
35	To farm irrigation water users...organizations...	445	63	24	39	20	...	7	12
36	acre-feet...	900,617	184,457	49,061	135,396	96,673	...	9,703	29,020
37	To residential water users.....organizations...	76	11	3	8	4	...	...	4
38	acre-feet...	15,845	10,320	108	10,212	8,186	...	...	2,026
39	For other use.....organizations...	13	6	...	6	3	...	...	3
40	acre-feet...	11,029	6,867	...	6,867	2,362	...	...	4,505
41	*Delivered to other irrigation organizations..... organizations delivering*...	12	1	...	1	1	...	...	...
42	*acre-feet*...	39,971	3,851	...	3,851	3,851	...	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	2.5	3.9	3.8	4.0	5.2	...	1.9	2.9
	NEW CAPITAL INVESTMENT, 1950-1959								
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	212	26	10	16	6	...	1	9
45	dollars...	13,666,262	261,844	97,030	164,814	53,071	...	1,130	110,613

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Gulf of Mexico excluding Mississippi River	Excluding Rio Grande (V-A)					Rio Grande below Fort Quitman, Texas (Pecos River) (V-B)						
	Total	Colorado River (5b)	Brazos River			Total	Sacramento River (1c)	Pecos River direct			Gallinas River (2g)	
			Total	Brazos River direct (6b)	Salt Fork (6c)			Total	Below Acme (2b)	Acme to Alamogordo Dam and above Alamogordo Dam (2c, d)		
602,000	200,000	71,000	129,000	80,000	49,000	181,000	...	176,000	158,000	18,000	5,000	1
562,207	98,767	61,931	36,836	36,583	253	196,108	...	190,443	169,283	21,160	5,665	2
318	...	...	...	...	...	58	...	50	23	27	8	3
450	...	...	...	...	...	71	...	61	30	31	10	4
322,669	...	...	...	...	...	65,575	...	58,285	45,432	12,853	7,290	5
256,427	...	...	...	...	...	52,245	...	46,721	34,763	11,958	5,524	6
19,842	...	...	...	...	...	1,821	...	1,708	574	1,134	113	7
17,675	...	...	...	...	...	1,742	...	1,644	549	1,095	98	8
2,160	...	...	...	...	...	73	...	59	22	37	14	9
7	...	...	...	...	...	6	...	5	3	2	1	10
415,000	199,000	70,000	129,000	80,000	49,000	131,000	...	131,000	121,000	10,000	...	11
187,000	1,000	1,000	...	...	...	50,000	...	45,000	37,000	8,000	5,000	12
317	...	...	...	...	...	57	...	49	22	27	8	13
1,001,782	...	...	...	...	...	189,559	...	181,831	142,302	39,529	7,728	14
...	...	...	...	...	...	...	...	...	...	...	...	15
...	...	...	...	...	...	...	...	...	...	...	...	16
...	...	...	...	...	...	...	...	...	...	...	...	17
311	...	...	...	...	...	56	...	49	22	27	7	18
1,001,782	...	...	...	...	...	189,559	...	181,831	142,302	39,529	7,728	19
304	...	...	...	...	...	54	...	47	20	27	7	20
957,717	...	...	...	...	...	176,649	...	168,921	129,392	39,529	7,728	21
19	...	...	...	...	...	3	...	3	3	...	...	22
44,065	...	...	...	...	...	12,910	...	12,910	12,910	...	...	23
13	...	...	...	...	...	2	...	1	...	1	1	24
34,877	...	...	...	...	...	665	...	365	...	365	300	25
317	...	...	...	...	...	57	...	49	22	27	8	26
1,001,782	...	...	...	...	...	189,559	...	181,831	142,302	39,529	7,728	27
296	...	...	...	...	...	54	...	46	20	26	8	28
366,159	...	...	...	...	...	47,938	...	46,617	41,406	5,211	1,321	29
2	...	...	...	...	...	...	...	...	...	...	...	30
480	...	...	...	...	...	...	...	...	...	...	...	31
...	...	...	...	...	...	...	...	...	...	...	...	32
316	...	...	...	...	...	57	...	49	22	27	8	33
635,143	...	...	...	...	...	141,621	...	135,214	100,896	34,318	6,407	34
315	...	...	...	...	...	57	...	49	22	27	8	35
627,060	...	...	...	...	...	138,504	...	132,607	98,860	33,747	5,897	36
52	...	...	...	...	...	8	...	7	2	5	1	37
4,821	...	...	...	...	...	191	...	164	43	121	27	38
6	...	...	...	...	...	5	...	4	2	2	1	39
3,262	...	...	...	...	...	2,926	...	2,443	1,993	450	483	40
7	...	...	...	...	...	2	...	1	...	1	1	41
34,877	...	...	...	...	...	665	...	365	...	365	300	42
2.4	...	...	...	...	...	2.7	...	2.8	2.8	2.8	1.1	43
157	...	...	...	...	...	34	...	31	14	17	3	44
12,788,762	...	...	...	...	...	1,381,697	...	1,294,797	1,241,705	53,092	86,900	45

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	Rio Grande above Fort Quitman, Texas (V-C)									
		Total	Rio Grande direct				Mimbres Valley	Tularosa and Estancia Valleys	Rio Puerco	Tesuque Creek	Santa Cruz River
			Total	Below San Marcial (1a)	San Marcial to Otowi Bridge (1b)	Above Otowi Bridge (1c)	(2)	(3)	(4)	(5)	(6)
1	Total acres irrigated in Census year.....1959...	221,000	137,000	87,000	41,000	9,000	33,000	22,000	3,000	3,000	1,000
2	1949...	267,332	166,780	88,645	63,006	15,129	24,738	20,931	10,696	2,412	3,710
3	Irrigation organizations.....organizations 1959...	260	52	4	15	33	15	7	19	28	20
4	1949...	379	72	6	23	43	15	10	25	30	36
	Service area, 1959:										
5	Farm area reported served by organizations.....acres 1959...	257,094	197,366	102,895	70,442	24,029	2,097	3,676	7,181	3,815	1,577
6	Farm area reported irrigated by organizations.....acres 1959...	204,222	159,808	85,639	56,251	17,918	1,475	2,922	3,886	2,608	1,505
7	Water users served, total.....water users 1959...	18,021	12,300	3,276	6,086	2,938	104	417	313	651	465
8	Farm irrigation water users.....water users 1959...	15,933	11,117	2,637	5,711	2,769	104	193	313	621	465
9	Residential water users.....water users 1959...	2,087	1,182	639	375	168	...	224	...	30	...
10	Other water users.....water users 1959...	1	1	...	...	1	...	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959										
11	Ground water sources.....acres...	85,000	33,000	21,000	11,000	1,000	31,000	19,000	1,000	...	...
12	Surface water sources.....acres...	136,000	104,000	66,000	30,000	8,000	2,000	3,000	2,000	3,000	1,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959										
13	Total entering conveyance systems in basin.....organizations...	260	52	4	15	33	15	7	19	28	20
14	acre-feet...	812,223	723,780	387,359	301,522	34,899	3,700	7,313	7,418	6,883	13,022
15	From another drainage basin.....organizations...	...	1	...	...	1	...	...	...	...	...
16	acre-feet...	...	7,500	...	...	7,500	...	...	...	...	...
17	From drainage basin number.....D. B. No....	...	...	...	...	IV-F-1	...	...	...	...	...
18	From natural sources within basin...organizations...	255	49	4	14	31	15	7	19	28	20
19	acre-feet...	812,223	716,280	387,359	301,522	27,399	3,700	7,313	7,418	6,883	13,022
20	Surface water.....organizations...	250	48	3	14	31	15	5	17	28	20
21	acre-feet...	781,068	688,260	386,039	275,022	27,199	3,700	5,940	6,649	6,070	13,022
22	Ground water.....organizations...	16	3	1	1	1	...	3	3	6	...
23	acre-feet...	31,155	28,020	1,320	26,500	200	...	1,373	769	813	...
24	*From other organizations in the basin.....organizations receiving...*	11	8	...	7	1	...	...	...	...	...
25	*acre-feet...*	34,212	32,075	...	31,275	800	...	...	...	...	...
26	Total leaving conveyance systems.....organizations...	260	52	4	15	33	15	7	19	28	20
27	acre-feet...	812,223	723,780	387,359	301,522	34,899	3,700	7,313	7,418	6,883	13,022
28	Conveyance loss in basin.....organizations...	242	49	4	15	30	15	7	19	27	17
29	acre-feet...	318,221	301,476	176,140	118,802	6,534	631	1,521	1,438	1,131	696
30	Conveyed to another drainage basin..organizations...	1	...	...	...	...	...	...	...	...	1
31	acre-feet...	480	...	...	...	...	...	...	...	...	7,500
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...	IV-E-1
33	Delivered for use in the basin.....organizations...	259	52	4	15	33	15	7	19	28	19
34	acre-feet...	493,522	422,304	211,219	182,720	28,365	3,069	5,792	5,980	5,752	4,826
35	To farm irrigation water users...organizations...	258	52	4	15	33	15	7	19	28	19
36	acre-feet...	488,556	418,665	209,670	181,680	27,315	3,069	5,241	5,980	5,687	4,826
37	To residential water users.....organizations...	44	19	1	8	10	...	3	...	2	...
38	acre-feet...	4,630	3,303	1,549	1,040	714	...	551	...	65	...
39	For other use.....organizations...	1	1	...	...	1	...	...	...	...	...
40	acre-feet...	336	336	...	...	336	...	...	...	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	5	2	...	1	1	...	...	...	...	...
42	*acre-feet...*	34,212	32,075	...	31,275	800	...	...	...	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	2.4	2.6	2.4	3.2	1.5	2.1	1.8	1.5	2.2	3.2
	NEW CAPITAL INVESTMENT, 1950-1959										
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	123	19	...	3	16	3	1	8	20	4
45	dollars...	11,407,065	10,627,499	...	10,584,300	43,199	6,200	18,000	15,325	39,288	1,095

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

Rio Grande above Fort Quitman, Texas (V-C)—Continued					Mississippi River	Mississippi River, excluding Arkansas River and Red River direct below Lake Texhoma	Arkansas River (VI-B)								
								Canadian River						Cimarron River	Purgatoire River
										Mora River			Cimarron River		
Rio Chama	Embudo River	Rio Pueblo de Taos	Costilla Creek	San Antonio and Conejos Rivers			Total	Total	Canadian River direct	Total	Direct	Sapello Creek			
(7)	(8)	(9)	(10)	(11)		(VI-A)			(2a, b)		(2c)	(2d)	(2e)	(3)	(6)	
13,000	3,000	4,000	2,000	...	77,000	2,000	75,000	71,000	49,000	7,000	7,000	...	15,000	4,000	...	1
17,986	6,421	11,061	2,304	293	70,454	...	70,454	65,169	30,705	14,079	11,583	2,496	20,385	5,285	...	2
48	35	27	11	...	67	...	67	67	8	58	44	14	4	...	...	3
113	43	25	9	4	84	...	84	84	7	72	51	21	6	...	...	4
11,487	15,099	12,431	2,365	...	81,171	...	81,171	81,171	57,551	17,280	15,897	1,383	6,340	...	...	5
10,848	11,537	7,738	1,895	...	62,649	...	62,649	62,649	46,918	11,646	10,595	1,051	4,085	...	...	6
861	1,165	1,576	169	...	1,422	...	1,422	1,422	507	891	785	106	24	...	...	7
674	1,105	1,190	151	...	1,301	...	1,301	1,301	507	770	680	90	24	...	...	8
187	60	386	18	...	120	...	120	120	...	120	104	16	...	...	...	9
...	...	...	...	...	1	...	1	1	...	1	1	...	...	...	...	10
1,000	...	...	...	...	13,000	2,000	11,000	10,000	10,000	...	...	...	...	1,000	...	11
12,000	3,000	4,000	2,000	...	64,000	...	64,000	61,000	39,000	7,000	7,000	...	15,000	3,000	...	12
47	35	27	11	...	67	...	67	67	8	58	44	14	4	...	...	13
25,700	17,803	10,493	3,161	...	153,139	...	153,139	153,139	120,974	23,772	22,279	1,925	12,317	...	...	14
...	...	...	...	...	1	...	1	1	1	1	1	1	1	...	...	15
...	...	...	...	...	480	...	480	480	3,721	480	480	432	203	...	...	16
...	...	...	...	...	...	...	...	...	...	...	V-C-9	VI-B-2c	VI-B-2b	...	...	17
47	33	26	11	...	66	...	66	66	7	56	43	13	3	...	...	18
25,700	17,803	10,943	3,161	...	152,659	...	152,659	152,659	117,253	23,292	21,799	1,493	12,114	...	...	19
47	33	26	11	...	66	...	66	66	7	56	43	13	3	...	...	20
25,520	17,803	10,943	3,161	...	152,659	...	152,659	152,659	117,253	23,292	21,799	1,493	12,114	...	...	21
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22
180	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23
...	2	1	...	...	4	...	4	4	...	4	4	...	...	...	...	24
...	1,437	700	...	...	1,243	...	1,243	1,243	...	1,243	1,243	...	...	...	...	25
47	35	27	11	...	67	...	67	67	8	58	44	14	4	...	...	26
25,700	17,803	10,493	3,161	...	153,139	...	153,139	153,139	120,974	23,772	22,279	1,925	12,317	...	...	27
41	33	23	11	...	66	...	66	66	8	57	43	14	4	...	...	28
5,776	3,523	1,608	421	...	62,435	...	62,435	62,435	55,651	4,679	4,414	265	2,105	...	...	29
...	...	1	...	...	...	...	...	...	1	...	1	...	1	...	...	30
...	...	480	...	...	...	...	...	...	203	...	432	...	3,721	...	...	31
...	...	V-C-11	...	...	...	...	...	...	...	...	VI-B-2d	...	VI-B-2b	...	...	32
47	35	26	11	...	67	...	67	67	8	57	44	14	4	...	...	33
19,924	14,280	8,855	2,740	...	90,704	...	90,704	90,704	65,120	19,033	17,433	1,660	6,491	...	...	34
47	35	26	10	...	67	...	67	67	8	57	44	14	4	...	...	35
19,818	14,147	8,406	2,717	...	89,100	...	89,100	89,100	65,120	17,489	15,847	1,642	6,491	...	...	36
6	5	7	2	...	13	...	13	13	...	13	10	3	...	...	...	37
106	133	449	23	...	704	...	704	704	...	704	686	18	...	...	...	38
...	...	...	...	...	1	...	1	1	...	1	1	...	...	...	...	39
...	...	...	...	...	900	...	900	900	...	900	900	...	...	...	...	40
...	2	1	...	...	4	...	4	4	...	4	4	...	...	...	...	41
...	1,437	700	...	...	1,243	...	1,243	1,243	...	1,243	1,243	...	...	...	...	42
1.8	1.2	1.1	1.4	...	1.4	...	1.4	1.4	1.4	1.5	1.4	1.5	1.6	...	...	43
30	18	14	7	...	29	...	29	29	5	25	21	4	2	...	...	44
671,402	18,700	6,906	2,650	...	615,656	...	615,656	615,656	583,370	30,416	28,656	1,760	1,870	...	...	45

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)		New Mexico, total	Colorado River above Lees Ferry excluding Green and Gunnison Rivers (IV-D)	Rio Grande below Fort Quitman (V-B)	Rio Grande above Fort Quitman, Texas (V-C)	Arkansas River (VI-B)
1	Irrigation organizations, total number	organizations 1959	447	39	58	260	67
2		1949	620	59	71	379	84
3	Area irrigated as reported by organizations	acres 1959	366,086	33,926	52,245	204,222	62,649
4		1949	384,210	37,398	55,673	223,368	57,140
5	Farm water users served directly	water users 1959	20,828	1,501	1,742	15,933	1,301
6	Total water conveyed	acre-feet 1959	1,459,604	209,765	190,224	846,435	154,382
	TYPE OF ORGANIZATION						
	Mutual:						
7	Unincorporated	organizations 1959	363	20	45	215	60
8		1949	485	32	55	314	58
9	Farm area irrigated directly	acres 1959	100,758	14,271	8,206	50,621	14,616
10	Farm water users served directly	water users 1959	8,147	507	973	5,539	777
11	Total water conveyed	acre-feet 1959	319,777	79,979	26,269	122,826	31,905
12	Incorporated	organizations 1959	57	5	8	39	5
13		1949	80	4	11	42	25
14	Farm area irrigated directly	acres 1959	33,680	3,829	(D)	14,785	(D)
15	Farm water users served directly	water users 1959	1,709	209	(D)	1,254	(D)
16	Total water conveyed	acre-feet 1959	68,692	12,573	(D)	29,709	(D)
17	District	organizations 1959	11	3	2	4	2
18		1949	7	1	2	3	...
19	Farm area irrigated directly	acres 1959	(D)	9,500	(D)	6,491	(D)
20	Farm water users served directly	water users 1959	(D)	276	(D)	1,590	(D)
21	Total water conveyed	acre-feet 1959	(D)	40,005	(D)	10,913	(D)
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau	organizations 1959	3	...	1	2	...
23		1949	3	...	1	1	1
24	Farm area irrigated directly	acres 1959	132,325	...	...	132,325	...
25	Farm water users served directly	water users 1959	7,550	...	...	7,550	...
26	Total water conveyed	acre-feet 1959	682,987	...	...	682,987	...
27	*U. S. Bureau of Reclamation; operated by water users*	*organizations 1959*	4	...	2	...	2
28		*1949*	...	...	...	...	...
29	Farm area irrigated directly	acres 1959	67,594	...	(D)	...	(D)
30	Farm water users served directly	water users 1959	879	...	(D)	...	(D)
31	Total water conveyed	acre-feet 1959	227,060	...	(D)	...	(D)
32	U. S. Bureau of Indian Affairs	organizations 1959	12	11	1	...	...
33		1949	42	22	1	17	...
34	Farm area irrigated directly	acres 1959	6,712	6,326	386	...	...
35	Farm water users served directly	water users 1959	570	509	61	...	...
36	Total water conveyed	acre-feet 1959	79,170	77,208	1,962	...	...
37	Commercial	organizations 1959	1	...	1	...	...
38		1949	1	...	1	...	...
39	Farm area irrigated directly	acres 1959	(D)	...	(D)	...	...
40	Farm water users served directly	water users 1959	(D)	...	(D)	...	...
41	Total water conveyed	acre-feet 1959	(D)	...	(D)	...	...
42	State	organizations 1959	...	...	...	...	...
43		1949	...	...	...	...	...
44	Farm area irrigated directly	acres 1959	...	...	...	...	...
45	Farm water users served directly	water users 1959	...	...	...	...	...
46	Total water conveyed	acre-feet 1959	...	...	...	...	...
47	City	organizations 1959	...	...	...	...	...
48		1949	2	...	...	2	...
49	Farm area irrigated directly	acres 1959	...	...	...	...	...
50	Farm water users served directly	water users 1959	...	...	...	...	...
51	Total water conveyed	acre-feet 1959	...	...	...	...	...

D Data not shown to avoid disclosure of information for individual organizations.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	New Mexico, total	Colorado River above Lees Ferry excluding Green and Gunnison Rivers (IV-D)	Rio Grande below Fort Quitman (V-B)	Rio Grande above Fort Quitman, Texas (V-C)	Arkansas River (VI-B)
	TYPE OF SERVICE, 1959					
1	All water directly from surface and ground water sources.....organizations...	428	38	55	249	63
2	Total water conveyed.....acre-feet...	1,419,407	205,914	189,306	815,463	149,926
3	Water delivered.....acre-feet...	932,369	147,359	138,522	509,888	87,431
4	To farm and residential users only.....organizations...	416	36	53	243	60
5	acre-feet...	708,823	131,949	132,517	309,483	85,705
6	To farm and residential users and other irrigation organizations.....organizations...	12	2	2	6	3
7	Water to farm and residential users.....acre-feet...	184,379	11,559	5,340	166,193	1,287
8	Water to other irrigation organizations.....acre-feet...	39,167	3,851	665	34,212	439
9	To other irrigation organizations only.....organizations...	...	...	...	...	...
10	acre-feet...	...	...	...	...	...
11	Part of water from other organizations.....organizations...	11	...	1	6	4
12	Total water conveyed.....acre-feet...	33,004	...	618	27,930	4,456
13	From surface and ground water sources.....acre-feet...	226	...	253	[1]-3,240	3,213
14	From other irrigation organizations.....acre-feet...	32,778	...	365	31,170	1,243
15	Water delivered.....acre-feet...	19,064	...	548	14,900	3,616
16	To farm and residential users only.....organizations...	10	...	1	6	3
17	acre-feet...	16,580	...	548	14,900	1,132
18	To farm and residential users and other irrigation organizations.....organizations...	1	...	...	...	1
19	Water to farm and residential users.....acre-feet...	1,680	...	...	...	1,680
20	Water to other irrigation organizations.....acre-feet...	804	...	...	...	804
21	To other irrigation organizations only.....organizations...	...	...	...	...	...
22	acre-feet...	...	...	...	...	...
23	All of water from other organizations.....organizations...	7	1	1	5	...
24	Total water conveyed.....acre-feet...	7,193	3,851	300	3,042	...
25	Water delivered.....acre-feet...	5,000	2,100	290	2,610	...
26	To farm and residential users only.....organizations...	7	1	1	5	...
27	acre-feet...	5,000	2,100	290	2,610	...
28	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...
29	Water to farm residential users.....acre-feet...	...	...	...	...	...
30	Water to other irrigation organizations.....acre-feet...	...	...	...	...	...
31	To other irrigation organizations only.....organizations...	...	...	...	...	...
32	acre-feet...	...	...	...	...	...
33	No water conveyed.....organizations...	1	...	1	...	...
	WATER FROM OTHER SOURCES					
34	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	440	39	55	258	66
35	acres served...	441,358	55,099	38,720	255,256	80,821
36	acres irrigated...	350,653	42,229	31,843	202,509	62,399
37	Water delivered to farms.....acre-feet...	845,675	160,927	67,108	485,943	88,703
38	acre-feet per acre...	2.4	3.8	2.1	2.4	1.4
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	6	...	2	2	1
40	acres served...	32,543	...	26,855	2,588	350
41	acres irrigated...	25,490	...	20,402	2,088	250
42	Water delivered to farms.....acre-feet...	81,992	...	71,396	2,960	397
43	acre-feet per acre...	3.2	...	3.5	1.4	1.6

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	New Mexico, total	Colorado River above Lees Ferry excluding Green and Gunnison Rivers (IV-D)	Rio Grande below Fort Quitman (V-B)	Rio Grande above Fort Quitman, Texas (V-C)	Arkansas River (VI-B)
	WATER DELIVERED PER ACRE					
	Organizations reporting NO water from other sources used on same land:					
1	0.1 to 0.9 acre-feet per acre.....organizations...	45	...	2	30	11
2	acres irrigated...	23,989	...	820	13,607	4,916
3	1.0 to 1.9 acre-feet per acre.....organizations...	158	11	17	97	32
4	acres irrigated...	105,215	5,263	9,533	33,428	55,491
5	2.0 to 2.9 acre-feet per acre.....organizations...	119	11	15	79	13
6	acres irrigated...	132,612	10,354	18,548	102,305	1,385
7	3.0 to 3.9 acre-feet per acre.....organizations...	72	9	13	44	2
8	acres irrigated...	22,802	14,824	1,525	5,239	109
9	4.0 to 4.9 acre-feet per acre.....organizations...	24	3	5	6	3
10	acres irrigated...	56,189	5,558	792	47,684	315
11	5.0 to 5.9 acre-feet per acre.....organizations...	5	...	...	1	2
12	acres irrigated...	469	...	...	210	69
13	6.0 to 6.9 acre-feet per acre.....organizations...	3	...	...	1	1
14	acres irrigated...	240	...	...	36	4
15	7.0 to 7.9 acre-feet per acre.....organizations...	3	...	1	...	2
16	acres irrigated...	490	...	380	...	110
17	8.0 to 9.9 acre-feet per acre.....organizations...	3	3	...	...	...
18	acres irrigated...	2,530	2,530	...	...	...
19	10.0 or more acre-feet per acre.....organizations...	8	2	2	...	...
20	acres irrigated...	6,117	3,700	245	...	...
	SIZE OF ORGANIZATION					
	Size of organization (number of farm irrigation water users served directly):					
21	None.....organizations...	2	...	1	1	...
22	1 to 3.....organizations...	61	7	9	24	15
23	water users...	148	16	20	60	36
24	4 to 9.....organizations...	88	6	13	53	11
25	water users...	504	31	80	306	63
26	10 to 29.....organizations...	162	13	17	87	33
27	water users...	2,607	220	301	1,385	545
28	30 to 99.....organizations...	107	7	15	77	7
29	water users...	4,979	323	775	3,551	291
30	100 to 299.....organizations...	21	5	3	13	...
31	water users...	2,813	616	566	1,631	...
32	300 to 999.....organizations...	3	1	...	...	1
33	water users...	1,107	393	...	...	366
34	1,000 or more.....organizations...	3	...	...	3	...
35	water users...	9,050	...	...	9,050	...
	Size of organization (acre-feet of water delivered directly to farms):					
36	None.....organizations...	2	...	1	1	...
37	1 to 299 acre-feet.....organizations...	222	9	28	146	35
38	acre-feet...	26,975	875	3,480	17,861	4,269
39	300 to 999 acre-feet.....organizations...	137	9	16	82	24
40	acre-feet...	69,897	4,687	7,709	42,683	10,704
41	1,000 to 2,999 acre-feet.....organizations...	54	9	8	26	4
42	acre-feet...	86,432	15,457	14,056	40,233	5,573
43	3,000 to 9,999 acre-feet.....organizations...	21	8	2	3	3
44	acre-feet...	102,539	36,861	8,000	16,975	16,573
45	10,000 to 29,999 acre-feet.....organizations...	6	3	2	...	...
46	acre-feet...	108,471	64,150	33,935	...	...
47	30,000 to 99,999 acre-feet.....organizations...	3	1	1	...	1
48	acre-feet...	162,202	38,897	71,324	...	51,981
49	100,000 or more acre-feet.....organizations...	2	...	...	2	...
50	acre-feet...	371,151	...	...	371,151	...
	Size of organization (acre-feet of water conveyed):					
51	None.....organizations...	1	...	1	...	...
52	1 to 299 acre-feet.....organizations...	201	7	25	135	30
53	acre-feet...	25,807	450	3,318	17,453	3,961
54	300 to 999 acre-feet.....organizations...	134	9	17	79	25
55	acre-feet...	68,620	4,334	8,706	41,200	11,833
56	1,000 to 2,999 acre-feet.....organizations...	68	9	8	35	7
57	acre-feet...	110,878	16,731	12,632	55,915	10,077
58	3,000 to 9,999 acre-feet.....organizations...	27	8	4	8	3
59	acre-feet...	137,085	43,371	21,019	38,480	15,000
60	10,000 to 29,999 acre-feet.....organizations...	9	4	1	1	1
61	acre-feet...	152,898	92,352	16,594	10,400	10,765
62	30,000 to 99,999 acre-feet.....organizations...	4	2	2	...	...
63	acre-feet...	234,173	106,218	127,955	...	...
64	100,000 or more acre-feet.....organizations...	3	...	...	2	1
65	acre-feet...	785,733	...	...	682,987	102,746

State Table 3.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	New Mexico, total	Arkansas River (VI-B)	Rio Grande below Fort Quitman, Texas (V-B)	Colorado River above Lees Ferry excluding Green and Gunnison Rivers (IV-D)	Rio Grande above Fort Quitman, Texas (V-C)	Mississippi River excluding Arkansas River and Red River direct below Lake Texhoma (VI-A)
1	Total acres irrigated.....farms reporting...	8,850	663	1,521	517	4,723	7
2	acres...	731,835	75,219	181,266	24,954	220,383	2,000
3	Acres irrigated by sprinklers.....farms reporting...	158	20	14	...	49	...
4	acres...	18,988	1,484	572	...	3,156	...
5	Sprinklers only.....farms reporting...	85	10	5	...	24	...
6	acres...	12,754	946	282	...	1,897	...
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959						
7	Ground water sources on farm.....farms reporting...	3,357	77	814	3	1,173	7
8	acres...	439,163	11,677	128,338	118	79,982	2,000
9	Ground water sources on farm only.farms reporting...	2,507	68	648	3	538	7
10	acres...	392,498	11,413	107,160	118	57.053	2,000
11	Surface sources on farm.....farms reporting...	1,282	231	192	10	779	...
12	acres...	56,635	18,244	15,825	348	17,640	...
13	Surface sources on farm only.....farms reporting...	1,136	223	137	7	707	...
14	acres...	40,627	16,563	7,204	292	12,320	...
15	Irrigation organization sources.....farms reporting...	5,100	364	691	507	3,429	...
16	acres...	236,037	45,298	37,103	24,488	122,761	...
17	Irrigation organization sources only.....farms reporting...	4,321	361	565	504	2,819	...
18	acres...	165,639	44,675	23,321	24,435	69,958	...
19	Both farm ground water sources and surface sources.....farms reporting...	104	7	45	...	47	...
20	acres...	23,084	1,537	15,598	...	4,868	...
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	782	4	126	3	612	...
22	acres...	109,987	1,031	27,983	109	76,184	...

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	New Mexico, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	447	363	57	11	3	4	13
1949...	620	485	80	7	3	...	45
Service area, 1959:							
Area served, as reported by organizations.....acres...	462,200	138,647	45,757	(D)	157,620	80,286	(D)
Area irrigated, as reported by organizations.....acres...	366,086	100,758	33,680	(D)	132,325	67,594	(D)
Water users served, 1959, total.....water users...	23,768	10,053	1,943	(D)	8,189	881	(D)
Farm irrigation water users:.....water users...	20,828	8,147	1,709	(D)	7,550	879	(D)
Residential water users.....water users...	2,910	1,885	230	(D)	639	...	...
Other water users.....water users...	30	21	4	(D)	...	2	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	428	345	57	11	2	4	13
Total water conveyed.....acre-feet...	1,419,407	279,580	68,692	(D)	682,987	227,060	(D)
Water delivered.....acre-feet...	932,369	210,514	53,609	(D)	403,975	145,740	(D)
To farm and residential users only.....organizations...	416	337	54	11	1	4	13
acre-feet...	708,823	189,982	45,020	(D)	209,550	145,740	(D)
To farm and residential users and other irrigation organizations.....organizations...	12	8	3	...	1	...	...
Water to farm and residential users.....acre-feet...	184,379	13,740	7,489	...	163,150	...	...
Water to other irrigation organizations.....acre-feet...	39,167	6,792	1,100	...	31,275	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	11	11	...	...	...	...	...
Total water conveyed.....acre-feet...	33,004	33,004	...	...	...	...	...
From surface and ground water sources.....acre-feet...	226	226	...	...	...	...	...
From other irrigation organizations.....acre-feet...	32,778	32,778	...	...	...	...	...
Water delivered.....acre-feet...	19,064	19,064	...	...	...	...	...
To farm and residential users only.....organizations...	10	10	...	...	...	...	...
acre-feet...	16,580	16,580	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	1	1	...	...	...	...	...
Water to farm and residential users.....acre-feet...	1,680	1,680	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	804	804	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	7	7	...	...	...	...	...
Total water conveyed.....acre-feet...	7,193	7,193	...	...	...	...	...
Water delivered.....acre-feet...	5,000	5,000	...	...	...	...	...
To farm and residential users only.....organizations...	7	7	...	...	...	...	...
acre-feet...	5,000	5,000	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	1	...	...	...	1	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	440	360	55	10	2	3	13
acres served...	441,358	137,316	51,301	(D)	157,620	55,220	(D)
acres irrigated...	350,653	99,527	39,160	(D)	132,325	47,912	(D)
water delivered to farms (acre-feet)...	845,675	208,013	74,270	(D)	371,151	27,633	(D)
acre-feet per acre...	2.4	2.1	1.9	1.8	2.8	0.6	5.1
Organizations reporting water from other sources used on land served by the organization.....organizations...	6	3	2	1	...	1	...
acres served...	32,543	3,188	4,300	(D)	...	25,055	...
acres irrigated...	25,490	3,088	2,720	(D)	...	19,682	...
water delivered to farms (acre-feet)...	81,992	7,868	2,800	(D)	...	71,324	...
acre-feet per acre...	3.2	2.5	1.0	3.6	...	3.6	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	212	167	34	8	2	3	1
By U. S. B. R.....dollars...	12,772,740	...	...	(D)	12,203,000	569,740	...
By water users organizations.....dollars...	893,522	407,373	324,052	(D)	...	105,872	(D)

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	New Mexico, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	446	363	57	11	2	4	13
acre-feet...	1,419,633	279,806	68,692	(D)	682,987	227,060	(D)
From another drainage basin.....organizations...	2	1	1	...	...	...	...
acre-feet...	1,903	242	1,661	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	437	355	56	11	2	4	13
acre-feet...	1,417,730	279,564	67,031	(D)	682,987	227,060	(D)
Surface water.....organizations...	428	350	54	11	2	4	11
acre-feet...	1,372,752	274,584	65,949	(D)	656,487	227,060	(D)
Ground water.....organizations...	26	16	6	...	1	...	3
acre-feet...	44,978	4,980	1,082	...	26,500	...	(D)
From other organizations in the basin.....organizations receiving...	18	18	...	...	...	...	...
acre-feet...	39,971	39,971	...	...	...	...	...
Total leaving conveyance systems.....organizations...	446	363	57	11	2	4	13
acre-feet...	1,419,633	312,181	67,592	(D)	651,712	227,060	(D)
Conveyance loss in basin.....organizations...	423	349	52	9	2	4	11
acre-feet...	492,142	78,216	12,480	(D)	279,012	80,327	(D)
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	446	363	57	11	2	4	13
acre-feet...	927,491	233,965	55,112	(D)	372,700	146,733	(D)
To farm irrigation water users.....organizations...	445	362	57	11	2	4	13
acre-feet...	900,617	214,082	51,819	(D)	371,151	145,740	(D)
To domestic water users.....organizations...	76	63	9	3	1	...	...
acre-feet...	15,845	12,900	690	(D)	1,549	...	...
For other use.....organizations...	13	8	3	2	...	...	...
acre-feet...	11,029	6,983	2,603	(D)	...	993	...
Delivered to other irrigation organizations.....organizations delivering...	12	9	2	...	1	...	...
acre-feet...	39,971	7,596	1,100	...	31,275	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	11	9	1	(D)	1	...	(D)
1 to 3 water users.....organizations...	61	56	2	(D)	...	...	(D)
4 to 9 water users.....organizations...	88	75	10	(D)	...	...	(D)
10 to 29 water users.....organizations...	153	130	19	(D)	...	...	(D)
30 to 99 water users.....organizations...	107	78	22	(D)	...	1	(D)
100 to 299 water users.....organizations...	21	14	3	(D)	...	2	(D)
300 to 999 water users.....organizations...	3	1	...	(D)	...	1	(D)
1,000 or more water users.....organizations...	3	...	...	(D)	2	...	(D)
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	2	1	...	(D)	1	...	(D)
1 to 299 acre-feet.....organizations...	222	194	20	(D)	...	...	(D)
300 to 999 acre-feet.....organizations...	137	115	20	(D)	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	54	37	13	(D)	...	...	(D)
3,000 to 9,999 acre-feet.....organizations...	21	15	3	(D)	...	1	(D)
10,000 to 29,999 acre-feet.....organizations...	6	1	2	(D)	...	1	(D)
30,000 to 99,999 acre-feet.....organizations...	3	...	...	(D)	...	2	(D)
100,000 or more acre-feet.....organizations...	2	...	...	(D)	2	...	(D)
Size of organization (acre-feet of water conveyed):							
None.....organizations...	1	...	...	(D)	1	...	(D)
1 to 299 acre-feet.....organizations...	201	175	19	(D)	...	...	(D)
300 to 999 acre-feet.....organizations...	134	114	18	(D)	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	68	50	14	(D)	...	...	(D)
3,000 to 9,999 acre-feet.....organizations...	27	19	5	(D)	...	...	(D)
10,000 to 29,999 acre-feet.....organizations...	9	5	...	(D)	...	2	(D)
30,000 to 99,999 acre-feet.....organizations...	4	...	1	(D)	...	1	(D)
100,000 or more acre-feet.....organizations...	3	...	...	(D)	2	1	(D)

D Data not shown to avoid disclosure of information for individual organizations.

State Table 4.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Con.

Item (For definitions and explanations, see text)	Colorado River above Lees Ferry excluding Green and Gunnison Rivers (IV-D)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	39	20	5	3	...	...	11
1949...	59	32	4	1	...	...	22
Service area, 1959:							
Area served, as reported by organizations.....acres...	45,152	16,907	4,683	10,750	...	...	12,812
Area irrigated, as reported by organizations.....acres...	33,926	14,271	3,829	9,500	...	...	6,326
Water users served, 1959, total.....water users...	2,106	952	214	431	...	...	509
Farm irrigation water users.....water users...	1,501	507	209	276	...	...	509
Residential water users.....water users...	583	428	3	152	...	...	...
Other water users.....water users...	22	17	2	3	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	38	19	5	3	...	...	11
Total water conveyed.....acre-feet...	205,914	76,128	12,573	40,005	...	...	77,208
Water delivered.....acre-feet...	147,359	48,993	9,939	28,900	...	...	59,527
To farm and residential users only.....organizations...	36	18	4	3	...	...	11
acre-feet...	131,949	34,912	8,610	28,900	...	...	59,527
To farm and residential users and other irrigation organizations.....organizations...	2	1	1	...	...	...	...
Water to farm and residential users.....acre-feet...	11,559	10,230	1,329	...	...	...	...
Water to other irrigation organizations.....acre-feet...	3,851	3,851	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
From surface and ground water sources.....acre-feet...	...	...	...	...	...	...	...
From other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	1	1	...	...	...	...	...
Total water conveyed.....acre-feet...	3,851	3,851	...	...	...	...	...
Water delivered.....acre-feet...	2,100	2,100	...	...	...	...	...
To farm and residential users only.....organizations...	1	1	...	...	...	...	...
acre-feet...	2,100	2,100	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	39	20	5	3	...	...	11
acres served...	55,099	17,010	14,527	10,750	...	...	12,812
acres irrigated...	42,229	14,374	12,029	9,500	...	...	6,326
water delivered to farms (acre-feet)...	160,927	37,753	35,184	28,463	...	...	59,527
acre-feet per acre...	3.8	2.6	2.9	3.0	...	...	9.4
Organizations reporting water from other sources used on land served by the organization.....organizations...	...	...	...	...	...	...	...
acres served...	...	...	...	...	...	...	...
acres irrigated...	...	...	...	...	...	...	...
water delivered to farms (acre-feet)...	...	...	...	...	...	...	...
acre-feet per acre...	...	...	...	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	16	12	3	1	...	...	...
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	164,814	74,951	69,863	20,000	...	...	...

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Colorado River above Lees Ferry excluding Green and Gunnison Rivers (IV-D)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	39	20	5	3	...	...	11
acre-feet...	205,914	76,128	12,573	40,005	...	...	77,208
From another drainage basin.....organizations...	2	1	1	...	...	...	...
acre-feet...	1,903	242	1,661	...	...	...	...
From drainage basin...D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	36	18	4	3	...	...	11
acre-feet...	204,011	75,886	10,912	40,005	...	...	77,208
Surface water.....organizations...	34	18	4	3	...	...	9
acre-feet...	203,995	75,886	10,912	40,005	...	...	77,192
Ground water.....organizations...	2	...	...	...	...	...	2
acre-feet...	16	...	...	...	...	...	16
From other organizations in the basin.....organizations receiving...	1	1	...	...	...	...	...
acre-feet...	3,851	3,851	...	...	...	...	...
Total leaving conveyance systems.....organizations...	39	20	5	3	...	...	11
acre-feet...	205,914	76,128	12,573	40,005	...	...	77,208
Conveyance loss in basin.....organizations...	37	20	5	3	...	...	9
acre-feet...	53,439	23,589	1,514	10,655	...	...	17,681
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	39	20	5	3	...	...	11
acre-feet...	152,475	52,539	11,059	29,350	...	...	59,527
To farm irrigation water users.....organizations...	39	20	5	3	...	...	11
acre-feet...	135,396	37,473	9,933	28,463	...	...	59,527
To domestic water users.....organizations...	8	5	1	2	...	...	...
acre-feet...	10,212	9,769	6	437	...	...	...
For other use.....organizations...	6	4	1	1	...	...	...
acre-feet...	6,867	5,297	1,120	450	...	...	...
Delivered to other irrigation organizations.....organizations delivering...	1	1	...	...	...	...	...
acre-feet...	3,851	3,851	...	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	1	1	...	...	...	...	...
1 to 3 water users.....organizations...	7	4	...	...	...	...	3
4 to 9 water users.....organizations...	6	4	...	...	...	...	2
10 to 29 water users.....organizations...	12	7	2	...	...	...	3
30 to 99 water users.....organizations...	7	2	1	2	...	...	2
100 to 299 water users.....organizations...	5	2	2	1	...	...	...
300 to 999 water users.....organizations...	1	...	...	...	...	...	1
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	9	2	...	...	...	...	7
300 to 999 acre-feet.....organizations...	9	7	1	...	...	...	1
1,000 to 2,999 acre-feet.....organizations...	9	5	2	1	...	...	1
3,000 to 9,999 acre-feet.....organizations...	8	6	1	1	...	...	...
10,000 to 29,999 acre-feet.....organizations...	3	...	1	1	...	...	1
30,000 to 99,999 acre-feet.....organizations...	1	...	...	...	...	...	1
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	7	1	...	...	...	...	6
300 to 999 acre-feet.....organizations...	9	6	1	...	...	...	2
1,000 to 2,999 acre-feet.....organizations...	9	6	2	...	...	...	1
3,000 to 9,999 acre-feet.....organizations...	8	5	1	2	...	...	...
10,000 to 29,999 acre-feet.....organizations...	4	2	...	1	...	...	1
30,000 to 99,999 acre-feet.....organizations...	2	...	1	...	...	...	1
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Rio Grande below Fort Quitman (V-B)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	58	45	8	2	1	2	2
1949...	71	55	11	2	1	...	2
Service area, 1959:							
Area served, as reported by organizations.....acres...	65,575	11,507	(D)	(D)	...	(D)	(D)
Area irrigated, as reported by organizations.....acres...	52,245	8,206	(D)	(D)	...	(D)	(D)
Water users served, 1959, total.....water users...	1,821	1,031	(D)	(D)	...	(D)	(D)
Farm irrigation water users:.....water users...	1,742	973	(D)	(D)	...	(D)	(D)
Residential water users.....water users...	73	56	(D)	...	...	...	...
Other water users.....water users...	6	2	(D)	(D)	...	(D)	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	55	43	8	2	...	2	2
Total water conveyed.....acre-feet...	189,306	25,351	(D)	(D)	...	(D)	(D)
Water delivered.....acre-feet...	138,522	20,520	(D)	(D)	...	(D)	(D)
To farm and residential users only.....organizations...	53	42	7	2	...	2	2
acre-feet...	132,517	19,615	(D)	(D)	...	(D)	(D)
To farm and residential users and other irrigation organizations.....organizations...	2	1	1	...	...	...	...
Water to farm and residential users.....acre-feet...	5,340	540	(D)	...	...	...	...
Water to other irrigation organizations.....acre-feet...	665	365	(D)	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	1	1	...	...	...	...	...
Total water conveyed.....acre-feet...	618	618	...	...	...	...	...
From surface and ground water sources.....acre-feet...	253	253	...	...	...	...	...
From other irrigation organizations.....acre-feet...	365	365	...	...	...	...	...
Water delivered.....acre-feet...	548	548	...	...	...	...	...
To farm and residential users only.....organizations...	1	1	...	...	...	...	...
acre-feet...	548	548	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	1	1	...	...	...	...	...
Total water conveyed.....acre-feet...	300	300	...	...	...	...	...
Water delivered.....acre-feet...	290	290	...	...	...	...	...
To farm and residential users only.....organizations...	1	1	...	...	...	...	...
acre-feet...	290	290	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	1	...	...	...	1	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	55	45	7	1	...	...	2
acres served...	38,720	11,507	(D)	(D)	...	...	(D)
acres irrigated...	31,843	8,206	(D)	(D)	...	...	(D)
water delivered to farms (acre-feet)...	67,108	20,837	(D)	(D)	...	...	(D)
acre-feet per acre...	2.1	2.5	1.3	2.5	...	...	2.2
Organizations reporting water from other sources used on land served by the organization.....organizations...	2	...	1	1	...	...	...
acres served...	26,855	...	(D)	(D)	...	...	...
acres irrigated...	20,402	...	(D)	(D)	...	...	...
water delivered to farms (acre-feet)...	71,396	...	(D)	(D)	...	...	...
acre-feet per acre...	3.5	...	0.1	3.6	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	34	24	6	2	1	2	1
By U. S. B. R.....dollars...	1,008,000	...	...	...	1,008,000	...	...
By water users organizations.....dollars...	373,697	61,824	(D)	(D)	...	(D)	(D)

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Rio Grande below Fort Quitman (V-B)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	57	45	8	2	...	2	2
acre-feet...	189,559	25,604	(D)	(D)	...	(D)	(D)
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	56	44	8	2	...	2	2
acre-feet...	189,559	25,604	(D)	(D)	...	(D)	(D)
Surface water.....organizations...	54	44	6	2	...	2	2
acre-feet...	176,649	25,604	(D)	(D)	...	(D)	(D)
Ground water.....organizations...	3	...	2	...	...	...	1
acre-feet...	12,910	...	(D)	...	...	...	(D)
From other organizations in the basin.....organizations receiving...	2	2	...	...	...	...	...
acre-feet...	665	665	...	...	...	...	...
Total leaving conveyance systems.....organizations...	57	45	8	2	...	2	2
acre-feet...	189,559	25,904	(D)	(D)	...	(D)	(D)
Conveyance loss in basin.....organizations...	54	45	5	2	...	2	2
acre-feet...	47,938	4,461	(D)	(D)	...	(D)	(D)
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	57	45	8	2	...	2	2
acre-feet...	141,621	21,443	(D)	(D)	...	(D)	(D)
To farm irrigation water users.....organizations...	57	45	8	2	...	2	2
acre-feet...	138,504	20,837	(D)	(D)	...	(D)	(D)
To domestic water users.....organizations...	8	7	1	...	...	...	...
acre-feet...	191	156	(D)	...	...	...	...
For other use.....organizations...	5	2	2	1	...	1	...
acre-feet...	2,926	450	(D)	(D)	...	(D)	...
Delivered to other irrigation organizations..... organizations delivering...	2	1	1	...	...	...	...
acre-feet...	665	365	(D)	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	1	...	(D)	(D)	1	(D)	(D)
1 to 3 water users.....organizations...	9	8	(D)	(D)	...	(D)	(D)
4 to 9 water users.....organizations...	13	10	(D)	(D)	...	(D)	(D)
10 to 29 water users.....organizations...	17	15	(D)	(D)	...	(D)	(D)
30 to 99 water users.....organizations...	15	12	(D)	(D)	...	(D)	(D)
100 to 299 water users.....organizations...	3	...	(D)	(D)	...	(D)	(D)
300 to 999 water users.....organizations...	...	...	...	...	...	(D)	...
1,000 or more water users.....organizations...	...	...	...	...	...	(D)	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	1	...	(D)	(D)	1	(D)	(D)
1 to 299 acre-feet.....organizations...	28	25	(D)	(D)	...	(D)	(D)
300 to 999 acre-feet.....organizations...	16	14	(D)	(D)	...	(D)	(D)
1,000 to 2,999 acre-feet.....organizations...	8	5	(D)	(D)	...	(D)	(D)
3,000 to 9,999 acre-feet.....organizations...	2	1	(D)	(D)	...	(D)	(D)
10,000 to 29,999 acre-feet.....organizations...	2	...	...	(D)	...	(D)	(D)
30,000 to 99,999 acre-feet.....organizations...	1	...	...	(D)	...	(D)	(D)
100,000 or more acre-feet.....organizations...	...	...	...	...	...	(D)	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	1	...	(D)	(D)	1	(D)	(D)
1 to 299 acre-feet.....organizations...	25	22	(D)	(D)	...	(D)	(D)
300 to 999 acre-feet.....organizations...	17	15	(D)	(D)	...	(D)	(D)
1,000 to 2,999 acre-feet.....organizations...	8	6	(D)	(D)	...	(D)	(D)
3,000 to 9,999 acre-feet.....organizations...	4	2	(D)	(D)	...	(D)	(D)
10,000 to 29,999 acre-feet.....organizations...	1	...	...	(D)	...	(D)	(D)
30,000 to 99,999 acre-feet.....organizations...	2	...	...	(D)	...	(D)	(D)
100,000 or more acre-feet.....organizations...	...	...	...	...	...	(D)	...

D Data not shown to avoid disclosure of information for individual organizations.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Rio Grande above Fort Quitman, Texas (V-C)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	260	215	39	4	2	...	...
1949...	379	314	42	3	1	...	19
Service area, 1959:							
Area served, as reported by organizations.....acres...	257,094	74,751	18,021	6,702	157,620	...	...
Area irrigated, as reported by organizations.....acres...	204,222	50,621	14,785	6,491	132,325	...	...
Water users served, 1959, total.....water users...	18,021	6,774	1,464	1,594	8,189	...	...
Farm irrigation water users.....water users...	15,933	5,539	1,254	1,590	7,550	...	...
Residential water users.....water users...	2,087	1,234	210	4	639	...	...
Other water users.....water users...	1	1	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	249	204	39	4	2	...	...
Total water conveyed.....acre-feet...	815,463	91,854	29,709	10,913	682,987	...	...
Water delivered.....acre-feet...	509,888	70,910	25,665	9,338	403,975	...	...
To farm and residential users only.....organizations...	243	200	38	4	1	...	...
acre-feet...	309,483	67,090	23,505	9,338	209,550	...	...
To farm and residential users and other irrigation organizations.....organizations...	6	4	1	...	1	...	...
Water to farm and residential users.....acre-feet...	166,193	1,683	1,360	...	163,150	...	...
Water to other irrigation organizations.....acre-feet...	34,212	2,137	800	...	31,275	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	6	6	...	...	...	...	...
Total water conveyed.....acre-feet...	27,930	27,930	...	...	...	...	...
From surface and ground water sources.....acre-feet...	[1]-3,240	[1]-3,240	...	...	...	...	...
From other irrigation organizations.....acre-feet...	31,170	31,170	...	...	...	...	...
Water delivered.....acre-feet...	14,900	14,900	...	...	...	...	...
To farm and residential users only.....organizations...	6	6	...	...	...	...	...
acre-feet...	14,900	14,900	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	5	5	...	...	...	...	...
Total water conveyed.....acre-feet...	3,042	3,042	...	...	...	...	...
Water delivered.....acre-feet...	2,610	2,610	...	...	...	...	...
To farm and residential users only.....organizations...	5	5	...	...	...	...	...
acre-feet...	2,610	2,610	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	258	214	38	4	2	...	...
acres served...	255,256	75,413	15,521	6,702	157,620	...	...
acres irrigated...	202,509	50,908	12,785	6,491	132,325	...	...
water delivered to farms (acre-feet)...	485,943	84,235	21,488	9,069	371,151	...	...
acre-feet per acre...	2.4	1.7	1.7	1.4	2.8	...	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	2	1	1	...	...	...	...
acres served...	2,588	88	2,500	...	...	...	...
acres irrigated...	2,088	88	2,000	...	...	...	...
water delivered to farms (acre-feet)...	2,960	232	2,728	...	...	...	...
acre-feet per acre...	1.4	2.6	1.4	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	123	96	22	4	1	...	...
By U. S. B. R.....dollars...	11,195,000	...	...	...	11,195,000	...	...
By water users organizations.....dollars...	212,065	140,707	55,133	16,225	...	...	...

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Rio Grande above Fort Quitman, Texas (V-C)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	260	215	39	4	2	...	...
acre-feet...	812,223	88,614	29,709	10,913	682,987	...	...
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin...,.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	255	210	39	4	2	...	...
acre-feet...	812,223	88,614	29,709	10,913	682,987	...	...
Surface water.....organizations...	250	205	39	4	2	...	...
acre-feet...	781,068	84,531	29,137	10,913	656,487	...	...
Ground water.....organizations...	16	11	4	...	1	...	...
acre-feet...	31,155	4,083	572	...	26,500	...	...
From other organizations in the basin.....organizations receiving...	11	11	...	...	...	...	...
acre-feet...	34,212	34,212	...	...	...	...	...
Total leaving conveyance systems.....organizations...	260	215	39	4	2	...	...
acre-feet...	812,223	120,689	28,909	10,913	651,712	...	...
Conveyance loss in basin.....organizations...	242	201	37	2	2	...	...
acre-feet...	318,221	33,590	4,044	1,575	279,012	...	...
Conveyed to another drainage basin.....organizations...	1	1	...	...	...	...	...
acre-feet...	480	480	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	259	214	39	4	2	...	...
acre-feet...	493,522	86,619	24,865	9,338	372,700	...	...
To farm irrigation water users.....organizations...	258	213	39	4	2	...	...
acre-feet...	488,556	84,120	24,216	9,069	371,151	...	...
To domestic water users.....organizations...	44	35	7	1	1	...	...
acre-feet...	4,630	2,163	649	269	1,549	...	...
For other use.....organizations...	1	1	...	...	...	...	...
acre-feet...	336	336	...	...	...	...	...
Delivered to other irrigation organizations..... organizations delivering...	5	3	1	...	1	...	...
acre-feet...	34,212	2,137	800	...	31,275	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	8	7	1	...	...	...	...
1 to 3 water users.....organizations...	24	24	...	...	...	...	...
4 to 9 water users.....organizations...	53	45	7	1	...	...	...
10 to 29 water users.....organizations...	82	69	12	1	...	...	...
30 to 99 water users.....organizations...	77	58	18	1	...	...	...
100 to 299 water users.....organizations...	13	12	1	...	...	...	...
300 to 999 water users.....organizations...	...	...	...	...	...	...	...
1,000 or more water users.....organizations...	3	...	...	1	2	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	1	1	...	...	...	...	...
1 to 299 acre-feet.....organizations...	146	129	16	1	...	...	...
300 to 999 acre-feet.....organizations...	82	66	15	1	...	...	...
1,000 to 2,999 acre-feet.....organizations...	26	17	8	1	...	...	...
3,000 to 9,999 acre-feet.....organizations...	3	2	...	1	...	...	...
10,000 to 29,999 acre-feet.....organizations...	...	...	...	...	...	...	...
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	2	...	...	...	2	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	135	119	15	1	...	...	...
300 to 999 acre-feet.....organizations...	79	65	14	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	35	24	9	2	...	...	...
3,000 to 9,999 acre-feet.....organizations...	8	6	1	1	...	...	...
10,000 to 29,999 acre-feet.....organizations...	1	1	...	...	...	...	...
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	2	...	...	...	2	...	...

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Arkansas River (VI-B)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	67	60	5	2	...	2	...
1949...	84	58	25	...	1	...	...
Service area, 1959:							
Area served, as reported by organizations.....acres...	81,171	22,274	(D)	(D)	...	(D)	...
Area irrigated, as reported by organizations.....acres...	62,649	14,616	(D)	(D)	...	(D)	...
Water users served, 1959, total.....water users...	1,422	898	(D)	(D)	...	(D)	...
Farm irrigation water users.....water users...	1,301	777	(D)	(D)	...	(D)	...
Residential water users.....water users...	120	120	...	...	...	...	...
Other water users.....water users...	1	1	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	63	56	5	2	...	2	...
Total water conveyed.....acre-feet...	149,926	27,449	(D)	(D)	...	(D)	...
Water delivered.....acre-feet...	87,431	20,922	(D)	(D)	...	(D)	...
To farm and residential users only.....organizations...	60	53	5	2	...	2	...
acre-feet...	85,705	19,196	(D)	(D)	...	(D)	...
To farm and residential users and other irrigation organizations.....organizations...	3	3	...	...	...	...	...
Water to farm and residential users.....acre-feet...	1,287	1,287	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	439	439	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	4	4	...	...	...	...	...
Total water conveyed.....acre-feet...	4,456	4,456	...	...	...	...	...
From surface and ground water sources.....acre-feet...	3,213	3,213	...	...	...	...	...
From other irrigation organizations.....acre-feet...	1,243	1,243	...	...	...	...	...
Water delivered.....acre-feet...	3,616	3,616	...	...	...	...	...
To farm and residential users only.....organizations...	3	3	...	...	...	...	...
acre-feet...	1,132	1,132	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	1	1	...	...	...	...	...
Water to farm and residential users.....acre-feet...	1,680	1,680	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	804	804	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	66	59	5	2	...	...	...
acres served...	80,821	21,924	(D)	(D)	...	...	...
acres irrigated...	62,399	14,366	(D)	(D)	...	...	...
water delivered to farms (acre-feet)...	88,703	22,194	(D)	(D)	...	...	...
acre-feet per acre...	1.4	1.5	1.2	1.4	...	...	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	1	1	...	...	...	...	...
acres served...	350	350	...	...	...	...	...
acres irrigated...	250	250	...	...	...	...	...
water delivered to farms (acre-feet)...	397	397	...	...	...	...	...
acre-feet per acre...	1.6	1.6	...	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	29	25	3	1	...	2	...
By U. S. B. R.....dollars...	569,740	...	...	...	...	(D)	...
By water users organizations.....dollars...	45,916	32,860	(D)	(D)	...	...	...

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Arkansas River (VI-B)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	67	60	5	2	...	2	...
acre-feet...	153,139	30,662	(D)	(D)	...	(D)	...
From another drainage basin.....organizations...	1	1	...	...	...	...	...
acre-feet...	480	480	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	67	60	5	2	...	2	...
acre-feet...	152,659	30,182	(D)	(D)	...	(D)	...
Surface water.....organizations...	67	60	5	2	...	2	...
acre-feet...	152,659	30,182	(D)	(D)	...	(D)	...
Ground water.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From other organizations in the basin.....organizations receiving...	4	4	...	...	...	...	...
acre-feet...	1,243	1,243	...	...	...	...	...
Total leaving conveyance systems.....organizations...	67	60	5	2	...	2	...
acre-feet...	153,139	30,662	(D)	(D)	...	(D)	...
Conveyance loss in basin.....organizations...	66	59	5	2	...	2	...
acre-feet...	62,435	6,467	(D)	(D)	...	(D)	...
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	67	60	5	2	...	2	...
acre-feet...	90,704	24,195	(D)	(D)	...	(D)	...
To farm irrigation water users.....organizations...	67	60	5	2	...	2	...
acre-feet...	89,100	22,591	(D)	(D)	...	(D)	...
To domestic water users.....organizations...	13	13	...	...	...	...	...
acre-feet...	704	704	...	...	...	...	...
For other use.....organizations...	1	1	...	...	...	...	...
acre-feet...	900	900	...	...	...	...	...
Delivered to other irrigation organizations.....organizations delivering...	4	4	...	...	...	...	...
acre-feet...	1,243	1,243	...	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	1	1	(D)	(D)	...	(D)	...
1 to 3 water users.....organizations...	15	14	(D)	(D)	...	(D)	...
4 to 9 water users.....organizations...	11	11	(D)	(D)	...	(D)	...
10 to 29 water users.....organizations...	32	29	(D)	(D)	...	(D)	...
30 to 99 water users.....organizations...	7	5	(D)	(D)	...	(D)	...
100 to 299 water users.....organizations...	...	...	...	...	...	(D)	...
300 to 999 water users.....organizations...	1	...	(D)	(D)	...	(D)	...
1,000 or more water users.....organizations...	...	...	...	...	...	(D)	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	...	...	...	...	...	(D)	...
1 to 299 acre-feet.....organizations...	35	34	(D)	...	...	(D)	...
300 to 999 acre-feet.....organizations...	24	22	(D)	...	...	(D)	...
1,000 to 2,999 acre-feet.....organizations...	4	3	(D)	...	...	(D)	...
3,000 to 9,999 acre-feet.....organizations...	3	1	(D)	(D)	...	(D)	...
10,000 to 29,999 acre-feet.....organizations...	...	...	...	...	...	(D)	...
30,000 to 99,999 acre-feet.....organizations...	1	...	(D)	(D)	...	(D)	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	(D)	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	(D)	...
1 to 299 acre-feet.....organizations...	30	29	(D)	(D)	...	(D)	...
300 to 999 acre-feet.....organizations...	25	24	(D)	(D)	...	(D)	...
1,000 to 2,999 acre-feet.....organizations...	7	5	(D)	(D)	...	(D)	...
3,000 to 9,999 acre-feet.....organizations...	3	2	(D)	(D)	...	(D)	...
10,000 to 29,999 acre-feet.....organizations...	1	...	(D)	(D)	...	(D)	...
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	(D)	...
100,000 or more acre-feet.....organizations...	1	...	(D)	(D)	...	(D)	...

D Data not shown to avoid disclosure of information for individual organizations.

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT,

	Item (For definitions and explanations, see text)	New Mexico, total				Colorado River above Lees Ferry excluding Green and Gunnison Rivers (IV-D)			
		Size of organization, by total water conveyed							
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations....organizations...	336	95	13	3	16	17	6	...
	TYPE OF SERVICE								
2	All water directly from surface and ground sources....organizations...	326	87	12	3	16	16	6	...
3	Total water conveyed....acre-feet...	89,747	220,640	323,287	785,733	4,477	56,251	145,186	...
4	Water delivered....acre-feet...	75,644	171,963	228,806	455,956	3,694	45,273	98,392	...
5	To farm and residential users only....organizations...	323	81	10	2	16	16	4	...
6	acre-feet...	73,918	159,978	213,396	261,531	3,694	45,273	82,982	...
7	To farm and residential users and other irrigation organizations....organizations...	3	6	2	1	...	...	2	...
8	Water to farm and residential users....acre-feet...	1,287	8,383	11,559	163,150	...	...	11,559	...
9	Water to other irrigation organizations....acre-feet...	439	3,602	3,851	31,275	...	...	3,851	...
10	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
11	acre-feet...	...	...	...	...	...	...	...	...
12	Part of water from other organizations....organizations...	4	6	1	...	...	...	...	...
13	Total water conveyed....acre-feet...	2,031	20,573	10,400	...	...	...	...	...
14	From surface and ground water sources....acre-feet...	573	3,053	[1]-3,400	...	...	...	...	...
15	From other irrigation organizations....acre-feet...	1,458	17,520	13,800	...	...	...	...	...
16	Water delivered....acre-feet...	1,680	11,184	6,200	...	...	...	...	...
17	To farm and residential users only....organizations...	4	5	1	...	...	...	...	...
18	acre-feet...	1,680	8,700	6,200	...	...	...	...	...
19	To farm and residential users and other irrigation organizations....organizations...	...	1	...	...	...	...	...	...
20	Water to farm and residential users....acre-feet...	...	1,680	...	...	...	...	...	...
21	Water to other irrigation organizations....acre-feet...	...	804	...	...	...	...	...	...
22	To other irrigation organizations only... ....organizations...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...
24	All of water from other organizations....organizations...	5	2	...	...	...	1	...	...
25	Total water conveyed....acre-feet...	2,342	4,851	...	...	...	3,851	...	...
26	Water delivered....acre-feet...	2,000	3,000	...	...	...	2,100	...	...
27	To farm and residential users only....organizations...	5	2	...	...	...	1	...	...
28	acre-feet...	2,000	3,000	...	...	...	2,100	...	...
29	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...	...	...	...	...
30	Water to farm and residential users....acre-feet...	...	...	...	...	...	...	...	...
31	Water to other irrigation organizations....acre-feet...	...	...	...	...	...	...	...	...
32	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...	...	...
34	No water conveyed....organizations...	1	...	...	...	...	...	...	...
	WATER FROM OTHER SOURCES								
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	332	94	11	3	16	17	6	...
36	acres served...	70,247	116,018	56,062	199,031	4,859	22,606	27,634	...
37	acres irrigated...	45,861	90,216	45,266	169,310	2,027	18,556	21,646	...
38	Organizations reporting water from other sources used on land served by the organization....organizations...	3	1	2	...	...	...	...	...
39	acres served...	2,238	2,500	27,805	...	...	...	...	...
40	acres irrigated...	1,058	2,000	22,432	...	...	...	...	...
	NEW CAPITAL INVESTMENT, 1950-1959								
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	145	60	5	2	3	10	3	...
42	dollars...	1,191,952	560,835	148,735	11,764,740	6,201	135,750	22,863	...
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
43	Total entering conveyance systems in basin....organizations...	335	95	13	3	16	17	6	...
44	acre-feet...	90,320	223,693	319,887	785,733	4,477	56,251	145,186	...
45	From another drainage basin....organizations...	1	...	1	...	1	...	1	...
46	acre-feet...	242	...	1,661	...	242	...	1,661	...
47	From Drainage Basin Number....D. B. No....	...	...	...	...	...	...	...	...
48	From natural sources within basin....organizations...	329	93	12	3	15	16	5	...
49	acre-feet...	90,078	223,693	318,226	785,733	4,235	56,251	143,525	...
50	Surface water....organizations...	321	92	12	3	13	16	5	...
51	acre-feet...	86,772	221,161	305,586	759,233	4,219	56,251	143,525	...
52	Ground water....organizations...	17	6	2	1	2	...	...	...
53	acre-feet...	3,306	2,532	12,640	26,500	16	...	...	...
54	*From other organizations in the basin ....organizations receiving...*	9	8	1	...	...	1	...	...
55	*acre-feet...*	3,800	22,371	13,800	...	...	3,851	...	...
56	Total leaving conveyance systems....organizations...	335	95	13	3	16	17	6	...
57	acre-feet...	93,681	241,658	329,836	754,458	4,477	60,102	141,335	...
58	Conveyance loss in basin....organizations...	314	93	13	3	14	17	6	...
59	acre-feet...	14,346	55,178	92,841	329,777	783	10,709	41,947	...
60	Conveyed to another drainage basin....organizations...	...	...	...	...	...	...	...	...
61	acre-feet...	...	...	...	...	...	...	...	...
62	To drainage basin number....D. B. No....	...	...	...	...	...	...	...	...
63	Delivered for use in the basin....organizations...	335	95	13	3	16	17	6	...
64	acre-feet...	79,335	186,480	236,995	424,681	3,694	49,393	99,388	...
65	To farm irrigation water users....organizations...	334	95	13	3	16	17	6	...
66	acre-feet...	77,611	178,294	221,580	423,132	3,694	46,406	85,296	...
67	To residential water users....organizations...	46	24	5	1	...	5	3	...
68	acre-feet...	1,274	3,447	9,575	1,549	...	967	9,245	...
69	For other use....organizations...	2	7	4	...	...	3	3	...
70	acre-feet...	450	4,739	5,840	...	...	2,020	4,847	...
71	*Delivered to other irrigation organizations ..... organizations delivering...*	3	7	1	1	...	...	1	...
72	*acre-feet ...*	439	4,406	3,851	31,275	...	...	3,851	...
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959								
	Per acre irrigated, as reported by irrigation organization:								
73	All organizations....acre-feet...	1.7	2.0	3.7	2.5	1.9	2.5	6.4	...
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	332	94	11	3	16	17	6	...
75	acre-feet...	1.7	2.0	3.7	2.5	1.9	2.5	5.1	...

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959

Rio Grande below Fort Quitman, Texas (V-B)				Rio Grande River above Fort Quitman, Texas (V-C)			Arkansas River (VI-B)		
Size of organization, by total water conveyed									
0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000 or more acre-feet	0-999 acre-feet	1,000 or more acre-feet	
43	12	3	...	214	43	3	55	12	1
40	12	3	...	210	37	2	52	11	2
11,106	33,651	144,549	...	56,611	75,865	682,987	14,381	135,545	3
9,016	24,247	105,259	...	48,252	57,661	403,975	11,606	75,825	4
40	10	3	...	209	33	1	49	11	5
9,016	18,242	105,259	...	48,252	51,681	209,550	9,880	75,825	6
...	2	...	...	1	4	1	3	...	7
...	5,340	...	...	...	3,043	163,150	1,287	...	8
...	665	...	...	...	2,937	31,275	439	...	9
...	...	...	...	...	...	...	...	...	10
...	...	...	...	...	...	...	...	...	11
1	...	...	...	...	5	1	3	1	12
618	...	...	...	...	17,530	10,400	1,413	3,043	13
253	...	...	...	...	160	1-3,400	320	2,893	14
365	...	...	...	...	17,370	13,800	1,093	150	15
548	...	...	...	...	8,700	6,200	1,132	2,484	16
1	...	...	...	...	5	1	3	...	17
548	...	...	...	...	8,700	6,200	1,132	...	18
...	...	...	...	...	...	...	...	1	19
...	...	...	...	...	...	...	...	1,680	20
...	...	...	...	...	...	...	...	804	21
...	...	...	...	...	...	...	...	...	22
...	...	...	...	...	...	...	...	...	23
1	...	...	...	4	1	...	...	...	24
300	...	...	...	2,042	1,000	...	...	...	25
290	...	...	...	1,710	900	...	...	...	26
1	...	...	...	4	1	...	...	...	27
290	...	...	...	1,710	900	...	...	...	28
...	...	...	...	...	...	...	...	...	29
...	...	...	...	...	...	...	...	...	30
...	...	...	...	...	...	...	...	...	31
...	...	...	...	...	...	...	...	...	32
...	...	...	...	...	...	...	...	...	33
1	...	...	...	...	...	...	...	...	34
41	12	2	...	213	42	3	54	12	35
7,857	15,337	15,526	...	44,052	49,014	162,190	13,203	67,618	36
4,766	12,077	15,000	...	30,561	36,968	134,980	7,936	54,463	37
1	...	1	...	1	1	...	1	...	38
1,800	...	25,055	...	88	2,500	...	350	...	39
720	...	19,682	...	88	2,000	...	250	...	40
21	10	3	...	98	24	1	21	8	41
1,041,875	213,950	125,872	...	111,360	100,705	11,195,000	13,816	601,840	42
42	12	3	...	214	43	3	55	12	43
11,359	33,651	144,549	...	56,611	76,025	679,587	14,701	138,438	44
...	...	...	...	...	...	...	1	...	45
...	...	...	...	...	...	...	480	...	46
...	...	...	...	...	...	...	...	...	47
41	12	3	...	210	42	3	55	12	48
11,359	33,651	144,549	...	56,611	76,025	679,587	14,221	138,438	49
39	12	3	...	206	41	3	55	12	50
10,849	33,651	132,149	...	53,831	74,150	653,087	14,221	138,438	51
2	...	1	...	13	2	1	...	...	52
510	...	12,400	...	2,780	1,875	26,500	...	...	53
2	...	...	...	4	6	1	3	1	54
665	...	...	...	2,042	18,370	13,800	1,093	150	55
42	12	3	...	214	43	3	55	12	56
12,024	32,986	144,549	...	58,653	91,458	662,112	15,355	137,784	57
40	11	3	...	197	42	3	54	12	58
1,720	7,921	38,297	...	8,211	26,798	283,212	3,056	59,379	59
...	...	...	...	1	...	...	...	...	60
...	...	...	...	480	...	...	...	...	61
...	...	...	...	...	...	...	...	...	62
42	12	3	...	213	43	3	55	12	63
10,304	25,065	106,252	...	49,962	64,660	378,900	12,299	78,405	64
42	12	3	...	212	43	3	55	12	65
9,683	23,562	105,259	...	49,135	62,370	377,051	12,033	77,067	66
7	1	...	...	27	15	2	11	2	67
171	20	...	...	827	1,954	1,849	266	438	68
2	2	1	...	...	1	...	...	1	69
450	1,483	993	...	...	336	...	...	900	70
...	2	...	...	...	4	1	3	1	71
...	665	...	...	...	2,937	31,275	439	804	72
1.8	1.9	3.0	...	1.6	1.6	2.8	1.5	1.4	73
41	12	2	...	213	42	3	54	12	74
2.0	1.9	2.3	...	1.6	1.7	2.8	1.5	1.4	75

NORTH DAKOTA

(269)

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	The State
Total acres irrigated in Census year.....1959...	47,656
1949...	35,759
Irrigation organizations.....organizations 1959...	12
1949...	6
Service area, 1959:	
Farm area reported served, by organizations.....acres 1959...	44,958
Farm area reported irrigated, by organizations.....acres 1959...	39,849
Water users served, total.....water users 1959...	234
Farm irrigation water users.....water users 1959...	234
Residential water users.....water users 1959...	...
Other water users.....water users 1959...	...
LAND IRRIGATED BY SOURCE OF WATER, 1959	
Ground water sources.....acres...	973
Surface water sources.....acres...	46,683
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959	
Total entering conveyance systems in basin.....organizations...	9
acre-feet...	108,724
From another drainage basin.....organizations...	1
acre-feet...	100,000
From drainage basin number.....D. B. No....	...
From natural sources within basin.....organizations...	9
acre-feet...	8,724
Surface water.....organizations...	9
acre-feet...	8,724
Ground water.....organizations...	...
acre-feet...	...
From other organizations in the basin.....organizations receiving...	...
acre-feet...	...

Item (For definitions and explanations, see text)	The State
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959—Continued	
Total leaving conveyance systems.....organizations...	9
acre-feet...	108,724
Conveyance loss in basin.....organizations...	5
acre-feet...	36,802
Conveyed to another drainage basin.....organizations...	...
acre-feet...	...
To drainage basin number.....D. B. No....	...
Delivered for use in the basin.....organizations...	9
acre-feet...	71,922
To farm irrigation water users.....organizations...	9
acre-feet...	71,922
To residential water users.....organizations...	...
acre-feet...	...
For other use.....organizations...	...
acre-feet...	...
Delivered to other irrigation organizations.....organizations delivering...	...
acre-feet...	...
AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959	
Per acre irrigated as reported by organizations.....acre-feet...	1.8
NEW CAPITAL INVESTMENT, 1950-1959	
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	5
dollars...	613,767

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	North Dakota, total
Irrigation organizations, total number.....organizations 1959...	12
1949...	6
Area irrigated as reported by organizations.....acres 1959...	39,849
1949...	34,405
Farm water users served directly.....water users 1959...	234
Total water conveyed.....acre-feet 1959...	108,724
TYPE OF ORGANIZATION	
Mutual:	
Unincorporated.....organizations 1959...	1
1949...	...
Farm area irrigated directly.....acres 1959...	(D)
Farm water users served directly.....water users 1959...	(D)
Total water conveyed.....acre-feet 1959...	(D)
Incorporated.....organizations 1959...	1
1949...	1
Farm area irrigated directly.....acres 1959...	(D)
Farm water users served directly.....water users 1959...	(D)
Total water conveyed.....acre-feet 1959...	(D)
District.....organizations 1959...	6
1949...	4
Farm area irrigated directly.....acres 1959...	(D)
Farm water users served directly.....water users 1959...	(D)
Total water conveyed.....acre-feet 1959...	(D)
U.S. Bureau of Reclamation; projects and storage systems operated by bureau.....organizations 1959...	3
1949...	...
Farm area irrigated directly.....acres 1959...	1,319
Farm water users served directly.....water users 1959...	20
Total water conveyed.....acre-feet 1959...	3,908
U. S. Bureau of Reclamation; operated by water users.....organizations 1959...	4
1949...	...
Farm area irrigated directly.....acres 1959...	25,376
Farm water users served directly.....water users 1959...	122
Total water conveyed.....acre-feet 1959...	90,052
U. S. Bureau of Indian Affairs.....organizations 1959...	...
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...
Commercial.....organizations 1959...	...
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...
State.....organizations 1959...	...
1949...	1
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...
City.....organizations 1959...	1
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...

Item (For definitions and explanations, see text)	North Dakota, total
TYPE OF SERVICE, 1959	
All water directly from surface and ground water sources.....organizations...	9
Total water conveyed.....acre-feet...	108,724
Water delivered.....acre-feet...	71,922
To farm and residential users only.....organizations...	9
acre-feet...	71,922
To farm and residential users and other irrigation organizations.....organizations...	...
Water to farm and residential users.....acre-feet...	...
Water to other irrigation organizations.....acre-feet...	...
To other irrigation organizations only.....organizations...	...
acre-feet...	...
Part of water from other organizations.....organizations...	...
Total water conveyed.....acre-feet...	...
From surface and ground water sources.....acre-feet...	...
From other irrigation organizations.....acre-feet...	...
Water delivered.....acre-feet...	...
To farm and residential users only.....organizations...	...
acre-feet...	...
To farm and residential users and other irrigation organizations.....organizations...	...
Water to farm and residential users.....acre-feet...	...
Water to other irrigation organizations.....acre-feet...	...
To other irrigation organizations only.....organizations...	...
acre-feet...	...
All of water from other organizations.....organizations...	...
Total water conveyed.....acre-feet...	...
Water delivered.....acre-feet...	...
To farm and residential users only.....organizations...	...
acre-feet...	...
To farm and residential users and other irrigation organizations.....organizations...	...
Water to farm residential users.....acre-feet...	...
Water to other irrigation organizations.....acre-feet...	...
To other irrigation organizations only.....organizations...	...
acre-feet...	...
No water conveyed.....organizations...	3
WATER FROM OTHER SOURCES	
Organizations reporting NO water from other sources used on land served by the organization.....organizations...	9
acres served...	80,203
acres irrigated...	72,012
Water delivered to farms.....acre-feet...	152,922
acre-feet per acre...	2.1
Organizations reporting water from other sources used on land served by the organization.....organizations...	...
acres served...	...
acres irrigated...	...
Water delivered to farms.....acre-feet...	...
acre-feet per acre...	...

D Data not shown to avoid disclosure of information for individual organizations.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

Item (For definitions and explanations, see text)	North Dakota, total
WATER DELIVERED PER ACRE	
Organizations reporting no water from other sources used on same land:	
0.1 to 0.9 acre-feet per acre.....organizations...	2
acres irrigated...	7,375
1.0 to 1.9 acre-feet per acre.....organizations...	4
acres irrigated...	15,001
2.0 to 2.9 acre-feet per acre.....organizations...	2
acres irrigated...	48,465
3.0 to 3.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
4.0 to 4.9 acre-feet per acre.....organizations...	1
acres irrigated...	1,171
5.0 to 5.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
6.0 to 6.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
7.0 to 7.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
8.0 to 9.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
10.0 or more acre-feet per acre.....organizations...	...
acres irrigated...	...
SIZE OF ORGANIZATION	
Size of organization (number of farm irrigation water users served directly):	
None.....organizations...	3
1 to 3.....organizations...	1
water users...	3
4 to 9.....organizations...	2
water users...	12
10 to 29.....organizations...	4
water users...	71
30 to 99.....organizations...	1
water users...	51
100 to 299.....organizations...	...
water users...	...
300 to 999.....organizations...	1
water users...	338
1,000 or more.....organizations...	...
water users...	...

Item (For definitions and explanations, see text)	North Dakota, total
SIZE OF ORGANIZATION—Continued	
Size of organization (acre-feet of water delivered directly to farms):	
None.....organizations...	3
1 to 299 acre-feet.....organizations...	1
acre-feet...	154
300 to 999 acre-feet.....organizations...	2
acre-feet...	1,228
1,000 to 2,999 acre-feet.....organizations...	...
acre-feet...	...
3,000 to 9,999 acre-feet.....organizations...	4
acre-feet...	19,322
10,000 to 29,999 acre-feet.....organizations...	1
acre-feet...	16,218
30,000 to 99,999 acre-feet.....organizations...	...
acre-feet...	...
100,000 or more acre-feet.....organizations...	1
acre-feet...	116,000
Size of organization (acre-feet of water conveyed):	
None.....organizations...	3
1 to 299 acre-feet.....organizations...	1
acre-feet...	154
300 to 999 acre-feet.....organizations...	2
acre-feet...	1,410
1,000 to 2,999 acre-feet.....organizations...	...
acre-feet...	...
3,000 to 9,999 acre-feet.....organizations...	4
acre-feet...	21,870
10,000 to 29,999 acre-feet.....organizations...	1
acre-feet...	20,290
30,000 to 99,999 acre-feet.....organizations...	...
acre-feet...	...
100,000 or more acre-feet.....organizations...	1
acre-feet...	212,000

State Table 3.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

Item (For definitions and explanations, see text)	North Dakota, total
Total acres irrigated.....farms reporting...	471
acres...	47,656
Acres irrigated by sprinklers.....farms reporting...	101
acres...	3,880
Sprinklers only.....farms reporting...	83
acres...	3,263
LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959	
Ground water sources on farm.....farms reporting...	25
acres...	973
Ground water sources on farm only....farms reporting...	24
acres...	943
LAND IRRIGATED BY SOURCE OF WATER TO INDIVIDUAL FARMS 1959—Continued	
Surface sources on farm.....farms reporting...	156
acres...	9,799
Surface sources on farm only.....farms reporting...	151
acres...	9,145
Irrigation organization sources.....farms reporting...	295
acres...	36,884
Irrigation organizations sources only.....farms reporting...	290
acres...	36,017
Both farm ground water sources and surface sources.....farms reporting...	1
acres...	45
Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	5
acres...	1,506

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	North Dakota, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	12	1	1	6	3	4	1
1949...	6	...	1	4	...	...	1
Service area, 1959:							
Area served, as reported by organizations.....acres...	44,958	(D)	(D)	(D)	2,039	28,740	...
Area irrigated, as reported by organizations.....acres...	39,849	(D)	(D)	(D)	1,319	25,376	...
Water users served, 1959, total.....water users...	234	(D)	(D)	(D)	20	122	...
Farm irrigation water users.....water users...	234	(D)	(D)	(D)	20	122	...
Residential water users.....water users...	...	...	...	...	...	...	...
Other water users.....water users...	...	...	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	9	1	1	6	1	3	...
Total water conveyed.....acre-feet...	108,724	(D)	(D)	(D)	3,908	90,052	...
Water delivered.....acre-feet...	71,922	(D)	(D)	(D)	3,160	55,980	...
To farm and residential users only.....organizations...	9	1	1	6	1	3	...
acre-feet...	71,922	(D)	(D)	(D)	3,160	55,980	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
From surface and ground water sources.....acre-feet...	...	...	...	...	...	...	...
From other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	3	...	...	...	2	1	1
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	9	1	1	6	1	3	...
acres served...	80,203	(D)	(D)	(D)	2,039	63,985	...
acres irrigated...	72,012	(D)	(D)	(D)	1,319	57,539	...
water delivered to farms (acre-feet)...	152,922	(D)	(D)	(D)	3,160	136,980	...
acre-feet per acre...	2.1	(D)	(D)	(D)	2.4	2.4	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	...	...	...	...	...	...	...
acres served...	...	...	...	...	...	...	...
acres irrigated...	...	...	...	...	...	...	...
water delivered to farms (acre-feet)...	...	...	...	...	...	...	...
acre-feet per acre...	...	...	...	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	5	...	...	3	1	2	1
By U. S. B. R.....dollars...	566,860	...	...	505,510	61,350	505,510	...
By water users organizations.....dollars...	46,907	...	...	6,257	...	40,650	40,650

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	North Dakota, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	9	1	1	6	1	3	...
acre-feet...	108,724	(D)	(D)	(D)	3,908	90,052	...
From another drainage basin.....organizations...	1	...	...	1	...	1	...
acre-feet...	100,000	...	...	(D)	...	100,000	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	9	1	1	6	1	3	...
acre-feet...	8,724	(D)	(D)	(D)	3,908	[1]-9,948	...
Surface water.....organizations...	9	1	1	6	1	3	...
acre-feet...	8,724	(D)	(D)	(D)	3,908	[1]-9,948	...
Ground water.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From other organizations in the basin.....organizations receiving...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Total leaving conveyance systems.....organizations...	9	1	1	6	1	3	...
acre-feet...	108,724	(D)	(D)	(D)	3,908	90,052	...
Conveyance loss in basin.....organizations...	5	...	...	4	1	2	...
acre-feet...	36,802	...	...	36,054	748	34,072	...
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	9	1	1	6	1	3	...
acre-feet...	71,922	(D)	(D)	(D)	3,160	55,980	...
To farm irrigation water users.....organizations...	9	1	1	6	1	3	...
acre-feet...	71,922	(D)	(D)	(D)	3,160	55,980	...
To domestic water users.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
For other use.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Delivered to other irrigation organizations.....organizations delivering...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	4	(D)	(D)	(D)	2	...	1
1 to 3 water users.....organizations...	1	(D)	(D)	(D)	...	...	...
4 to 9 water users.....organizations...	2	(D)	(D)	(D)	...	1	...
10 to 29 water users.....organizations...	3	(D)	(D)	(D)	1	1	...
30 to 99 water users.....organizations...	1	(D)	(D)	(D)	...	1	...
100 to 299 water users.....organizations...	...	...	...	...	...	...	...
300 to 999 water users.....organizations...	1	(D)	(D)	(D)	...	1	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	3	(D)	(D)	(D)	2	...	1
1 to 299 acre-feet.....organizations...	1	(D)	(D)	(D)	...	...	...
300 to 999 acre-feet.....organizations...	2	(D)	(D)	(D)	...	...	...
1,000 to 2,999 acre-feet.....organizations...	...	...	...	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	4	(D)	(D)	(D)	1	1	...
10,000 to 29,999 acre-feet.....organizations...	1	(D)	(D)	(D)	...	1	...
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	1	(D)	(D)	(D)	...	1	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	3	(D)	(D)	(D)	2	...	1
1 to 299 acre-feet.....organizations...	1	(D)	(D)	(D)	...	...	...
300 to 999 acre-feet.....organizations...	2	(D)	(D)	(D)	...	...	...
1,000 to 2,999 acre-feet.....organizations...	...	...	...	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	4	(D)	(D)	(D)	1	1	...
10,000 to 29,999 acre-feet.....organizations...	1	(D)	(D)	(D)	...	1	...
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	1	(D)	(D)	(D)	...	1	...

D Data not shown to avoid disclosure of information for individual organizations.

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959

Item (For definitions and explanations, see text)	North Dakota, total	
	Size of organization, by total water conveyed	
	0-999 acre-feet	1,000 or more acre-feet
Number of organizations.....organizations...	6	6
TYPE OF SERVICE		
All water directly from surface and ground sources.....organizations...	3	6
Total water conveyed.....acre-feet...	1,564	107,160
Water delivered.....acre-feet...	1,382	70,540
To farm and residential users only.....organizations...	3	6
acre-feet...	1,382	70,540
To farm and residential users and other irrigation organizations.....organizations...	...	...
Water to farm and residential users.....acre-feet...	...	...
Water to other irrigation organizations.....acre-feet...	...	...
To other irrigation organizations only.....organizations...	...	...
acre-feet...	...	...
Part of water from other organizations....organizations...	...	...
Total water conveyed.....acre-feet...	...	...
From surface and ground water sources.....acre-feet...	...	...
From other irrigation organizations.....acre-feet...	...	...
Water delivered.....acre-feet...	...	...
To farm and residential users only.....organizations...	...	...
acre-feet...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...
Water to farm and residential users.....acre-feet...	...	...
Water to other irrigation organizations.....acre-feet...	...	...
To other irrigation organizations only.....organizations...	...	...
acre-feet...	...	...
All of water from other organizations.....organizations...	...	...
Total water conveyed.....acre-feet...	...	...
Water delivered.....acre-feet...	...	...
To farm and residential users only.....organizations...	...	...
acre-feet...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...
Water to farm and residential users.....acre-feet...	...	...
Water to other irrigation organizations.....acre-feet...	...	...
To other irrigation organizations only.....organizations...	...	...
acre-feet...	...	...
No water conveyed.....organizations...	3	...

Item (For definitions and explanations, see text)	North Dakota, total	
	Size of organization, by total water conveyed	
	0-999 acre-feet	1,000 or more acre-feet
WATER FROM OTHER SOURCES		
Organizations reporting NO water from other sources used on land served by the organization.....organizations...	3	6
acres served...	1,379	78,824
acres irrigated...	1,154	70,858
Organizations reporting water from other sources used on some of the same land served by the organization.....organizations...	...	...
acres served...	...	...
acres irrigated...	...	...
NEW CAPITAL INVESTMENT, 1950-1959		
Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec.31, 1959.....organizations...	2	3
dollars...	43,707	570,060
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959		
Total entering conveyance systems in basin.....organizations...	3	6
acre-feet...	66,564	42,160
From another drainage basin.....organizations...	...	1
acre-feet...	...	100,000
From Drainage Basin number.....D. B. No....	...	...
From natural sources within basin.....organizations...	3	6
acre-feet...	[1]1,564	7,160
Surface water.....organizations...	3	6
acre-feet...	[1]1,564	7,160
Ground water.....organizations...	...	...
acre-feet...	...	...
From other organizations in the basin .....organizations receiving...	...	...
acre-feet...	...	...
Total leaving conveyance systems.....organizations...	3	6
acre-feet...	66,564	42,160
Conveyance loss in basin.....organizations...	1	4
acre-feet...	182	36,620
Conveyed to another drainage basin.....organizations...	...	...
acre-feet...	...	...
To drainage basin number.....D. B. No....	...	...
Delivered for use in the basin.....organizations...	3	6
acre-feet...	1,382	70,540
To farm irrigation water users.....organizations...	3	6
acre-feet...	1,382	70,540
To residential water users.....organizations...	...	...
acre-feet...	...	...
For other use.....organizations...	...	...
acre-feet...	...	...
Delivered to other irrigation organizations ..... organizations delivering...	...	...
acre-feet ...	...	...
AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959		
Per acre irrigated, as reported by irrigation organization:		
All organizations.....acre-feet...	0.8	1.8
Organizations reporting NO water from other sources used on the same land and reporting.....organizations...	3	6
acre-feet...	1.2	2.1

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

OREGON

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State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	The State	North Pacific Coast, total	Excluding Columbia River (I-A)						
				Total	Pacific Coast direct (1)	Rogue River				
						Total	Rogue River direct (4a)	Illinois River (4b)	Applegate River (4c)	Bear Creek (4d)
1	Total acres irrigated in Census year.....1959...	1,384,284	967,000	100,000	30,000	70,000	28,000	4,000	14,000	24,000
2	1949...	1,337,517	856,788	86,107	15,172	70,935	34,905	4,075	12,466	19,489
3	Irrigation organizations.....organizations 1959...	650	583	111	5	106	41	13	39	16
4	1949...	755	681	131	6	125	43	20	45	20
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	903,222	655,152	62,754	905	61,849	27,284	2,656	12,465	19,444
6	Farm area reported irrigated by organizations.....acres 1959...	846,182	619,276	59,524	779	58,745	26,837	2,355	11,415	18,138
7	Water users served, total.....water users 1959...	33,437	26,759	9,824	17	9,807	3,277	70	299	6,161
8	Farm irrigation water users.....water users 1959...	17,712	15,875	4,634	17	4,617	3,142	48	292	1,135
9	Residential water users.....water users 1959...	14,690	9,850	4,733	...	4,733	134	18	7	4,574
10	Other water users.....water users 1959...	1,035	1,034	457	...	457	1	4	...	452
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	198,941	156,000	5,000	1,000	4,000	2,000	1,000	1,000	...
12	Surface water sources.....acres...	1,185,343	811,000	95,000	29,000	66,000	26,000	3,000	13,000	24,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	646	579	111	5	106	41	13	39	16
14	acre-feet...	4,182,706	2,999,982	279,610	3,313	254,242	190,942	9,258	47,486	53,442
15	From another drainage basin.....organizations...	3	4	2	...	1	1	...	...	2
16	acre-feet...	28,647	42,948	36,356	...	14,301	14,301	...	...	46,886
17	From drainage basin number.....D. B. No....	...	...	...	...	...	II-A-7	...	...	(1)
18	From natural sources within basin...organizations...	642	575	111	5	106	41	13	39	15
19	acre-feet...	4,154,059	2,957,034	243,254	3,313	239,941	176,641	9,258	47,486	6,556
20	Surface water.....organizations...	631	564	111	5	106	41	13	39	15
21	acre-feet...	3,891,300	2,712,694	236,054	3,313	232,741	169,441	9,258	47,486	6,556
22	Ground water.....organizations...	18	17	1	...	1	1	...	...	...
23	acre-feet...	262,759	244,340	7,200	...	7,200	7,200	...	...	...
24	*From other organizations in the basin.....organizations receiving...*	19	12	1	...	1	1	...	...	...
25	*acre-feet...*	278,847	217,033	9,987	...	9,987	9,987	...	...	...
26	Total leaving conveyance systems.....organizations...	646	579	111	5	106	41	13	39	16
27	acre-feet...	4,182,706	2,999,982	279,610	3,313	254,242	190,942	9,258	47,486	53,442
28	Conveyance loss in basin.....organizations...	499	441	79	5	74	30	12	25	9
29	acre-feet...	730,281	582,043	51,877	739	51,138	31,684	1,795	6,638	11,021
30	Conveyed to another drainage basin..organizations...	4	2	1	...	...	2	...	...	...
31	acre-feet...	503,598	116,565	22,055	...	...	46,886	...	...	...
32	To drainage basin number.....D. B. No....	...	...	...	...	...	(2)	...	...	...
33	Delivered for use in the basin.....organizations...	645	578	111	5	106	40	13	39	16
34	acre-feet...	2,948,827	2,301,374	205,678	2,574	203,104	112,372	7,463	40,848	42,421
35	To farm irrigation water users...organizations...	645	578	111	5	106	40	13	39	16
36	acre-feet...	2,885,053	2,272,636	199,162	2,574	196,588	111,723	7,435	40,842	36,588
37	To residential water users.....organizations...	44	40	10	...	10	3	1	1	5
38	acre-feet...	31,413	25,113	6,043	...	6,043	448	18	6	5,571
39	For other use.....organizations...	14	14	3	...	3	1	1	...	1
40	acre-feet...	32,361	3,625	473	...	473	201	10	...	262
41	*Delivered to other irrigation organizations..... organizations delivering...*	11	9	1	...	1	1	...	...	...
42	*acre-feet...*	278,847	217,033	9,987	...	9,987	9,987	...	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.4	3.7	3.4	3.3	3.4	4.2	3.2	3.6	2.0
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	277	253	52	2	50	22	9	16	4
45	dollars...	9,588,868	4,489,697	1,567,812	4,100	1,563,712	1,323,509	31,750	146,978	61,475

[1] 22,055 acre-feet from D. B. No. II-A-1, 24,831 acre-feet from D. B. No. I-A-4d. [2] 22,055 acre-feet to D. B. No. II-A-1, 24,831 acre-feet to D. B. No. I-A-4d. [3] 13,047 acre-feet to D. B. No. I-B-5a, 79,968 acre-feet to D. B. No. I-B-5c.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Columbia River													
	Columbia River below Snake River (I-B)												
		Columbia River direct			Willamette River					Deschutes River			
Total	Total	Total	Below The Dalles (1a)	Above The Dalles (1b)	Total	Below Salem (2a)	Salem to Albany (2b)	Above Albany (2c)	Hood River (3)	Total	Deschutes River direct below Madras (5a)	Squaw Creek and Deschutes River direct above Madras (5b, d)	Crooked River (5c)	
867,000	463,000	36,000	19,000	17,000	151,000	73,000	43,000	35,000	19,000	152,000	33,000	79,000	40,000	1
770,681	354,841	23,805	11,026	12,779	73,585	31,006	23,041	19,538	19,696	147,367	20,255	75,808	51,304	2
472	175	19	11	8	11	4	4	3	10	25	9	8	8	3
550	216	28	13	15	15	6	5	4	14	38	12	15	13	4
592,398	245,981	14,901	3,302	11,599	15,123	2,360	9,477	3,286	26,555	139,768	11,030	104,067	24,671	5
559,752	237,480	13,136	2,742	10,394	11,884	1,263	8,186	2,435	25,512	139,283	10,730	104,027	24,526	6
16,935	11,844	4,707	4,132	575	415	52	253	110	1,982	2,459	208	1,693	558	7
11,241	6,441	387	112	275	344	52	227	65	1,829	2,075	183	1,526	366	8
5,117	4,826	3,816	3,516	300	41	...	...	41	138	357	9	158	190	9
577	577	504	504	...	30	...	26	4	15	27	16	9	2	10
151,000	92,000	7,000	6,000	1,000	63,000	23,000	22,000	18,000	...	3,000	1,000	1,000	1,000	11
716,000	371,000	29,000	13,000	16,000	88,000	50,000	21,000	17,000	19,000	149,000	32,000	78,000	39,000	12
468	173	19	11	8	11	4	4	3	10	25	9	8	8	13
2,742,427	1,316,521	104,320	11,362	92,958	46,933	1,468	31,245	14,220	85,842	725,041	52,656	639,156	126,244	14
3	1	...	...	...	...	...	...	...	...	...	1	...	1	15
28,647	4,364	...	...	...	...	...	...	...	...	...	13,047	...	79,968	16
...	...	...	...	...	...	...	...	...	...	...	I-B-5b	...	I-B-5b	17
464	170	19	11	8	10	4	3	3	10	23	9	8	6	18
2,713,780	1,312,157	104,320	11,362	92,958	46,933	1,468	31,245	14,220	85,842	725,041	39,609	639,156	46,276	19
453	159	15	7	8	10	4	3	3	10	23	9	8	6	20
2,476,640	1,305,939	101,077	8,119	92,958	46,933	1,468	31,245	14,220	85,842	725,041	39,609	639,156	46,276	21
16	13	5	5	...	...	...	...	...	...	...	...	...	...	22
237,140	6,218	3,243	3,243	...	...	...	...	...	...	...	...	...	..	23
11	7	...	...	...	1	...	1	...	1	1	...	...	1	24
207,046	21,072	...	...	...	3,780	...	3,780	...	1,470	9,747	...	...	9,747	25
468	173	19	11	8	11	4	4	3	10	25	9	8	8	26
2,742,427	1,316,521	104,320	11,362	92,958	46,933	1,468	31,245	14,220	85,842	725,041	52,656	639,156	126,244	27
362	112	15	8	7	8	3	3	2	4	22	8	6	8	28
530,166	329,590	3,836	278	3,558	15,390	128	13,415	1,847	3,642	207,727	20,359	154,239	33,129	29
2	1	1	...	1	...	...	...	...	...	...	...	2	...	30
116,565	15,364	15,364	...	15,364	...	...	...	...	...	...	...	93,015	...	31
...	...	...	...	Washington I-B-1b	...	...	...	...	...	...	...	(3)	...	32
467	173	19	11	8	11	4	4	3	10	25	9	8	8	33
2,095,696	971,567	85,120	11,084	74,036	31,543	1,340	17,830	12,373	82,200	517,314	32,297	391,902	93,115	34
467	173	19	11	8	11	4	4	3	10	25	9	8	8	35
2,073,474	952,128	75,218	3,732	71,486	29,280	1,340	17,357	10,583	81,414	513,567	32,170	389,670	91,727	36
30	17	4	3	1	2	...	...	2	3	3	1	1	1	37
19,070	16,287	8,573	6,023	2,550	1,590	...	...	1,590	756	2,799	52	1,617	1,130	38
10	10	2	2	...	2	...	1	1	2	3	1	1	1	39
3,152	3,152	1,329	1,329	...	673	...	473	200	30	948	75	615	258	40
8	5	...	...	...	1	...	1	...	1	1	...	...	1	41
207,046	21,072	...	...	...	3,780	...	3,780	...	1,470	9,747	...	...	9,747	42
3.7	4.0	5.7	1.4	6.9	2.5	1.1	2.1	4.3	3.2	3.7	3.0	3.7	3.7	43
201	55	13	9	4	7	3	2	2	4	18	9	6	3	44
2,921,885	2,076,992	168,521	134,321	34,200	73,085	4,235	23,000	45,850	151,117	1,533,448	637,653	872,637	23,158	45

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	Columbia River—Continued									
		Columbia River below Snake River (I-B)—Continued					Snake River below Weiser, Idaho (I-E)				
		John Day River			Umatilla River	Walla Walla River	Total	Snake River direct	Grande Ronde River		
		Total	Below Dayville (6a)	Above Dayville (6b)	(7)	(8)		(1)	Total	Grande Ronde River direct (2a)	Wallowa River (2b)
1	Total acres irrigated in Census year.....1959...	49,000	19,000	30,000	33,000	23,000	190,000	3,000	61,000	21,000	40,000
2	1949...	43,873	17,116	26,757	29,738	16,777	210,102	3,629	60,506	16,016	44,490
3	Irrigation organizations.....organizations 1959...	49	5	44	18	46	269	8	91	33	58
4	1949...	54	11	43	18	51	304	8	106	43	63
	Service area, 1959:										
5	Farm area reported served by organizations.....acres 1959...	11,249	359	10,890	26,312	12,073	186,850	726	62,967	19,912	43,055
6	Farm area reported irrigated by organizations.....acres 1959...	11,225	348	10,877	24,900	11,540	167,170	651	54,658	13,803	40,855
7	Water users served, total.....water users 1959...	335	16	319	1,222	724	2,253	18	921	332	589
8	Farm irrigation water users.....water users 1959...	273	16	257	880	653	2,054	18	865	320	545
9	Residential water users.....water users 1959...	62	...	62	342	70	199	...	56	12	44
10	Other water users.....water users 1959...	...	...	...	...	1	...	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959										
11	Ground water sources.....acres...	1,000	1,000	...	5,000	13,000	5,000	...	2,000	1,000	1,000
12	Surface water sources.....acres...	48,000	18,000	30,000	28,000	10,000	185,000	3,000	59,000	20,000	39,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959										
13	Total entering conveyance systems in basin.....organizations...	49	5	44	16	46	267	8	91	33	58
14	acre-feet...	59,050	1,832	57,218	224,429	70,906	617,637	25,170	233,209	46,348	186,861
15	From another drainage basin.....organizations...	...	...	...	...	1	1	1	1	...	1
16	acre-feet...	...	...	...	...	4,364	1,400	1,400	18,738	...	18,738
17	From drainage basin number.....D. B. No....	...	...	...	...	Washington I-A-1b	...	I-F-1	...	...	I-E-1
18	From natural sources within basin...organizations...	49	5	44	15	45	266	8	89	33	56
19	acre-feet...	59,050	1,832	57,218	224,429	66,542	616,237	23,770	214,471	46,348	168,123
20	Surface water.....organizations...	49	5	44	15	38	266	8	89	33	56
21	acre-feet...	58,852	1,832	57,020	224,429	63,765	616,136	23,770	214,396	46,348	168,048
22	Ground water.....organizations...	1	...	1	...	7	2	...	1	...	1
23	acre-feet...	198	...	198	...	2,777	101	...	75	...	75
24	*From other organizations in the basin*.....*organizations receiving*...	...	...	...	3	1	2	...	2	...	2
25	*acre-feet*...	...	...	...	5,799	276	18,230	...	18,230	...	18,230
26	Total leaving conveyance systems.....organizations...	49	5	44	16	46	267	8	91	33	58
27	acre-feet...	59,050	1,832	57,218	224,429	70,906	617,637	25,170	233,209	46,348	186,861
28	Conveyance loss in basin.....organizations...	46	5	41	6	14	224	8	81	32	49
29	acre-feet...	5,955	139	5,816	89,139	3,901	71,729	2,630	28,543	7,132	21,411
30	Conveyed to another drainage basin..organizations...	...	...	...	...	...	...	1	...	...	...
31	acre-feet...	...	...	...	...	...	...	18,738	...	...	...
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	I-E-2b	...	...	...
33	Delivered for use in the basin.....organizations...	49	5	44	16	46	266	7	90	33	57
34	acre-feet...	53,095	1,693	51,402	135,290	67,005	545,908	3,802	204,666	39,216	165,450
35	To farm irrigation water users...organizations...	49	5	44	16	46	266	7	90	33	57
36	acre-feet...	52,907	1,693	51,214	133,190	66,552	544,274	3,802	203,744	39,191	164,553
37	To residential water users.....organizations...	1	...	1	2	2	9	...	6	2	4
38	acre-feet...	188	...	188	2,100	281	1,634	...	922	25	897
39	For other use.....organizations...	...	...	...	...	1	...	...	...	...	...
40	acre-feet...	...	...	...	...	172	...	...	...	...	...
41	*Delivered to other irrigation organizations*.....*organizations delivering*...	...	...	...	1	1	2	...	2	...	2
42	*acre-feet*...	...	...	...	5,799	276	18,230	...	18,230	...	18,230
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	4.7	4.9	4.7	5.3	5.8	3.3	5.8	3.7	2.8	4.0
	NEW CAPITAL INVESTMENT, 1950-1959										
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	8	...	8	7	...	137	4	42	14	28
45	dollars...	18,231	...	18,231	132,590	...	390,197	3,700	90,597	38,443	52,154

[1]11,957 acre-feet from D. B. No. Idaho I-F-6, 12,326 acre-feet from D. B. No. Idaho I-F-1, 281,845 acre-feet from D. B. No. I-F-5a. [2]22,055 acre-feet from D. B. No. I-A-4a, 30,402 acre-feet from D. B. No. II-A-7. [3]1,400 acre-feet to D. B. No. I-E-1, 47,468 acre-feet to D. B. No. I-F-4a, 101,201 acre-feet to D. B. No. Idaho I-F-1.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

Columbia River—Continued													Klamath River (II-A)		
Snake River below Weiser, Idaho (I-E)—Continued					Snake River Weiser, Idaho to King Hill, Idaho (I-F)							South Pacific Coast, total	Total	Klamath River direct and Lower Klamath Lake	
	Powder River						Malheur River								
Pine Creek (4)	Total	Below Thief Valley Reservoir (5a)	Above Thief Valley Reservoir (5b)	Burnt River (6)	Total	Snake River direct (1)	Total	Malheur River direct below Warm Springs (4a)	Malheur River direct above Warm Springs (4b)	Willow Creek (4c)	Owyhee River (5)			(1, 5)	
12,000	93,000	20,000	73,000	21,000	214,000	104,000	89,000	59,000	5,000	25,000	21,000	261,000	231,000	47,000	1
14,687	103,832	24,190	79,642	27,448	205,738	93,567	84,959	50,734	11,453	22,772	27,212	244,980	219,595	43,851	2
42	105	21	84	24	28	10	15	11	3	3	5	44	38	10	3
50	114	21	93	27	30	10	14	10	3	3	6	43	33	9	4
17,785	91,189	23,079	68,110	14,183	159,567	80,861	69,169	44,498	2,411	22,260	9,537	198,111	181,783	39,607	5
16,972	80,987	22,329	58,658	13,902	155,102	77,706	68,359	43,688	2,411	22,260	9,037	185,823	170,823	37,395	6
429	787	300	487	98	2,838	1,671	1,110	716	19	375	57	6,543	6,385	1,130	7
305	768	281	487	98	2,746	1,588	1,105	716	19	370	53	1,707	1,549	227	8
124	19	19	...	...	92	83	5	...	...	5	4	4,835	4,835	902	9
...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	10
...	2,000	...	2,000	1,000	54,000	40,000	13,000	10,000	...	3,000	1,000	28,000	26,000	6,000	11
12,000	91,000	20,000	71,000	20,000	160,000	64,000	76,000	49,000	5,000	22,000	20,000	233,000	205,000	41,000	12
42	104	20	84	23	28	10	15	11	3	3	5	43	37	9	13
60,654	255,577	121,398	134,179	61,765	809,669	561,220	269,752	247,701	15,243	77,304	308,010	1,121,549	1,072,652	179,505	14
...	...	...	...	...	2	3	1	1	...	2	...	1	1	2	15
...	...	...	...	...	24,283	306,128	47,468	47,468	...	70,496	...	22,055	22,055	52,457	16
...	...	...	...	...	...	(1)	...	I-F-1	...	I-F-1	...	...	...	(2)	17
42	104	20	84	23	28	10	14	10	3	3	5	43	37	8	18
60,654	255,577	121,398	134,179	61,765	785,386	255,092	222,284	200,233	15,243	6,808	308,010	1,099,494	1,050,597	127,048	19
42	104	20	84	23	28	10	14	10	3	3	5	43	37	8	20
60,654	255,551	121,398	134,153	61,765	554,565	24,271	222,284	200,233	15,243	6,808	308,010	1,081,075	1,032,178	127,048	21
...	1	...	1	...	1	1	...	...	...	...	...	1	1	...	22
...	26	...	26	...	230,821	230,821	...	...	...	...	...	18,419	18,419	...	23
...	...	...	...	...	2	2	...	...	...	...	...	7	7	2	24
...	...	...	...	...	167,744	167,744	...	...	...	...	...	61,814	61,814	5,691	25
42	104	20	84	23	28	10	15	11	3	3	5	43	37	9	26
60,654	255,577	121,398	134,179	61,765	809,669	561,220	269,752	247,701	15,243	77,304	308,010	1,121,549	1,072,652	179,505	27
31	86	16	70	19	26	9	14	10	3	3	4	34	28	7	28
4,395	30,181	14,873	15,308	5,980	128,847	63,312	55,526	38,614	2,784	14,128	10,009	139,184	121,214	28,482	29
...	...	...	...	...	2	3	...	2	...	...	1	4	4	1	30
...	...	...	...	...	102,601	150,069	...	70,496	...	...	281,845	423,389	423,389	22,055	31
...	...	...	...	...	...	(3)	...	I-F-4c	...	...	...	...	...	I-A-4d	32
42	104	20	84	23	28	10	15	11	3	3	4	42	36	9	33
56,259	225,396	106,525	118,871	55,785	578,221	347,839	214,226	138,591	12,459	63,176	16,156	558,976	528,049	128,968	34
42	104	20	84	23	28	10	15	11	3	3	4	42	36	9	35
55,647	225,296	106,425	118,871	55,785	577,072	347,080	213,886	138,591	12,459	62,836	16,106	523,990	493,063	97,982	36
2	1	1	...	...	4	2	1	...	...	1	1	3	3	2	37
612	100	100	...	...	1,149	759	340	...	...	340	50	6,250	6,250	2,250	38
...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	39
...	...	...	...	...	...	...	...	...	...	...	...	28,736	28,736	28,736	40
...	...	...	...	...	1	1	...	...	...	...	...	2	2	2	41
...	...	...	...	...	167,744	167,744	...	...	...	...	...	61,814	61,814	5,691	42
3.3	3.0	4.8	2.0	4.0	3.7	4.5	3.1	3.2	5.2	2.8	1.8	2.8	2.9	2.8	43
25	49	12	37	17	9	3	4	3	...	3	3	21	21	6	44
47,085	201,315	103,934	97,381	47,500	454,696	341,207	82,739	64,526	...	18,213	30,750	5,080,671	5,080,671	695,462	45

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Klamath River (II-A)—Continued		Sacramento River (II-D), Goose Lake	Great Basin (Northwest Great Basin) (III-A)					
		Lost River	Upper Klamath Lake and Williamson Reservoir		Total	Lake Abert area, Silver and Summer Lakes area, Cowhead and Warner Lakes area	Central Desert area	Malheur Lake area	Trout and Whitehorse Creeks	Quinn River
		(6)	(7, 8)			(1, 2, 3)	(5)	(6)	(7)	(8)
1	Total acres irrigated in Census year.....1959...	95,000	89,000	30,000	156,000	70,000	1,000	67,000	13,000	5,000
2	1949...	77,241	98,503	25,385	235,749	99,100	2,543	110,236	16,890	6,980
3	Irrigation organizations.....organizations 1959...	11	21	6	26	9	...	17	...	...
4	1949...	7	20	10	32	10	...	22	...	...
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	91,803	50,373	16,328	49,959	29,528	...	20,431	...	...
6	Farm area reported irrigated by organizations.....acres 1959...	89,892	43,536	15,000	41,083	25,046	...	16,037	...	...
7	Water users served, total.....water users 1959...	5,117	138	158	135	69	...	66	...	...
8	Farm irrigation water users.....water users 1959...	1,184	138	158	130	64	...	66	...	...
9	Residential water users.....water users 1959...	3,933	...	...	5	5	...	...	...	...
10	Other water users.....water users 1959...	...	...	...	...	...	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	14,000	6,000	2,000	15,000	9,000	...	4,000	2,000	...
12	Surface water sources.....acres...	81,000	83,000	28,000	141,000	61,000	1,000	63,000	11,000	5,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	11	21	6	26	9	...	17	...	...
14	acre-feet...	750,422	427,501	48,897	97,531	73,470	...	24,061	...	...
15	From another drainage basin.....organizations...	1	...	...	...	...	...	...	...	...
16	acre-feet...	254,374	...	...	...	...	...	...	...	...
17	From drainage basin number.....D. B. No....	II-A-7	...	...	...	...	...	...	...	...
18	From natural sources within basin...organizations...	11	21	6	26	9	...	17	...	...
19	acre-feet...	496,048	427,501	48,897	97,531	73,470	...	24,061	...	...
20	Surface water.....organizations...	11	21	6	26	9	...	17	...	...
21	acre-feet...	477,629	427,501	48,897	97,531	73,470	...	24,061	...	...
22	Ground water.....organizations...	1	...	...	...	...	...	...	...	...
23	acre-feet...	18,419	...	...	...	...	...	...	...	...
24	*From other organizations in the basin.....organizations receiving...*	5	...	...	...	...	...	...	...	...
25	*acre-feet...*	56,123	...	...	...	...	...	...	...	...
26	Total leaving conveyance systems.....organizations...	11	21	6	26	9	...	17	...	...
27	acre-feet...	750,422	427,501	48,897	97,531	73,470	...	24,061	...	...
28	Conveyance loss in basin.....organizations...	8	14	6	25	8	...	17	...	...
29	acre-feet...	87,075	5,657	17,970	9,054	5,212	...	3,842	...	...
30	Conveyed to another drainage basin..organizations...	1	4	...	...	...	...	...	...	...
31	acre-feet...	382,419	303,691	...	...	...	...	...	...	...
32	To drainage basin number.....D. B. No....	California II-A-6	(1)	...	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	11	19	6	26	9	...	17	...	...
34	acre-feet...	280,928	118,155	30,927	88,477	68,258	...	20,219	...	...
35	To farm irrigation water users...organizations...	11	19	6	26	9	...	17	...	...
36	acre-feet...	276,928	118,153	30,927	88,427	68,208	...	20,219	...	...
37	To residential water users.....organizations...	2	...	...	1	1	...	...	...	...
38	acre-feet...	4,000	...	...	50	50	...	...	...	...
39	For other use.....organizations...	...	...	...	...	...	...	...	...	...
40	acre-feet...	...	...	...	...	...	...	...	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	1	...	...	...	...	...	...	...	...
42	*acre-feet...*	56,123	...	...	...	...	...	...	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.1	2.7	2.1	2.2	2.7	...	1.3	...	...
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	7	10	...	3	2	...	1	...	...
45	dollars...	3,818,512	566,697	...	18,500	18,000	...	500	...	...

[1] 30,402 acre-feet to D. B. No. II-A-5, 14,301 acre-feet to D. B. No. I-A-4a, 4,614 acre-feet to D. B. No. California II-A-6, 254,374 acre-feet to D. B. No. II-A-6.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	Oregon, total	North Pacific Coast excluding Columbia River (I-A)	Columbia River below Snake River (I-B)	Snake River below Weiser, Idaho to King Hill, Idaho (I-E and I-F)	Klamath River (II-A)
1	Irrigation organizations, total number.....organizations 1959...	650	111	175	296	38
2	1949...	755	131	216	334	33
3	Area irrigated as reported by organizations.....acres 1959...	846,182	59,524	237,480	322,272	170,823
4	1949...	739,052	53,630	186,111	305,070	123,467
5	Farm water users served directly....water users 1959...	17,712	4,634	6,441	4,800	1,549
6	Total water conveyed.....acre-feet 1959...	4,461,553	289,597	1,337,593	1,611,880	1,134,466
	TYPE OF ORGANIZATION					
	Mutual:					
7	Unincorporated.....organizations 1959...	473	86	113	232	13
8	1949...	580	106	150	268	16
9	Farm area irrigated directly.....acres 1959...	193,100	15,092	18,350	107,105	10,570
10	Farm water users served directly.....water users 1959...	2,513	420	609	1,272	64
11	Total water conveyed.....acre-feet 1959...	683,382	64,873	94,855	394,148	36,625
12	Incorporated.....organizations 1959...	115	17	37	54	5
13	1949...	117	16	42	54	4
14	Farm area irrigated directly.....acres 1959...	146,039	7,287	37,402	80,417	8,333
15	Farm water users served directly.....water users 1959...	3,084	256	1,467	1,111	113
16	Total water conveyed.....acre-feet 1959...	613,757	26,475	177,450	332,635	28,650
17	District.....organizations 1959...	55	7	21	10	18
18	1949...	47	7	20	10	10
19	Farm area irrigated directly.....acres 1959...	(D)	(D)	(D)	134,750	137,815
20	Farm water users served directly.....water users 1959...	(D)	(D)	(D)	2,417	1,322
21	Total water conveyed.....acre-feet 1959...	(D)	(D)	(D)	885,097	1,017,190
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau...organizations 1959...	3	...	2	...	1
23	1949...	5	...	2	2	1
24	Farm area irrigated directly.....acres 1959...	12,645	...	...	...	12,645
25	Farm water users served directly.....water users 1959...	30	...	...	...	30
26	Total water conveyed.....acre-feet 1959...	44,701	...	...	...	44,701
27	*U. S. Bureau of Reclamation; operated by water users .....organizations 1959...*	32	4	11	7	13
28	*1949...*	11	NA	NA	NA	NA
29	Farm area irrigated directly.....acres 1959...	391,972	29,104	146,171	101,699	114,998
30	Farm water users served directly.....water users 1959...	9,462	3,477	2,761	1,928	1,336
31	Total water conveyed.....acre-feet 1959...	2,754,120	158,508	913,568	772.993	967,462
32	U. S. Bureau of Indian Affairs....organizations 1959...	2	...	1	...	1
33	1949...	3	...	1	...	2
34	Farm area irrigated directly.....acres 1959...	1,790	...	330	...	1,460
35	Farm water users served directly.....water users 1959...	37	...	17	...	20
36	Total water conveyed.....acre-feet 1959...	11,275	...	3,975	...	7,300
37	Commercial.....organizations 1959...	...	...	...	...	...
38	1949...	...	...	...	...	...
39	Farm area irrigated directly.....acres 1959...	...	...	...	...	...
40	Farm water users served directly.....water users 1959...	...	...	...	...	...
41	Total water conveyed.....acre-feet 1959...	...	...	...	...	...
42	State.....organizations 1959...	...	...	...	...	...
43	1949...	...	...	...	...	...
44	Farm area irrigated directly.....acres 1959...	...	...	...	...	...
45	Farm water users served directly.....water users 1959...	...	...	...	...	...
46	Total water conveyed.....acre-feet 1959...	...	...	...	...	...
47	City.....organizations 1959...	2	1	1	...	...
48	1949...	3	2	1	...	...
49	Farm area irrigated directly.....acres 1959...	(D)	(D)	(D)	...	...
50	Farm water users served directly.....water users 1959...	(D)	(D)	(D)	...	...
51	Total water conveyed.....acre-feet 1959...	(D)	(D)	(D)	...	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Oregon, total	North Pacific Coast excluding Columbia River (I-A)	Columbia River below Snake River (I-B)	Snake River below Weiser, Idaho and Snake River, Weiser, Idaho to King Hill, Idaho (I-E and I-F)	Klamath River (II-A)
	TYPE OF SERVICE, 1959					
1	All water directly from surface and ground water sources.....organizations...	627	110	166	290	31
2	Total water conveyed.....acre-feet...	4,139,701	274,097	1,310,673	1,391,207	1,075,707
3	Water delivered.....acre-feet...	2,999,487	202,192	965,130	1,198,592	514,169
4	To farm and residential users only.....organizations...	614	109	161	285	28
5	acre-feet...	1,915,020	175,685	674,453	719,716	225,762
6	To farm and residential users and other irrigation organizations.....organizations...	12	1	5	5	3
7	Water to farm and residential users.....acre-feet...	805,620	16,520	269,605	292,902	226,593
8	Water to other irrigation organizations.....acre-feet...	261,522	9,987	21,072	168,649	61,814
9	To other irrigation organizations only.....organizations...	1	...	...	1	...
10	acre-feet...	17,325	...	...	17,325	...
11	Part of water from other organizations.....organizations...	15	1	4	3	7
12	Total water conveyed.....acre-feet...	286,864	15,500	9,257	203,348	58,759
13	From surface and ground water sources.....acre-feet...	43,005	5,513	5,848	34,699	[1]-3,055
14	From other irrigation organizations.....acre-feet...	243,859	9,987	3,409	168,649	61,814
15	Water delivered.....acre-feet...	162,792	13,000	8,648	94,186	46,958
16	To farm and residential users only.....organizations...	15	1	4	3	7
17	acre-feet...	162,792	13,000	8,648	94,186	46,958
18	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...
19	Water to farm and residential users.....acre-feet...	...	...	...	...	...
20	Water to other irrigation organizations.....acre-feet...	...	...	...	...	...
21	To other irrigation organizations only.....organizations...	...	...	...	...	...
22	acre-feet...	...	...	...	...	...
23	All of water from other organizations.....organizations...	4	...	3	1	...
24	Total water conveyed.....acre-feet...	34,988	...	17,663	17,325	...
25	Water delivered.....acre-feet...	33,034	...	15,709	17,325	...
26	To farm and residential users only.....organizations...	4	...	3	1	...
27	acre-feet...	33,034	...	15,709	17,325	...
28	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...
29	Water to farm residential users.....acre-feet...	...	...	...	...	...
30	Water to other irrigation organizations.....acre-feet...	...	...	...	...	...
31	To other irrigation organizations only.....organizations...	...	...	...	...	...
32	acre-feet...	...	...	...	...	...
33	No water conveyed.....organizations...	4	...	2	2	...
	WATER FROM OTHER SOURCES					
34	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	577	107	150	255	37
35	acres served...	809,820	56,579	146,500	293,198	268,575
36	acres irrigated...	760,014	53,424	140,485	273,609	256,342
37	Water delivered to farms.....acre-feet...	2,568,770	174,269	595,128	1,042,269	678,440
38	acre-feet per acre...	3.3	3.2	4.2	3.8	2.6
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	68	4	23	38	1
40	acres served...	331,481	6,175	102,281	217,650	2,000
41	acres irrigated...	323,564	6,100	99,495	213,094	2,000
42	Water delivered to farms.....acre-feet...	1,252,745	24,893	367,000	851,522	2,530
43	acre-feet per acre...	3.9	4.1	3.6	4.0	1.2

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Oregon, total	North Pacific Coast excluding Columbia River (I-A)	Columbia River below Snake River (I-B)	Snake River below Weiser, Idaho to King Hill, Idaho (I-E and I-F)	Klamath River (II-A)
	WATER DELIVERED PER ACRE					
	Organizations reporting NO water from other sources used on same land:					
1	0.1 to 0.9 acre-feet per acre.....organizations...	28	8	2	13	...
2	acres irrigated...	20,602	780	460	12,856	...
3	1.0 to 1.9 acre-feet per acre.....organizations...	90	19	18	39	3
4	acres irrigated...	80,036	2,391	18,090	30,658	18,461
5	2.0 to 2.9 acre-feet per acre.....organizations...	127	24	20	62	14
6	acres irrigated...	221,968	27,362	9,935	28,656	149,003
7	3.0 to 3.9 acre-feet per acre.....organizations...	132	29	27	53	18
8	acres irrigated...	162,184	9,505	19,705	34,836	85,938
9	4.0 to 4.9 acre-feet per acre.....organizations...	84	13	24	46	1
10	acres irrigated...	167,226	2,838	61,833	101,075	1,480
11	5.0 to 5.9 acre-feet per acre.....organizations...	37	5	13	18	1
12	acres irrigated...	63,509	1,294	9,301	51,454	1,460
13	6.0 to 6.9 acre-feet per acre.....organizations...	25	5	10	10	...
14	acres irrigated...	24,932	8,222	8,707	8,003	...
15	7.0 to 7.9 acre-feet per acre.....organizations...	16	2	7	7	...
16	acres irrigated...	5,774	708	1,764	3,302	...
17	8.0 to 9.9 acre-feet per acre.....organizations...	28	2	21	5	...
18	acres irrigated...	11,972	324	9,454	2,194	...
19	10.0 or more acre-feet per acre.....organizations...	10	...	8	2	...
20	acres irrigated...	1,811	...	1,236	575	...
	SIZE OF ORGANIZATION					
	Size of organization (number of farm irrigation water users served directly):					
21	None.....organizations...	5	...	2	3	...
22	1 to 3.....organizations...	220	44	71	90	9
23	water users...	541	111	176	216	23
24	4 to 9.....organizations...	250	40	45	135	9
25	water users...	1,386	230	257	755	40
26	10 to 29.....organizations...	104	19	25	50	6
27	water users...	1,741	335	449	827	84
28	30 to 99.....organizations...	44	2	20	12	10
29	water users...	2,411	87	1,214	517	593
30	100 to 299.....organizations...	11	3	7	1	...
31	water users...	2,232	564	1,295	250	...
32	300 to 999.....organizations...	13	2	5	3	4
33	water users...	7,304	975	3,078	1,508	2,718
34	1,000 or more.....organizations...	3	1	...	2	...
35	water users...	7,238	2,332	...	5,038	...
	Size of organization (acre-feet of water delivered directly to farms):					
36	None.....organizations...	5	...	2	3	...
37	1 to 299 acre-feet.....organizations...	152	43	47	59	1
38	acre-feet...	22,194	4,841	7,679	9,234	240
39	300 to 999 acre-feet.....organizations...	198	37	56	90	4
40	acre-feet...	120,113	21,327	33,770	55,939	2,034
41	1,000 to 2,999 acre-feet.....organizations...	156	19	36	81	10
42	acre-feet...	282,017	29,777	66,691	149,233	18,265
43	3,000 to 9,999 acre-feet.....organizations...	85	7	18	44	10
44	acre-feet...	424,468	27,676	101,482	207,247	59,095
45	10,000 to 29,999 acre-feet.....organizations...	34	4	9	12	8
46	acre-feet...	588,769	68,890	179,614	177,052	132,011
47	30,000 to 99,999 acre-feet.....organizations...	13	1	5	4	3
48	acre-feet...	671,564	46,651	218,955	232,503	173,655
49	100,000 or more acre-feet.....organizations...	7	...	2	3	2
50	acre-feet...	1,712,390	...	353,937	1,062,783	295,670
	Size of organization (acre-feet of water conveyed):					
51	None.....organizations...	4	...	2	2	...
52	1 to 299 acre-feet.....organizations...	129	38	41	47	1
53	acre-feet...	18,619	4,103	6,731	7,297	266
54	300 to 999 acre-feet.....organizations...	193	35	57	88	4
55	acre-feet...	114,946	19,776	33,786	52,773	2,362
56	1,000 to 2,999 acre-feet.....organizations...	160	26	33	80	10
57	acre-feet...	281,400	44,411	56,730	139,457	21,206
58	3,000 to 9,999 acre-feet.....organizations...	102	7	23	56	9
59	acre-feet...	500,118	32,799	118,810	254,412	58,632
60	10,000 to 29,999 acre-feet.....organizations...	36	2	9	16	8
61	acre-feet...	627,723	41,055	173,156	252,343	118,169
62	30,000 to 99,999 acre-feet.....organizations...	17	3	8	3	3
63	acre-feet...	917,736	125,398	425,507	191,434	166,698
64	100,000 or more acre-feet.....organizations...	9	...	2	4	3
65	acre-feet...	3,067,787	...	518,509	1,842,108	707,170

State Table 3.—LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Oregon, total	North Pacific Coast, excluding Columbia River (I-A)	Columbia River below Snake River, (Oregon, Washington) (I-B)	Snake River below Weiser, Idaho, and Snake River, Weiser, Idaho, to King Hill, Idaho (I-E and I-F)	Klamath River (II-A)
1	Total acres irrigated.....farms reporting...	17,724	3,416	9,648	3,300	908
2	acres...	1,384,284	100,062	463,286	403,333	231,488
3	Acres irrigated by sprinklers.....farms reporting...	8,954	1,628	6,782	265	227
4	acres...	283,506	37,217	210,852	14,379	15,860
5	Sprinklers only.....farms reporting...	7,747	1,350	6,178	134	58
6	acres...	234,031	30,942	187,859	7,863	4,612
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959					
7	Ground water sources on farm.....farms reporting...	4,097	351	3,248	287	109
8	acres...	151,486	4,559	92,214	13,692	23,995
9	Ground water sources on farm only.farms reporting...	3,208	250	2,698	144	50
10	acres...	99,340	3,406	66,253	6,305	12,905
11	Surface sources on farm.....farms reporting...	6,551	1,639	3,629	864	132
12	acres...	561,303	52,394	180,437	123,725	67,920
13	Surface sources on farm only.....farms reporting...	5,596	1,496	3,135	637	90
14	acres...	465,244	48,583	149,172	99,843	56,389
15	Irrigation organization sources.....farms reporting...	8,445	1,617	3,477	2,473	758
16	acres...	671,495	43,109	190,635	265,916	139,573
17	Irrigation organization sources only.....farms reporting...	7,591	1,483	3,126	2,204	685
18	acres...	565,506	37,821	168,176	230,918	115,958
19	Both farm ground water sources and surface sources.....farms reporting...	472	52	338	44	10
20	acres...	64,334	1,672	35,025	10,141	3,854
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	857	135	351	271	73
22	acres...	189,860	8,580	44,660	56,126	42,382

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	Oregon, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	650	473	115	55	3	32	4
1949...	755	580	117	47	5	11	6
Service area, 1959:							
Area served, as reported by organizations.....acres...	903,222	218,746	156,348	(D)	13,310	400,656	(D)
Area irrigated, as reported by organizations.....acres...	846,182	193,100	146,039	(D)	12,645	391,972	(D)
Water users served, 1959, total.....water users...	33,437	2,621	4,217	(D)	32	17,374	(D)
Farm irrigation water users.....water users...	17,712	2,513	3,084	(D)	30	9,462	(D)
Residential water users.....water users...	14,690	103	1,068	(D)	2	7,900	(D)
Other water users.....water users...	1,035	5	65	(D)	...	12	(D)
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	627	472	107	43	1	21	4
Total water conveyed.....acre-feet...	4,139,701	682,692	500,463	(D)	44,701	2,536,072	(D)
Water delivered.....acre-feet...	2,999,487	608,706	417,833	(D)	44,701	1,623,853	(D)
To farm and residential users only.....organizations...	614	471	105	33	1	14	4
acre-feet...	1,915,020	591,381	412,642	(D)	44,701	622,260	(D)
To farm and residential users and other irrigation organizations.....organizations...	12	...	2	10	...	7	...
Water to farm and residential users.....acre-feet...	805,620	...	4,010	(D)	...	746,502	...
Water to other irrigation organizations.....acre-feet...	261,522	...	1,181	(D)	...	255,091	...
To other irrigation organizations only.....organizations...	1	1	...	...	...	...	...
acre-feet...	17,325	17,325	...	...	...	...	...
Part of water from other organizations.....organizations...	15	1	6	8	...	8	...
Total water conveyed.....acre-feet...	286,864	690	91,833	(D)	...	208,301	...
From surface and ground water sources.....acre-feet...	43,005	414	38,477	(D)	...	1,324	...
From other irrigation organizations.....acre-feet...	243,859	276	53,356	(D)	...	206,977	...
Water delivered.....acre-feet...	162,792	518	82,000	(D)	...	90,662	...
To farm and residential users only.....organizations...	15	1	6	8	...	8	...
acre-feet...	162,792	518	82,000	(D)	...	90,662	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	4	...	2	2	...	1	...
Total water conveyed.....acre-feet...	34,988	...	21,461	(D)	...	9,747	...
Water delivered.....acre-feet...	33,034	...	21,461	(D)	...	8,773	...
To farm and residential users only.....organizations...	4	...	2	2	...	1	...
acre-feet...	33,034	...	21,461	(D)	...	8,773	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	4	...	...	2	2	2	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	577	434	97	42	1	24	3
acres served...	809,820	195,615	129,079	(D)	20,960	391,756	(D)
acres irrigated...	760,014	174,753	119,231	(D)	19,912	382,351	(D)
water delivered to farms (acre-feet)...	2,568,770	542,713	410,904	(D)	70,000	1,370,053	(D)
acre-feet per acre...	3.3	3.1	3.4	3.4	3.5	3.6	4.5
Organizations reporting water from other sources used on land served by the organization.....organizations...	68	38	18	11	...	6	1
acres served...	331,481	23,131	27,269	(D)	...	236,117	(D)
acres irrigated...	323,564	18,347	26,808	(D)	...	234,750	(D)
water delivered to farms (acre-feet)...	1,252,745	48,855	103,858	(D)	...	964,387	(D)
acre-feet per acre...	3.9	2.6	3.8	3.9	...	4.1	1.0
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	277	177	59	38	1	24	2
By U. S. B. R.....dollars...	3,912,131	...	498,300	(D)	1,884,883	2,027,248	...
By water users organizations.....dollars...	5,676,737	364,516	590,261	(D)	...	4,340,545	(D)

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Oregon, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	646	473	115	53	1	30	4
acre-feet...	4,182,706	683,106	538,940	(D)	44,701	2,537,396	(D)
From another drainage basin.....organizations...	3	...	...	3	...	1	...
acre-feet...	28,647	...	...	(D)	...	11,957	...
From drainage basin...,.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	642	473	113	51	1	29	4
acre-feet...	4,154,059	683,106	538,940	(D)	44,701	2,525,439	(D)
Surface water.....organizations...	631	465	110	51	1	29	4
acre-feet...	3,891,300	680,091	537,653	(D)	44,701	2,276,199	(D)
Ground water.....organizations...	18	10	4	3	...	2	1
acre-feet...	262,759	3,015	1,287	(D)	...	249,240	(D)
From other organizations in the basin.....organizations receiving...	19	1	8	10	...	8	...
acre-feet...	278,847	276	74,817	(D)	...	216,724	...
Total leaving conveyance systems.....organizations...	646	473	115	53	1	30	4
acre-feet...	4,182,706	666,057	612,576	(D)	44,701	2,499,029	(D)
Conveyance loss in basin.....organizations...	499	366	85	46	...	27	2
acre-feet...	730,281	73,976	91,427	(D)	...	512,989	(D)
Conveyed to another drainage basin.....organizations...	4	...	...	4	...	3	...
acre-feet...	503,598	...	...	(D)	...	488,234	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	645	472	115	53	1	30	4
acre-feet...	2,948,827	592,081	521,149	(D)	44,701	1,497,806	(D)
To farm irrigation water users.....organizations...	645	472	115	53	1	30	4
acre-feet...	2,885,053	591,568	514,762	(D)	44,451	1,449,277	(D)
To domestic water users.....organizations...	44	12	15	13	1	11	3
acre-feet...	31,413	331	5,351	(D)	250	18,920	(D)
For other use.....organizations...	14	2	6	3	...	2	3
acre-feet...	32,361	182	1,036	(D)	...	29,609	(D)
Delivered to other irrigation organizations..... organizations delivering...	11	1	2	8	...	5	...
acre-feet...	278,847	17,325	1,181	(D)	...	255,091	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	6	2	...	(D)	2	2	(D)
1 to 3 water users.....organizations...	220	210	7	(D)	...	...	(D)
4 to 9 water users.....organizations...	250	214	34	(D)	...	1	(D)
10 to 29 water users.....organizations...	103	43	52	(D)	...	1	(D)
30 to 99 water users.....organizations...	44	4	17	(D)	1	11	(D)
100 to 299 water users.....organizations...	11	...	4	(D)	...	6	(D)
300 to 999 water users.....organizations...	13	...	1	(D)	...	9	(D)
1,000 or more water users.....organizations...	3	...	...	(D)	...	2	(D)
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	5	1	...	(D)	2	2	(D)
1 to 299 acre-feet.....organizations...	152	142	9	(D)	...	...	(D)
300 to 999 acre-feet.....organizations...	198	166	29	(D)	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	156	119	32	(D)	...	1	(D)
3,000 to 9,999 acre-feet.....organizations...	85	40	32	(D)	...	5	(D)
10,000 to 29,999 acre-feet.....organizations...	34	4	12	(D)	...	9	(D)
30,000 to 99,999 acre-feet.....organizations...	13	1	1	(D)	1	9	(D)
100,000 or more acre-feet.....organizations...	7	...	...	(D)	...	6	(D)
Size of organization (acre-feet of water conveyed):							
None.....organizations...	4	...	...	(D)	2	2	(D)
1 to 299 acre-feet.....organizations...	129	123	5	(D)	...	...	(D)
300 to 999 acre-feet.....organizations...	193	165	27	(D)	...	1	(D)
1,000 to 2,999 acre-feet.....organizations...	160	128	28	(D)	...	1	(D)
3,000 to 9,999 acre-feet.....organizations...	102	50	38	(D)	...	2	(D)
10,000 to 29,999 acre-feet.....organizations...	36	7	14	(D)	...	8	(D)
30,000 to 99,999 acre-feet.....organizations...	17	...	3	(D)	1	9	(D)
100,000 or more acre-feet.....organizations...	9	...	...	(D)	. .	9	(D)

D Data not shown to avoid disclosure of information for individual organizations.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	North Pacific Coast, excluding Columbia River (I-A)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	111	86	17	7	...	4	1
1949...	131	106	16	7	...	NA	2
Service area, 1959:							
Area served, as reported by organizations.....acres...	62,754	16,441	8,148	(D)	...	30,099	(D)
Area irrigated, as reported by organizations.....acres...	59,524	15,092	7,287	(D)	...	29,104	(D)
Water users served, 1959, total.....water users...	9,824	455	389	(D)	...	5,467	(D)
Farm irrigation water users.....water users...	4,634	420	256	(D)	...	3,437	(D)
Residential water users.....water users...	4,733	31	132	(D)	...	2,030	(D)
Other water users.....water users...	457	4	1	...	...	...	(D)
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	110	86	17	6	...	3	1
Total water conveyed.....acre-feet...	274,097	64,873	26,475	(D)	...	120,953	(D)
Water delivered.....acre-feet...	202,192	54,080	23,484	(D)	...	93,297	(D)
To farm and residential users only.....organizations...	109	86	17	5	...	2	1
acre-feet...	175,685	54,080	23,484	(D)	...	66,790	(D)
To farm and residential users and other irrigation organizations.....organizations...	1	...	...	1	...	1	...
Water to farm and residential users.....acre-feet...	16,520	...	...	(D)	...	16,520	...
Water to other irrigation organizations.....acre-feet...	9,987	...	...	(D)	...	9,987	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	1	...	...	1	...	1	...
Total water conveyed.....acre-feet...	15,500	...	...	(D)	...	37,555	...
From surface and ground water sources.....acre-feet...	5,513	...	...	(D)	...	5,513	...
From other irrigation organizations.....acre-feet...	9,987	...	...	(D)	...	9,987	...
Water delivered.....acre-feet...	13,000	...	...	(D)	...	13,000	...
To farm and residential users only.....organizations...	1	...	...	1	...	1	...
acre-feet...	13,000	...	...	(D)	...	13,000	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	107	83	17	6	...	4	1
acres served...	56,579	16,154	8,148	(D)	...	30,099	(D)
acres irrigated...	53,424	14,880	7,287	(D)	...	29,104	(D)
water delivered to farms (acre-feet)...	174,269	53,161	23,036	(D)	...	91,541	(D)
acre-feet per acre...	3.2	3.5	3.1	3.1	...	3.0	1.5
Organizations reporting water from other sources used on land served by the organization.....organizations...	4	3	...	1	...	...	...
acres served...	6,175	287	...	(D)	...	...	...
acres irrigated...	6,100	212	...	(D)	...	...	...
water delivered to farms (acre-feet)...	24,893	893	...	(D)	...	...	...
acre-feet per acre...	4.1	4.2	...	4.1	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	52	34	11	6	...	4	1
By U. S. B. R.....dollars...	708,816	...	...	(D)	...	708,816	...
By water users organizations.....dollars...	858,996	94,366	148,976	(D)	...	530,954	(D)

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	North Pacific Coast, excluding Columbia River (I-A)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	111	86	17	7	...	4	1
acre-feet...	279,610	64,873	26,475	(D)	...	148,521	(D)
From another drainage basin.....organizations...	2	...	...	2	...	2	...
acre-feet...	36,356	...	...	(D)	...	36,356	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	111	86	17	7	...	4	1
acre-feet...	243,254	64,873	26,475	(D)	...	112,165	(D)
Surface water.....organizations...	111	86	17	7	...	4	1
acre-feet...	236,054	64,873	26,475	(D)	...	112,165	(D)
Ground water.....organizations...	1	...	...	1	...	...	...
acre-feet...	7,200	...	...	(D)	...	...	...
From other organizations in the basin.....organizations receiving...	1	...	...	1	...	1	...
acre-feet...	9,987	...	...	(D)	...	9,987	...
Total leaving conveyance systems.....organizations...	111	86	17	7	...	4	1
acre-feet...	279,610	64,873	26,475	(D)	...	148,521	(D)
Conveyance loss in basin.....organizations...	79	60	12	7	...	4	...
acre-feet...	51,877	10,783	2,790	(D)	...	30,156	...
Conveyed to another drainage basin.....organizations...	1	...	...	1	...	1	...
acre-feet...	22,055	...	...	(D)	...	22,055	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	111	86	17	7	...	4	1
acre-feet...	205,678	54,090	23,685	(D)	...	96,310	(D)
To farm irrigation water users.....organizations...	111	86	17	7	...	4	1
acre-feet...	199,162	54,054	23,036	(D)	...	91,541	(D)
To domestic water users.....organizations...	10	3	3	3	...	3	1
acre-feet...	6,043	26	448	(D)	...	4,769	(D)
For other use.....organizations...	3	1	1	...	...	...	1
acre-feet...	473	10	201	...	...	...	(D)
Delivered to other irrigation organizations.....organizations delivering...	1	...	...	1	...	1	...
acre-feet...	9,987	...	...	(D)	...	9,987	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	1	1	...	(D)	...	...	(D)
1 to 3 water users.....organizations...	44	41	3	(D)	...	...	(D)
4 to 9 water users.....organizations...	40	37	3	(D)	...	...	(D)
10 to 29 water users.....organizations...	18	7	11	(D)	...	...	(D)
30 to 99 water users.....organizations...	2	...	...	(D)	...	...	(D)
100 to 299 water users.....organizations...	3	...	...	(D)	...	1	(D)
300 to 999 water users.....organizations...	2	...	...	(D)	...	2	(D)
1,000 or more water users.....organizations...	1	...	...	(D)	...	1	(D)
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	43	41	2	(D)	...	...	(D)
300 to 999 acre-feet.....organizations...	37	28	8	(D)	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	19	13	5	(D)	...	...	(D)
3,000 to 9,999 acre-feet.....organizations...	7	4	2	(D)	...	...	(D)
10,000 to 29,999 acre-feet.....organizations...	4	...	...	(D)	...	3	(D)
30,000 to 99,999 acre-feet.....organizations...	1	...	...	(D)	...	1	(D)
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	38	37	1	(D)	...	...	(D)
300 to 999 acre-feet.....organizations...	35	29	6	(D)	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	26	16	8	(D)	...	...	(D)
3,000 to 9,999 acre-feet.....organizations...	7	4	2	(D)	...	...	(D)
10,000 to 29,999 acre-feet.....organizations...	2	...	...	(D)	...	2	(D)
30,000 to 99,999 acre-feet.....organizations...	3	...	...	(D)	...	2	(D)
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Columbia River below Snake River, (Oregon, Washington) (I-B)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	175	113	37	21	2	11	2
1949...	216	150	42	20	2	NA	2
Service area, 1959:							
Area served, as reported by organizations.....acres...	245,981	19,343	40,469	(D)	...	148,473	(D)
Area irrigated, as reported by organizations.....acres...	237,480	18,350	37,402	(D)	...	146,171	(D)
Water users served, 1959, total.....water users...	11,844	637	2,271	(D)	...	3,758	(D)
Farm irrigation water users.....water users...	6,441	609	1,467	(D)	...	2,761	(D)
Residential water users.....water users...	4,826	27	740	(D)	...	986	(D)
Other water users.....water users...	577	1	64	12	...	11	(D)
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	166	112	34	18	...	10	2
Total water conveyed.....acre-feet...	1,310,673	94,165	168,197	(D)	...	903,821	(D)
Water delivered.....acre-feet...	965,130	86,476	138,588	(D)	...	635,070	(D)
To farm and residential users only.....organizations...	161	112	33	14	...	8	2
acre-feet...	674,453	86,476	136,412	(D)	...	391,259	(D)
To farm and residential users and other irrigation organizations.....organizations...	5	...	1	4	...	2	...
Water to farm and residential users.....acre-feet...	269,605	...	1,900	(D)	...	228,265	...
Water to other irrigation organizations.....acre-feet...	21,072	...	276	(D)	...	15,546	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	4	1	2	1	...	...	...
Total water conveyed.....acre-feet...	9,257	690	5,117	(D)	...	...	...
From surface and ground water sources.....acre-feet...	5,848	414	3,454	(D)	...	...	...
From other irrigation organizations.....acre-feet...	3,409	276	1,663	(D)	...	...	...
Water delivered.....acre-feet...	8,648	518	4,680	(D)	...	...	...
To farm and residential users only.....organizations...	4	1	2	1	...	...	...
acre-feet...	8,648	518	4,680	(D)	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	3	...	1	2	...	1	...
Total water conveyed.....acre-feet...	17,663	...	4,136	(D)	...	9,747	...
Water delivered.....acre-feet...	15,709	...	4,136	(D)	...	8,773	...
To farm and residential users only.....organizations...	3	...	1	2	...	1	...
acre-feet...	15,709	...	4,136	(D)	...	8,773	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	2	...	...	...	2	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	150	103	32	14	...	7	1
acres served...	146,500	17,911	34,546	(D)	...	74,623	(D)
acres irrigated...	140,485	17,015	31,496	(D)	...	73,688	(D)
water delivered to farms (acre-feet)...	595,128	83,208	121,383	(D)	...	344,377	(D)
acre-feet per acre...	4.2	4.9	3.8	4.2	...	4.7	5.6
Organizations reporting water from other sources used on land served by the organization.....organizations...	23	10	5	7	...	4	1
acres served...	102,281	1,432	5,923	(D)	...	73,850	(D)
acres irrigated...	99,495	1,335	5,906	(D)	...	72,483	(D)
water delivered to farms (acre-feet)...	367,000	3,700	22,652	(D)	...	276,523	(D)
acre-feet per acre...	3.6	2.8	3.8	3.7	...	3.8	0.9
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	55	23	16	15	...	8	1
By U. S. B. R.....dollars...	1,312,432	...	498,300	(D)	...	1,312,432	...
By water users organizations.....dollars...	764,560	54,675	213,859	(D)	...	252,022	(D)

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Columbia River below Snake River, (Oregon, Washington) (I-B)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	173	113	37	21	...	11	2
acre-feet...	1,316,521	94,579	171,651	(D)	...	903,821	(D)
From another drainage basin.....organizations...	1	...	...	1	...	...	...
acre-feet...	4,364	...	...	(D)	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	170	113	36	19	...	10	2
acre-feet...	1,312,157	94,579	171,651	(D)	...	903,821	(D)
Surface water.....organizations...	159	105	33	19	...	10	2
acre-feet...	1,305,939	91,665	170,364	(D)	...	903,821	(D)
Ground water.....organizations...	13	8	4	...	...	...	1
acre-feet...	6,218	2,914	1,287	...	...	...	(D)
From other organizations in the basin.....organizations receiving...	7	1	3	3	...	1	...
acre-feet...	21,072	276	5,799	(D)	...	9,747	...
Total leaving conveyance systems.....organizations...	173	113	37	21	...	11	2
acre-feet...	1,316,521	94,855	177,174	(D)	...	898,022	(D)
Conveyance loss in basin.....organizations...	112	71	21	18	...	10	2
acre-feet...	329,590	7,689	29,211	(D)	...	268,852	(D)
Conveyed to another drainage basin.....organizations...	1	...	...	1	...	...	...
acre-feet...	15,364	...	...	(D)	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	173	113	37	21	...	11	2
acre-feet...	971,567	87,166	147,963	(D)	...	629,170	(D)
To farm irrigation water users.....organizations...	173	113	37	21	...	11	2
acre-feet...	952,128	86,908	144,035	(D)	...	620,900	(D)
To domestic water users.....organizations...	17	2	7	6	...	5	2
acre-feet...	16,287	86	3,093	(D)	...	7,397	(D)
For other use.....organizations...	10	1	5	2	...	2	2
acre-feet...	3,152	172	835	(D)	...	873	(D)
Delivered to other irrigation organizations..... organizations delivering...	5	...	1	4	...	2	...
acre-feet...	21,072	...	276	(D)	...	15,546	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	2	...	...	(D)	2	...	(D)
1 to 3 water users.....organizations...	71	68	3	(D)	...	...	(D)
4 to 9 water users.....organizations...	45	35	10	(D)	...	...	(D)
10 to 29 water users.....organizations...	25	8	13	(D)	...	1	(D)
30 to 99 water users.....organizations...	20	2	8	(D)	...	3	(D)
100 to 299 water users.....organizations...	7	...	2	(D)	...	4	(D)
300 to 999 water users.....organizations...	5	...	1	(D)	...	3	(D)
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	2	...	...	(D)	2	...	(D)
1 to 299 acre-feet.....organizations...	47	42	5	(D)	...	...	(D)
300 to 999 acre-feet.....organizations...	56	44	10	(D)	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	36	24	9	(D)	...	...	(D)
3,000 to 9,999 acre-feet.....organizations...	18	3	10	(D)	...	2	(D)
10,000 to 29,999 acre-feet.....organizations...	9	...	3	(D)	...	3	(D)
30,000 to 99,999 acre-feet.....organizations...	5	...	...	(D)	...	4	(D)
100,000 or more acre-feet.....organizations...	2	...	...	(D)	...	2	(D)
Size of organization (acre-feet of water conveyed):							
None.....organizations...	2	...	...	(D)	2	...	(D)
1 to 299 acre-feet.....organizations...	41	39	2	(D)	...	...	(D)
300 to 999 acre-feet.....organizations...	57	44	12	(D)	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	33	26	6	(D)	...	...	(D)
3,000 to 9,999 acre-feet.....organizations...	23	4	12	(D)	...	2	(D)
10,000 to 29,999 acre-feet.....organizations...	9	...	4	(D)	...	1	(D)
30,000 to 99,999 acre-feet.....organizations...	8	...	1	(D)	...	6	(D)
100,000 or more acre-feet.....organizations...	2	...	...	(D)	...	2	(D)

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Snake River below Weiser, Idaho and Snake River, Weiser, Idaho to King Hill, Idaho (I-E and I-F)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	296	232	54	10	...	7	...
1949...	334	268	54	10	2	NA	...
Service area, 1959:							
Area served, as reported by organizations.....acres...	346,417	121,351	84,830	140,236	...	105,352	...
Area irrigated, as reported by organizations.....acres...	322,272	107,105	80,417	134,750	...	101,699	...
Water users served, 1959, total.....water users...	5,091	1,312	1,307	2,472	...	1,979	...
Farm irrigation water users.....water users...	4,800	1,272	1,111	2,417	...	1,928	...
Residential water users.....water users...	291	40	196	55	...	51	...
Other water users.....water users...	...	...	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	290	232	51	7	...	4	...
Total water conveyed.....acre-feet...	1,391,207	394,148	247,227	749,832	...	637,728	...
Water delivered.....acre-feet...	1,198,592	352,351	215,753	630,488	...	536,298	...
To farm and residential users only.....organizations...	285	231	50	4	...	1	...
acre-feet...	719,716	335,026	212,738	171,952	...	95,150	...
To farm and residential users and other irrigation organizations.....organizations...	5	...	1	4	...	3	...
Water to farm and residential users.....acre-feet...	292,902	...	2,110	290,792	...	275,124	...
Water to other irrigation organizations.....acre-feet...	168,649	...	905	167,744	...	167,744	...
To other irrigation organizations only.....organizations...	1	1	...	...	...	...	...
acre-feet...	17,325	17,325	...	...	...	...	...
Part of water from other organizations.....organizations...	3	...	2	1	...	1	...
Total water conveyed.....acre-feet...	203,348	...	68,083	135,265	...	135,265	...
From surface and ground water sources.....acre-feet...	34,699	...	35,899	[1]-1,200	...	[1]-1,200	...
From other irrigation organizations.....acre-feet...	168,649	...	32,184	136,465	...	136,465	...
Water delivered.....acre-feet...	94,186	...	62,468	31,718	...	31,718	...
To farm and residential users only.....organizations...	3	...	2	1	...	1	...
acre-feet...	94,186	...	62,468	31,718	...	31,718	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	1	...	1	...	...	...	...
Total water conveyed.....acre-feet...	17,325	...	17,325	...	...	...	...
Water delivered.....acre-feet...	17,325	...	17,325	...	...	...	...
To farm and residential users only.....organizations...	1	...	1	...	...	...	...
acre-feet...	17,325	...	17,325	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	2	...	...	2	...	2	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	255	209	41	5	...	2	...
acres served...	293,198	105,314	63,484	124,400	...	105,016	...
acres irrigated...	273,609	95,180	59,515	118,914	...	101,363	...
water delivered to farms (acre-feet)...	1,042,269	299,925	211,625	530,719	...	470,069	...
acre-feet per acre...	3.8	3.1	3.5	4.5	...	4.6	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	38	22	13	3	...	2	...
acres served...	217,650	16,037	21,346	180,267	...	162,267	...
acres irrigated...	213,094	11,925	20,902	180,267	...	162,267	...
water delivered to farms (acre-feet)...	851,522	34,932	81,206	735,384	...	687,864	...
acre-feet per acre...	4.0	2.9	3.9	4.0	...	4.2	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	146	113	27	6	...	4	...
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	844,893	201,779	190,201	452,913	...	420,413	...

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Snake River below Weiser, Idaho and Snake River, Weiser, Idaho to King Hill, Idaho (I-E and I-F)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	295	232	54	9	...	5	...
acre-feet...	1,425,906	394,148	283,126	748,632	...	637,928	...
From another drainage basin.....organizations...	2	...	...	2	...	1	...
acre-feet...	24,283	...	...	24,283	...	11,957	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	294	232	53	9	...	5	...
acre-feet...	1,401,623	394,148	283,126	724,349	...	[1]-624,571	...
Surface water.....organizations...	294	232	53	9	...	5	...
acre-feet...	1,170,701	394,047	283,126	493,528	...	[1]-393,750	...
Ground water.....organizations...	3	2	...	1	...	1	...
acre-feet...	230,922	101	...	230,821	...	230,821	...
From other organizations in the basin.....organizations receiving...	4	...	3	1	...	1	...
acre-feet...	185,974	...	49,509	136,465	...	136,465	...
Total leaving conveyance systems.....organizations...	295	232	54	9	...	5	...
acre-feet...	1,425,906	376,823	331,730	717,353	...	606,649	...
Conveyance loss in basin.....organizations...	250	196	45	9	...	5	...
acre-feet...	200,576	41,797	37,089	121,690	...	102,056	...
Conveyed to another drainage basin.....organizations...	1	...	...	1	...	1	...
acre-feet...	101,201	...	...	101,201	...	101,201	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	294	231	54	9	...	5	...
acre-feet...	1,124,129	335,026	294,641	494,462	...	401,992	...
To farm irrigation water users.....organizations...	294	231	54	9	...	5	...
acre-feet...	1,121,346	334,857	292,831	493,658	...	401,238	...
To domestic water users.....organizations...	13	6	5	2	...	1	...
acre-feet...	2,783	169	1,810	804	...	754	...
For other use.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Delivered to other irrigation organizations.....organizations delivering...	3	1	1	1	...	1	...
acre-feet...	185,974	17,325	905	167,744	...	167,744	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	3	1	...	2	...	2	...
1 to 3 water users.....organizations...	90	90	...	...	...	...	...
4 to 9 water users.....organizations...	135	115	20	...	...	...	...
10 to 29 water users.....organizations...	50	24	26	...	...	...	...
30 to 99 water users.....organizations...	12	2	7	3	...	...	...
100 to 299 water users.....organizations...	1	...	1	...	...	...	...
300 to 999 water users.....organizations...	3	...	...	3	...	2	...
1,000 or more water users.....organizations...	2	...	...	2	...	3	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	3	1	...	2	...	2	...
1 to 299 acre-feet.....organizations...	59	57	2	...	...	...	...
300 to 999 acre-feet.....organizations...	90	79	11	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	81	66	15	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	44	26	18	...	...	...	...
10,000 to 29,999 acre-feet.....organizations...	12	3	7	2	...	...	...
30,000 to 99,999 acre-feet.....organizations...	4	...	1	3	...	1	...
100,000 or more acre-feet.....organizations...	3	...	...	3	...	4	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	2	...	...	2	...	2	...
1 to 299 acre-feet.....organizations...	47	45	2	...	...	...	...
300 to 999 acre-feet.....organizations...	88	79	9	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	80	69	11	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	56	34	22	...	...	...	...
10,000 to 29,999 acre-feet.....organizations...	16	5	9	2	...	...	...
30,000 to 99,999 acre-feet.....organizations...	3	...	1	2	...	...	...
100,000 or more acre-feet.....organizations...	4	...	...	4	...	5	...

NA Not available.

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 4.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Con.

Item (For definitions and explanations, see text)	Klamath River (II-A)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	38	13	5	18	1	13	1
1949...	33	16	4	10	1	NA	2
Service area, 1959:							
Area served, as reported by organizations.....acres...	181,783	10,606	9,119	147,288	13,310	118,820	1,460
Area irrigated, as reported by organizations.....acres...	170,823	10,570	8,333	137,815	12,645	114,998	1,460
Water users served, 1959, total.....water users...	6,385	64	113	6,156	32	6,170	20
Farm irrigation water users.....water users...	1,549	64	113	1,322	30	1,336	20
Residential water users.....water users...	4,835	...	...	4,833	2	4,833	...
Other water users.....water users...	1	...	...	1	...	1	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	31	13	3	13	1	6	1
Total water conveyed.....acre-feet...	1,075,707	36,625	10,017	977,064	44,701	887,871	7,300
Water delivered.....acre-feet...	514,169	31,787	9,116	421,265	44,701	357,468	7,300
To farm and residential users only.....organizations...	28	13	3	10	1	3	1
acre-feet...	225,762	31,787	9,116	132,858	44,701	69,061	7,300
To farm and residential users and other irrigation organizations.....organizations...	3	...	...	3	...	3	...
Water to farm and residential users.....acre-feet...	226,593	...	...	226,593	...	226,593	...
Water to other irrigation organizations.....acre-feet...	61,814	...	...	61,814	...	61,814	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	7	...	2	5	...	6	...
Total water conveyed.....acre-feet...	58,759	...	18,633	40,126	...	79,591	...
From surface and ground water sources.....acre-feet...	[1]-3,055	...	[1]-876	[1]-2,179	...	[1]-2,989	...
From other irrigation organizations.....acre-feet...	61,814	...	19,509	42,305	...	60,525	...
Water delivered.....acre-feet...	46,958	...	14,852	32,106	...	45,944	...
To farm and residential users only.....organizations...	7	...	2	5	...	6	...
acre-feet...	46,958	...	14,852	32,106	...	45,944	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	37	12	5	18	1	13	1
acres served...	268,575	8,606	9,119	228,430	20,960	205,534	1,460
acres irrigated...	256,342	8,570	8,333	218,067	19,912	200,036	1,460
water delivered to farms (acre-feet)...	678,440	29,257	23,968	547,915	70,000	511,794	7,300
acre-feet per acre...	2.6	3.4	2.9	2.5	3.5	2.6	5.0
Organizations reporting water from other sources used on land served by the organization.....organizations...	1	1	...	...	...	...	...
acres served...	2,000	2,000	...	...	...	...	...
acres irrigated...	2,000	2,000	...	...	...	...	...
water delivered to farms (acre-feet)...	2,530	2,530	...	...	...	...	...
acre-feet per acre...	1.2	1.2	...	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	21	6	4	10	1	8	...
By U. S. B. R.....dollars...	1,884,883	...	...	...	1,884,883	...	...
By water users organizations.....dollars...	3,195,788	13,196	27,225	3,155,367	...	3,143,156	...

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Klamath River (II-A)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	37	13	5	17	1	14	1
acre-feet...	1,072,652	36,625	9,141	974,885	44,701	906,937	7,300
From another drainage basin.....organizations...	1	...	...	1	...	1	...
acre-feet...	22,055	...	...	22,055	...	22,055	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	37	13	5	17	1	13	1
acre-feet...	1,050,597	36,625	9,141	952,830	44,701	884,882	7,300
Surface water.....organizations...	37	13	5	17	1	13	1
acre-feet...	1,032,178	36,625	9,141	934,411	44,701	866,463	7,300
Ground water.....organizations...	1	...	...	1	...	1	...
acre-feet...	18,419	...	...	18,419	...	18,419	...
From other organizations in the basin.....organizations receiving...	7	...	2	5	...	6	...
acre-feet...	61,814	...	19,509	42,305	...	60,525	...
Total leaving conveyance systems.....organizations...	37	13	5	17	1	14	1
acre-feet...	1,072,652	36,625	28,650	955,376	44,701	905,648	7,300
Conveysnce loss in basin.....organizations...	28	11	5	12	...	9	...
acre-feet...	121,214	4,838	4,682	111,694	...	111,925	...
Conveyed to another drainage basin.....organizations...	4	...	...	4	...	4	...
acre-feet...	423,389	...	...	423,389	...	423,389	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	36	13	5	16	1	12	1
acre-feet...	528,049	31,787	23,968	420,293	44,701	370,334	7,300
To farm irrigation water users.....organizations...	36	13	5	16	1	12	1
acre-feet...	493,063	31,787	23,968	385,557	44,451	335,598	7,300
To domestic water users.....organizations...	3	...	...	2	1	2	...
acre-feet...	6,250	...	...	6,000	250	6,000	...
For other use.....organizations...	1	...	...	1	...	1	...
acre-feet...	28,736	...	...	28,736	...	28,736	...
Delivered to other irrigation organizations.....organizations delivering...	2	...	...	2	...	2	...
acre-feet...	61,814	...	...	61,814	...	61,814	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	...	...	...	...	...	...	...
1 to 3 water users.....organizations...	9	6	1	2	...	...	...
4 to 9 water users.....organizations...	9	6	1	2	...	1	...
10 to 29 water users.....organizations...	6	1	1	3	...	...	1
30 to 99 water users.....organizations...	10	...	2	7	1	8	...
100 to 299 water users.....organizations...	...	...	...	...	...	...	...
300 to 999 water users.....organizations...	4	...	...	4	...	4	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	1	...	...	1	...	...	...
300 to 999 acre-feet.....organizations...	4	4	...	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	10	6	3	1	...	1	...
3,000 to 9,999 acre-feet.....organizations...	10	3	1	5	...	3	1
10,000 to 29,999 acre-feet.....organizations...	8	...	1	7	...	5	...
30,000 to 99,999 acre-feet.....organizations...	3	...	...	2	1	2	...
100,000 or more acre-feet.....organizations...	2	...	...	2	...	2	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	1	...	...	1	...	...	...
300 to 999 acre-feet.....organizations...	4	4	...	...	...	1	...
1,000 to 2,999 acre-feet.....organizations...	10	6	3	1	...	1	...
3,000 to 9,999 acre-feet.....organizations...	9	3	1	4	...	...	1
10,000 to 29,999 acre-feet.....organizations...	8	...	1	7	...	6	...
30,000 to 99,999 acre-feet.....organizations...	3	...	...	2	1	2	...
100,000 or more acre-feet.....organizations...	3	...	...	3	...	3	...

NA Not available.

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 5.--NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Oregon, total				North Pacific Coast excluding Columbia River (I-A)			
		Size of organization, by total water conveyed							
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations....organizations...	326	262	53	9	73	33	5	...
	TYPE OF SERVICE								
2	All water directly from surface and ground sources....organizations...	321	251	47	8	73	33	4	...
3	Total water conveyed....acre-feet...	132,875	731,725	1,329,091	1,946,010	23,879	77,210	173,008	...
4	Water delivered....acre-feet...	118,088	641,917	1,043,109	1,196,373	20,316	64,579	117,297	...
5	To farm and residential users only....organizations...	321	249	41	3	73	33	3	...
6	acre-feet...	118,088	636,726	897,659	262,547	20,316	64,579	90,790	...
7	To farm and residential users and other irrigation organizations....organizations...	...	2	5	5	...	...	1	...
8	Water to farm and residential users....acre-feet...	...	4,010	107,089	694,521	...	...	16,520	...
9	Water to other irrigation organizations....acre-feet...	...	1,181	21,036	239,305	...	...	9,987	...
10	To other irrigation organizations only....organizations...	...	...	1	...	...	...	...	...
11	acre-feet...	...	...	17,325	...	...	...	...	...
12	Part of water from other organizations....organizations...	1	8	5	1	...	...	1	...
13	Total water conveyed....acre-feet...	690	32,130	118,779	135,265	...	...	15,500	...
14	From surface and ground water sources....acre-feet...	414	10,411	33,380	[1]-1,200	...	...	5,513	...
15	From other irrigation organizations....acre-feet...	276	21,719	85,399	136,465	...	...	9,987	...
16	Water delivered....acre-feet...	518	25,247	105,309	31,718	...	...	13,000	...
17	To farm and residential users only....organizations...	1	8	5	1	...	...	1	...
18	acre-feet...	518	25,247	105,309	31,718	...	...	13,000	...
19	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...	...	...	...	...
20	Water to farm and residential users....acre-feet...	...	...	...	...	...	...	...	...
21	Water to other irrigation organizations....acre-feet...	...	...	...	...	...	...	...	...
22	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...
24	All of water from other organizations....organizations...	...	3	1	...	...	...	...	...
25	Total water conveyed....acre-feet...	...	17,663	17,325	...	...	...	...	...
26	Water delivered....acre-feet...	...	15,709	17,325	...	...	...	...	...
27	To farm and residential users only....organizations...	...	3	1	...	...	...	...	...
28	acre-feet...	...	15,709	17,325	...	...	...	...	...
29	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...	...	...	...	...
30	Water to farm and residential users....acre-feet...	...	...	...	...	...	...	...	...
31	Water to other irrigation organizations....acre-feet...	...	...	...	...	...	...	...	...
32	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...	...	...
34	No water conveyed....organizations...	4	...	...	...	...	...	...	...
	WATER FROM OTHER SOURCES								
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	291	241	39	6	70	33	4	...
36	acres served...	61,299	206,308	252,240	289,973	9,888	16,592	30,099	...
37	acres irrigated...	44,904	196,761	234,101	284,248	7,857	16,463	29,104	...
38	Organizations reporting water from other sources used on land served by the organization....organizations...	31	21	13	3	3	...	1	...
39	acres served...	9,933	22,759	86,522	212,267	287	...	5,888	...
40	acres irrigated...	7,302	21,463	82,532	212,267	212	...	5,888	...
	NEW CAPITAL INVESTMENT, 1950-1959								
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	113	125	32	7	28	19	5	...
42	dollars...	347,287	1,102,502	3,943,875	4,195,204	126,735	186,307	1,254,770	...
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
43	Total entering conveyance systems in basin....organizations...	322	262	53	9	73	33	5	...
44	acre-feet...	133,289	742,136	1,362,471	1,944,810	23,879	77,210	178,521	...
45	From another drainage basin....organizations...	...	...	2	1	...	...	2	...
46	acre-feet...	...	...	16,690	11,957	...	...	36,356	...
47	From Drainage Basin number....D. B. No....	...	...	I-F-1	...	...	...	...	...
48	From natural sources within basin....organizations...	322	259	52	9	73	33	5	...
49	acre-feet...	133,289	742,136	1,345,781	1,932,853	23,879	77,210	142,165	...
50	Surface water....organizations...	311	259	52	9	73	33	5	...
51	acre-feet...	129,185	739,921	1,338,581	1,683,613	23,879	77,210	134,965	...
52	Ground water....organizations...	13	2	1	2	...	...	1	...
53	acre-feet...	4,104	2,215	7,200	249,240	...	...	7,200	...
54	*From other organizations in the basin....organizations receiving...*	1	11	6	1	...	...	1	...
55	*acre-feet...*	276	39,382	102,724	136,465	...	...	9,987	...
56	Total leaving conveyance systems....organizations...	322	262	53	9	73	33	5	...
57	acre-feet...	133,565	780,337	1,426,834	1,841,970	23,879	77,210	178,521	...
58	Conveyance loss in basin....organizations...	225	225	41	8	46	28	5	...
59	acre-feet...	14,625	96,237	283,205	336,214	3,553	12,168	36,156	...
60	Conveyed to another drainage basin....organizations...	...	...	1	3	...	...	1	...
61	acre-feet...	...	...	15,364	488,234	...	...	22,055	...
62	To drainage basin number....D. B. No....	...	...	...	...	...	...	...	...
63	Delivered for use in the basin....organizations...	322	262	52	9	73	33	5	...
64	acre-feet...	118,940	684,100	1,128,265	1,017,522	20,326	65,042	120,310	...
65	To farm irrigation water users....organizations...	322	262	52	9	73	33	5	...
66	acre-feet...	118,029	673,333	1,109,659	984,032	20,246	63,375	115,541	...
67	To residential water users....organizations...	12	14	16	2	4	3	3	...
68	acre-feet...	577	8,359	17,723	4,754	70	1,204	4,769	...
69	For other use....organizations...	4	6	3	1	1	2	...	...
70	acre-feet...	334	2,408	883	28,736	10	463	...	...
71	*Delivered to other irrigation organizations....organizations delivering...*	...	2	5	4	...	...	1	...
72	*acre-feet...*	...	1,181	38,361	239,305	...	...	9,987	...
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959								
	Per acre irrigated, as reported by irrigation organization:								
73	All organizations....acre-feet...	2.3	3.0	3.7	4.5	2.5	3.8	3.3	...
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	291	241	39	6	70	33	4	...
75	acre-feet...	2.3	3.1	3.5	3.5	2.5	3.8	3.1	...

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	Columbia River below Snake River, total (Oregon, Washington) (I-B)			Snake River below Weiser, Idaho and Snake River, Weiser, Idaho to King Hill, Idaho (I-E and I-F)			Klamath River (II-A)			
		Size of organization, by total water conveyed									
		0-999 acre-feet	1,000-9,999 acre-feet	10,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,000 acre-feet	100,000 or more acre-feet
1	Number of organizations.....organizations...	100	56	19	137	136	23	5	19	11	3
	TYPE OF SERVICE										
2	All water directly from surface and ground sources.....organizations...	97	50	19	135	135	20	5	15	8	3
3	Total water conveyed.....acre-feet...	39,827	149,310	1,121,536	60,070	387,065	944,072	2,628	63,080	198,171	811,828
4	Water delivered.....acre-feet...	36,942	131,343	796,845	53,103	340,242	805,247	2,274	56,894	160,330	294,671
5	To farm and residential users only.....organizations...	97	49	15	135	134	16	5	15	7	1
6	acre-feet...	36,942	129,167	508,344	53,103	337,227	329,386	2,274	56,894	160,330	6,264
7	To farm and residential users and other irrigation organizations.....organizations...	...	1	4	...	1	4	...	...	1	2
8	Water to farm and residential users.....acre-feet...	...	1,900	267,705	...	2,110	290,792	...	...	...	226,593
9	Water to other irrigation organizations.....acre-feet...	...	276	20,796	...	905	167,744	...	...	...	61,814
10	To other irrigation organizations only.....organizations...	...	...	...	...	...	1	...	...	...	...
11	acre-feet...	...	...	...	...	...	17,325	...	...	...	...
12	Part of water from other organizations.....organizations...	1	3	...	...	1	2	...	4	3	...
13	Total water conveyed.....acre-feet...	690	8,567	...	...	6,804	196,544	...	16,759	42,000	...
14	From surface and ground water sources.....acre-feet...	414	5,434	...	...	5,899	28,800	...	[1]-922	[1]-2,133	...
15	From other irrigation organizations.....acre-feet...	276	3,133	...	...	905	167,744	...	17,681	44,133	...
16	Water delivered.....acre-feet...	518	8,130	...	...	4,253	89,933	...	12,864	34,094	...
17	To farm and residential users only.....organizations...	1	3	...	...	1	2	...	4	3	...
18	acre-feet...	518	8,130	...	...	4,253	89,933	...	12,864	34,094	...
19	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...	...	...	...
20	Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...	...	...	...
21	Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...	...	...	...
22	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...	...	...
24	All of water from other organizations.....organizations...	...	3	...	...	...	1	...	...	...	...
25	Total water conveyed.....acre-feet...	...	17,663	...	...	...	17,325	...	...	...	...
26	Water delivered.....acre-feet...	...	15,709	...	...	...	17,325	...	...	...	...
27	To farm and residential users only.....organizations...	...	3	...	...	...	1	...	...	...	...
28	acre-feet...	...	15,709	...	...	...	17,325	...	...	...	...
29	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...	...	...	...
30	Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...	...	...	...
31	Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...	...	...	...
32	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...	...	...	...	...
34	No water conveyed.....organizations...	2	...	...	2	...	...	...	...	...	...
	WATER FROM OTHER SOURCES										
35	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	86	52	12	119	122	14	5	18	11	3
36	acres served...	12,469	35,228	98,803	29,785	107,145	156,268	817	22,231	107,190	138,337
37	acres irrigated...	10,167	33,041	97,277	21,395	102,042	150,172	808	22,284	96,985	136,265
38	Organizations reporting water from other sources used on land served by the organization.....organizations...	12	4	7	16	14	8	...	1	...	...
39	acres served...	2,369	5,662	94,250	7,277	11,722	198,651	...	2,000	...	...
40	acres irrigated...	2,255	5,662	91,578	4,835	10,926	197,333	...	2,000	...	...
	NEW CAPITAL INVESTMENT, 1950-1959										
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	29	13	13	56	78	12	...	12	7	2
42	dollars...	157,955	574,133	1,344,904	62,597	235,978	546,318	...	87,584	2,131,828	2,861,259
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959										
43	Total entering conveyance systems in basin.....organizations...	98	56	19	135	136	23	5	19	10	3
44	acre-feet...	40,241	154,744	1,121,536	60,070	391,564	974,272	24,683	62,158	196,038	789,773
45	From another drainage basin.....organizations...	...	...	1	...	...	2	1	...	...	...
46	acre-feet...	...	...	4,364	...	...	24,283	22,055	...	...	...
47	From Drainage Basin number.....D. B. No....	...	...	...	...	...	...	...	...	...	...
48	From natural sources within basin.....organizations...	98	53	19	135	136	23	5	19	10	3
49	acre-feet...	40,241	154,744	1,117,172	60,070	392,964	948,589	2,628	62,158	196,038	789,773
50	Surface water.....organizations...	87	53	19	135	136	23	5	19	10	3
51	acre-feet...	36,238	152,529	1,117,172	59,969	392,964	717,768	2,628	62,158	196,038	771,354
52	Ground water.....organizations...	11	2	...	2	...	1	...	...	...	1
53	acre-feet...	4,003	2,215	...	101	...	230,821	...	...	...	18,419
54	*From other organizations in the basin*.....*organizations receiving*...	1	6	...	...	1	3	...	4	3	...
55	*acre-feet*...	276	20,796	...	...	905	185,069	...	17,681	44,133	...
56	Total leaving conveyance systems.....organizations...	98	56	19	135	136	24	5	19	10	3
57	acre-feet...	40,517	175,264	1,100,740	60,070	391,564	974,272	24,683	79,839	240,171	727,959
58	Conveyance loss in basin.....organizations...	52	44	16	112	118	20	4	17	5	2
59	acre-feet...	2,733	18,413	308,444	6,967	49,374	144,235	354	10,081	31,446	79,333
60	Conveyed to another drainage basin.....organizations...	...	...	1	...	...	1	1	...	1	2
61	acre-feet...	...	...	15,364	...	...	101,201	22,055	...	14,301	387,033
62	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...	...
63	Delivered for use in the basin.....organizations...	98	56	19	135	136	23	5	19	9	3
64	acre-feet...	37,784	156,851	776,932	53,103	343,590	727,436	2,274	69,758	194,424	261,593
65	To farm irrigation water users.....organizations...	98	56	19	135	136	23	5	19	9	3
66	acre-feet...	36,986	148,782	766,360	53,070	342,609	725,667	2,274	69,758	192,174	228,857
67	To residential water users.....organizations...	5	5	7	3	5	5	...	...	2	1
68	acre-feet...	474	6,124	9,689	33	981	1,769	...	...	2,250	4,000
69	For other use.....organizations...	3	4	3	...	...	...	...	...	...	1
70	acre-feet...	324	1,945	883	...	...	...	...	...	...	28,736
71	*Delivered to other irrigation organizations*.....*organizations delivering*...	...	1	4	...	1	2	...	...	...	2
72	*acre-feet*...	...	276	20,796	...	905	185,069	...	...	...	61,814
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959										
	Per acre irrigated, as reported by irrigation organization:										
73	All organizations.....acre-feet...	2.9	3.8	4.1	2.0	3.0	4.0	2.8	2.9	2.6	3.1
74	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	86	52	12	119	122	14	5	18	11	3
75	acre-feet...	3.1	4.1	4.2	2.1	3.1	4.3	2.8	3.0	2.6	2.6

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

SOUTH DAKOTA

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	The State	Missouri River (VI-C)						
			Direct	Niobrara River	White River	Cheyenne River			
						Total	Cheyenne River direct	Belle Fourche River	Rapid Creek
			(1a)	(3)	(4)		(5a)	(5b)	(5c)
1	Total acres irrigated in Census year.....1959...	115,629	28,000	...	3,000	84,000	18,000	59,000	7,000
2	1949...	84,356	2,336	...	(D)	(D)	(D)	60,056	(D)
3	Irrigation organizations.....organizations 1959...	25	...	...	2	23	2	12	9
4	1949...	24	...	...	1	23	2	12	9
	Service area, 1959:								
5	Farm area reported served by organizations.....acres 1959...	89,454	...	...	(D)	(D)	(D)	66,944	(D)
6	Farm area reported irrigated by organizations.....acres 1959...	83,984	...	...	320	(D)	(D)	64,112	(D)
7	Water users served, total.....water users 1959...	759	...	...	(D)	(D)	(D)	528	(D)
8	Farm irrigation water users.....water users 1959...	715	...	...	(D)	(D)	(D)	505	(D)
9	Residential water users.....water users 1959...	44	...	...	(D)	(D)	...	23	(D)
10	Other water users.....water users 1959...	...	...	...	...	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959								
11	Ground water sources.....acres...	18,959	17,000	...	...	2,000	...	2,000	...
12	Surface water sources.....acres...	96,670	11,000	...	3,000	82,000	18,000	57,000	7,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
13	Total entering conveyance systems in basin.....organizations...	24	...	...	2	22	2	12	8
14	acre-feet...	169,283	...	...	(D)	(D)	(D)	103,497	(D)
15	From another drainage basin.....organizations...	1	...	...	...	1	...	1	...
16	acre-feet...	3,200	...	...	...	(D)	...	3,200	...
17	From drainage basin number.....D. B. No....	...	...	...	...	...	...	I-H-5	...
18	From natural sources within basin...organizations...	23	...	...	2	21	2	11	8
19	acre-feet...	166,083	...	...	(D)	(D)	(D)	100,297	(D)
20	Surface water.....organizations...	23	...	...	2	21	2	11	8
21	acre-feet...	166,083	...	...	(D)	(D)	(D)	100,297	(D)
22	Ground water.....organizations...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...
24	*From other organizations in the basin.....organizations receiving...*	...	...	...	...	...	...	...	...
25	*acre-feet...*	...	...	...	...	...	...	...	...
26	Total leaving conveyance systems.....organizations...	24	...	...	2	22	2	12	8
27	acre-feet...	169,283	...	...	(D)	(D)	(D)	103,497	(D)
28	Conveyance loss in basin.....organizations...	20	...	...	2	18	2	9	7
29	acre-feet...	69,485	...	...	(D)	(D)	(D)	52,426	(D)
30	Conveyed to another drainage basin..organizations...	...	...	...	...	...	...	...	...
31	acre-feet...	...	...	...	...	...	...	...	...
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	24	...	...	2	22	2	12	8
34	acre-feet...	99,798	...	...	(D)	(D)	(D)	51,071	(D)
35	To farm irrigation water users...organizations...	24	...	...	2	22	2	12	8
36	acre-feet...	99,088	...	...	(D)	(D)	(D)	50,499	(D)
37	To residential water users.....organizations...	4	...	...	1	3	...	2	(D)
38	acre-feet...	710	...	...	(D)	(D)	...	572	(D)
39	For other use.....organizations...	...	...	...	...	...	...	...	...
40	acre-feet...	...	...	...	...	...	...	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	...	...	...	...	...	...	...	...
42	*acre-feet...*	...	...	...	...	...	...	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	1.2	...	...	(D)	(D)	(D)	0.8	(D)
	NEW CAPITAL INVESTMENT, 1950-1959								
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	16	...	...	...	16	2	8	8
45	dollars...	3,934,876	...	...	...	(D)	(D)	102,834	(D)

D Data not shown to avoid disclosure of information for individual organizations.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	South Dakota, total
Irrigation organizations, total number.....organizations 1959...	25
1949...	24
Area irrigated as reported by organizations.....acres 1959...	83,984
1949...	67,539
Farm water users served directly.....water users 1959...	715
Total water conveyed.....acre-feet 1959...	169,283
TYPE OF ORGANIZATION	
Mutual:	
Unincorporated.....organizations 1959...	9
1949...	13
Farm area irrigated directly.....acres 1959...	3,915
Farm water users served directly.....water users 1959...	43
Total water conveyed.....acre-feet 1959...	5,665
Incorporated.....organizations 1959...	11
1949...	8
Farm area irrigated directly.....acres 1959...	13,037
Farm water users served directly.....water users 1959...	190
Total water conveyed.....acre-feet 1959...	27,418
District.....organizations 1959...	1
1949...	1
Farm area irrigated directly.....acres 1959...	(D)
Farm water users served directly.....water users 1959...	(D)
Total water conveyed.....acre-feet 1959...	(D)
U.S. Bureau of Reclamation; projects and storage systems operated by bureau.....organizations 1959...	2
1949...	1
Farm area irrigated directly.....acres 1959...	11,382
Farm water users served directly.....water users 1959...	106
Total water conveyed.....acre-feet 1959...	48,955
U. S. Bureau of Reclamation; operated by water users.....organizations 1959...	1
1949...	1
Farm area irrigated directly.....acres 1959...	(D)
Farm water users served directly.....water users 1959...	(D)
Total water conveyed.....acre-feet 1959...	(D)
U. S. Bureau of Indian Affairs.....organizations 1959...	2
1949...	1
Farm area irrigated directly.....acres 1959...	(D)
Farm water users served directly.....water users 1959...	(D)
Total water conveyed.....acre-feet 1959...	(D)
Commercial.....organizations 1959...	...
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...
State.....organizations 1959...	...
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...
City.....organizations 1959...	...
1949...	...
Farm area irrigated directly.....acres 1959...	...
Farm water users served directly.....water users 1959...	...
Total water conveyed.....acre-feet 1959...	...

Item (For definitions and explanations, see text)	South Dakota, total
TYPE OF SERVICE, 1959	
All water directly from surface and ground water sources.....organizations...	24
Total water conveyed.....acre-feet...	169,283
Water delivered.....acre-feet...	99,798
To farm and residential users only.....organizations...	24
acre-feet...	99,798
To farm and residential users and other irrigation organizations.....organizations...	...
Water to farm and residential users.....acre-feet...	...
Water to other irrigation organizations.....acre-feet...	...
To other irrigation organizations only.....organizations...	...
acre-feet...	...
Part of water from other organizations.....organizations...	...
Total water conveyed.....acre-feet...	...
From surface and ground water sources.....acre-feet...	...
From other irrigation organizations.....acre-feet...	...
Water delivered.....acre-feet...	...
To farm and residential users only.....organizations...	...
acre-feet...	...
To farm and residential users and other irrigation organizations.....organizations...	...
Water to farm and residential users.....acre-feet...	...
Water to other irrigation organizations.....acre-feet...	...
To other irrigation organizations only.....organizations...	...
acre-feet...	...
All of water from other organizations.....organizations...	...
Total water conveyed.....acre-feet...	...
Water delivered.....acre-feet...	...
To farm and residential users only.....organizations...	...
acre-feet...	...
To farm and residential user and other irrigation organizations.....organizations...	...
Water to farm residential users.....acre-feet...	...
Water to other irrigation organizations.....acre-feet...	...
To other irrigation organizations only.....organizations...	...
acre-feet...	...
No water conveyed.....organizations...	1
WATER FROM OTHER SOURCES	
Organizations reporting no water from other sources used on land served by the organization.....organizations...	24
acres served...	89,614
acres irrigated...	84,144
Water delivered to farms.....acre-feet...	99,664
acre-feet per acre...	1.2
Organizations reporting water from other sources used on land served by the organization.....organizations...	...
acres served...	...
acres irrigated...	...
Water delivered to farms.....acre-feet...	...
acre-feet per acre...	...

D Data not shown to avoid disclosure of information for individual organizations.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

Item (For definitions and explanations, see text)	South Dakota, total
WATER DELIVERED PER ACRE	
Organizations reporting NO water from other sources used on same land:	
0.1 to 0.9 acre-feet per acre.....organizations...	6
acres irrigated...	58,640
1.0 to 1.9 acre-feet per acre.....organizations...	12
acres irrigated...	10,345
2.0 to 2.9 acre-feet per acre.....organizations...	1
acres irrigated...	800
3.0 to 3.9 acre-feet per acre.....organizations...	5
acres irrigated...	14,359
4.0 to 4.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
5.0 to 5.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
6.0 to 6.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
7.0 to 7.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
8.0 to 9.9 acre-feet per acre.....organizations...	...
acres irrigated...	...
10.0 or more acre-feet per acre.....organizations...	...
acres irrigated...	...
SIZE OF ORGANIZATION	
Size of organization (number of farm irrigation water users served directly):	
None.....organizations...	1
1 to 3.....organizations...	5
water users...	11
4 to 9.....organizations...	9
water users...	57
10 to 29.....organizations...	6
water users...	106
30 to 99.....organizations...	2
water users...	64
100 to 299.....organizations...	1
water users...	106
300 to 999.....organizations...	1
water users...	372
1,000 or more.....organizations...	...
water users...	...

Item (For definitions and explanations, see text)	South Dakota, total
SIZE OF ORGANIZATION–Continued	
Size of organization (acre-feet of water delivered directly to farms):	
None.....organizations...	1
1 to 299 acre-feet.....organizations...	7
acre-feet...	1,059
300 to 999 acre-feet.....organizations...	6
acre-feet...	3,737
1,000 to 2,999 acre-feet.....organizations...	6
acre-feet...	10,233
3,000 to 9,999 acre-feet.....organizations...	3
acre-feet...	12,036
10,000 to 29,999 acre-feet.....organizations...	...
acre-feet...	...
30,000 to 99,999 acre-feet.....organizations...	2
acre-feet...	72,599
100,000 or more acre-feet.....organizations...	...
acre-feet...	...
Size of organization (acre-feet of water conveyed):	
None.....organizations...	1
1 to 299 acre-feet.....organizations...	5
acre-feet...	620
300 to 999 acre-feet.....organizations...	5
acre-feet...	2,755
1,000 to 2,999 acre-feet.....organizations...	7
acre-feet...	11,458
3,000 to 9,999 acre-feet.....organizations...	5
acre-feet...	20,040
10,000 to 29,999 acre-feet.....organizations...	...
acre-feet...	...
30,000 to 99,999 acre-feet.....organizations...	2
acre-feet...	138,890
100,000 or more acre-feet.....organizations...	...
acre-feet...	...

State Table 3.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

Item (For definitions and explanations, see text)	South Dakota, total
Total acres irrigated.....farms reporting...	1,002
acres...	115,629
Acres irrigated by sprinklers.....farms reporting...	239
acres...	20,906
Sprinklers only.....farms reporting...	194
acres...	18,032
LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959	
Ground water sources on farm.....farms reporting...	191
acres...	18,959
Ground water sources on farm only....farms reporting...	168
acres...	17,056
LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959—Continued	
Surface sources on farm.....farms reporting...	300
acres...	24,424
Surface sources on farm only.....farms reporting...	252
acres...	21,947
Irrigation organization sources.....farms reporting...	571
acres...	72,246
Irrigation organization sources only.....farms reporting...	523
acres...	65,823
Both farm ground water sources and surface sources.....farms reporting...	11
acres...	1,582
Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	48
acres...	9,221

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	South Dakota, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	25	9	11	1	2	1	2
1949...	24	13	8	1	1	1	1
Service area, 1959:							
Area served, as reported by organizations.....acres...	89,454	5,036	14,100	(D)	12,135	(D)	(D)
Area irrigated, as reported by organizations.....acres...	83,984	3,915	13,037	(D)	11,382	(D)	(D)
Water users served, 1959, total.....water users...	759	43	233	(D)	106	(D)	(D)
Farm irrigation water users.....water users...	715	43	190	(D)	106	(D)	(D)
Residential water users.....water users...	44	...	43	...	...	...	(D)
Other water users.....water users...	...	...	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	24	9	11	1	1	1	2
Total water conveyed.....acre-feet...	169,283	5,665	27,418	(D)	48,955	(D)	(D)
Water delivered.....acre-feet...	99,798	5,034	21,502	(D)	35,653	(D)	(D)
To farm and residential users only.....organizations...	24	9	11	1	1	1	2
acre-feet...	99,798	5,034	21,502	(D)	35,653	(D)	(D)
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
From surface and ground water sources.....acre-feet...	...	...	...	...	...	...	...
From other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	1	...	...	...	1	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	24	9	11	1	1	1	2
acres served...	89,614	5,196	14,100	(D)	12,135	(D)	(D)
acres irrigated...	84,144	4,075	13,037	(D)	11,382	(D)	(D)
water delivered to farms (acre-feet)...	99,664	5,610	20,870	(D)	35,653	(D)	(D)
acre-feet per acre...	1.2	1.1	1.5	0.6	2.9	0.6	0.6
Organizations reporting water from other sources used on land served by the organization.....organizations...	...	...	...	...	...	...	...
acres served...	...	...	...	...	...	...	...
acres irrigated...	...	...	...	...	...	...	...
water delivered to farms (acre-feet)...	...	...	...	...	...	...	...
acre-feet per acre...	...	...	...	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	16	7	7	1	1	1	...
By U. S. B. R.....dollars...	3,815,932	...	...	...	3,815,932	...	...
By water users organizations.....dollars...	118,944	16,844	27,100	(D)	...	(D)	...

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	South Dakota, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	24	9	11	1	1	1	2
acre-feet...	169,283	5,665	27,418	(D)	48,955	(D)	(D)
From another drainage basin.....organizations...	1	1	...	...	...	...	...
acre-feet...	3,200	3,200	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	23	8	11	1	1	1	2
acre-feet...	166,083	2,465	27,418	(D)	48,955	(D)	(D)
Surface water.....organizations...	23	8	11	1	1	1	2
acre-feet...	166,083	2,465	27,418	(D)	48,955	(D)	(D)
Ground water.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From other organizations in the basin.....organizations receiving...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Total leaving conveyance systems.....organizations...	24	9	11	1	1	1	2
acre-feet...	169,283	5,665	27,418	(D)	48,955	(D)	(D)
Conveyance loss in basin.....organizations...	20	6	10	1	1	1	2
acre-feet...	69,485	631	5,916	(D)	13,302	(D)	(D)
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	24	9	11	1	1	1	2
acre-feet...	99,798	5,034	21,502	(D)	35,653	(D)	(D)
To farm irrigation water users.....organizations...	24	9	11	1	1	1	2
acre-feet...	99,088	5,034	20,870	(D)	35,653	(D)	(D)
To domestic water users.....organizations...	4	...	3	...	...	...	1
acre-feet...	710	...	632	...	...	...	78
For other use.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Delivered to other irrigation organizations..... organizations delivering...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	1	...	...	(D)	1	(D)	(D)
1 to 3 water users.....organizations...	5	3	...	(D)	...	(D)	(D)
4 to 9 water users.....organizations...	9	6	3	(D)	...	(D)	(D)
10 to 29 water users.....organizations...	6	...	6	(D)	...	(D)	(D)
30 to 99 water users.....organizations...	2	...	2	(D)	...	(D)	(D)
100 to 299 water users.....organizations...	1	...	...	(D)	1	(D)	(D)
300 to 999 water users.....organizations...	1	...	...	(D)	...	(D)	(D)
1,000 or more water users.....organizations...	...	...	...	...	...	(D)	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	1	...	...	(D)	1	(D)	(D)
1 to 299 acre-feet.....organizations...	7	6	...	(D)	...	(D)	(D)
300 to 999 acre-feet.....organizations...	6	2	3	(D)	...	(D)	(D)
1,000 to 2,999 acre-feet.....organizations...	6	...	6	(D)	...	(D)	(D)
3,000 to 9,999 acre-feet.....organizations...	3	1	2	(D)	...	(D)	(D)
10,000 to 29,999 acre-feet.....organizations...	...	...	...	...	...	(D)	...
30,000 to 99,999 acre-feet.....organizations...	2	...	...	(D)	1	(D)	(D)
100,000 or more acre-feet.....organizations...	...	...	...	...	...	(D)	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	1	...	...	(D)	1	(D)	(D)
1 to 299 acre-feet.....organizations...	5	5	...	(D)	...	(D)	(D)
300 to 999 acre-feet.....organizations...	5	2	1	(D)	...	(D)	(D)
1,000 to 2,999 acre-feet.....organizations...	7	1	6	(D)	...	(D)	(D)
3,000 to 9,999 acre-feet.....organizations...	5	1	4	(D)	...	(D)	(D)
10,000 to 29,999 acre-feet.....organizations...	...	...	...	...	...	(D)	...
30,000 to 99,999 acre-feet.....organizations...	2	...	...	(D)	1	(D)	(D)
100,000 or more acre-feet.....organizations...	...	...	...	...	...	(D)	...

D Data not shown to avoid disclosure of information for individual organizations.

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959

Item (For definitions and explanations, see text)	South Dakota, total	
	Size of organization, by total water conveyed	
	0-999 acre-feet	1,000 or more acre-feet
Number of organizations.....organizations...	11	14
TYPE OF SERVICE		
All water directly from surface and ground sources.....organizations...	10	14
Total water conveyed.....acre-feet...	3,375	165,908
Water delivered.....acre-feet...	2,417	97,381
To farm and residential users only.....organizations...	10	14
acre-feet...	2,417	97,381
To farm and residential users and other irrigation organizations.....organizations...	...	...
Water to farm and residential users.....acre-feet...	...	...
Water to other irrigation organizations.....acre-feet...	...	...
To other irrigation organizations only.....organizations...	...	...
acre-feet...	...	...
Part of water from other organizations....organizations...	...	...
Total water conveyed.....acre-feet...	...	...
From surface and ground water sources.....acre-feet...	...	...
From other irrigation organizations.....acre-feet...	...	...
Water delivered.....acre-feet...	...	...
To farm and residential users only.....organizations...	...	...
acre-feet...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...
Water to farm and residential users.....acre-feet...	...	...
Water to other irrigation organizations.....acre-feet...	...	...
To other irrigation organizations only.....organizations...	...	...
acre-feet...	...	...
All of water from other organizations.....organizations...	...	...
Total water conveyed.....acre-feet...	...	...
Water delivered.....acre-feet...	...	...
To farm and residential users only.....organizations...	...	...
acre-feet...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...
Water to farm and residential users.....acre-feet...	...	...
Water to other irrigation organizations.....acre-feet...	...	...
To other irrigation organizations only.....organizations...	...	. .
acre-feet...	...	...
No water conveyed.....organizations...	1	...

Item (For definitions and explanations, see text)	South Dakota, total	
	Size of organization, by total water conveyed	
	0-999 acre-feet	1,000 or more acre-feet
WATER FROM OTHER SOURCES		
Organizations reporting no water from other sources used on land served by the organization.....organizations...	10	14
acres served...	4,736	84,878
acres irrigated...	2,935	81,209
Organizations reporting water from other sources used on some of the same land served by the organization.....organizations...	...	...
acres served...	...	...
acres irrigated...	...	...
NEW CAPITAL INVESTMENT, 1950-1959		
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	7	9
dollars...	7,644	3,927,232
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959		
Total entering conveyance systems in basin.....organizations...	10	14
acre-feet...	3,375	165,908
From another drainage basin.....organizations...	...	1
acre-feet...	...	3,200
From Drainage Basin number.....D. B. No....	...	...
From natural sources within basin.....organizations...	10	13
acre-feet...	3,375	162,708
Surface water.....organizations...	10	13
acre-feet...	3,375	162,708
Ground water.....organizations...	...	...
acre-feet...	...	...
From other organizations in the basin .....organizations receiving...	...	...
acre-feet...	...	...
Total leaving conveyance systems.....organizations...	10	14
acre-feet...	3,375	165,908
Conveyance loss in basin.....organizations...	7	13
acre-feet...	958	68,527
Conveyed to another drainage basin.....organizations...	...	...
acre-feet...	...	...
To drainage basin number.....D. B. No....	...	...
Delivered for use in the basin.....organizations...	10	14
acre-feet...	2,417	97,381
To farm irrigation water users.....organizations...	10	14
acre-feet...	2,339	96,749
To residential water users.....organizations...	1	3
acre-feet...	78	632
For other use.....organizations...	...	...
acre-feet...	...	...
Delivered to other irrigation organizations .....organizations delivering...	...	...
acre-feet...	...	...
AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959		
Per acre irrigated, as reported by irrigation organization: All organizations.....acre-feet...	1.4	1.2
Organizations reporting no water from other sources used on the same land and reporting.....organizations...	11	14
acre-feet...	0.8	1.2

TEXAS

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State Table 1.--NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	The State	Gulf of Mexico excluding Mississippi River, total (V)	Gulf of Mexico excluding Mississippi River and Rio Grande and Mermentau Rivers (V-A)						
				Total	Gulf of Mexico direct (1)	Nueces River (2)	Guadalupe River (3)	Lavaca River (4)	Colorado River	
									Total	Colorado River direct below Austin (5a)
1	Total acres irrigated in Census year.....1959...	5,655,638	4,091,000	3,247,000	213,000	113,000	32,000	60,000	473,000	66,000
2	1949...	3,150,527	2,703,283	1,828,193	281,113	90,638	11,464	60,007	116,488	71,986
3	Irrigation organizations.....organizations 1959...	103	102	61	17	4	13	4	11	4
4	1949...	122	121	67	15	9	23	6	11	5
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	1,399,753	1,386,282	559,351	414,531	25,950	7,258	25,541	55,811	26,660
6	Farm area reported irrigated by organizations.....acres 1959...	943,818	930,347	278,940	190,249	19,860	4,918	21,295	17,631	10,258
7	Water users served, total.....water users 1959...	33,827	30,712	3,800	943	1,375	339	105	434	35
8	Farm irrigation water users.....water users 1959...	24,588	24,339	2,449	928	738	339	105	228	35
9	Residential water users.....water users 1959...	9,124	9,124	1,282	3	597	...	...	200	...
10	Other water users.....water users 1959...	115	113	69	12	40	...	...	6	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	4,634,135	3,093,000	2,893,000	50,000	96,000	25,000	56,000	414,000	28,000
12	Surface water sources.....acres...	1,021,503	998,000	354,000	163,000	17,000	7,000	4,000	59,000	38,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	103	102	51	17	4	13	4	11	4
14	acre-feet...	2,671,746	2,646,384	1,244,025	802,457	10,098	11,387	86,982	399,109	355,715
15	From another drainage basin.....organizations...	...	...	1	8	1	...	1	...	...
16	acre-feet...	...	...	1,045	664,236	2,363	...	80,689	...	...
17	From drainage basin number.....D. B. No....	...	...	V-B-1a	(1)	V-A-3	...	V-A-5a	...	...
18	From natural sources within basin...organizations...	92	91	49	9	3	13	3	11	4
19	acre-feet...	2,671,746	2,646,384	1,242,980	138,221	7,735	11,387	6,293	399,109	355,715
20	Surface water.....organizations...	80	79	39	9	3	5	1	11	4
21	acre-feet...	2,638,564	2,613,202	1,232,974	138,221	7,735	6,814	860	399,109	355,715
22	Ground water.....organizations...	19	19	11	...	...	8	3	...	...
23	acre-feet...	33,182	33,182	10,006	...	...	4,573	5,433	...	...
24	*From other organizations in the basin*.....*organizations receiving*...	19	19	1	1	...	...	...	...	...
25	*acre-feet*...	100,899	100,899	12,000	12,000	...	...	...	...	...
26	Total leaving conveyance systems.....organizations...	103	103	51	17	4	13	4	11	4
27	acre-feet...	2,671,746	2,646,384	1,244,025	802,457	10,098	11,387	86,982	399,109	355,715
28	Conveyance loss in basin.....organizations...	80	81	37	17	3	7	4	7	4
29	acre-feet...	470,139	470,139	116,296	91,735	891	574	2,129	8,476	7,421
30	Conveyed to another drainage basin..organizations...	...	...	...	1	...	1	...	3	3
31	acre-feet...	...	...	...	3,200	...	2,363	...	281,748	281,748
32	To drainage basin number.....D. B. No....	...	...	...	V-A-9b	...	V-A-3	...	...	(2)
33	Delivered for use in the basin.....organizations...	103	102	51	17	4	13	4	10	3
34	acre-feet...	2,201,607	2,176,245	1,127,729	707,522	9,207	8,450	84,853	108,885	66,546
35	To farm irrigation water users...organizations...	102	102	51	17	4	13	4	10	3
36	acre-feet...	1,933,755	1,909,633	941,082	650,605	8,218	8,450	84,853	79,711	66,546
37	To residential water users.....organizations...	16	17	4	1	1	...	...	1	...
38	acre-feet...	42,268	42,268	26,618	25	875	...	...	600	...
39	For other use.....organizations...	24	23	10	5	1	...	...	2	...
40	acre-feet...	225,584	224,344	160,029	56,892	114	...	...	28,574	...
41	*Delivered to other irrigation organizations*.....*organizations delivering*...	9	9	1	1	...	...	...	...	...
42	*acre-feet*...	100,899	100,899	12,000	12,000	...	...	...	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	2.0	2.0	3.4	3.4	0.4	1.7	4.0	4.5	6.5
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	50	50	21	7	2	2	2	4	2
45	dollars...	16,733,025	16,706,025	4,328,527	1,468,198	1,972,724	15,475	25,000	470,130	370,000

D Data not shown to avoid disclosure of information for individual organizations. [1]1,045 acre-feet from D. B. No. V-B-1a, 82,040 acre-feet from D. B. No. V-A-8, 201,059 acre-feet from D. B. No. V-A-5a, 160,106 acre-feet from D. B. No. V-A-9b, 219,986 acre-feet from D. B. No. V-A-6a. [2]80,689 acre-feet to D. B. No. V-A-4, 201,059 acre-feet to D. B. No. V-A-16. [3]4,526 acre-feet to D. B. No. V-B-2f, 10,573 acre-feet to D. B. No. V-B-2a.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Gulf of Mexico excluding Mississippi River and Rio Grande (V-A)—Continued					Rio Grande below Fort Quitman (V-B)									
Colorado River—Con.						Rio Grande direct			Pecos River					
Colorado River direct above Austin (5b)	Concho River (5c)	Brazos River (6)	San Jacinto and Trinity Rivers (7, 8)	Sabine River (9)	Total	Total	Below Rio Grande City (1a)	Rio Grande City to Del Rio and Del Rio to Fort Quitman (1b, c)	Total	Pecos River direct below vicinity Grand-Falls (2a)	Pecos River direct Acme, New Mexico to Grand-Falls, Texas (2a)	Comanche Creek (2e)	Toyah Creek (2f)	Rio Grande direct above Fort Quitman (V-C)	
385,000	22,000	2,226,000	87,000	43,000	774,000	654,000	580,000	74,000	120,000	11,000	55,000	11,000	43,000	70,000	1
32,253	12,249	1,153,872	80,347	34,264	788,258	692,599	621,459	71,140	95,659	21,821	46,259	9,232	18,347	86,832	2
3	4	5	3	4	50	40	35	5	10	4	5	...	3	2	3
2	4	4	5	6	52	41	33	8	11	3	6	...	2	2	4
5,561	3,590	7,592	34,148	8,520	732,487	668,907	633,554	35,353	63,580	39,579	13,001	...	11,000	(D)	5
3,783	3,590	7,592	8,875	8,520	585,384	569,609	545,610	23,999	15,775	2,592	4,833	...	8,350	(D)	6
351	48	20	524	60	22,952	22,772	22,394	378	180	49	63	...	68	(D)	7
147	46	20	34	57	20,014	19,854	19,477	377	160	49	43	...	68	(D)	8
200	...	...	482	...	2,895	2,875	2,875	...	20	...	20	...	...	(D)	9
4	2	...	8	3	43	43	42	1	...	...	...	...	...	(D)	10
370,000	16,000	2,186,000	63,000	3,000	189,000	80,000	44,000	36,000	109,000	11,000	50,000	10,000	38,000	11,000	11
15,000	6,000	40,000	24,000	40,000	585,000	574,000	536,000	38,000	11,000	...	5,000	1,000	5,000	59,000	12
3	4	5	3	4	50	40	35	5	10	4	5	...	3	2	13
8,794	34,600	253,371	208,296	221,768	1,071,491	988,084	920,837	67,247	83,407	10,946	60,034	...	27,526	(D)	14
...	...	...	...	1	...	...	...	...	...	1	...	...	1	...	15
...	...	...	...	3,200	...	...	...	...	...	10,573	...	...	4,526	...	16
...	...	...	...	...	...	...	...	...	...	V-B-2b	...	...	V-B-2b	...	17
3	4	5	3	3	40	37	32	5	3	1	1	...	1	2	18
8,794	34,600	253,371	208,296	218,568	1,071,491	988,084	920,837	67,247	83,407	373	60,034	...	23,000	(D)	19
3	4	4	3	3	38	35	31	4	3	1	1	...	1	2	20
8,794	34,600	253,371	208,296	218,568	1,053,315	969,908	917,761	52,147	83,407	373	60,034	...	23,000	(D)	21
...	...	...	...	...	7	7	5	2	...	...	...	...	...	1	22
...	...	...	...	...	18,176	18,176	3,076	15,100	...	...	...	...	...	(D)	23
...	...	...	...	...	18	11	11	...	7	2	4	...	1	...	24
...	...	...	...	...	88,899	53,072	53,072	...	35,827	10,573	20,728	...	4,526	...	25
3	4	5	3	4	50	40	35	5	10	4	5	...	3	2	26
8,794	34,600	253,371	208,296	221,768	1,071,491	988,084	920,837	67,247	83,407	10,946	60,034	...	27,526	(D)	27
2	1	3	2	3	42	33	28	5	9	2	5	...	2	2	28
405	650	3,648	1,461	7,382	247,575	201,497	185,482	16,015	46,078	4,841	33,029	...	8,208	(D)	29
...	...	3	1	1	1	1	1	...	...	...	2	...	...	...	30
...	...	219,986	82,040	160,106	1,045	1,045	1,045	...	...	...	15,119	...	...	...	31
...	...	...	V-A-6b	...	...	...	V-B-1a	...	...	...	(3)	...	...	...	32
3	4	4	3	4	49	40	35	5	9	3	4	...	2	2	33
8,389	33,950	29,737	124,795	54,280	822,871	785,542	734,310	51,232	37,329	6,105	11,906	...	19,318	(D)	34
3	4	4	3	4	49	40	35	5	9	3	4	...	2	2	35
3,895	9,270	29,737	39,228	40,280	758,314	721,085	679,853	41,232	37,229	6,105	11,806	...	19,318	(D)	36
1	...	...	1	...	12	11	11	...	1	...	1	...	...	1	37
600	...	...	25,118	...	7,014	6,914	6,914	...	100	...	100	...	...	(D)	38
1	1	...	2	1	12	12	11	1	...	...	...	...	...	1	39
3,894	24,680	...	60,449	14,000	57,543	57,543	47,543	10,000	...	...	...	...	...	(D)	40
...	...	...	...	...	8	7	7	...	1	1	1	...	1	...	41
...	...	...	...	...	88,899	53,072	53,072	...	35,827	10,573	20,728	...	4,526	...	42
1.0	2.6	3.9	4.4	4.7	1.3	1.3	1.2	1.7	2.4	2.4	2.4	...	2.3	(D)	43
1	1	1	1	2	29	26	24	2	3	1	1	...	1	...	44
28,130	72,000	23,000	24,000	330,000	12,377,498	12,327,498	12,311,298	16,200	50,000	5,000	5,000	...	40,000	...	45

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Mississippi River, total (VI)	Mississippi River excluding Arkansas River and Red River direct below Lake Texhoma (VI-A)							Arkansas River, Canadian River direct below Conchas Reservoir (2a)
			Total	Red River direct above Lake Texhoma (2a)	Pease River (2b)	North and Salt Forks (2c)	Prairie Dog Town Fork			
							Total	Prairie Dog Town Fork direct (2d)	Tierra Blanca Creek (2e)	
1	Total acres irrigated in Census year.....1959...	1,565,000	1,257,000	33,000	167,000	42,000	1,015,000	476,000	539,000	308,000
2	1949...	447,244	435,569	13,212	88,083	272	334,002	163,694	170,308	11,675
3	Irrigation organizations.....organizations 1959...	1	1	1	...	...	...	...	...	...
4	1949...	1	1	1	...	...	...	...	...	...
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	(D)	(D)	(D)	...	...	...	...	...	...
6	Farm area reported irrigated by organizations.....acres 1959...	(D)	(D)	(D)	...	...	...	...	...	...
7	Water users served, total.....water users 1959...	(D)	(D)	(D)	...	...	...	...	...	...
8	Farm irrigation water users.....water users 1959...	(D)	(D)	(D)	...	...	...	...	...	...
9	Residential water users.....water users 1959...	...	...	...	...	...	...	...	...	...
10	Other water users.....water users 1959...	(D)	(D)	(D)	...	...	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	1,541,000	1,236,000	19,000	165,000	41,000	1,011,000	473,000	538,000	305,000
12	Surface water sources.....acres...	24,000	21,000	14,000	2,000	1,000	4,000	3,000	1,000	3,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	1	1	1	...	...	...	...	...	...
14	acre-feet...	(D)	(D)	(D)	...	...	...	...	...	...
15	From another drainage basin.....organizations...	...	...	...	...	...	...	...	...	...
16	acre-feet...	...	...	...	...	...	...	...	...	...
17	From drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...
18	From natural sources within basin...organizations...	1	1	1	...	...	...	...	...	...
19	acre-feet...	(D)	(D)	(D)	...	...	...	...	...	...
20	Surface water.....organizations...	1	1	1	...	...	...	...	...	...
21	acre-feet...	(D)	(D)	(D)	...	...	...	...	...	...
22	Ground water.....organizations...	...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...	...
24	*From other organizations in the basin.....organizations receiving...*	...	...	...	...	...	...	...	...	...
25	*acre-feet...*	...	...	...	...	...	...	...	...	...
26	Total leaving conveyance systems.....organizations...	1	1	1	...	...	...	...	...	...
27	acre-feet...	(D)	(D)	(D)	...	...	...	...	...	...
28	Conveyance loss in basin.....organizations...	...	...	...	...	...	...	...	...	...
29	acre-feet...	...	...	...	...	...	...	...	...	...
30	Conveyed to another drainage basin..organizations...	...	...	...	...	...	...	...	...	...
31	acre-feet...	...	...	...	...	...	...	...	...	...
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	1	1	1	...	...	...	...	...	...
34	acre-feet...	(D)	(D)	(D)	...	...	...	...	...	...
35	To farm irrigation water users...organizations...	1	1	1	...	...	...	...	...	...
36	acre-feet...	(D)	(D)	(D)	...	...	...	...	...	...
37	To residential water users.....organizations...	...	...	...	...	...	...	...	...	...
38	acre-feet...	...	...	...	...	...	...	...	...	...
39	For other use.....organizations...	1	1	1	...	...	...	...	...	...
40	acre-feet...	(D)	(D)	(D)	...	...	...	...	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	...	...	...	...	...	...	...	...	...
42	*acre-feet...*	...	...	...	...	...	...	...	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	(D)	(D)	(D)	...	...	...	...	...	...
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	1	1	1	...	...	...	...	...	...
45	dollars...	(D)	(D)	(D)	...	...	...	...	...	...

D Data not shown to avoid disclosure of information for individual organizations.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	Texas, total	Gulf of Mexico excluding Mississippi, Rio Grande, and Mermentau Rivers (V-A)	Rio Grande below Fort Quitman (V-B)
1	Irrigation organizations, total number.....organizations 1959...	103	51	50
2	1949...	122	67	52
3	Area irrigated as reported by organizations.....acres 1959...	943,818	278,940	585,384
4	1949...	1,042,714	362,089	583,397
5	Farm water users served directly....water users 1959...	24,588	2,449	20,014
6	Total water conveyed.....acre-feet 1959...	2,772,645	1,256,025	1,160,390
	TYPE OF ORGANIZATION			
	Mutual:			
7	Unincorporated.....organizations 1959...	25	21	4
8	1949...	34	28	6
9	Farm area irrigated directly.....acres 1959...	17,069	15,043	2,026
10	Farm water users served directly.....water users 1959...	201	169	32
11	Total water conveyed.....acre-feet 1959...	92,935	89,475	3,460
12	Incorporated.....organizations 1959...	4	2	2
13	1949...	11	8	3
14	Farm area irrigated directly.....acres 1959...	27,601	23,803	3,798
15	Farm water users served directly.....water users 1959...	183	108	75
16	Total water conveyed.....acre-feet 1959...	116,459	98,926	17,533
17	District.....organizations 1959...	51	8	42
18	1949...	45	5	38
19	Farm area irrigated directly.....acres 1959...	647,223	48,452	(D)
20	Farm water users served directly.....water users 1959...	21,490	1,258	(D)
21	Total water conveyed.....acre-feet 1959...	1,324,691	132,277	(D)
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau...organizations 1959...	1	...	...
23	1949...	2	...	1
24	Farm area irrigated directly.....acres 1959...	59,023	...	...
25	Farm water users served directly.....water users 1959...	1,788	...	...
26	Total water conveyed.....acre-feet 1959...	299,762	...	...
27	*U. S. Bureau of Reclamation; operated by water users.....organizations 1959...*	3	...	3
28	*1949...*	2	NA	NA
29	Farm area irrigated directly.....acres 1959...	106,650	...	106,650
30	Farm water users served directly.....water users 1959...	6,560	...	6,560
31	Total water conveyed.....acre-feet 1959...	207,491	...	207,491
32	U. S. Bureau of Indian Affairs....organizations 1959...	...	...	...
33	1949...	...	...	...
34	Farm area irrigated directly.....acres 1959...	...	...	...
35	Farm water users served directly.....water users 1959...	...	...	...
36	Total water conveyed.....acre-feet 1959...	...	...	...
		...	...	...
37	Commercial.....organizations 1959...	18	16	2
38	1949...	27	24	3
39	Farm area irrigated directly.....acres 1959...	(D)	(D)	(D)
40	Farm water users served directly.....water users 1959...	(D)	(D)	(D)
41	Total water conveyed.....acre-feet 1959...	(D)	(D)	(D)
42	State.....organizations 1959...	1	1	...
43	1949...	...	...	...
44	Farm area irrigated directly.....acres 1959...	(D)	(D)	...
45	Farm water users served directly.....water users 1959...	(D)	(D)	...
46	Total water conveyed.....acre-feet 1959...	(D)	(D)	...
				...
47	City.....organizations 1959...	3	3	...
48	1949...	3	2	1
49	Farm area irrigated directly.....acres 1959...	3,768	3,768	...
50	Farm water users served directly.....water users 1959...	11	11	...
51	Total water conveyed.....acre-feet 1959...	95,111	95,111	...
				...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Texas, total	Gulf of Mexico excluding Mississippi, Rio Grande, and Mermentau Rivers (V-A)	Rio Grande below Fort Quitman (V-B)
	TYPE OF SERVICE, 1959			
1	All water directly from surface and ground water sources.....organizations...	84	49	32
2	Total water conveyed.....acre-feet...	2,616,143	1,242,980	1,015,888
3	Water delivered.....acre-feet...	1,954,653	967,089	744,569
4	To farm and residential users only.....organizations...	77	48	26
5	acre-feet...	1,506,914	826,524	437,395
6	To farm and residential users and other irrigation organizations.....organizations...	6	1	5
7	Water to farm and residential users.....acre-feet...	347,176	128,565	218,611
8	Water to other irrigation organizations.....acre-feet...	64,736	12,000	52,736
9	To other irrigation organizations only.....organizations...	1	...	1
10	acre-feet...	35,827	...	35,827
11	Part of water from other organizations.....organizations...	8	...	8
12	Total water conveyed.....acre-feet...	65,367	...	65,367
13	From surface and ground water sources.....acre-feet...	55,603	...	55,603
14	From other irrigation organizations.....acre-feet...	9,764	...	9,764
15	Water delivered.....acre-feet...	52,476	...	52,476
16	To farm and residential users only.....organizations...	6	...	6
17	acre-feet...	13,247	...	13,247
18	To farm and residential users and other irrigation organizations.....organizations...	2	...	2
19	Water to farm and residential users.....acre-feet...	38,893	...	38,893
20	Water to other irrigation organizations.....acre-feet...	336	...	336
21	To other irrigation organizations only.....organizations...	...	...	...
22	acre-feet...	...	...	...
23	All of water from other organizations.....organizations...	11	2	10
24	Total water conveyed.....acre-feet...	91,135	13,045	79,135
25	Water delivered.....acre-feet...	69,793	12,611	57,182
26	To farm and residential users only.....organizations...	11	2	10
27	acre-feet...	69,793	12,611	57,182
28	To farm and residential users and other irrigation organizations.....organizations...	...	...	...
29	Water to farm residential users.....acre-feet...	...	...	...
30	Water to other irrigation organizations.....acre-feet...	...	...	...
31	To other irrigation organizations only.....organizations...	...	...	...
32	acre-feet...	...	...	...
33	No water conveyed.....organizations...	...	...	...
	WATER FROM OTHER SOURCES			
34	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	92	49	41
35	acres served...	1,278,873	527,326	650,152
36	acres irrigated...	861,652	273,809	512,528
37	Water delivered to farms.....acre-feet...	1,777,350	881,608	664,207
38	acre-feet per acre...	2.1	3.2	1.3
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	10	2	8
40	acres served...	120,880	37,500	83,380
41	acres irrigated...	82,166	8,265	73,901
42	Water delivered to farms.....acre-feet...	156,405	61,592	94,813
43	acre-feet per acre...	1.9	7.5	1.3

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Texas, total	Gulf of Mexico excluding Mississippi, Rio Grande, and Mermentau Rivers (V-A)	Rio Grande below Fort Quitman (V-B)
	WATER DELIVERED PER ACRE			
	Organizations reporting NO water from other sources used on same land:			
1	0.1 to 0.9 acre-feet per acre.....organizations...	12	6	7
2	acres irrigated...	122,405	29,794	96,790
3	1.0 to 1.9 acre-feet per acre.....organizations...	26	3	22
4	acres irrigated...	397,651	2,242	381,938
5	2.0 to 2.9 acre-feet per acre.....organizations...	20	13	7
6	acres irrigated...	84,054	54,405	29,649
7	3.0 to 3.9 acre-feet per acre.....organizations...	16	14	...
8	acres irrigated...	208,095	142,072	...
9	4.0 to 4.9 acre-feet per acre.....organizations...	5	4	1
10	acres irrigated...	13,651	12,823	828
11	5.0 to 5.9 acre-feet per acre.....organizations...	6	5	1
12	acres irrigated...	28,628	28,228	400
13	6.0 to 6.9 acre-feet per acre.....organizations...	3	1	2
14	acres irrigated...	6,468	3,845	2,623
15	7.0 to 7.9 acre-feet per acre.....organizations...	2	2	...
16	acres irrigated...	170	170	...
17	8.0 to 9.9 acre-feet per acre.....organizations...	1	...	1
18	acres irrigated...	300	...	300
19	10.0 or more acre-feet per acre.....organizations...	1	1	...
20	acres irrigated...	230	230	...
	SIZE OF ORGANIZATION			
	Size of organization (number of farm irrigation water users served directly):			
21	None.....organizations...	1	...	1
22	1 to 3.....organizations...	15	11	4
23	water users...	36	26	10
24	4 to 9.....organizations...	21	12	9
25	water users...	120	63	57
26	10 to 29.....organizations...	23	14	9
27	water users...	403	233	170
28	30 to 99.....organizations...	17	8	9
29	water users...	1,037	555	451
30	100 to 299.....organizations...	13	5	7
31	water users...	2,332	716	1,365
32	300 to 999.....organizations...	4	1	3
33	water users...	3,110	900	2,210
34	1,000 or more.....organizations...	9	...	8
35	water users...	16,552	...	14,764
	Size of organization (acre-feet of water delivered directly to farms):			
36	None.....organizations...	1	...	1
37	1 to 299 acre-feet.....organizations...	9	5	4
38	acre-feet...	1,406	657	749
39	300 to 999 acre-feet.....organizations...	12	9	3
40	acre-feet...	6,806	4,899	1,907
41	1,000 to 2,999 acre-feet.....organizations...	26	13	14
42	acre-feet...	59,876	33,869	28,831
43	3,000 to 9,999 acre-feet.....organizations...	19	9	10
44	acre-feet...	105,767	52,753	53,014
45	10,000 to 29,999 acre-feet.....organizations...	14	4	8
46	acre-feet...	252,979	74,274	133,149
47	30,000 to 99,999 acre-feet.....organizations...	18	9	9
48	acre-feet...	972,879	544,724	428,155
49	100,000 or more acre-feet.....organizations...	4	2	1
50	acre-feet...	534,042	232,024	113,215
	Size of organization (acre-feet of water conveyed):			
51	None.....organizations...	...	...	...
52	1 to 299 acre-feet.....organizations...	8	5	3
53	acre-feet...	1,248	678	570
54	300 to 999 acre-feet.....organizations...	12	8	4
55	acre-feet...	6,836	4,569	2,267
56	1,000 to 2,999 acre-feet.....organizations...	18	10	8
57	acre-feet...	115,072	98,421	16,651
58	3,000 to 9,999 acre-feet.....organizations...	20	8	13
59	acre-feet...	96,221	36,435	63,965
60	10,000 to 29,999 acre-feet.....organizations...	17	8	8
61	acre-feet...	289,433	137,944	126,127
62	30,000 to 99,999 acre-feet.....organizations...	22	9	12
63	acre-feet...	1,323,198	594,452	696,595
64	100,000 or more acre-feet.....organizations...	6	3	2
65	acre-feet...	944,637	390,660	254,215

State Table 3.—LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Texas, total	Gulf of Mexico excluding Mississippi, Rio Grande, and Mermentau Rivers (V-A)	Rio Grande below Fort Quitman (V-B)
1	Total acres irrigated.....farms reporting...	27,884	16,506	5,982
2	acres...	5,655,638	3,247,124	774,137
3	Acres irrigated by sprinklers....farms reporting...	4,564	3,782	135
4	acres...	554,641	480,392	23,113
5	Sprinklers only.....farms reporting...	3,919	3,278	69
6	acres...	479,965	425,032	10,872
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959			
7	Ground water sources on farm.....farms reporting...	19,847	14,202	871
8	acres...	4,614,720	2,882,878	180,907
9	Ground water sources on farm only.farms reporting...	18,843	13,727	530
10	acres...	4,407,221	2,771,887	133,593
11	Surface sources on farm.....farms reporting...	2,031	1,415	402
12	acres...	202,335	123,819	64,043
13	Surface sources on farm only.....farms reporting...	1,366	1,002	262
14	acres...	140,545	90,503	43,534
15	Irrigation organization sources.....farms reporting...	7,117	1,390	5,126
16	acres...	838,583	240,427	529,187
17	Irrigation organization sources only.....farms reporting...	6,568	1,264	4,787
18	acres...	734,777	220,359	461,745
19	Both farm ground water sources and surface sources.....farms reporting...	554	386	61
20	acres...	190,977	123,692	17,110
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	553	127	342
22	acres...	182,118	40,683	118,155

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	Texas, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	103	25	4	51	1	3	22
1949...	122	34	11	45	2	2	30
Service area, 1959:							
Area served, as reported by organizations.....acres...	1,399,753	46,380	27,601	851,650	76,114	123,328	398,008
Area irrigated, as reported by organizations.....acres...	943,818	17,069	27,601	647,223	59,023	106,650	192,902
Water users served, 1959, total.....water users...	33,827	201	183	25,277	6,736	6,560	1,430
Farm irrigation water users.....water users...	24,588	201	183	21,490	1,788	6,560	926
Residential water users.....water users...	9,124	...	...	3,695	4,947	...	482
Other water users.....water users...	115	...	...	92	1	...	22
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	84	24	4	34	1	3	21
Total water conveyed.....acre-feet...	2,616,143	92,025	116,459	1,181,099	299,762	207,491	926,798
Water delivered.....acre-feet...	1,954,653	80,825	110,881	862,806	197,439	126,215	702,702
To farm and residential users only.....organizations...	77	24	4	28	1	2	20
acre-feet...	1,506,914	80,825	110,881	555,632	197,439	84,655	562,137
To farm and residential users and other irrigation organizations.....organizations...	6	...	...	5	...	1	1
Water to farm and residential users.....acre-feet...	347,176	...	...	218,611	...	41,520	128,565
Water to other irrigation organizations.....acre-feet...	64,736	...	...	52,736	...	40	12,000
To other irrigation organizations only.....organizations...	1	...	...	1	...	...	...
acre-feet...	35,827	...	...	35,827	...	...	...
Part of water from other organizations.....organizations...	8	1	...	7	...	...	...
Total water conveyed.....acre-feet...	65,367	910	...	64,457	...	...	...
From surface and ground water sources.....acre-feet...	55,603	600	...	55,003	...	...	...
From other irrigation organizations.....acre-feet...	9,764	310	...	9,454	...	...	...
Water delivered.....acre-feet...	52,476	850	...	51,626	...	...	...
To farm and residential users only.....organizations...	6	1	...	5	...	...	...
acre-feet...	13,247	850	...	12,397	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	2	...	...	2	...	...	...
Water to farm and residential users.....acre-feet...	38,893	...	...	38,893	...	...	...
Water to other irrigation organizations.....acre-feet...	336	...	...	336	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	11	...	...	10	...	...	1
Total water conveyed.....acre-feet...	91,135	...	...	79,135	...	...	12,000
Water delivered.....acre-feet...	69,793	...	...	57,913	...	...	11,880
To farm and residential users only.....organizations...	11	...	...	10	...	...	1
acre-feet...	69,793	...	...	57,913	...	...	11,880
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	92	24	3	43	1	2	21
acres served...	1,278,873	23,880	25,801	770,070	76,114	112,728	383,008
acres irrigated...	861,652	10,971	25,801	575,122	59,023	98,700	190,735
water delivered to farms (acre-feet)...	1,777,350	28,875	108,422	782,578	188,803	109,120	668,672
acre-feet per acre...	2.1	2.6	4.2	1.4	3.2	1.1	3.5
Organizations reporting water from other sources used on land served by the organization.....organizations...	10	1	1	7	...	1	1
acres served...	120,880	22,500	1,800	81,580	...	10,600	15,000
acres irrigated...	82,166	6,098	1,800	72,101	...	7,950	2,167
water delivered to farms (acre-feet)...	156,405	52,800	2,459	92,354	...	17,055	8,792
acre-feet per acre...	1.9	8.6	1.4	1.3	...	2.1	4.0
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	50	7	1	32	...	3	10
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	16,733,025	393,175	1,200	15,699,447	...	865,554	639,203

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Texas, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	103	25	4	51	1	3	22
acre-feet...	2,671,746	92,625	116,459	1,236,102	299,762	207,491	926,798
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	92	25	4	41	1	3	21
acre-feet...	2,671,746	92,625	116,459	1,236,102	299,762	207,491	926,798
Surface water.....organizations...	80	16	3	40	1	3	20
acre-feet...	2,638,564	84,769	101,382	1,229,957	299,762	207,491	922,694
Ground water.....organizations...	19	10	2	4	...	...	3
acre-feet...	33,182	7,856	15,077	6,145	...	...	4,104
From other organizations in the basin.....organizations receiving...	19	1	...	17	...	...	1
acre-feet...	100,899	310	...	88,589	...	...	12,000
Total leaving conveyance systems.....organizations...	103	25	4	51	1	3	22
acre-feet...	2,671,746	92,935	116,459	1,235,792	299,762	207,451	926,798
Conveyance loss in basin.....organizations...	80	15	4	43	1	3	17
acre-feet...	470,139	11,260	5,578	264,629	95,551	65,722	93,121
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	102	25	4	50	1	3	22
acre-feet...	2,201,607	81,675	110,881	971,163	204,211	141,729	833,677
To farm irrigation water users.....organizations...	102	25	4	50	1	3	22
acre-feet...	1,933,755	81,675	110,881	874,932	188,803	126,175	677,464
To domestic water users.....organizations...	16	...	...	14	1	...	1
acre-feet...	42,268	...	...	8,514	8,636	...	25,118
For other use.....organizations...	24	...	...	17	1	2	6
acre-feet...	225,584	...	...	87,717	6,772	15,554	131,095
Delivered to other irrigation organizations.....organizations delivering...	9	...	...	8	...	1	1
acre-feet...	100,899	...	...	88,899	...	40	12,000
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	1	...	...	1	...	...	...
1 to 3 water users.....organizations...	15	9	...	1	...	...	5
4 to 9 water users.....organizations...	21	10	1	7	...	...	3
10 to 29 water users.....organizations...	23	6	1	9	...	...	7
30 to 99 water users.....organizations...	17	...	2	11	...	1	4
100 to 299 water users.....organizations...	13	...	...	10	...	...	3
300 to 999 water users.....organizations...	4	...	...	4	...	...	...
1,000 or more water users.....organizations...	9	...	...	8	1	2	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	1	...	...	1	...	...	...
1 to 299 acre-feet.....organizations...	9	7	...	1	...	...	1
300 to 999 acre-feet.....organizations...	12	9	...	3	...	...	...
1,000 to 2,999 acre-feet.....organizations...	26	7	1	13	...	...	5
3,000 to 9,999 acre-feet.....organizations...	19	1	...	12	...	...	6
10,000 to 29,999 acre-feet.....organizations...	14	...	2	10	...	1	2
30,000 to 99,999 acre-feet.....organizations...	18	1	1	10	...	2	6
100,000 or more acre-feet.....organizations...	4	...	...	1	1	...	2
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	8	6	...	1	...	...	1
300 to 999 acre-feet.....organizations...	12	10	...	2	...	...	...
1,000 to 2,999 acre-feet.....organizations...	18	6	1	7	...	...	4
3,000 to 9,999 acre-feet.....organizations...	20	1	...	15	...	...	4
10,000 to 29,999 acre-feet.....organizations...	17	1	2	10	...	1	4
30,000 to 99,999 acre-feet.....organizations...	22	1	1	14	...	1	6
100,000 or more acre-feet.....organizations...	6	...	...	2	1	1	3

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Gulf of Mexico excluding Mississippi, Rio Grande, and Mermentau Rivers (V-A)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	51	21	2	8	...	...	20
1949...	67	28	8	5	...	NA	26
Service area, 1959:							
Area served, as reported by organizations.....acres...	559,351	43,770	23,803	103,880	...	...	387,898
Area irrigated, as reported by organizations.....acres...	278,940	15,043	23,803	48,452	...	...	191,642
Water users served, 1959, total.....water users...	3,800	169	108	2,105	...	...	1,418
Farm irrigation water users.....water users...	2,449	169	108	1,258	...	...	914
Residential water users.....water users...	1,282	...	...	800	...	...	482
Other water users.....water users...	69	...	...	47	...	...	22
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	49	21	2	7	...	...	19
Total water conveyed.....acre-feet...	1,242,980	89,475	98,926	131,232	...	...	923,347
Water delivered.....acre-feet...	967,089	79,123	96,422	92,293	...	...	699,251
To farm and residential users only.....organizations...	48	21	2	7	...	...	18
acre-feet...	826,524	79,123	96,422	92,293	...	...	558,686
To farm and residential users and other irrigation organizations.....organizations...	1	...	...	...	...	...	1
Water to farm and residential users.....acre-feet...	128,565	...	...	...	...	...	128,565
Water to other irrigation organizations.....acre-feet...	12,000	...	...	...	...	...	12,000
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
From surface and ground water sources.....acre-feet...	...	...	...	...	...	...	...
From other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	2	...	...	1	...	...	1
Total water conveyed.....acre-feet...	13,045	...	...	1,045	...	...	12,000
Water delivered.....acre-feet...	12,611	...	...	731	...	...	11,880
To farm and residential users only.....organizations...	2	...	...	1	...	...	1
acre-feet...	12,611	...	...	731	...	...	11,880
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	49	20	2	8	...	...	19
acres served...	527,326	21,270	23,803	109,355	...	...	372,898
acres irrigated...	273,809	8,945	23,803	51,586	...	...	189,475
water delivered to farms (acre-feet)...	881,608	26,323	96,422	93,642	...	...	665,221
acre-feet per acre...	3.2	2.9	4.0	1.8	...	...	3.5
Organizations reporting water from other sources used on land served by the organization.....organizations...	2	1	...	...	...	...	1
acres served...	37,500	22,500	...	...	...	...	15,000
acres irrigated...	8,265	6,098	...	...	...	...	2,167
water delivered to farms (acre-feet)...	61,592	52,800	...	...	...	...	8,792
acre-feet per acre...	7.5	8.6	...	...	...	...	4.0
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	21	6	...	6	...	...	9
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	4,328,527	390,475	...	3,336,652	...	...	601,400

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Gulf of Mexico excluding Mississippi, Rio Grande, and Mermentau Rivers (V-A)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	51	21	2	8	...	...	20
acre-feet...	1,244,025	89,475	98,926	132,277	...	...	923,347
From another drainage basin.....organizations...	1	...	...	1	...	...	...
acre-feet...	1,045	...	...	1,045	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	49	21	2	7	...	...	19
acre-feet...	1,242,980	89,475	98,926	131,232	...	...	923,347
Surface water.....organizations...	39	12	2	7	...	...	18
acre-feet...	1,232,974	81,719	98,926	131,232	...	...	921,097
Ground water.....organizations...	11	9	...	...	...	...	2
acre-feet...	10,006	7,756	...	...	...	...	2,250
From other organizations in the basin.....organizations receiving...	1	...	...	...	...	...	1
acre-feet...	12,000	...	...	...	...	...	12,000
Total leaving conveyance systems.....organizations...	51	21	2	8	...	...	20
acre-feet...	1,244,025	89,475	98,926	132,277	...	...	923,347
Conveyance loss in basin.....organizations...	37	11	2	7	...	...	17
acre-feet...	116,296	10,352	2,504	10,319	...	...	93,121
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	51	21	2	8	...	...	20
acre-feet...	1,127,729	79,123	96,422	121,958	...	...	830,226
To farm irrigation water users.....organizations...	51	21	2	8	...	...	20
acre-feet...	941,082	79,123	96,422	91,524	...	...	674,013
To domestic water users.....organizations...	4	...	...	3	...	...	1
acre-feet...	26,618	...	...	1,500	...	...	25,118
For other use.....organizations...	10	...	...	4	...	...	6
acre-feet...	160,029	...	...	28,934	...	...	131,095
Delivered to other irrigation organizations.....organizations delivering...	1	...	...	...	...	...	1
acre-feet...	12,000	...	...	...	...	...	12,000
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	...	...	...	...	...	...	...
1 to 3 water users.....organizations...	11	7	...	...	...	...	4
4 to 9 water users.....organizations...	12	9	...	...	...	...	3
10 to 29 water users.....organizations...	14	5	1	2	...	...	6
30 to 99 water users.....organizations...	8	...	1	3	...	...	4
100 to 299 water users.....organizations...	5	...	...	2	...	...	3
300 to 999 water users.....organizations...	1	...	...	1	...	...	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	5	5	...	...	...	...	...
300 to 999 acre-feet.....organizations...	9	8	...	1	...	...	...
1,000 to 2,999 acre-feet.....organizations...	13	6	...	2	...	...	5
3,000 to 9,999 acre-feet.....organizations...	9	1	...	3	...	...	5
10,000 to 29,999 acre-feet.....organizations...	4	...	1	1	...	...	2
30,000 to 99,999 acre-feet.....organizations...	9	1	1	1	...	...	6
100,000 or more acre-feet.....organizations...	2	...	...	...	...	...	2
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	5	5	...	...	...	...	...
300 to 999 acre-feet.....organizations...	8	8	...	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	10	5	...	1	...	...	4
3,000 to 9,999 acre-feet.....organizations...	8	1	...	4	...	...	3
10,000 to 29,999 acre-feet.....organizations...	8	1	1	2	...	...	4
30,000 to 99,999 acre-feet.....organizations...	9	1	1	1	...	...	6
100,000 or more acre-feet.....organizations...	3	...	...	...	...	...	3

NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Rio Grande below Fort Quitman (V-B)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	50	4	2	42	...	3	2
1949...	52	6	3	38	1	NA	4
Service area, 1959:							
Area served, as reported by organizations.....acres...	732,487	2,610	(D)	715,969	...	123,328	(D)
Area irrigated, as reported by organizations.....acres...	585,384	2,026	(D)	578,300	...	106,650	(D)
Water users served, 1959, total.....water users...	22,952	32	(D)	22,833	...	6,566	(D)
Farm irrigation water users.....water users...	20,014	32	(D)	19,895	...	6,560	(D)
Residential water users.....water users...	2,895	...	...	2,895	...	...	...
Other water users.....water users...	43	...	...	43	...	6	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	32	3	2	25	...	3	2
Total water conveyed.....acre-feet...	1,015,888	2,550	(D)	992,354	...	207,491	(D)
Water delivered.....acre-feet...	744,569	1,702	(D)	724,957	...	126,215	(D)
To farm and residential users only.....organizations...	26	3	2	19	...	2	2
acre-feet...	437,395	1,702	(D)	417,783	...	84,655	(D)
To farm and residential users and other irrigation organizations.....organizations...	5	...	...	5	...	1	...
Water to farm and residential users.....acre-feet...	218,611	...	...	218,611	...	41,520	...
Water to other irrigation organizations.....acre-feet...	52,736	...	...	52,736	...	40	...
To other irrigation organizations only.....organizations...	1	...	...	1	...	...	...
acre-feet...	35,827	...	...	35,827	...	...	...
Part of water from other organizations.....organizations...	8	1	...	7	...	...	...
Total water conveyed.....acre-feet...	65,367	910	...	64,457	...	...	...
From surface and ground water sources.....acre-feet...	55,603	600	...	55,003	...	...	...
From other irrigation organizations.....acre-feet...	9,764	310	...	9,454	...	...	...
Water delivered.....acre-feet...	52,476	850	...	51,626	...	...	...
To farm and residential users only.....organizations...	6	1	...	5	...	...	...
acre-feet...	13,247	850	...	12,397	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	2	...	...	2	...	...	...
Water to farm and residential users.....acre-feet...	38,893	...	...	38,893	...	...	...
Water to other irrigation organizations.....acre-feet...	336	...	...	336	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	10	...	...	10	...	...	...
Total water conveyed.....acre-feet...	79,135	...	...	79,135	...	...	...
Water delivered.....acre-feet...	57,182	...	...	57,182	...	...	...
To farm and residential users only.....organizations...	10	...	...	10	...	...	...
acre-feet...	57,182	...	...	57,182	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	41	4	1	34	...	2	2
acres served...	650,152	2,610	(D)	635,434	...	112,728	(D)
acres irrigated...	512,528	2,026	(D)	507,244	...	98,700	(D)
water delivered to farms (acre-feet)...	664,207	2,552	(D)	646,204	...	109,120	(D)
acre-feet per acre...	1.3	1.3	(D)	1.3	...	1.1	2.7
Organizations reporting water from other sources used on land served by the organization.....organizations...	8	...	1	7	...	1	...
acres served...	83,380	...	(D)	81,580	...	10,600	...
acres irrigated...	73,901	...	(D)	72,101	...	7,950	...
water delivered to farms (acre-feet)...	94,813	...	(D)	92,354	...	17,055	...
acre-feet per acre...	1.3	...	(D)	1.3	...	2.1	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	29	1	1	26	...	3	1
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	12,377,498	2,700	(D)	715,969	...	865,554	(D)

See footnotes at end of table.

State Table 4.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Con.

Item (For definitions and explanations, see text)	Rio Grande below Fort Quitman (V-B)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	50	4	2	42	...	3	2
acre-feet...	1,071,491	3,150	(D)	1,047,357	...	207,491	(D)
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	40	4	2	32	...	3	2
acre-feet...	1,071,491	3,150	(D)	1,047,357	...	207,491	(D)
Surface water.....organizations...	38	4	1	31	...	3	2
acre-feet...	1,053,315	3,050	(D)	1,046,212	...	207,491	(D)
Ground water.....organizations...	7	1	2	3	...	...	1
acre-feet...	18,176	100	(D)	1,145	...	...	(D)
From other organizations in the basin.....organizations receiving...	18	1	...	17	...	...	...
acre-feet...	88,899	310	...	88,589	...	...	...
Total leaving conveyance systems.....organizations...	50	4	2	42	...	3	2
acre-feet...	1,071,491	3,460	(D)	1,047,047	...	207,451	(D)
Conveyance loss in basin.....organizations...	42	4	2	36	...	3	...
acre-feet...	247,575	908	(D)	243,593	...	65,722	...
Conveyed to another drainage basin.....organizations...	1	...	...	1	...	...	...
acre-feet...	1,045	...	...	1,045	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	49	4	2	41	...	3	2
acre-feet...	822,871	2,552	(D)	802,409	...	141,729	(D)
To farm irrigation water users.....organizations...	49	4	2	41	...	3	2
acre-feet...	758,314	2,552	(D)	737,852	...	126,175	(D)
To domestic water users.....organizations...	12	...	...	12	...	...	...
acre-feet...	7,014	...	...	7,014	...	...	...
For other use.....organizations...	12	...	...	12	...	2	...
acre-feet...	57,543	...	...	57,543	...	15,554	...
Delivered to other irrigation organizations.....organizations delivering...	8	...	...	8	...	1	...
acre-feet...	88,899	...	...	88,899	...	40	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	1	...	(D)	1	...	...	(D)
1 to 3 water users.....organizations...	4	2	(D)	1	...	...	(D)
4 to 9 water users.....organizations...	9	1	(D)	7	...	...	(D)
10 to 29 water users.....organizations...	9	1	(D)	7	...	...	(D)
30 to 99 water users.....organizations...	9	...	(D)	8	...	1	(D)
100 to 299 water users.....organizations...	7	...	(D)	7	...	...	(D)
300 to 999 water users.....organizations...	3	...	(D)	3	...	...	(D)
1,000 or more water users.....organizations...	8	...	(D)	8	...	2	(D)
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	1	...	(D)	1	...	...	(D)
1 to 299 acre-feet.....organizations...	4	2	(D)	1	...	...	(D)
300 to 999 acre-feet.....organizations...	3	1	(D)	2	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	14	1	(D)	12	...	...	(D)
3,000 to 9,999 acre-feet.....organizations...	10	...	(D)	9	...	...	(D)
10,000 to 29,999 acre-feet.....organizations...	8	...	(D)	7	...	1	(D)
30,000 to 99,999 acre-feet.....organizations...	9	...	(D)	9	...	2	(D)
100,000 or more acre-feet.....organizations...	1	...	(D)	1	...	...	(D)
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	3	1	(D)	1	...	...	(D)
300 to 999 acre-feet.....organizations...	4	2	(D)	2	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	8	1	(D)	6	...	...	(D)
3,000 to 9,999 acre-feet.....organizations...	13	...	(D)	12	...	...	(D)
10,000 to 29,999 acre-feet.....organizations...	8	...	(D)	7	...	1	(D)
30,000 to 99,999 acre-feet.....organizations...	12	...	(D)	12	...	1	(D)
100,000 or more acre-feet.....organizations...	2	...	(D)	2	...	1	(D)

D Data not shown to avoid disclosure of information for individual operations.
NA Not available.

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Texas, total				Gulf of Mexico excluding Mississippi, Rio Grande, and Mermentau Rivers (V-A)			
		Size of organization, by total water conveyed							
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations....organizations...	20	38	39	6	13	18	17	3
	TYPE OF SERVICE								
2	All water directly from surface and ground sources....organizations...	17	27	34	6	13	18	15	3
3	Total water conveyed....acre-feet...	6,325	164,811	1,500,370	944,637	5,247	130,677	716,396	390,660
4	Water delivered....acre-feet...	6,054	94,306	1,134,015	720,278	5,056	68,299	551,710	342,024
5	To farm and residential users only....organizations...	17	27	28	5	13	18	15	2
6	acre-feet...	6,054	94,306	826,841	579,713	5,056	68,299	551,710	201,459
7	To farm and residential users and other irrigation organizations....organizations...	...	...	5	1	...	...	...	1
8	Water to farm and residential users....acre-feet...	...	...	218,611	128,565	...	...	...	128,565
9	Water to other irrigation organizations....acre-feet...	...	...	52,736	12,000	...	...	...	12,000
10	To other irrigation organizations only....organizations...	...	...	1	...	...	...	...	...
11	acre-feet...	...	...	35,827	...	...	...	...	...
12	Part of water from other organizations....organizations...	2	5	1	...	...	...	...	...
13	Total water conveyed....acre-feet...	1,594	16,299	47,474	...	...	...	...	...
14	From surface and ground water sources....acre-feet...	691	7,645	47,267	...	...	...	...	...
15	From other irrigation organizations....acre-feet...	903	8,654	207	...	...	...	...	...
16	Water delivered....acre-feet...	1,534	14,820	36,122	...	...	...	...	...
17	To farm and residential users only....organizations...	2	4	...	...	...	...	...	...
18	acre-feet...	1,534	11,713	...	...	...	...	...	...
19	To farm and residential users and other irrigation organizations....organizations...	...	1	1	...	...	...	...	...
20	Water to farm and residential users....acre-feet...	...	3,036	35,857	...	...	...	...	...
21	Water to other irrigation organizations....acre-feet...	...	71	265	...	...	...	...	...
22	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...
24	All of water from other organizations....organizations...	1	7	3	...	...	1	1	...
25	Total water conveyed....acre-feet...	165	30,183	60,787	...	...	1,045	12,000	...
26	Water delivered....acre-feet...	124	17,880	51,789	...	...	706	11,905	...
27	To farm and residential users only....organizations...	1	7	3	...	...	1	1	...
28	acre-feet...	124	17,880	51,789	...	...	706	11,905	...
29	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...	...	...	...	...
30	Water to farm and residential users....acre-feet...	...	...	...	...	...	...	...	...
31	Water to other irrigation organizations....acre-feet...	...	...	...	...	...	...	...	...
32	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...	...	...
34	No water conveyed....organizations...	...	...	...	...	...	...	...	...
	WATER FROM OTHER SOURCES								
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	20	34	32	6	13	18	15	3
36	acres served...	17,912	147,016	810,582	303,363	2,708	61,586	373,636	89,396
37	acres irrigated...	5,378	74,170	503,985	278,119	2,028	42,162	140,223	89,396
38	Organizations reporting water from other sources used on land served by the organization....organizations...	...	4	6	...	...	...	2	...
39	acres served...	...	13,685	107,195	...	...	...	37,500	...
40	acres irrigated...	...	10,617	71,549	...	...	...	8,265	...
	NEW CAPITAL INVESTMENT, 1950-1959								
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	3	17	27	3	2	8	10	1
42	dollars...	20,475	2,440,600	12,701,396	1,570,554	15,901	2,106,454	2,061,172	145,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
43	Total entering conveyance systems in basin....organizations...	20	38	39	6	13	19	16	3
44	acre-feet...	7,016	172,456	1,547,637	944,637	5,247	131,722	716,396	390,660
45	From another drainage basin....organizations...	...	...	...	...	...	1	...	...
46	acre-feet...	...	...	...	...	...	1,045	...	...
47	From Drainage Basin number....D. B. No....	...	...	...	...	...	...	...	...
48	From natural sources within basin....organizations...	19	31	36	6	13	18	15	3
49	acre-feet...	7,016	172,456	1,547,637	944,637	5,247	130,677	716,396	390,660
50	Surface water....organizations...	12	27	35	6	6	15	15	3
51	acre-feet...	4,013	162,277	1,527,637	944,637	2,344	123,574	716,396	390,660
52	Ground water....organizations...	8	9	2	...	7	4	...	...
53	acre-feet...	3,003	10,179	20,000	...	2,903	7,103	...	...
54	*From other organizations in the basin*....*organizations receiving*...	3	12	4	...	...	...	1	...
55	*acre-feet*...	1,068	38,837	60,994	...	...	...	12,000	...
56	Total leaving conveyance systems....organizations...	20	38	39	6	13	19	16	3
57	acre-feet...	8,084	211,222	1,519,803	932,637	5,247	131,722	728,396	378,660
58	Conveyance loss in basin....organizations...	9	31	35	5	5	14	15	3
59	acre-feet...	372	24,730	248,850	196,187	191	4,235	63,234	48,636
60	Conveyed to another drainage basin....organizations...	...	...	...	...	...	...	...	...
61	acre-feet...	...	...	...	...	...	...	...	...
62	To drainage basin number....D. B. No....	...	...	...	...	...	...	...	...
63	Delivered for use in the basin....organizations...	20	39	38	6	13	19	16	3
64	acre-feet...	7,712	186,492	1,270,953	736,450	5,056	127,487	665,162	330,024
65	To farm irrigation water users....organizations...	20	39	37	6	13	19	16	3
66	acre-feet...	7,712	98,010	1,128,391	699,642	5,056	42,412	563,590	330,024
67	To residential water users....organizations...	...	8	7	1	...	4	...	...
68	acre-feet...	...	28,925	4,707	8,636	...	26,618	...	...
69	For other use....organizations...	...	4	17	3	...	3	7	...
70	acre-feet...	...	59,557	137,855	28,172	...	58,457	101,572	...
71	*Delivered to other irrigation organizations*....*organizations delivering*...	...	1	7	1	...	...	...	1
72	*acre-feet*...	...	71	88,828	12,000	...	...	...	12,000
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959								
	Per acre irrigated, as reported by irrigation organization:								
73	All organizations....acre-feet...	1.4	1.1	2.0	2.3	2.5	1.1	4.1	3.7
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	20	34	32	6	13	18	15	3
75	acre-feet...	1.4	1.2	1.9	2.0	2.5	1.2	3.5	2.1

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	Rio Grande below Fort Quitman (V-B)		
		Size of organization, by total water conveyed		
		0-999 acre-feet	1,000-9,999 acre-feet	10,000 or more acre-feet
1	Number of organizations....organizations...	7	21	22
	TYPE OF SERVICE			
2	All water directly from surface and ground sources....organizations...	4	9	19
3	Total water conveyed....acre-feet...	1,078	34,134	980,676
4	Water delivered....acre-feet...	998	26,007	717,564
5	To farm and residential users only....organizations...	4	9	13
6	acre-feet...	998	26,007	410,390
7	To farm and residential users and other irrigation organizations....organizations...	...	...	5
8	Water to farm and residential users....acre-feet...	...	...	218,611
9	Water to other irrigation organizations....acre-feet...	...	...	52,736
10	To other irrigation organizations only....organizations...	...	...	1
11	acre-feet...	...	...	35,827
12	Part of water from other organizations....organizations...	2	5	1
13	Total water conveyed....acre-feet...	1,594	16,299	47,474
14	From surface and ground water sources....acre-feet...	691	7,645	47,267
15	From other irrigation organizations....acre-feet...	903	8,654	207
16	Water delivered....acre-feet...	1,534	14,820	36,122
17	To farm and residential users only....organizations...	2	4	...
18	acre-feet...	1,534	11,713	...
19	To farm and residential users and other irrigation organizations....organizations...	...	1	1
20	Water to farm and residential users....acre-feet...	...	3,036	35,857
21	Water to other irrigation organizations....acre-feet...	...	71	265
22	To other irrigation organizations only....organizations...	...	...	...
23	acre-feet...	...	...	...
24	All of water from other organizations....organizations...	1	7	2
25	Total water conveyed....acre-feet...	165	30,183	48,787
26	Water delivered....acre-feet...	124	17,149	39,909
27	To farm and residential users only....organizations...	1	7	2
28	acre-feet...	124	17,149	39,909
29	To farm and residential users and other irrigation organizations....organizations...	...	...	...
30	Water to farm and residential users....acre-feet...	...	...	...
31	Water to other irrigation organizations....acre-feet...	...	...	...
32	To other irrigation organizations only....organizations...	...	...	...
33	acre-feet...	...	...	...
34	No water conveyed....organizations...	...	...	...
	WATER FROM OTHER SOURCES			
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	7	17	17
36	acres served...	15,204	94,150	540,798
37	acres irrigated...	3,350	38,387	470,791
38	Organizations reporting water from other sources used on land served by the organization....organizations...	...	4	4
39	acres served...	...	13,685	69,695
40	acres irrigated...	...	10,617	63,284
	NEW CAPITAL INVESTMENT, 1950-1959			
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	1	10	18
42	dollars...	5,000	333,720	12,038,778
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959			
43	Total entering conveyance systems in basin....organizations...	7	21	22
44	acre-feet...	1,769	41,779	1,027,943
45	From another drainage basin....organizations...	...	...	...
46	acre-feet...	...	...	...
47	From Drainage Basin number....D. B. No....	...	...	...
48	From natural sources within basin....organizations...	6	14	20
49	acre-feet...	1,769	41,779	1,027,943
50	Surface water....organizations...	6	13	19
51	acre-feet...	1,669	38,703	1,012,943
52	Ground water....organizations...	1	5	1
53	acre-feet...	100	3,076	15,000
54	*From other organizations in the basin*....*organizations receiving*...	3	12	3
55	*acre-feet*...	1,068	38,837	48,994
56	Total leaving conveyance systems....organizations...	7	21	22
57	acre-feet...	2,837	80,545	988,109
58	Conveyance loss in basin....organizations...	4	18	20
59	acre-feet...	181	20,495	226,899
60	Conveyed to another drainage basin....organizations...	...	1	...
61	acre-feet...	...	1,045	...
62	To drainage basin number....D. B. No....	...	...	...
63	Delivered for use in the basin....organizations...	7	21	21
64	acre-feet...	2,656	59,005	761,210
65	To farm irrigation water users....organizations...	7	21	21
66	acre-feet...	2,656	55,598	700,060
67	To residential water users....organizations...	...	5	7
68	acre-feet...	...	2,307	4,707
69	For other use....organizations...	...	1	11
70	acre-feet...	...	1,100	56,443
71	*Delivered to other irrigation organizations*....*organizations delivering*...	...	1	7
72	*acre-feet*...	...	71	88,828
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959			
73	Per acre irrigated, as reported by irrigation organization: All organizations....acre-feet...	0.8	1.2	1.3
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	7	17	17
75	acre-feet...	0.8	1.3	1.3

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State Table 1.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	The State	North Pacific Coast: Snake River, King Hill, Idaho, to American Falls, Idaho (I-G)			Great Basin	Bonneville Basin excluding Bear River (III-D)			
								Great Salt Lake Basin excluding Bear River		
			Total	Upper Goose Creek (4)	Raft River (5)		Total	Total	Northwest Great Salt Lake Basin (1)	Southwest Great Salt Lake Basin (2)
1	Total acres irrigated in Census year.....1959...	1,061,683	5,000	1,000	4,000	787,000	592,000	320,000	10,000	11,000
2	1949...	1,166,972	6,320	510	5,810	856,568	669,906	356,124	14,470	13,987
3	Irrigation organizations.....organizations 1959...	984	7	...	7	814	676	420	8	22
4	1949...	1,058	7	...	7	871	732	450	10	22
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	1,300,483	5,640	...	5,640	944,774	738,026	377,385	9,540	14,340
6	Farm area reported irrigated by organizations.....acres 1959...	1,109,620	4,280	...	4,280	795,207	606,211	347,251	6,970	10,138
7	Water users served, total.....water users 1959...	90,952	51	...	51	81,579	71,880	57,382	105	813
8	Farm irrigation water users.....water users 1959...	43,001	51	...	51	35,979	29,272	20,829	98	246
9	Residential water users.....water users 1959...	47,519	...	...	...	45,168	42,182	36,489	7	563
10	Other water users.....water users 1959...	432	...	...	...	432	426	64	...	4
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	157,999	1,000	1,000	...	141,000	122,000	40,000	2,000	10,000
12	Surface water sources.....acres...	903,684	4,000	...	4,000	646,000	470,000	280,000	8,000	1,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	978	7	...	7	809	671	416	8	22
14	acre-feet...	3,648,089	5,028	...	5,028	2,621,153	2,041,426	1,327,163	13,090	21,349
15	From another drainage basin.....organizations...	11	...	...	...	14	8	7	1	1
16	acre-feet...	91,394	...	...	...	197,732	131,192	115,862	2,565	669
17	From drainage basin number.....D. B. No....	...	...	...	...	...	...	...	IV-E-2	IV-E-5b
18	From natural sources within basin...organizations...	863	7	...	7	702	605	359	7	21
19	acre-feet...	3,556,695	5,028	...	5,028	2,423,421	1,910,234	1,211,301	10,525	20,680
20	Surface water.....organizations...	754	4	...	4	605	526	326	6	14
21	acre-feet...	3,401,225	4,172	...	4,172	2,293,755	1,805,542	1,162,637	8,740	10,414
22	Ground water.....organizations...	152	3	...	3	133	110	45	1	8
23	acre-feet...	155,470	856	...	856	129,666	104,692	48,664	1,785	10,266
24	*From other organizations in the basin.....organizations receiving...*	179	...	...	...	165	126	109	...	...
25	*acre-feet...*	557,722	...	...	...	457,542	364,126	293,379	...	...
26	Total leaving conveyance systems.....organizations...	978	7	...	7	809	671	416	8	22
27	acre-feet...	3,648,089	5,028	...	5,028	2,621,153	2,041,426	1,327,163	13,090	21,349
28	Conveyance loss in basin.....organizations...	808	7	...	7	662	547	326	5	20
29	acre-feet...	466,721	1,362	...	1,362	362,314	276,694	138,593	897	3,332
30	Conveyed to another drainage basin..organizations...	5	...	...	...	4	1	...	...	...
31	acre-feet...	13,355	...	...	...	8,835	2,920	...	...	...
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	970	7	...	7	803	666	413	8	22
34	acre-feet...	3,168,013	3,666	...	3,666	2,250,004	1,761,812	1,188,570	12,193	18,017
35	To farm irrigation water users...organizations...	965	7	...	7	798	662	409	8	22
36	acre-feet...	2,956,192	3,666	...	3,666	2,056,947	1,591,551	1,038,289	11,827	16,743
37	To residential water users.....organizations...	245	...	...	...	212	187	141	1	6
38	acre-feet...	132,501	...	...	...	113,737	96,141	79,485	366	1,034
39	For other use.....organizations...	30	...	...	...	30	25	19	...	1
40	acre-feet...	79,320	...	...	...	79,320	74,120	70,796	...	240
41	*Delivered to other irrigation organizations..... organizations delivering...*	52	...	...	...	44	39	29	...	...
42	*acre-feet...*	557,722	...	...	...	457,542	364,126	293,379	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	2.7	0.9	...	0.9	2.6	2.6	3.0	1.7	1.7
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	564	4	...	4	432	356	203	6	8
45	dollars...	38,346,259	2,300	...	2,300	36,175,666	35,736,541	33,356,503	258,709	112,178

[1] 3,590 acre-feet from D. B. No. III-E-1a, 8,909 acre-feet from D. B. No. III-D-3b.
[2] 4,595 acre-feet from D. B. No. III-D-3F, 2,700 acre-feet from D. B. No. III-E-1b.
[3] 26,700 acre-feet from D. B. No. III-D-3d, 22,181 acre-feet from D. B. No. III-D-3e.
[4] 40,200 acre-feet from D. B. No. III-D-3e, 4,545 acre-feet from D. B. No. III-D-3g.
[5] 9,900 acre-feet from D. B. No. III-D-3c, 14,015 acre-feet from D. B. No. III-D-3d.
[6] 24,757 acre-feet from D. B. No. III-D-3b, 40,065 acre-feet from D. B. No. IV-E-5a.
[7] 10,240 acre-feet from D. B. No. III-D-4b.
[8] 17,278 acre-feet from D. B. No. III-D-4d.
[9] 24,757 acre-feet to D. B. No. III-D-3f, 8,909 acre-feet to D. B. No. III-D-3a.
[10] 26,700 acre-feet to D. B. No. III-D-3c, 14,015 acre-feet to D. B. No. III-D-3e.
[11] 22,181 acre-feet to D. B. No. III-D-3c, 40,200 acre-feet to D. B. No. III-D-3d.
[12] 4,595 acre-feet to D. B. No. III-D-3b.
[13] 10,240 acre-feet to D. B. No. III-D-4a.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Bonneville Basin excluding Bear River (III-D)—Continued														
Great Salt Lake Basin excluding Bear River—Continued									Sevier River					
Southeast Great Salt Lake Basin										Sevier River direct				
			Jordan River											
Total	Great Salt Lake direct (3a)	Weber River above Gateway (3b)	Total	Jordan River direct (3c)	West Utah Lake area (3d)	Northeast Utah Lake area (3e)	Provo River above Vivian (3f)	S. E. Utah Lake area (3g)	Total	Total	Below Gunnison (4a)	Gunnison to Sevier (4b)	Above Sevier (4c)	
299,000	89,000	40,000	170,000	48,000	25,000	33,000	22,000	42,000	204,000	151,000	73,000	53,000	25,000	1
327,667	94,929	38,351	194,387	54,685	22,722	33,679	27,747	55,554	242,813	171,814	77,877	69,551	24,386	2
390	139	93	163	58	16	37	30	29	186	105	40	48	20	3
418	140	109	172	64	16	35	33	29	193	112	41	51	23	4
353,505	94,785	30,618	228,102	68,409	24,124	44,384	26,766	64,419	308,895	218,164	115,822	78,760	23,582	5
330,143	84,913	29,972	215,258	65,385	21,814	41,309	26,126	60,624	232,461	166,642	83,985	62,072	20,585	6
56,464	18,587	1,532	36,345	18,293	1,003	8,639	1,627	6,783	11,957	8,166	2,603	4,550	1,013	7
20,485	5,768	1,024	13,693	3,852	855	4,733	1,194	3,059	7,324	4,960	2,200	2,312	448	8
35,919	12,801	472	22,646	14,437	148	3,904	433	3,724	4,271	2,846	402	2,104	340	9
60	18	36	6	4	...	2	...	...	362	360	1	134	225	10
28,000	11,000	1,000	16,000	3,000	5,000	5,000	2,000	1,000	34,000	24,000	23,000	1,000	...	11
271,000	78,000	39,000	154,000	45,000	20,000	28,000	20,000	41,000	170,000	127,000	50,000	52,000	25,000	12
387	138	93	161	57	16	37	29	29	184	104	39	48	20	13
1,292,724	312,739	174,250	843,996	382,367	95,241	221,156	128,016	134,757	617,145	496,619	195,383	204,089	107,387	14
5	2	3	5	2	2	2	4	1	...	3	3	3	...	15
112,628	12,499	7,295	131,095	48,881	44,745	23,915	64,822	66,273	...	17,278	10,240	17,278	...	16
...	(1)	(2)	...	(3)	(4)	(5)	(6)	IV-E-5a	...	...	(7)	(8)	...	17
331	98	89	146	53	14	27	26	27	178	96	36	40	20	18
1,180,096	300,240	166,955	712,901	333,486	50,496	197,241	63,194	68,484	617,145	479,341	185,143	186,811	107,387	19
306	90	88	130	47	9	23	26	26	151	82	22	40	20	20
1,143,483	293,936	163,969	685,578	329,028	43,138	188,453	57,493	67,466	584,119	459,156	169,232	185,057	104,867	21
36	13	3	21	6	5	7	1	2	43	25	19	4	2	22
36,613	6,304	2,986	27,323	4,458	7,358	8,788	5,701	1,018	33,026	20,185	15,911	1,754	2,520	23
109	68	5	36	14	2	16	2	2	15	7	...	7	...	24
293,379	113,153	1,188	179,038	54,993	40,200	77,584	4,979	1,282	63,147	60,361	...	60,361	...	25
387	138	93	161	57	16	37	29	29	184	104	39	48	20	26
1,292,724	312,739	174,250	843,996	382,367	95,241	221,156	128,016	134,757	617,145	496,619	195,383	204,089	107,387	27
301	105	82	117	48	14	27	15	17	169	99	37	47	18	28
134,364	29,779	20,585	84,000	40,101	8,880	19,528	6,583	8,908	130,650	112,550	48,840	46,483	17,227	29
...	...	3	2	1	2	2	2	1	1	...	...	3	...	30
...	...	33,666	4,595	9,900	40,715	62,381	4,595	4,545	2,920	...	...	10,240	...	31
...	...	(9)	...	III-D-3e	(10)	(11)	(12)	III-D-3d	...	...	...	(13)	...	32
383	136	92	158	56	15	37	27	28	184	104	39	48	20	33
1,158,360	282,960	119,999	755,401	332,366	45,646	139,247	116,838	121,304	483,575	384,069	146,543	147,366	90,160	34
379	134	92	156	55	15	35	27	28	184	104	39	48	20	35
1,009,719	241,198	107,033	661,488	265,787	44,780	122,254	114,015	114,652	469,346	373,206	143,163	143,188	86,855	36
134	47	22	65	46	2	9	3	6	41	27	7	15	5	37
78,085	19,812	3,802	54,471	39,191	866	4,939	2,823	6,652	11,635	8,272	3,352	3,705	1,215	38
18	14	2	3	2	...	2	...	...	5	4	1	2	1	39
70,556	21,950	9,164	39,442	27,388	...	12,054	...	...	2,594	2,591	28	473	2,090	40
29	7	3	21	7	1	9	2	3	8	5	...	5	...	41
293,379	113,153	1,188	179,038	54,993	40,200	77,584	4,979	1,282	63,147	60,361	...	60,361	...	42
3.1	0.3	3.6	3.1	4.1	2.1	3.0	4.4	1.9	2.1	2.2	1.7	2.3	4.2	43
189	64	36	91	18	11	26	21	19	123	82	31	37	15	44
32,985,616	10,584,743	11,843,853	10,557,020	332,800	118,722	5,242,433	4,762,196	100,869	1,666,860	1,251,120	1,033,100	129,036	88,984	45

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	Bonneville Basin excluding Bear River (III-D)—Continued							Bear River (III-E)		
		Sevier River—Continued		Snake Valley	Escalante River and Shoal Creek	Beaver River	Little Salt Lake	Coal Creek	Total	Bear River direct	
		San Pitch River	East Fork							Total	Below Alexander, Idaho
		(4d)	(4e)	(5)	(6)	(7)	(8)	(9)			(10)
1	Total acres irrigated in Census year.....1959...	47,000	6,000	10,000	18,000	22,000	6,000	12,000	195,000	154,000	101,000
2	1949...	58,675	12,324	10,079	14,322	24,414	8,733	13,421	186,662	148,681	94,005
3	Irrigation organizations.....organizations 1959...	65	19	6	5	33	7	19	140	103	78
4	1949...	61	22	7	8	42	10	22	140	103	78
	Service area, 1959:										
5	Farm area reported served by organizations.....acres 1959...	81,131	9,600	7,287	6,520	20,066	10,058	7,815	206,748	168,661	111,029
6	Farm area reported irrigated by organizations.....acres 1959...	58,589	7,230	6,447	1,910	10,230	3,071	4,841	188,996	153,429	99,161
7	Water users served, total.....water users 1959...	3,496	295	31	86	591	633	1,200	9,699	5,021	4,508
8	Farm irrigation water users.....water users 1959...	2,170	194	31	86	558	232	212	6,707	3,966	3,534
9	Residential water users.....water users 1959...	1,324	101	...	...	33	401	988	2,986	1,054	973
10	Other water users.....water users 1959...	2	...	...	...	...	...	...	6	1	1
	LAND IRRIGATED BY SOURCE OF WATER, 1959										
11	Ground water sources.....acres...	10,000	...	4,000	17,000	12,000	6,000	9,000	19,000	12,000	9,000
12	Surface water sources.....acres...	37,000	6,000	6,000	1,000	10,000	...	3,000	176,000	142,000	92,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959										
13	Total entering conveyance systems in basin.....organizations...	65	18	6	5	33	7	19	140	103	78
14	acre-feet...	104,795	33,009	25,345	7,196	34,112	12,594	17,871	586,017	462,867	341,873
15	From another drainage basin.....organizations...	...	...	1	...	...	...	...	8	10	9
16	acre-feet...	...	...	15,330	...	...	...	...	72,830	84,220	77,860
17	From drainage basin number.....D. B. No....	...	...	IV-E-5c	...	...	...	...	...	...	(1)
18	From natural sources within basin...organizations...	65	17	5	5	32	7	19	97	60	35
19	acre-feet...	104,795	33,009	10,015	7,196	34,112	12,594	17,871	513,187	378,647	264,013
20	Surface water.....organizations...	52	17	3	2	31	6	7	79	52	27
21	acre-feet...	92,319	32,644	4,465	1,646	31,961	9,309	11,405	488,213	368,107	254,673
22	Ground water.....organizations...	17	1	3	3	3	1	12	23	11	10
23	acre-feet...	12,476	365	5,550	5,550	2,151	3,285	6,466	24,974	10,540	9,340
24	*From other organizations in the basin.....organizations receiving...*	7	1	...	...	2	...	...	39	37	37
25	*acre-feet...*	1,706	1,080	...	...	7,600	...	...	93,416	83,916	83,916
26	Total leaving conveyance systems.....organizations...	65	18	6	5	33	7	19	140	103	78
27	acre-feet...	104,795	33,009	25,345	7,196	34,112	12,594	17,871	586,017	462,867	341,873
28	Conveyance loss in basin.....organizations...	57	16	5	4	26	6	11	116	85	62
29	acre-feet...	14,446	3,654	1,468	581	3,375	1,007	1,020	85,620	62,807	55,565
30	Conveyed to another drainage basin..organizations...	3	1	...	...	...	...	...	5	5	2
31	acre-feet...	17,278	2,920	...	...	...	...	...	12,205	12,205	3,625
32	To drainage basin number.....D. B. No....	(5)	IV-D-1a	...	...	...	...	...	...	...	(6)
33	Delivered for use in the basin.....organizations...	65	18	6	5	32	7	19	138	102	78
34	acre-feet...	73,071	26,435	23,877	6,615	30,737	11,587	16,851	488,192	387,855	282,683
35	To farm irrigation water users...organizations...	65	18	6	5	32	7	19	138	102	78
36	acre-feet...	70,097	26,043	23,877	6,615	30,702	9,407	13,315	465,396	381,754	276,905
37	To residential water users.....organizations...	12	3	...	...	2	1	2	25	11	8
38	acre-feet...	2,971	392	...	...	35	1,450	3,536	17,596	3,541	3,218
39	For other use.....organizations...	1	...	...	...	...	1	...	5	1	1
40	acre-feet...	3	...	...	...	...	730	...	5,200	2,560	2,560
41	*Delivered to other irrigation organizations..... organizations delivering...*	2	1	...	...	2	...	...	5	4	4
42	*acre-feet...*	1,706	1,080	...	...	7,600	...	...	93,416	83,916	83,916
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	1.2	3.6	3.7	3.5	3.0	3.1	2.7	2.5	2.5	2.8
	NEW CAPITAL INVESTMENT, 1950-1959										
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	36	7	3	3	10	2	12	76	50	44
45	dollars...	278,033	137,707	101,000	328,185	133,100	21,418	129,475	439,125	298,721	212,871

D Data not shown to avoid disclosure of information for individual organizations. [1]63,690 acre-feet from D. B. No. IV-E-3, 1,980 acre-feet from D. B. No. IV-E-3, 12,190 acre-feet from D. B. No. III-E-3. [2]6,180 acre-feet from D. B. No. III-E-1c, 6,360 acre-feet from D. B. No. III-D-3c. [3]2,920 acre-feet from D. B. No. III-D-4e, 750 acre-feet from D. B. No. IV-D-2a. [4]7,570 acre-feet from D. B. No. IV-E-5a, 5,166 acre-feet from D. B. No. IV-E-7. [5]17,278 acre-feet to D. B. No. III-D-4b. [6]3,590 acre-feet to D. B. No. III-D-3a, 35 acre-feet to D. B. No. IV-E-3. [7]2,700 acre-feet to D. B. No. III-D-3b, 3,000 acre-feet to D. B. No. IV-E-4, 6,180 acre-feet to D. B. No. III-E-1b, 2,880 acre-feet to D. B. No. III-D-3c. [8]12,190 acre-feet to D. B. No. III-E-1a.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

Bear River (III-E)—Continued			Gulf of California	Colorado River below Lees Ferry, Arizona (IV-B)			Colorado River above Lees Ferry, Arizona excluding Green River (IV-D)				Green River (IV-E)			
Bear River direct—Continued				Total	Colorado River direct	Virgin River	Total	Colorado River direct	San Juan River direct and Dolores River	Fremont River	Total	Green River direct and Henrys Fork	San Rafael River	
Alexander to Woodruff, Utah and above Woodruff (1b, 1c)	Upper Malad River (2)	Little Bear River (3)			(1b)	(3a)		(1a)	(2a, 4a)	(3)		(1, 9)	(2)	
53,000	1,000	40,000	270,000	21,000	3,000	18,000	32,000	7,000	4,000	21,000	217,000	20,000	25,000	1
54,676	797	37,184	304,084	19,583	1,531	18,052	47,145	17,242	6,566	23,337	237,356	20,241	36,009	2
26	2	38	163	44	3	41	44	21	5	19	79	11	4	3
25	2	38	184	54	3	51	46	22	8	17	84	12	5	4
57,632	(D)	(D)	350,069	22,240	1,980	20,260	47,700	16,180	3,646	27,874	280,129	32,105	31,950	5
54,268	(D)	(D)	310,133	15,784	1,165	14,619	32,976	10,327	2,082	20,567	261,373	30,745	25,265	6
513	(D)	(D)	9,322	1,740	268	1,472	1,418	655	58	705	6,164	338	1,091	7
432	(D)	(D)	6,971	1,104	88	1,016	970	382	58	530	4,897	221	679	8
81	...	(D)	2,351	636	180	456	448	273	...	175	1,267	117	412	9
...	(D)	(D)	...	...	...	...	...	...	...	...	...	...	...	10
3,000	1,000	6,000	16,000	7,000	...	7,000	5,000	...	1,000	4,000	4,000	1,000	...	11
50,000	...	34,000	254,000	14,000	3,000	11,000	27,000	7,000	3,000	17,000	213,000	19,000	25,000	12
26	2	38	163	44	3	41	44	21	5	19	78	11	4	13
127,174	(D)	(D)	1,179,952	85,721	5,014	80,707	103,344	30,849	5,180	68,065	942,101	148,771	89,144	14
3	1	...	5	...	...	...	1	2	...	...	...	2	...	15
12,540	(D)	...	51,706	...	...	...	2,920	3,670	...	...	...	12,736	...	16
(2)	(D)	...	...	...	...	...	...	(3)	...	...	...	(4)	...	17
25	1	37	156	41	3	38	43	19	5	19	73	9	4	18
114,634	(D)	(D)	1,128,246	85,721	5,014	80,707	100,424	27,179	5,180	68,065	942,101	136,035	89,144	19
25	1	27	147	34	1	33	41	18	5	19	72	9	4	20
113,434	(D)	(D)	1,103,298	72,936	1,029	71,907	90,146	26,690	5,180	58,276	940,216	136,035	89,144	21
1	...	12	16	10	2	8	5	2	...	3	1	...	...	22
1,200	...	(D)	24,948	12,785	3,985	8,800	10,278	489	...	9,789	1,885	...	...	23
...	...	2	14	4	...	4	1	...	...	1	9	...	...	24
...	...	(D)	100,180	8,895	...	8,895	206	...	...	206	91,079	...	...	25
26	2	38	163	44	3	41	44	21	5	19	78	11	4	26
127,174	(D)	(D)	1,179,952	85,721	5,014	80,707	103,344	30,849	5,180	68,065	942,101	148,771	89,144	27
24	2	30	139	33	2	31	41	18	5	19	68	10	4	28
7,242	(D)	(D)	103,045	3,969	283	3,686	19,107	4,001	883	14,223	79,969	10,582	11,541	29
3	...	3	9	...	...	...	...	...	1	...	5	2	1	30
14,760	...	(D)	162,564	...	...	...	...	...	750	...	113,778	7,440	32,599	31
(7)	...	(8)	...	...	...	...	...	...	IV-D-1a	...	...	...	IV-E-3	32
24	2	37	160	44	3	41	44	21	5	19	75	10	4	33
105,172	(D)	(D)	914,343	81,752	4,731	77,021	84,237	26,848	3,547	53,842	748,354	130,749	45,004	34
24	2	37	160	44	3	41	44	21	5	19	74	10	4	35
104,849	(D)	(D)	895,579	75,286	3,365	71,921	81,173	25,272	3,547	52,354	739,120	126,837	43,237	36
3	...	15	34	12	2	10	8	4	...	4	15	2	3	37
323	...	(D)	18,764	6,466	1,366	5,100	3,064	1,576	...	1,488	9,234	3,912	1,767	38
...	1	3	...	...	...	...	...	...	...	...	...	...	...	39
...	(D)	(D)	...	...	...	...	...	...	...	...	...	...	...	40
...	...	1	11	2	...	2	1	...	...	1	6	...	...	41
...	...	(D)	100,180	8,895	...	8,895	206	...	...	206	91,079	...	...	42
1.9	(D)	(D)	2.9	4.8	2.9	4.9	2.5	2.4	1.7	2.5	2.8	4.1	1.7	43
6	1	27	128	33	2	31	31	14	4	14	68	10	3	44
85,850	(D)	(D)	2,168,293	455,794	15,200	440,594	571,386	276,194	76,970	218,222	1,141,113	209,390	111,546	45

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Green River (IV-E)—Continued							
				Duchesne River					
		Price River	White River	Total	Duchesne River direct	Uintah River	Lake Fork	Ashley Creek and Brush Creek	Blacks Fork
		(3)	(4)		(5a)	(5b)	(5c)	(6, 7)	(10a)
1	Total acres irrigated in Census year.....1959...	15,000	...	139,000	38,000	68,000	33,000	18,000	...
2	1949...	16,973	...	137,742	32,627	73,129	31,986	26,391	...
3	Irrigation organizations.....organizations 1959...	12	...	42	30	15	8	14	...
4	1949...	12	...	42	28	16	8	16	...
	Service area, 1959:								
5	Farm area reported served by organizations.....acres 1959...	32,761	...	158,137	41,468	86,986	29,683	25,176	...
6	Farm area reported irrigated by organizations.....acres 1959...	31,203	...	154,684	39,949	86,238	28,497	19,476	...
7	Water users served, total.....water users 1959...	1,523	...	1,928	506	1,135	287	1,284	...
8	Farm irrigation water users.....water users 1959...	1,066	...	1,820	473	1,063	284	1,111	...
9	Residential water users.....water users 1959...	457	...	108	33	72	3	173	...
10	Other water users.....water users 1959...	...	...	...	...	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959								
11	Ground water sources.....acres...	...	...	2,000	...	1,000	1,000	1,000	...
12	Surface water sources.....acres...	15,000	...	137,000	38,000	67,000	32,000	17,000	...
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
13	Total entering conveyance systems in basin.....organizations...	12	...	42	30	15	8	14	...
14	acre-feet...	81,505	...	599,959	294,322	282,929	125,663	71,508	...
15	From another drainage basin.....organizations...	1	...	...	7	3	...	1	...
16	acre-feet...	32,599	...	...	75,310	27,645	...	3,451	...
17	From drainage basin number.....D. B. No....	(1)	...	...	(2)	(3)	...	IV-E-7	...
18	From natural sources within basin...organizations...	10	...	39	22	13	8	13	...
19	acre-feet...	48,906	...	599,959	219,012	255,284	125,663	68,057	...
20	Surface water.....organizations...	10	...	38	21	13	8	13	...
21	acre-feet...	48,906	...	598,074	217,127	255,284	125,663	68,057	...
22	Ground water.....organizations...	...	...	1	1	...	...	...	...
23	acre-feet...	...	...	1,885	1,885	...	...	...	...
24	*From other organizations in the basin.....organizations receiving...*	1	...	7	4	3	1	1	...
25	*acre-feet...*	8,732	...	80,603	69,475	10,216	912	1,744	...
26	Total leaving conveyance systems.....organizations...	12	...	42	30	15	8	14	...
27	acre-feet...	81,505	...	599,959	294,322	282,929	125,663	71,508	...
28	Conveyance loss in basin.....organizations...	12	...	31	22	10	3	14	...
29	acre-feet...	20,538	...	26,513	16,155	7,970	2,388	10,795	...
30	Conveyed to another drainage basin..organizations...	...	...	4	4	3	7	2	...
31	acre-feet...	...	...	113,908	113,908	46,263	56,692	8,617	...
32	To drainage basin number.....D. B. No....	...	...	...	(4)	(5)	(6)	(7)	...
33	Delivered for use in the basin.....organizations...	12	...	38	25	14	6	12	...
34	acre-feet...	60,967	...	459,538	164,259	228,696	66,583	52,096	...
35	To farm irrigation water users...organizations...	12	...	38	25	14	6	12	...
36	acre-feet...	58,067	...	459,227	164,168	228,501	66,558	51,752	...
37	To residential water users.....organizations...	4	...	4	2	3	1	2	...
38	acre-feet...	2,900	...	311	91	195	25	344	...
39	For other use.....organizations...	...	...	...	...	...	...	...	...
40	acre-feet...	...	...	...	...	...	...	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	1	...	6	3	2	1	1	...
42	*acre-feet...*	8,732	...	80,603	69,475	10,216	912	1,744	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	1.9	...	3.0	4.1	2.6	2.3	2.7	...
	NEW CAPITAL INVESTMENT, 1950-1959								
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	10	...	35	24	12	5	14	...
45	dollars...	59,545	...	633,032	334,695	202,097	96,240	127,600	...

[1] 32,599 acre-feet from D. B. No. IV-E-2. [2] 29,047 acre-feet from D. B. No. IV-E-5c, 46,263 acre-feet from D. B. No. IV-E-5b. [3] 27,645 acre-feet from D. B. No. IV-E-5c. [4] 40,065 acre-feet to D. B. No. III-D-3f, 7,570 acre-feet to D. B. No. IV-E-1, 66,273 acre-feet to D. B. No. III-D-3g. [5] 46,263 acre-feet to D. B. No. IV-E-5a. [6] 27,645 acre-feet to D. B. No. IV-E-5b, 29,047 acre-feet to D. B. No. IV-E-5a. [7] 3,451 acre-feet to D. B. No. IV-E-6, 5,166 acre-feet to D. B. No. IV-E-1.

State Table 2.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	Utah, total	Great Salt Lake Basin excluding Bear River (III-D 1-3)	Sevier River, Snake Valley, Escalante River and Shoal Creek, Beaver River, Little Salt Lake, and Coal Creek (III-D 4-9)	Bear River (III-E)	Colorado River above and below Lees Ferry excluding Gila, Green, and Gunnison Rivers (IV-B and IV-D)	Green River (IV-E)
1	Irrigation organizations, total number.....organizations 1959...	984	420	256	140	88	79
2	1949...	1,058	450	282	140	100	84
3	Area irrigated as reported by organizations.....acres 1959...	1,109,620	347,251	258,960	188,996	48,760	261,373
4	1949...	1,083,250	343,757	291,260	173,962	50,944	218,942
5	Farm water users served directly....water users 1959...	43,001	20,829	8,443	6,707	2,074	4,897
6	Total water conveyed.....acre-feet 1959...	4,205,811	1,620,542	785,010	679,433	198,166	1,033,180
	TYPE OF ORGANIZATION						
	Mutual:						
7	Unincorporated.....organizations 1959...	316	113	95	47	36	21
8	1949...	406	167	117	51	37	29
9	Farm area irrigated directly.....acres 1959...	77,985	19,541	22,788	22,972	5,738	6,376
10	Farm water users served directly.....water users 1959...	2,442	964	619	517	220	103
11	Total water conveyed.....acre-feet 1959...	262,193	74,982	77,876	60,962	21,636	25,161
12	Incorporated.....organizations 1959...	651	294	160	91	51	57
13	1949...	634	275	163	88	58	52
14	Farm area irrigated directly.....acres 1959...	912,058	310,380	231,972	(D)	(D)	192,692
15	Farm water users served directly.....water users 1959...	36,345	17,383	7,759	(D)	(D)	4,076
16	Total water conveyed.....acre-feet 1959...	3,296,892	1,407,060	702,514	(D)	(D)	739,578
17	District.....organizations 1959...	8	6	1	1	...	...
18	1949...	5	3	...	...	...	2
19	Farm area irrigated directly.....acres 1959...	20,167	12,467	(D)	(D)	...	...
20	Farm water users served directly.....water users 1959...	1,984	1,759	(D)	(D)	...	...
21	Total water conveyed.....acre-feet 1959...	75,753	63,233	(D)	(D)	...	...
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau...organizations 1959...	1	1	...	...	...	...
23	1949...	1	1	...	...	...	...
24	Farm area irrigated directly.....acres 1959...	1,030	1,030	...	...	...	...
25	Farm water users served directly.....water users 1959...	47	47	...	...	...	...
26	Total water conveyed.....acre-feet 1959...	29,414	29,414	...	...	...	...
27	*U. S. Bureau of Reclamation; operated by water users .....organizations 1959...*	13	8	2	2	...	3
28	*1949...*	10	NA	NA	NA	NA	NA
29	Farm area irrigated directly.....acres 1959...	36,279	25,167	(D)	(D)	...	...
30	Farm water users served directly.....water users 1959...	1,603	1,204	(D)	(D)	...	...
31	Total water conveyed.....acre-feet 1959...	275,113	228,246	(D)	(D)	...	125,896
32	U. S. Bureau of Indian Affairs....organizations 1959...	2	1	...	...	...	1
33	1949...	3	...	...	...	2	1
34	Farm area irrigated directly.....acres 1959...	62,528	223	...	...	...	62,305
35	Farm water users served directly.....water users 1959...	726	8	...	...	...	718
36	Total water conveyed.....acre-feet 1959...	269,110	669	...	...	...	268,441
37	Commercial.....organizations 1959...	1	1	...	1	...	...
38	1949...	2	1	...	1	1	...
39	Farm area irrigated directly.....acres 1959...	(D)	(D)	...	(D)	...	...
40	Farm water users served directly.....water users 1959...	(D)	(D)	...	(D)	...	...
41	Total water conveyed.....acre-feet 1959...	(D)	(D)	...	(D)	...	...
42	State.....organizations 1959...	...	...	...	...	...	...
43	1949...	...	...	...	...	...	...
44	Farm area irrigated directly.....acres 1959...	...	...	...	...	...	
45	Farm water users served directly.....water users 1959...	...	...	...	...	...	...
46	Total water conveyed.....acre-feet 1959...	...	...	...	...	...	...
47	City.....organizations 1959...	5	4	...	...	1	...
48	1949...	7	3	2	...	2	...
49	Farm area irrigated directly.....acres 1959...	(D)	(D)	...	...	(D)	...
50	Farm water users served directly.....water users 1959...	(D)	(D)	...	...	(D)	...
51	Total water conveyed.....acre-feet 1959...	(D)	(D)	...	...	(D)	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Utah, total	Great Salt Lake Basin excluding Bear River (III-D 1-3)	Sevier River, Snake Valley, Escalante River and Shoal Creek, Beaver River, Little Salt Lake, and Coal Creek (III-D 4-9)	Bear River (III-E)	Colorado River above and below Lees Ferry excluding Gila, Green, and Gunnison Rivers (IV-B and IV-D)	Green River (IV-E)
	TYPE OF SERVICE, 1959						
1	All water directly from surface and ground water sources.....organizations...	796	307	237	98	83	69
2	Total water conveyed.....acre-feet...	3,073,998	1,114,777	703,816	576,827	187,015	602,083
3	Water delivered.....acre-feet...	2,640,664	974,401	577,430	494,268	164,347	426,552
4	To farm and residential users only.....organizations...	757	289	228	93	80	63
5	acre-feet...	1,790,347	618,135	462,899	220,881	116,008	368,758
6	To farm and residential users and other irrigation organizations.....organizations...	33	16	8	4	3	3
7	Water to farm and residential users.....acre-feet...	424,341	137,431	45,708	179,971	39,238	21,993
8	Water to other irrigation organizations.....acre-feet...	276,298	102,680	68,723	83,916	9,101	11,878
9	To other irrigation organizations only.....organizations...	5	2	1	1	...	2
10	acre-feet...	149,678	116,155	100	9,500	...	23,923
11	Part of water from other organizations.....organizations...	75	55	10	4	2	4
12	Total water conveyed.....acre-feet ..	768,366	380,217	12,653	11,830	3,881	359,785
13	From surface and ground water sources.....acre-feet...	573,031	212,386	10,447	8,130	2,050	340,018
14	From other irrigation organizations.....acre-feet...	195,335	167,831	2,206	3,700	1,831	19,767
15	Water delivered.....acre-feet...	694,328	318,873	10,591	9,006	3,473	352,385
16	To farm and residential users only.....organizations...	65	46	10	4	2	3
17	acre-feet...	268,719	161,705	10,591	9,006	3,473	83,944
18	To farm and residential users and other irrigation organizations.....organizations...	9	8	...	...	...	1
19	Water to farm and residential users.....acre-feet...	302,047	88,884	...	...	...	213,163
20	Water to other irrigation organizations.....acre-feet...	106,374	51,096	...	...	...	55,278
21	To other irrigation organizations only.....organizations...	1	1	...	...	...	...
22	acre-feet...	17,188	17,188	...	...	...	...
23	All of water from other organizations.....organizations...	107	54	7	38	3	5
24	Total water conveyed.....acre-feet...	363,447	125,548	68,541	90,776	7,270	71,312
25	Water delivered.....acre-feet...	311,423	117,879	52,644	73,134	7,270	60,496
26	To farm and residential users only.....organizations...	103	51	6	38	3	5
27	acre-feet...	300,033	109,108	50,025	73,134	7,270	60,496
28	To farm and residential users and other irrigation organizations.....organizations...	2	1	1	...	...	...
29	Water to farm residential users.....acre-feet...	3,206	2,511	695	...	...	...
30	Water to other irrigation organizations.....acre-feet...	2,632	708	1,924	...	...	...
31	To other irrigation organizations only.....organizations...	2	2	...	...	...	...
32	acre-feet...	5,552	5,552	...	...	...	...
33	No water conveyed.....organizations...	6	4	2	...	...	1
	WATER FROM OTHER SOURCES						
34	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	843	362	197	133	86	63
35	acres served...	1,033,131	364,686	265,823	213,497	68,410	157,361
36	acres irrigated..,	883,664	338,635	199,666	195,992	48,260	138,487
37	Water delivered to farms.....acre-feet...	2,425,877	1,092,765	451,067	476,252	154,994	408,124
38	acre-feet per acre...	2.7	3.2	2.3	2.4	3.2	2.9
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	123	46	56	6	2	12
40	acres served...	294,360	50,074	96,158	15,846	1,590	130,412
41	acres irrigated...	251,055	45,991	60,144	15,024	560	129,196
42	Water delivered to farms.....acre-feet...	555,982	87,264	104,555	20,420	1,625	341,880
43	acre-feet per acre...	2.2	1.9	1.7	1.4	2.9	2.6

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Utah, total	Great Salt Lake Basin excluding Bear River (III-D 1-3)	Sevier River, Snake Valley, Escalante River and Shoal Creek, Beaver River, Little Salt Lake, and Coal Creek (III-D 4-9)	Bear River (III-E)	Colorado River above and below Lees Ferry excluding Gila, Green, and Gunnison Rivers (IV-B and IV-D)	Green River (IV-E)
	WATER DELIVERED PER ACRE						
	Organizations reporting NO water from other sources used on same land:						
1	0.1 to 0.9 acre-feet per acre.....organizations...	53	13	22	10	5	2
2	acres irrigated...	68,354	10,391	22,167	22,626	6,635	3,535
3	1.0 to 1.9 acre-feet per acre.....organizations...	162	50	54	31	8	17
4	acres irrigated...	242,583	45,155	81,829	36,917	4,437	73,585
5	2.0 to 2.9 acre-feet per acre.....organizations...	219	96	47	42	20	14
6	acres irrigated...	252,966	108,434	44,513	72,828	9,077	20,538
7	3.0 to 3.9 acre-feet per acre.....organizations...	188	78	42	36	24	8
8	acres irrigated...	130,228	52,841	32,185	26,581	19,001	4,800
9	4.0 to 4.9 acre-feet per acre.....organizations...	101	54	19	8	15	6
10	acres irrigated...	103,395	82,456	11,604	35,148	3,966	3,653
11	5.0 to 5.9 acre-feet per acre.....organizations...	44	27	4	3	5	5
12	acres irrigated...	22,837	13,757	2,117	890	775	5,298
13	6.0 to 6.9 acre-feet per acre.....organizations...	42	25	4	1	3	9
14	acres irrigated...	42,565	14,479	1,630	212	398	25,846
15	7.0 to 7.9 acre-feet per acre.....organizations...	16	6	2	2	4	2
16	acres irrigated...	4,495	837	430	790	1,206	1,232
17	8.0 to 9.9 acre-feet per acre.....organizations...	13	8	3	...	2	...
18	acres irrigated...	14,947	8,991	3,191	...	2,765	...
19	10.0 or more acre-feet per acre.....organizations...	5	5	...	...	...	...
20	acres irrigated...	1,294	1,294	...	...	...	...
	SIZE OF ORGANIZATION						
	Size of organization (number of farm irrigation water users served directly):						
21	None.....organizations...	17	11	3	1	...	4
22	1 to 3.....organizations...	134	55	40	10	16	10
23	water users...	330	130	101	25	40	26
24	4 to 9.....organizations...	264	110	77	27	26	21
25	water users...	1,593	643	476	168	165	124
26	10 to 29.....organizations...	286	117	66	62	23	19
27	water users...	4,804	1,936	1,140	1,029	391	327
28	30 to 99.....organizations...	178	72	49	24	20	14
29	water users...	9,373	3,657	2,660	1,210	1,053	792
30	100 to 299.....organizations...	74	38	18	10	3	5
31	water users...	12,558	6,716	2,951	1,552	426	913
32	300 to 999.....organizations...	31	17	3	6	...	6
33	water users...	14,682	9,249	1,149	3,062	...	2,806
34	1,000 or more.....organizations...	...	...	...	...	...	...
35	water users...	...	...	...	...	...	...
	Size of organization (acre-feet of water delivered directly to farms):						
36	None.....organizations...	17	11	3	1	...	4
37	1 to 299 acre-feet.....organizations...	204	92	64	19	20	6
38	acre-feet...	29,845	13,564	8,651	3,160	2,907	1,013
39	300 to 999 acre-feet.....organizations...	292	131	79	37	28	14
40	acre-feet...	170,933	75,379	43,162	25,641	16,418	8,417
41	1,000 to 2,999 acre-feet.....organizations...	266	102	65	46	33	20
42	acre-feet...	464,367	176,033	117,814	77,235	54,987	39,618
43	3,000 to 9,999 acre-feet.....organizations...	150	61	34	30	5	21
44	acre-feet...	794,121	328,680	181,661	139,778	35,701	112,485
45	10,000 to 29,999 acre-feet.....organizations...	42	17	10	5	2	9
46	acre-feet...	676,074	262,865	172,870	82,651	46,606	127,582
47	30,000 to 99,999 acre-feet.....organizations...	11	5	1	1	...	4
48	acre-feet...	504,174	194,206	31,464	137,549	...	247,846
49	100,000 or more acre-feet.....organizations...	2	1	...	1	...	1
50	acre-feet...	350,592	137,549	...	30,658	...	213,043
	Size of organization (acre-feet of water conveyed):						
51	None.....organizations...	6	4	2	...	...	1
52	1 to 299 acre-feet.....organizations...	159	65	55	14	19	5
53	acre-feet...	24,759	10,051	7,721	2,290	3,526	1,105
54	300 to 999 acre-feet.....organizations...	277	126	76	31	26	14
55	acre-feet...	165,271	73,905	42,662	21,015	16,770	8,977
56	1,000 to 2,999 acre-feet.....organizations...	280	117	63	49	30	19
57	acre-feet...	503,339	207,340	113,654	86,825	52,932	39,568
58	3,000 to 9,999 acre-feet.....organizations...	183	75	42	37	9	22
59	acre-feet...	976,565	411,965	212,014	194,253	39,600	125,273
60	10,000 to 29,999 acre-feet.....organizations...	55	21	14	6	3	12
61	acre-feet...	891,891	333,973	229,128	92,550	52,331	202,509
62	30,000 to 99,999 acre-feet.....organizations...	22	11	4	2	1	5
63	acre-feet...	1,177,470	596,157	179,831	82,096	34,052	374,434
64	100,000 or more acre-feet.....organizations...	2	1	...	1	...	1
65	acre-feet...	498,441	230,000	...	230,000	...	268,441

State Table 3.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Utah, total	Bear River (III-E)	Green River (IV-E)	Colorado River excluding Gila, Green, and Gunnison Rivers (IV-B and IV-D)	Great Salt Lake Basin excluding Bear River (III-D 1-3)	Sevier River direct, Snake Valley, Escalante River and Shoal Creek, Beaver River, Little Salt Lake, and Coal Creek (III-D 4-9)
1	Total acres irrigated.....farms reporting...	15,701	2,449	2,245	1,044	6,728	3,189
2	acres...	1,061,683	194,920	216,586	52,976	320,156	272,045
3	Acres irrigated by sprinklers.....farms reporting...	409	194	12	11	167	25
4	acres...	18,421	9,636	544	298	6,131	1,812
5	Sprinklers only.....farms reporting...	118	39	3	2	65	9
6	acres...	6,438	2,682	31	14	2,865	846
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959						
7	Ground water sources on farm.....farms reporting...	1,667	140	43	119	678	676
8	acres...	113,417	9,730	3,072	7,775	28,897	62,993
9	Ground water sources on farm only.farms reporting...	689	33	10	51	273	319
10	acres...	61,165	3,478	685	3,138	14,786	38,841
11	Surface sources on farm.....farms reporting...	1,145	218	164	131	428	189
12	acres...	88,502	17,775	15,330	8,741	25,768	19,007
13	Surface sources on farm only.....farms reporting...	519	74	81	94	178	81
14	acres...	50,387	7,048	10,440	5,855	15,713	10,339
15	Irrigation organization sources.....farms reporting...	14,428	2,329	2,152	892	6,242	2,784
16	acres...	859,764	167,415	198,184	36,460	265,491	190,045
17	Irrigation organization sources only.....farms reporting...	13,038	2,118	2,042	802	5,687	2,367
18	acres...	760,042	142,392	187,571	32,289	236,738	159,369
19	Both farm ground water sources and surface sources.....farms reporting...	64	13	2	7	35	5
20	acres...	8,519	1,331	364	1,574	3,474	443
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	1,391	211	110	90	555	417
22	acres...	181,570	40,671	17,526	10,120	49,445	63,053

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	Utah, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	984	316	651	8	1	13	8
1949...	1,058	406	634	5	1	10	12
Service area, 1959:							
Area served, as reported by organizations.....acres...	1,300,483	98,017	1,080,017	23,031	1,030	41,082	98,388
Area irrigated, as reported by organizations.....acres...	1,109,620	77,985	912,058	20,167	1,030	36,279	98,380
Water users served, 1959, total.....water users...	90,952	5,033	70,614	9,253	47	2,997	6,005
Farm irrigation water users.....water users...	43,001	2,442	36,345	1,984	47	1,603	2,183
Residential water users.....water users...	47,519	2,589	33,844	7,265	...	1,387	3,821
Other water users.....water users...	432	2	425	4	...	7	1
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	796	267	520	2	1	10	6
Total water conveyed.....acre-feet...	3,073,998	201,833	2,582,784	5,039	29,414	249,325	254,928
Water delivered.....acre-feet...	2,640,664	176,404	2,220,235	4,551	10,532	213,645	228,942
To farm and residential users only.....organizations...	757	267	485	2	...	6	3
acre-feet...	1,790,347	176,404	1,602,711	4,551	...	64,067	6,681
To farm and residential users and other irrigation organizations.....organizations...	33	...	29	...	1	...	3
Water to farm and residential users.....acre-feet...	424,341	...	274,559	...	3,089	...	146,693
Water to other irrigation organizations.....acre-feet...	276,298	...	193,287	...	7,443	...	75,568
To other irrigation organizations only.....organizations...	5	...	5	...	...	4	...
acre-feet...	149,678	...	149,678	...	...	149,578	...
Part of water from other organizations.....organizations...	75	10	61	2	...	1	2
Total water conveyed.....acre-feet...	768,366	10,420	427,995	43,320	...	25,788	286,631
From surface and ground water sources.....acre-feet...	573,031	7,402	277,619	17,303	...	871	270,707
From other irrigation organizations.....acre-feet...	195,335	3,018	150,376	26,017	...	24,917	15,924
Water delivered.....acre-feet...	694,328	8,563	382,391	17,745	...	1,966	285,629
To farm and residential users only.....organizations...	65	10	54	1	...	...	...
acre-feet...	268,719	8,563	244,377	15,779	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	9	...	7	1	...	1	1
Water to farm and residential users.....acre-feet...	302,047	...	88,390	494	...	494	213,163
Water to other irrigation organizations.....acre-feet...	106,374	...	49,624	1,472	...	1,472	55,278
To other irrigation organizations only.....organizations...	1	...	...	...	...	...	1
acre-feet...	17,188	...	...	...	...	...	17,188
All of water from other organizations.....organizations...	107	38	65	4	...	...	...
Total water conveyed.....acre-feet...	363,447	49,940	286,113	27,394	...	...	...
Water delivered.....acre-feet...	311,423	41,696	246,492	23,235	...	...	...
To farm and residential users only.....organizations...	103	37	62	4	...	...	...
acre-feet...	300,033	40,323	236,475	23,235	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	2	...	2	...	...	...	...
Water to farm and residential users.....acre-feet...	3,206	...	3,206	...	...	...	...
Water to other irrigation organizations.....acre-feet...	2,632	...	2,632	...	...	...	...
To other irrigation organizations only.....organizations...	2	1	1	...	...	...	...
acre-feet...	5,552	1,373	4,179	...	...	...	...
No water conveyed.....organizations...	6	1	5	...	...	2	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	843	273	558	7	...	7	5
acres served...	1,033,131	83,025	895,769	18,031	...	41,082	36,306
acres irrigated...	883,664	66,076	766,123	15,167	...	36,279	36,298
water delivered to farms (acre-feet)...	2,425,877	187,929	2,058,114	32,148	...	60,825	147,686
acre-feet per acre...	2.7	2.8	2.7	2.1	...	1.7	4.1
Organizations reporting water from other sources used on land served by the organization.....organizations...	123	41	79	1	1	...	1
acres served...	294,360	15,432	210,593	5,000	1,030	...	62,305
acres irrigated...	251,055	12,334	170,386	5,000	1,030	...	62,305
water delivered to farms (acre-feet)...	555,982	27,438	308,545	3,867	3,089	...	213,043
acre-feet per acre...	2.2	2.2	1.8	0.8	3.0	...	3.4
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	564	141	409	7	1	10	6
By U. S. B. R.....dollars...	30,555,996	...	12,355,996	...	18,200,000	12,355,996	...
By water users organizations.....dollars...	7,790,263	648,186	6,497,794	415,383	...	241,425	228,900

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Utah, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated*	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	978	315	646	8	1	11	8
acre-feet...	3,648,089	210,035	2,860,663	22,342	29,414	250,196	525,635
From another drainage basin.....organizations...	11	1	9	...	...	...	1
acre-feet...	91,394	800	89,925	...	...	...	669
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	863	277	574	4	1	11	7
acre-feet...	3,556,695	209,235	2,770,738	22,342	29,414	250,196	524,966
Surface water.....organizations...	754	217	526	3	1	11	7
acre-feet...	3,401,225	162,180	2,664,948	21,471	28,200	249,325	524,426
Ground water.....organizations...	152	67	82	1	1	1	1
acre-feet...	155,470	47,055	105,790	871	1,214	871	540
From other organizations in the basin.....organizations receiving...	179	47	124	6	...	1	2
acre-feet...	557,722	52,158	436,229	53,411	...	24,917	15,924
Total leaving conveyance systems.....organizations...	978	315	646	8	1	11	8
acre-feet...	3,648,089	260,820	2,897,492	74,281	21,971	124,063	393,525
Conveyance loss in basin.....organizations...	808	249	546	6	1	8	6
acre-feet...	466,721	35,228	398,832	5,200	3,033	12,960	24,428
Conveyed to another drainage basin.....organizations...	5	...	5	...	...	...	...
acre-feet...	13,355	...	13,355	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	970	314	640	8	1	9	7
acre-feet...	3,168,013	225,592	2,485,305	69,081	18,938	111,103	369,097
To farm irrigation water users.....organizations...	965	314	636	8	1	6	6
acre-feet...	2,956,192	214,492	2,342,369	36,015	3,089	60,825	360,227
To domestic water users.....organizations...	245	21	214	4	...	5	6
acre-feet...	132,501	10,798	107,349	8,044	...	3,736	6,310
For other use.....organizations...	30	1	25	2	1	3	1
acre-feet...	79,320	302	35,587	25,022	15,849	46,542	2,560
Delivered to other irrigation organizations.....organizations delivering...	52	1	44	1	1	5	5
acre-feet...	557,722	1,373	399,400	1,472	7,443	151,050	148,034
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	19	3	14	...	...	6	2
1 to 3 water users.....organizations...	134	106	28	...	...	...	...
4 to 9 water users.....organizations...	264	146	117	1	...	...	...
10 to 29 water users.....organizations...	284	51	230	1	...	1	2
30 to 99 water users.....organizations...	178	9	166	2	1	1	...
100 to 299 water users.....organizations...	74	1	72	1	...	3	...
300 to 999 water users.....organizations...	31	...	24	3	...	2	4
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	17	2	13	...	...	6	2
1 to 299 acre-feet.....organizations...	204	119	84	...	...	...	1
300 to 999 acre-feet.....organizations...	292	130	158	3	...	2	1
1,000 to 2,999 acre-feet.....organizations...	266	57	208	...	...	1	1
3,000 to 9,999 acre-feet.....organizations...	150	8	136	4	1	2	1
10,000 to 29,999 acre-feet.....organizations...	42	...	41	1	...	1	...
30,000 to 99,999 acre-feet.....organizations...	11	...	11	...	...	1	...
100,000 or more acre-feet.....organizations...	2	...	...	...	...	...	2
Size of organization (acre-feet of water conveyed):							
None.....organizations...	6	1	5	...	...	2	...
1 to 299 acre-feet.....organizations...	159	95	64	...	...	...	...
300 to 999 acre-feet.....organizations...	277	141	134	1	...	1	1
1,000 to 2,999 acre-feet.....organizations...	280	65	214	...	...	1	1
3,000 to 9,999 acre-feet.....organizations...	183	14	162	5	...	2	2
10,000 to 29,999 acre-feet.....organizations...	55	...	50	2	1	4	2
30,000 to 99,999 acre-feet.....organizations...	22	...	22	...	...	3	...
100,000 or more acre-feet.....organizations...	2	...	...	...	...	...	2

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Bonneville Basin (excluding Bear River), Sevier River direct, Snake Valley, Escalante River and Shoal Creek, Beaver River, Little Salt Lake, and Coal Creek (III-D 4-9)

Item (For definitions and explanations, see text)	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	256	95	160	1	...	2	....
1949...	282	117	163	...	...	NA	2
Service area, 1959:							
Area served, as reported by organizations.....acres...	360,641	31,774	324,667	(D)	...	(D)	...
Area irrigated, as reported by organizations.....acres...	258,960	22,788	231,972	(D)	...	(D)	...
Water users served, 1959, total.....water users...	14,498	2,310	12,123	(D)	...	(D)	...
Farm irrigation water users.....water users...	8,443	619	7,759	(D)	...	(D)	...
Residential water users.....water users...	5,693	1,690	4,003	...	...	(D)	...
Other water users.....water users...	362	1	361	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	237	87	149	1	...	2	...
Total water conveyed.....acre-feet...	703,816	69,296	629,900	(D)	...	(D)	...
Water delivered.....acre-feet...	577,430	61,177	512,095	(D)	...	(D)	...
To farm and residential users only.....organizations...	228	87	140	1	...	1	...
acre-feet...	462,899	61,177	397,564	(D)	...	(D)	...
To farm and residential users and other irrigation organizations.....organizations...	8	...	8	...	...	...	...
Water to farm and residential users.....acre-feet...	45,708	...	45,708	...	...	...	...
Water to other irrigation organizations.....acre-feet...	68,723	...	68,723	...	...	...	...
To other irrigation organizations only.....organizations...	1	...	1	...	...	...	...
acre-feet...	100	...	100	...	...	...	...
Part of water from other organizations.....organizations...	10	7	3	...	...	...	...
Total water conveyed.....acre-feet...	12,653	7,500	5,153	...	...	...	...
From surface and ground water sources.....acre-feet...	10,447	5,682	4,765	...	...	...	...
From other irrigation organizations.....acre-feet...	2,206	1,818	388	...	...	...	...
Water delivered.....acre-feet...	10,591	6,180	4,411	...	...	...	...
To farm and residential users only.....organizations...	10	7	3	...	...	...	...
acre-feet...	10,591	6,180	4,411	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	7	1	6	...	...	...	...
Total water conveyed.....acre-feet...	68,541	1,080	67,461	...	...	...	...
Water delivered.....acre-feet...	52,644	1,026	51,618	...	...	...	...
To farm and residential users only.....organizations...	6	1	5	...	...	...	...
acre-feet...	50,025	1,026	48,999	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	1	...	1	...	...	...	...
Water to farm and residential users.....acre-feet...	695	...	695	...	...	...	...
Water to other irrigation organizations.....acre-feet...	1,924	...	1,924	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	2	...	2	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	197	68	128	1	...	2	...
acres served...	265,823	22,456	239,167	(D)	...	(D)	...
acres irrigated...	199,666	15,726	179,740	(D)	...	(D)	...
water delivered to farms (acre-feet)...	451,067	47,069	399,840	(D)	...	(D)	...
acre-feet per acre...	2.3	3.0	2.2	(D)	...	(D)	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	56	27	29	...	...	...	...
acres served...	96,158	9,318	86,840	...	...	...	...
acres irrigated...	60,144	7,062	53,082	...	...	...	...
water delivered to farms (acre-feet)...	104,555	14,901	89,654	...	...	...	...
acre-feet per acre...	1.7	2.1	1.7	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	153	45	107	1	...	1	...
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	2,380,038	300,673	2,078,715	(D)	...	(D)	...

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Bonneville Basin (excluding Bear River), Sevier River direct, Snake Valley, Escalante River and Shoal Creek, Beaver River, Little Salt Lake, and Coal Creek (III-D 4-9)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	254	95	158	1	...	2	...
acre-feet...	714,263	74,978	634,665	(D)	...	(D)	...
From another drainage basin.....organizations...	1	...	1	...	...	...	...
acre-feet...	15,330	...	15,330	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	246	94	151	1	...	2	...
acre-feet...	698,933	74,978	619,335	(D)	...	(D)	...
Surface water.....organizations...	200	60	139	1	...	2	...
acre-feet...	642,905	49,610	588,675	(D)	...	(D)	...
Ground water.....organizations...	65	37	28	...	...	...	...
acre-feet...	56,028	25,368	30,660	...	...	...	...
From other organizations in the basin.....*organizations receiving*...	17	8	9	...	...	...	...
acre-feet...	70,747	2,898	67,849	...	...	...	...
Total leaving conveyance systems.....organizations...	254	95	158	1	...	2	...
acre-feet...	714,263	77,876	631,767	(D)	...	(D)	...
Conveyance loss in basin.....organizations...	221	78	142	1	...	2	...
acre-feet...	138,101	9,191	128,448	(D)	...	(D)	...
Conveyed to another drainage basin.....organizations...	1	...	1	...	...	...	...
acre-feet...	2,920	...	2,920	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	253	95	157	1	...	2	...
acre-feet...	573,242	68,685	500,399	(D)	...	(D)	...
To farm irrigation water users.....organizations...	253	95	157	1	...	2	...
acre-feet...	553,262	61,970	487,134	(D)	...	(D)	...
To domestic water users.....organizations...	46	4	42	...	...	2	...
acre-feet...	16,656	6,413	10,243	...	...	(D)	...
For other use.....organizations...	6	1	5	...	...	...	...
acre-feet...	3,324	302	3,022	...	...	...	...
Delivered to other irrigation organizations.....*organizations delivering*...	10	...	10	...	...	...	...
acre-feet...	70,747	...	70,747	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	3	...	3	(D)	...	(D)	...
1 to 3 water users.....organizations...	40	33	7	(D)	...	(D)	...
4 to 9 water users.....organizations...	77	53	24	(D)	...	(D)	...
10 to 29 water users.....organizations...	66	6	60	(D)	...	(D)	...
30 to 99 water users.....organizations...	49	3	45	(D)	...	(D)	...
100 to 299 water users.....organizations...	18	...	18	(D)	...	(D)	...
300 to 999 water users.....organizations...	3	...	3	(D)	...	(D)	...
1,000 or more water users.....organizations...	...	...	...	...	...	(D)	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	3	...	3	(D)	...	(D)	...
1 to 299 acre-feet.....organizations...	64	38	26	(D)	...	(D)	...
300 to 999 acre-feet.....organizations...	79	39	40	(D)	...	(D)	...
1,000 to 2,999 acre-feet.....organizations...	65	16	49	(D)	...	(D)	...
3,000 to 9,999 acre-feet.....organizations...	34	2	31	(D)	...	(D)	...
10,000 to 29,999 acre-feet.....organizations...	10	...	10	(D)	...	(D)	...
30,000 to 99,999 acre-feet.....organizations...	1	...	1	(D)	...	(D)	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	(D)	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	2	...	2	(D)	...	(D)	...
1 to 299 acre-feet.....organizations...	55	31	24	(D)	...	(D)	...
300 to 999 acre-feet.....organizations...	76	44	32	(D)	...	(D)	...
1,000 to 2,999 acre-feet.....organizations...	63	14	49	(D)	...	(D)	...
3,000 to 9,999 acre-feet.....organizations...	42	6	35	(D)	...	(D)	...
10,000 to 29,999 acre-feet.....organizations...	14	...	14	(D)	...	(D)	...
30,000 to 99,999 acre-feet.....organizations...	4	...	4	(D)	...	(D)	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	(D)	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Bonneville Basin (excluding Bear River), Northwest Great Salt Lake Basin, Southwest Great Salt Lake Basin, and Southeast Great Salt Lake Basin (III-D 1-3)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	420	113	294	6	1	8	6
1949...	450	167	275	3	1	NA	4
Service area, 1959:							
Area served, as reported by organizations.....acres...	377,385	23,827	333,364	15,331	1,030	26,577	3,833
Area irrigated, as reported by organizations.....acres...	347,251	19,541	310,380	12,467	1,030	25,167	3,833
Water users served, 1959, total.....water users...	57,382	1,747	42,382	9,027	47	2,128	4,179
Farm irrigation water users.....water users...	20,829	964	17,383	1,759	47	1,204	676
Residential water users.....water users...	36,489	782	24,939	7,265	...	917	3,503
Other water users.....water users...	64	1	60	3	...	7	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	307	95	205	1	1	6	5
Total water conveyed.....acre-feet...	1,114,777	64,019	993,262	419	29,414	202,458	27,663
Water delivered.....acre-feet...	974,401	56,722	881,385	393	10,532	170,802	25,369
To farm and residential users only.....organizations...	289	95	191	1	...	3	2
acre-feet...	618,135	56,722	555,119	393	...	54,647	5,901
To farm and residential users and other irrigation organizations.....organizations...	16	...	12	...	1	...	3
Water to farm and residential users.....acre-feet...	137,431	...	122,134	...	3,089	...	12,208
Water to other irrigation organizations.....acre-feet...	102,680	...	87,977	...	7,443	...	7,260
To other irrigation organizations only.....organizations...	2	...	2	...	...	2	...
acre-feet...	116,155	...	116,155	...	...	116,155	...
Part of water from other organizations.....organizations...	55	1	51	2	...	1	1
Total water conveyed.....acre-feet...	380,217	1,114	317,593	43,320	...	25,788	18,190
From surface and ground water sources.....acre-feet...	212,386	720	183,458	17,303	...	871	10,905
From other irrigation organizations.....acre-feet...	167,831	394	134,135	26,017	...	24,917	7,285
Water delivered.....acre-feet...	318,873	814	283,126	17,745	...	1,966	17,188
To farm and residential users only.....organizations...	46	1	44	1	...	...	...
acre-feet...	161,705	814	145,112	15,779	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	8	...	7	1	...	1	...
Water to farm and residential users.....acre-feet...	88,884	...	88,390	494	...	494	...
Water to other irrigation organizations.....acre-feet...	51,096	...	49,624	1,472	...	1,472	...
To other irrigation organizations only.....organizations...	1	...	...	...	...	...	1
acre-feet...	17,188	...	...	...	...	...	17,188
All of water from other organizations.....organizations...	54	16	35	3	...	...	...
Total water conveyed.....acre-feet...	125,548	9,849	96,205	19,494	...	...	...
Water delivered.....acre-feet...	117,879	9,110	90,434	18,335	...	...	...
To farm and residential users only.....organizations...	51	15	33	3	...	...	...
acre-feet...	109,108	7,737	83,036	18,335	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	1	...	1	...	...	...	...
Water to farm and residential users.....acre-feet...	2,511	...	2,511	...	...	...	...
Water to other irrigation organizations.....acre-feet...	708	...	708	...	...	...	...
To other irrigation organizations only.....organizations...	2	1	1	...	...	...	...
acre-feet...	5,552	1,373	4,179	...	...	...	...
No water conveyed.....organizations...	4	1	3	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	362	104	249	5	...	4	4
acres served...	364,686	19,804	298,423	10,331	...	26,577	36,128
acres irrigated...	338,635	15,968	279,072	7,467	...	25,167	36,128
water delivered to farms (acre-feet)...	1,092,765	52,486	870,183	23,090	...	52,291	147,006
acre-feet per acre...	3.2	3.3	3.1	3.1	...	2.7	4.1
Organizations reporting water from other sources used on land served by the organization.....organizations...	46	7	37	1	1	...	...
acres served...	50,074	4,023	40,021	5,000	1,030	...	...
acres irrigated...	45,991	3,573	36,388	5,000	1,030	...	...
water delivered to farms (acre-feet)...	87,264	9,427	70,881	3,867	3,089	...	...
acre-feet per acre...	1.9	2.6	1.9	0.8	3.0	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	203	39	154	5	1	6	4
By U. S. B. R.....dollars...	30,555,996	...	12,355,996	...	18,200,000	12,355,996	...
By water users organizations.....dollars...	2,800,507	83,219	2,101,855	413,733	...	86,748	201,700

See footnote at end of table.

State Table 4.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Con.

Item (For definitions and explanations, see text)	Bonneville Basin (excluding Bear River), Northwest Great Salt Lake Basin, Southwest Great Salt Lake Basin, and Southeast Great Salt Lake Basin (III-D 1-3)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	416	112	291	6	1	6	6
acre-feet...	1,327,163	64,739	1,176,720	17,722	29,414	203,329	38,568
From another drainage basin.....organizations...	7	...	5	...	...	2	2
acre-feet...	115,862	...	111,603	...	...	101,973	4,259
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	359	96	255	3	1	6	4
acre-feet...	1,211,301	64,739	1,065,117	17,722	29,414	101,356	34,309
Surface water.....organizations...	326	87	232	2	1	5	4
acre-feet...	1,162,637	53,821	1,029,996	16,851	28,200	100,485	33,769
Ground water.....organizations...	45	11	31	1	1	1	1
acre-feet...	48,664	10,918	35,121	871	1,214	871	540
From other organizations in the basin.....organizations receiving...	109	17	86	5	...	1	1
acre-feet...	293,379	10,243	230,340	45,511	...	24,917	7,285
Total leaving conveyance systems.....organizations...	416	112	291	6	1	6	6
acre-feet...	1,327,163	73,609	1,148,417	61,761	21,971	110,619	21,405
Conveyance loss in basin.....organizations...	326	84	232	4	1	5	5
acre-feet...	138,593	8,336	120,990	2,938	3,033	8,936	3,296
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	413	111	290	6	1	6	5
acre-feet...	1,188,570	65,273	1,027,427	58,823	18,938	101,683	18,109
To farm irrigation water users.....organizations...	409	111	287	6	1	3	4
acre-feet...	1,038,289	61,913	934,111	26,957	3,089	52,291	12,219
To domestic water users.....organizations...	140	13	120	4	...	2	3
acre-feet...	79,485	3,360	62,191	8,044	...	2,850	5,890
For other use.....organizations...	19	...	17	1	1	3	...
acre-feet...	70,796	...	31,125	23,822	15,849	46,542	...
Delivered to other irrigation organizations.....organizations delivering...	29	1	23	1	1	3	3
acre-feet...	293,379	1,373	258,643	1,472	7,443	117,627	24,448
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	13	2	9	...	...	4	2
1 to 3 water users.....organizations...	55	43	12	...	...	...	...
4 to 9 water users.....organizations...	110	45	64	1	...	...	...
10 to 29 water users.....organizations...	115	19	94	1	...	1	1
30 to 99 water users.....organizations...	72	3	67	1	1	...	...
100 to 299 water users.....organizations...	38	1	37	...	...	1	...
300 to 999 water users.....organizations...	17	...	11	3	...	2	3
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	11	2	7	...	...	4	2
1 to 299 acre-feet.....organizations...	92	52	40	...	...	...	...
300 to 999 acre-feet.....organizations...	131	41	87	3	...	1	...
1,000 to 2,999 acre-feet.....organizations...	102	16	84	...	...	...	2
3,000 to 9,999 acre-feet.....organizations...	61	2	55	2	1	1	1
10,000 to 29,999 acre-feet.....organizations...	17	...	16	1	...	1	...
30,000 to 99,999 acre-feet.....organizations...	5	...	5	...	...	1	...
100,000 or more acre-feet.....organizations...	1	...	...	...	...	...	1
Size of organization (acre-feet of water conveyed):							
None.....organizations...	4	1	3	...	...	2	...
1 to 299 acre-feet.....organizations...	65	38	27	...	...	...	...
300 to 999 acre-feet.....organizations...	126	52	73	1	...	...	...
1,000 to 2,999 acre-feet.....organizations...	117	20	96	...	...	...	1
3,000 to 9,999 acre-feet.....organizations...	75	2	68	3	...	1	2
10,000 to 29,999 acre-feet.....organizations...	21	...	16	2	1	2	2
30,000 to 99,999 acre-feet.....organizations...	11	...	11	...	...	3	...
100,000 or more acre-feet.....organizations...	1	...	...	...	...	...	1

NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Bear River (III-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	140	47	91	1	...	2	1
1949...	140	51	88	...	...	NA	1
Service area, 1959:							
Area served, as reported by organizations.....acres...	206,748	23,830	(D)	(D)	...	(D)	(D)
Area irrigated, as reported by organizations.....acres...	188,996	22,972	(D)	(D)	...	(D)	(D)
Water users served, 1959, total.....water users...	9,699	565	(D)	(D)	...	(D)	(D)
Farm irrigation water users.....water users...	6,707	517	(D)	(D)	...	(D)	(D)
Residential water users.....water users...	2,986	48	(D)	...	...	(D)	(D)
Other water users.....water users...	6	...	(D)	(D)	...	...	(D)
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	98	26	71	...	...	2	1
Total water conveyed.....acre-feet...	576,827	22,945	(D)	...	...	(D)	(D)
Water delivered.....acre-feet...	494,268	19,584	(D)	...	...	(D)	(D)
To farm and residential users only.....organizations...	93	26	67	...	...	1	...
acre-feet...	220,881	19,584	(D)	...	...	(D)	...
To farm and residential users and other irrigation organizations.....organizations...	4	...	3	...	...	...	1
Water to farm and residential users.....acre-feet...	179,971	...	(D)	...	...	...	(D)
Water to other irrigation organizations.....acre-feet...	83,916	...	(D)	...	...	...	(D)
To other irrigation organizations only.....organizations...	1	...	1	...	...	1	...
acre-feet...	9,500	...	(D)	...	...	(D)	...
Part of water from other organizations.....organizations...	4	1	3	...	...	...	...
Total water conveyed.....acre-feet...	11,830	750	(D)	...	...	...	...
From surface and ground water sources.....acre-feet...	8,130	150	(D)	...	...	...	...
From other irrigation organizations.....acre-feet...	3,700	600	(D)	...	...	...	...
Water delivered.....acre-feet...	9,006	671	(D)	...	...	...	...
To farm and residential users only.....organizations...	4	1	3	...	...	...	...
acre-feet...	9,006	671	(D)	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	38	20	17	1	...	...	...
Total water conveyed.....acre-feet...	90,776	37,267	(D)	(D)	...	...	...
Water delivered.....acre-feet...	73,134	29,990	(D)	(D)	...	...	...
To farm and residential users only.....organizations...	38	20	17	1	...	...	...
acre-feet...	73,134	29,990	(D)	(D)	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	133	45	86	1	...	1	1
acres served...	213,497	23,454	(D)	(D)	...	(D)	(D)
acres irrigated...	195,992	22,803	(D)	(D)	...	(D)	(D)
water delivered to farms (acre-feet)...	476,252	49,824	(D)	(D)	...	(D)	(D)
acre-feet per acre...	2.4	2.2	(D)	(D)	...	(D)	(D)
Organizations reporting water from other sources used on land served by the organization.....organizations...	6	2	4	...	...	...	...
acres served...	15,846	816	(D)	...	...	...	...
acres irrigated...	15,024	594	(D)	...	...	...	...
water delivered to farms (acre-feet)...	20,420	1,183	(D)	...	...	...	...
acre-feet per acre...	1.4	2.0	(D)	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	76	17	57	1	...	2	1
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	439,125	20,415	391,960	(D)	...	(D)	(D)

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Bear River (III-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	140	47	91	1	...	2	1
acre-feet...	586,017	23,895	(D)	(D)	...	(D)	(D)
From another drainage basin.....organizations...	8	1	7	...	...	...	...
acre-feet...	72,830	800	(D)	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	97	27	69	...	...	2	1
acre-feet...	513,187	23,095	(D)	...	...	(D)	(D)
Surface water.....organizations...	79	21	57	...	...	2	1
acre-feet...	488,213	20,801	(D)	...	...	(D)	(D)
Ground water.....organizations...	23	6	17	...	...	...	...
acre-feet...	24,974	2,294	(D)	...	...	...	...
From other organizations in the basin.....organizations receiving...	39	20	18	1	...	...	...
acre-feet...	93,416	37,067	(D)	(D)	...	...	...
Total leaving conveyance systems.....organizations...	140	47	91	1	...	2	1
acre-feet...	586,017	60,962	(D)	(D)	...	(D)	(D)
Conveyance loss in basin.....organizations...	116	38	76	1	...	1	1
acre-feet...	85,620	10,717	(D)	(D)	...	(D)	(D)
Conveyed to another drainage basin.....organizations...	5	...	4	...	...	...	1
acre-feet...	12,205	...	(D)	...	...	...	(D)
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	138	47	89	1	...	1	1
acre-feet...	488,192	50,245	(D)	(D)	...	(D)	(D)
To farm irrigation water users.....organizations...	138	47	89	1	...	1	1
acre-feet...	465,396	50,132	(D)	(D)	...	(D)	(D)
To domestic water users.....organizations...	25	1	23	...	...	1	1
acre-feet...	17,596	113	(D)	...	...	(D)	(D)
For other use.....organizations...	5	...	3	1	...	...	1
acre-feet...	5,200	...	(D)	(D)	...	...	(D)
Delivered to other irrigation organizations.....organizations delivering...	5	...	4	...	...	1	1
acre-feet...	93,416	...	(D)	...	...	(D)	(D)
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	1	...	(D)	(D)	...	(D)	(D)
1 to 3 water users.....organizations...	10	7	(D)	(D)	...	(D)	(D)
4 to 9 water users.....organizations...	27	16	(D)	(D)	...	(D)	(D)
10 to 29 water users.....organizations...	62	22	(D)	(D)	...	(D)	(D)
30 to 99 water users.....organizations...	24	2	(D)	(D)	...	(D)	(D)
100 to 299 water users.....organizations...	10	...	(D)	(D)	...	(D)	(D)
300 to 999 water users.....organizations...	6	...	(D)	(D)	...	(D)	(D)
1,000 or more water users.....organizations...	...	...	...	...	...	(D)	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	1	...	(D)	(D)	...	(D)	(D)
1 to 299 acre-feet.....organizations...	19	7	(D)	(D)	...	(D)	(D)
300 to 999 acre-feet.....organizations...	37	21	(D)	(D)	...	(D)	(D)
1,000 to 2,999 acre-feet.....organizations...	46	16	(D)	(D)	...	(D)	(D)
3,000 to 9,999 acre-feet.....organizations...	30	3	(D)	(D)	...	(D)	(D)
10,000 to 29,999 acre-feet.....organizations...	5	...	(D)	(D)	...	(D)	(D)
30,000 to 99,999 acre-feet.....organizations...	1	...	(D)	(D)	...	(D)	(D)
100,000 or more acre-feet.....organizations...	1	...	(D)	(D)	...	(D)	(D)
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	14	7	(D)	(D)	...	(D)	(D)
300 to 999 acre-feet.....organizations...	31	14	(D)	(D)	...	(D)	(D)
1,000 to 2,999 acre-feet.....organizations...	49	22	(D)	(D)	...	(D)	(D)
3,000 to 9,999 acre-feet.....organizations...	37	4	(D)	(D)	...	(D)	(D)
10,000 to 29,999 acre-feet.....organizations...	6	...	(D)	(D)	...	(D)	(D)
30,000 to 99,999 acre-feet.....organizations...	2	...	(D)	(D)	...	(D)	(D)
100,000 or more acre-feet.....organizations...	1	...	(D)	(D)	...	(D)	(D)

D Data not shown to avoid disclosure of information for individual organizations.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Colorado River above and below Lees Ferry, excluding Gila, Green, and Gunnison Rivers (IV-B and IV-D)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	88	36	51	...	...	...	1
1949...	100	37	58	...	...	NA	5
Service area, 1959:							
Area served, as reported by organizations.....acres...	69,940	11,193	(D)	...	...	...	(D)
Area irrigated, as reported by organizations.....acres...	48,760	5,738	(D)	...	...	...	(D)
Water users served, 1959, total.....water users...	3,158	240	(D)	...	...	...	(D)
Farm irrigation water users:.....water users...	2,074	220	(D)	...	...	...	(D)
Residential water users.....water users...	1,084	20	(D)	...	...	...	(D)
Other water users.....water users...	...	...	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	83	35	47	...	...	...	1
Total water conveyed.....acre-feet...	187,015	20,580	(D)	...	...	...	(D)
Water delivered.....acre-feet...	164,347	17,853	(D)	...	...	...	(D)
To farm and residential users only.....organizations...	80	35	44	...	...	...	1
acre-feet...	116,008	17,853	(D)	...	...	...	(D)
To farm and residential users and other irrigation organizations.....organizations...	3	...	3	...	...	...	...
Water to farm and residential users.....acre-feet...	39,238	...	(D)	...	...	...	...
Water to other irrigation organizations.....acre-feet...	9,101	...	(D)	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	2	1	1	...	...	...	...
Total water conveyed.....acre-feet...	3,881	1,056	(D)	...	...	...	...
From surface and ground water sources.....acre-feet...	2,050	850	(D)	...	...	...	...
From other irrigation organizations.....acre-feet...	1,831	206	(D)	...	...	...	...
Water delivered.....acre-feet...	3,473	898	(D)	...	...	...	...
To farm and residential users only.....organizations...	2	1	1	...	...	...	...
acre-feet...	3,473	898	(D)	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	3	...	3	...	...	...	...
Total water conveyed.....acre-feet...	7,270	...	(D)	...	...	...	...
Water delivered.....acre-feet...	7,270	...	(D)	...	...	...	...
To farm and residential users only.....organizations...	3	...	3	...	...	...	...
acre-feet...	7,270	...	(D)	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	86	35	50	...	...	...	(D)
acres served...	68,410	11,103	(D)	...	...	...	(D)
acres irrigated...	48,260	5,678	(D)	...	...	...	(D)
water delivered to farms (acre-feet)...	154,994	17,729	(D)	...	...	...	(D)
acre-feet per acre...	3.2	3.1	(D)	...	...	...	(D)
Organizations reporting water from other sources used on land served by the organization.....organizations...	2	1	1	...	...	...	...
acres served...	1,590	90	(D)	...	...	...	...
acres irrigated...	560	60	(D)	...	...	...	...
water delivered to farms (acre-feet)...	1,625	135	(D)	...	...	...	...
acre-feet per acre...	2.9	2.2	(D)	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	64	21	42	...	...	...	1
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	1,027,180	198,219	827,511	...	...	...	(D)

See footnotes at end of table.

State Table 4.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Con.

Item (For definitions and explanations, see text)	Colorado River above and below Lees Ferry, excluding Gila, Green, and Gunnison Rivers (IV-B and IV-D)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	88	36	51	...	...	...	1
acre-feet...	189,065	21,430	(D)	...	...	...	(D)
From another drainage basin.....organizations...	1	...	1	...	...	...	...
acre-feet...	2,920	...	(D)	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	84	36	47	...	...	...	1
acre-feet...	186,145	21,430	(D)	...	...	...	(D)
Surface water.....organizations...	75	29	45	...	...	...	1
acre-feet...	163,082	15,696	(D)	...	...	...	(D)
Ground water.....organizations...	15	9	6	...	...	...	...
acre-feet...	23,063	5,734	(D)	...	...	...	...
From other organizations in the basin.....organizations receiving...	5	1	4	...	...	...	...
acre-feet...	9,101	206	(D)	...	...	...	...
Total leaving conveyance systems.....organizations...	88	36	51	...	...	...	1
acre-feet...	189,065	21,636	(D)	...	...	...	(D)
Conveyance loss in basin.....organizations...	74	28	45	...	...	...	1
acre-feet...	23,076	2,885	(D)	...	...	...	(D)
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	88	36	51	...	...	...	1
acre-feet...	165,989	18,751	(D)	...	...	...	(D)
To farm irrigation water users.....organizations...	88	36	51	...	...	...	1
acre-feet...	156,459	17,864	(D)	...	...	...	(D)
To domestic water users.....organizations...	20	2	17	...	...	...	1
acre-feet...	9,530	887	(D)	...	...	...	(D)
For other use.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Delivered to other irrigation organizations.....organizations delivering...	3	...	3	...	...	...	...
acre-feet...	9,101	...	(D)	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	...	...	...	...	...	...	...
1 to 3 water users.....organizations...	16	14	(D)	...	...	...	(D)
4 to 9 water users.....organizations...	26	18	(D)	...	...	...	(D)
10 to 29 water users.....organizations...	23	3	(D)	...	...	...	(D)
30 to 99 water users.....organizations...	20	1	(D)	...	...	...	(D)
100 to 299 water users.....organizations...	3	...	(D)	...	...	...	(D)
300 to 999 water users.....organizations...	...	...	...	...	...	...	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	20	15	(D)	...	...	...	(D)
300 to 999 acre-feet.....organizations...	28	17	(D)	...	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	33	4	(D)	...	...	...	(D)
3,000 to 9,999 acre-feet.....organizations...	5	...	(D)	...	...	...	(D)
10,000 to 29,999 acre-feet.....organizations...	2	...	(D)	...	...	...	(D)
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	19	14	(D)	...	...	...	(D)
300 to 999 acre-feet.....organizations...	26	17	(D)	...	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	30	5	(D)	...	...	...	(D)
3,000 to 9,999 acre-feet.....organizations...	9	...	(D)	...	...	...	(D)
10,000 to 29,999 acre-feet.....organizations...	3	...	(D)	...	...	...	(D)
30,000 to 99,999 acre-feet.....organizations...	1	...	(D)	...	...	...	(D)
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 4.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Con.

Item (For definitions and explanations, see text)	Green River (IV-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	79	21	57	...	...	3	1
1949...	84	29	52	2	...	NA	1
Service area, 1959:							
Area served, as reported by organizations.....acres...	280,129	6,678	211,146	...	...	...	62,305
Area irrigated, as reported by organizations.....acres...	261,373	6,376	192,692	...	...	...	62,305
Water users served, 1959, total.....water users...	6,164	152	5,276	...	...	...	736
Farm irrigation water users:.....water users...	4,897	103	4,076	...	...	...	718
Residential water users.....water users...	1,267	49	1,200	...	...	...	18
Other water users.....water users...	...	...	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	69	20	49	...	...	3	...
Total water conveyed.....acre-feet...	602,083	23,417	578,666	...	...	125,896	...
Water delivered.....acre-feet...	426,552	19,834	406,718	...	...	23,923	...
To farm and residential users only.....organizations...	63	20	43	...	...	...	...
acre-feet...	368,758	19,834	348,924	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	3	...	3	...	...	...	...
Water to farm and residential users.....acre-feet...	21,993	...	21,993	...	...	...	...
Water to other irrigation organizations.....acre-feet...	11,878	...	11,878	...	...	...	...
To other irrigation organizations only.....organizations...	2	...	2	...	...	2	...
acre-feet...	23,923	...	23,923	...	...	23,923	...
Part of water from other organizations.....organizations...	4	...	3	...	...	...	1
Total water conveyed.....acre-feet...	359,785	...	91,344	...	...	...	268,441
From surface and ground water sources.....acre-feet...	340,018	...	80,216	...	...	...	259,802
From other irrigation organizations.....acre-feet...	19,767	...	11,128	...	...	...	8,639
Water delivered.....acre-feet...	352,385	...	83,944	...	...	...	268,441
To farm and residential users only.....organizations...	3	...	3	...	...	...	...
acre-feet...	83,944	...	83,944	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	1	...	...	...	...	...	1
Water to farm and residential users.....acre-feet...	213,163	...	...	...	...	...	213,163
Water to other irrigation organizations.....acre-feet...	55,278	...	...	...	...	...	55,278
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	5	1	4	...	...	...	...
Total water conveyed.....acre-feet...	71,312	1,744	69,568	...	...	...	...
Water delivered.....acre-feet...	60,496	1,570	58,926	...	...	...	...
To farm and residential users only.....organizations...	5	1	4	...	...	...	...
acre-feet...	60,496	1,570	58,926	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	1	...	1	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	63	18	45	...	...	...	...
acres served...	157,361	5,773	151,588	...	...	...	...
acres irrigated...	138,487	5,471	133,016	...	...	...	...
water delivered to farms (acre-feet)...	408,124	19,825	388,299	...	...	...	...
acre-feet per acre...	2.9	3.6	2.9	...	...	...	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	12	3	8	...	...	...	1
acres served...	130,412	905	67,202	...	...	...	62,305
acres irrigated...	129,196	905	65,986	...	...	...	62,305
water delivered to farms (acre-feet)...	341,880	1,554	127,283	...	...	...	213,043
acre-feet per acre...	2.6	1.7	1.9	...	...	...	3.4
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	68	16	52	...	...	3	...
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	1,141,113	43,760	1,097,353	...	...	123,259	...

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Green River (IV-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	78	21	56	...	...	3	1
acre-feet...	942,101	23,417	658,882	...	...	125,896	259,802
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	73	20	52	...	...	3	1
acre-feet...	942,101	23,417	658,882	...	...	125,896	259,802
Surface water.....organizations...	72	19	52	...	...	3	1
acre-feet...	940,216	21,532	658,882	...	...	125,896	259,802
Ground water.....organizations...	1	1	...	...	...	...	...
acre-feet...	1,885	1,885	...	...	...	...	...
From other organizations in the basin.....organizations receiving...	9	1	7	...	...	...	1
acre-feet...	91,079	1,744	80,696	...	...	...	8,639
Total leaving conveyance systems.....organizations...	78	21	56	...	...	3	1
acre-feet...	942,101	25,161	703,777	...	...	101,973	213,163
Conveyance loss in basin.....organizations...	68	17	51	...	...	...	...
acre-feet...	79,969	3,757	76,212	...	...	...	...
Conveyed to another drainage basin.....organizations...	5	...	5	...	...	2	...
acre-feet...	113,778	...	113,778	...	...	101,973	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	75	21	53	...	...	...	1
acre-feet...	748,354	21,404	513,787	...	...	...	213,163
To farm irrigation water users.....organizations...	74	21	52	...	...	...	1
acre-feet...	739,120	21,379	504,698	...	...	...	213,043
To domestic water users.....organizations...	15	1	13	...	...	...	1
acre-feet...	9,234	25	9,089	...	...	...	120
For other use.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Delivered to other irrigation organizations..... organizations delivering...	6	...	5	...	...	1	1
acre-feet...	91,079	...	35,801	...	...	23,923	55,278
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	5	1	4	...	...	3	...
1 to 3 water users.....organizations...	10	7	3	...	...	...	...
4 to 9 water users.....organizations...	21	12	9	...	...	...	...
10 to 29 water users.....organizations...	18	1	17	...	...	...	...
30 to 99 water users.....organizations...	14	...	14	...	...	...	...
100 to 299 water users.....organizations...	5	...	5	...	...	...	...
300 to 999 water users.....organizations...	6	...	5	...	...	...	1
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	4	...	4	...	...	3	...
1 to 299 acre-feet.....organizations...	6	5	1	...	...	...	...
300 to 999 acre-feet.....organizations...	14	10	4	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	20	5	15	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	21	1	20	...	...	...	...
10,000 to 29,999 acre-feet.....organizations...	9	...	9	...	...	...	...
30,000 to 99,999 acre-feet.....organizations...	4	...	4	...	...	...	...
100,000 or more acre-feet.....organizations...	1	...	...	...	...	...	1
Size of organization (acre-feet of water conveyed):							
None.....organizations...	1	...	1	...	...	1	...
1 to 299 acre-feet.....organizations...	5	4	1	...	...	...	...
300 to 999 acre-feet.....organizations...	14	11	3	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	19	4	15	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	22	2	20	...	...	...	...
10,000 to 29,999 acre-feet.....organizations...	12	...	12	...	...	1	...
30,000 to 99,999 acre-feet.....organizations...	5	...	5	...	...	1	...
100,000 or more acre-feet.....organizations...	1	...	...	...	...	...	1

NA Not available.

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Utah, total			Northwest Great Salt Northwest Great Salt Lake Basin, Southwest Great Salt Lake Basin, and Southeast Great Salt Lake Basin (III-D 1-3)		
		Size of organization, by total water conveyed					
		0-999 acre-feet	1,000-9,999 acre-feet	10,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000 or more acre-feet
1	Number of organizations.....organizations...	442	463	79	195	192	33
	TYPE OF SERVICE						
2	All water directly from surface and ground sources.....organizations...	383	349	64	152	132	23
3	Total water conveyed.....acre-feet...	164,380	1,084,909	1,824,709	67,148	390,118	657,511
4	Water delivered.....acre-feet...	142,932	925,285	1,572,447	59,905	344,767	569,729
5	To farm and residential users only.....organizations...	382	335	40	152	125	12
6	acre-feet...	142,832	872,455	775,060	59,905	317,355	240,875
7	To farm and residential users and other irrigation organizations.....organizations...	...	13	20	...	7	9
8	Water to farm and residential users.....acre-feet...	...	37,068	387,273	...	18,786	118,645
9	Water to other irrigation organizations.....acre-feet...	...	15,762	260,536	...	8,626	94,054
10	To other irrigation organizations only.....organizations...	1	...	4	...	...	2
11	acre-feet...	100	...	149,578	...	...	116,155
12	Part of water from other organizations.....organizations...	23	41	11	13	33	9
13	Total water conveyed.....acre-feet...	11,443	153,530	603,393	6,370	127,636	246,211
14	From surface and ground water sources.....acre-feet...	7,029	98,926	467,076	3,869	79,438	129,079
15	From other irrigation organizations.....acre-feet...	4,414	54,604	136,317	2,501	48,198	117,132
16	Water delivered.....acre-feet...	10,008	134,382	549,938	5,600	113,367	199,906
17	To farm and residential users only.....organizations...	23	38	4	13	30	3
18	acre-feet...	10,008	115,203	143,508	5,600	94,188	61,917
19	To farm and residential users and other irrigation organizations.....organizations...	...	3	6	...	3	5
20	Water to farm and residential users.....acre-feet...	...	12,203	289,844	...	12,203	76,681
21	Water to other irrigation organizations.....acre-feet...	...	6,976	99,398	...	6,976	44,120
22	To other irrigation organizations only.....organizations...	...	...	1	...	...	1
23	acre-feet...	...	...	17,188	...	...	17,188
24	All of water from other organizations.....organizations...	30	73	4	26	27	1
25	Total water conveyed.....acre-feet...	13,797	227,056	122,594	10,438	98,912	16,198
26	Water delivered.....acre-feet...	12,323	201,072	98,028	9,442	93,859	14,578
27	To farm and residential users only.....organizations...	30	69	4	26	24	1
28	acre-feet...	12,323	189,682	98,028	9,442	85,088	14,578
29	To farm and residential users and other irrigation organizations.....organizations...	...	2	...	...	1	...
30	Water to farm and residential users.....acre-feet...	...	3,206	...	...	2,511	...
31	Water to other irrigation organizations.....acre-feet...	...	2,632	...	...	708	...
32	To other irrigation organizations only.....organizations...	...	2	...	...	2	...
33	acre-feet...	...	5,552	...	...	5,552	...
34	No water conveyed.....organizations...	6	...	...	4	...	...
	WATER FROM OTHER SOURCES						
35	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	374	405	64	171	163	28
36	acres served...	105,375	492,013	435,743	31,208	155,806	177,672
37	acres irrigated...	70,423	407,711	405,530	23,867	140,906	173,862
38	Organizations reporting water from other sources used on land served by the organization.....organizations...	61	52	10	20	24	2
39	acres served...	24,815	102,520	167,025	5,258	40,786	4,030
40	acres irrigated...	15,152	75,990	159,913	4,065	37,896	4,030
	NEW CAPITAL INVESTMENT, 1950-1959						
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	211	288	65	80	98	25
42	dollars...	1,233,408	4,467,421	32,645,430	373,082	1,835,534	31,147,887
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959						
43	Total entering conveyance systems in basin.....organizations...	436	463	79	191	192	33
44	acre-feet...	171,409	1,184,895	2,291,785	71,017	469,556	786,590
45	From another drainage basin.....organizations...	1	7	3	1	3	3
46	acre-feet...	320	12,854	78,220	66,273	7,599	41,990
47	From Drainage Basin number.....D. B. No....	...	...	...	...	...	...
48	From natural sources within basin.....organizations...	405	386	72	165	163	31
49	acre-feet...	171,089	1,172,041	2,213,565	4,744	461,957	744,600
50	Surface water.....organizations...	328	355	71	145	152	29
51	acre-feet...	134,876	1,067,968	2,198,381	[1]-6,277	427,939	740,975
52	Ground water.....organizations...	85	58	9	24	17	4
53	acre-feet...	36,213	104,073	15,184	11,021	34,018	3,625
54	*From other organizations in the basin*.....*organizations receiving*...	53	112	14	39	60	10
55	*acre-feet*...	18,211	280,600	258,911	12,939	147,110	133,330
56	Total leaving conveyance systems.....organizations...	436	463	79	191	192	33
57	acre-feet...	189,520	1,434,573	2,023,996	83,956	594,804	648,403
58	Conveyance loss in basin.....organizations...	340	400	68	145	155	26
59	acre-feet...	24,145	186,175	256,401	8,835	62,442	67,316
60	Conveyed to another drainage basin.....organizations...	1	4	...	...	...	...
61	acre-feet...	35	13,320	...	...	...	...
62	To drainage basin number.....D. B. No....	...	...	...	...	...	...
63	Delivered for use in the basin.....organizations...	435	458	77	191	190	32
64	acre-feet...	165,340	1,235,078	1,767,595	75,121	532,362	581,087
65	To farm irrigation water users.....organizations...	435	456	74	191	188	30
66	acre-feet...	159,135	1,136,966	1,660,091	70,179	475,350	492,760
67	To residential water users.....organizations...	65	142	38	47	76	17
68	acre-feet...	6,028	92,851	33,622	4,768	54,781	19,936
69	For other use.....organizations...	4	17	9	3	11	5
70	acre-feet...	177	5,261	73,882	174	2,231	68,391
71	*Delivered to other irrigation organizations*.....*organizations delivering*...	1	20	31	...	13	16
72	*acre-feet*...	100	30,922	526,700	...	21,862	271,517
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959						
	Per acre irrigated, as reported by irrigation organization:						
73	All organizations.....acre-feet...	1.9	2.4	3.0	2.5	2.7	3.5
74	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	374	405	64	171	163	28
75	acre-feet...	1.9	2.5	3.1	2.6	2.9	3.6

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	Sevier River direct, Snake Valley, Escalante River and Shoal Creek, Beaver River, Little Salt Lake, and Coal Creek (III-D 4-9)				Bear River (III-E)		
		Size of organization, by total water conveyed						
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	100,000 or more acre-feet
1	Number of organizations....organizations...	133	105	18	...	45	86	9
	TYPE OF SERVICE							
2	All water directly from surface and ground sources....organizations...	124	97	16	...	39	50	9
3	Total water conveyed....acre-feet...	46,827	300,972	356,017	...	18,586	172,801	385,440
4	Water delivered....acre-feet...	39,757	252,874	284,799	...	16,486	140,194	337,588
5	To farm and residential users only....organizations...	123	93	12	...	39	50	4
6	acre-feet...	39,657	237,684	185,558	...	16,486	140,194	64,201
7	To farm and residential users and other irrigation organizations....organizations...	...	4	4	...	...	...	4
8	Water to farm and residential users....acre-feet...	...	9,662	36,046	...	...	...	179,971
9	Water to other irrigation organizations....acre-feet...	...	5,528	63,195	...	...	...	83,916
10	To other irrigation organizations only....organizations...	1	...	...	...	...	...	1
11	acre-feet...	100	...	...	...	...	...	9,500
12	Part of water from other organizations....organizations...	7	3	...	...	2	2	...
13	Total water conveyed....acre-feet...	3,556	9,097	...	...	950	10,880	...
14	From surface and ground water sources....acre-feet...	2,410	8,037	...	...	350	7,780	...
15	From other irrigation organizations....acre-feet...	1,146	1,060	...	...	600	3,100	...
16	Water delivered....acre-feet...	3,095	7,496	...	...	796	8,210	...
17	To farm and residential users only....organizations...	7	3	...	...	2	2	...
18	acre-feet...	3,095	7,496	...	...	796	8,210	...
19	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...	...	...	...
20	Water to farm and residential users....acre-feet...	...	...	...	...	...	...	...
21	Water to other irrigation organizations....acre-feet...	...	...	...	...	...	...	...
22	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...
24	All of water from other organizations....organizations...	...	5	2	...	4	34	...
25	Total water conveyed....acre-feet...	...	15,599	52,942	...	3,359	87,417	...
26	Water delivered....acre-feet...	...	14,630	38,014	...	2,881	70,253	...
27	To farm and residential users only....organizations...	...	4	2	...	4	34	...
28	acre-feet...	...	12,011	38,014	...	2,881	70,253	...
29	To farm and residential users and other irrigation organizations....organizations...	...	1	...	...	...	...	...
30	Water to farm and residential users....acre-feet...	...	695	...	...	...	...	...
31	Water to other irrigation organizations....acre-feet...	...	1,924	...	...	...	...	...
32	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...	...
34	No water conveyed....organizations...	2	...	...	...	...	...	...
	WATER FROM OTHER SOURCES							
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	98	84	15	...	41	85	7
36	acres served...	44,171	125,433	96,219	...	13,719	119,857	79,921
37	acres irrigated...	26,434	90,512	82,720	...	9,941	107,030	79,021
38	Organizations reporting water from other sources used on land served by the organization....organizations...	32	21	3	...	4	1	1
39	acres served...	16,586	49,372	30,200	...	1,696	1,900	12,250
40	acres irrigated...	9,008	27,336	23,800	...	974	1,800	12,250
	NEW CAPITAL INVESTMENT, 1950-1959							
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	62	73	18	...	24	47	5
42	dollars...	616,441	1,257,293	506,304	...	29,146	314,398	95,581
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
43	Total entering conveyance systems in basin....organizations...	131	105	18	...	45	86	9
44	acre-feet...	49,237	309,009	356,017	...	18,936	181,641	385,440
45	From another drainage basin....organizations...	...	...	1	...	1	5	2
46	acre-feet...	...	...	15,330	...	320	9,620	62,890
47	From Drainage Basin number....D. B. No....	...	...	...	...	...	...	...
48	From natural sources within basin....organizations...	131	100	15	...	40	50	7
49	acre-feet...	49,237	309,009	340,687	...	18,616	172,021	322,550
50	Surface water....organizations...	97	88	15	...	27	45	7
51	acre-feet...	34,707	269,911	338,287	...	11,942	153,721	322,550
52	Ground water....organizations...	37	24	4	...	13	10	...
53	acre-feet...	14,530	39,098	2,400	...	6,674	18,300	...
54	*From other organizations in the basin....organizations receiving...*	7	8	2	...	5	34	...
55	*acre-feet...*	1,146	16,659	52,942	...	3,959	89,457	...
56	Total leaving conveyance systems....organizations...	131	105	18	...	45	86	9
57	acre-feet...	50,283	318,216	345,764	...	22,895	271,098	292,024
58	Conveyance loss in basin....organizations...	107	97	17	...	31	78	7
59	acre-feet...	7,528	46,688	83,885	...	2,697	44,591	38,332
60	Conveyed to another drainage basin....organizations...	...	1	...	...	1	2	2
61	acre-feet...	...	2,920	...	...	35	5,880	6,290
62	To drainage basin number....D. B. No....	...	...	...	...	...	...	...
63	Delivered for use in the basin....organizations...	130	105	18	...	45	85	8
64	acre-feet...	42,755	268,608	261,879	...	20,163	220,627	247,402
65	To farm irrigation water users....organizations...	130	105	18	...	45	85	8
66	acre-feet...	42,027	253,700	257,535	...	19,822	203,750	241,824
67	To residential water users....organizations...	9	31	6	...	3	18	4
68	acre-feet...	725	13,848	2,083	...	341	14,907	2,348
69	For other use....organizations...	1	3	2	...	...	3	2
70	acre-feet...	3	1,060	2,261	...	...	1,970	3,230
71	*Delivered to other irrigation organizations....organizations delivering...*	1	5	4	...	...	...	5
72	*acre-feet...*	100	7,452	63,195	...	...	...	93,416
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959							
73	Per acre irrigated, as reported by irrigation organization: All organizations....acre-feet...	1.2	2.2	2.4	...	1.9	2.1	3.0
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	98	84	15	...	41	85	7
75	acre-feet...	1.1	2.3	2.6	...	1.8	2.0	3.1

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	Colorado River below Lees Ferry (excluding Gila River) and Colorado River above Lees Ferry (excluding Green and Gunnison Rivers) (IV-B and IV-D)				Green River (IV-E)		
		Size of organization, by total water conveyed						
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0,999 acre-feet	1,000-9,999 acre-feet	10,000 or more acre-feet
1	Number of organizations....organizations...	45	39	4	...	20	41	18
	TYPE OF SERVICE							
2	All water directly from surface and ground sources....organizations...	45	34	4	...	18	36	15
3	Total water conveyed....acre-feet...	20,296	80,336	86,383	...	9,515	144,947	447,621
4	Water delivered....acre-feet...	17,296	70,657	76,394	...	8,002	114,613	303,937
5	To farm and residential users only....organizations...	45	33	2	...	18	34	11
6	acre-feet...	17,296	64,002	34,710	...	8,002	111,040	249,716
7	To farm and residential users and other irrigation organizations....organizations...	...	1	2	...	...	1	2
8	Water to farm and residential users....acre-feet...	...	6,449	32,789	...	...	2,171	19,822
9	Water to other irrigation organizations....acre-feet...	...	206	8,895	...	...	1,402	10,476
10	To other irrigation organizations only....organizations...	...	...	...	...	...	...	2
11	acre-feet...	...	...	...	...	...	...	23,923
12	Part of water from other organizations....organizations...	...	2	...	...	1	1	2
13	Total water conveyed....acre-feet...	...	3,881	...	...	567	2,036	357,182
14	From surface and ground water sources....acre-feet...	...	2,050	...	...	400	1,621	337,997
15	From other irrigation organizations....acre-feet...	...	1,831	...	...	167	415	19,185
16	Water delivered....acre-feet...	...	3,473	...	...	517	1,836	350,032
17	To farm and residential users only....organizations...	...	2	...	...	1	1	1
18	acre-feet...	...	3,473	...	...	517	1,836	81,591
19	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...	...	...	1
20	Water to farm and residential users....acre-feet...	...	...	...	...	...	...	213,163
21	Water to other irrigation organizations....acre-feet...	...	...	...	...	...	...	55,278
22	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...
24	All of water from other organizations....organizations...	...	3	...	...	...	4	1
25	Total water conveyed....acre-feet...	...	7,270	...	...	...	17,858	53,454
26	Water delivered....acre-feet...	...	7,270	...	...	...	15,060	45,436
27	To farm and residential users only....organizations...	...	3	...	...	...	4	1
28	acre-feet...	...	7,270	...	...	...	15,060	45,436
29	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...	...	...	...
30	Water to farm and residential users....acre-feet...	...	...	...	...	...	...	...
31	Water to other irrigation organizations....acre-feet...	...	...	...	...	...	...	...
32	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...	...
34	No water conveyed....organizations...	...	...	...	...	1	...	...
	WATER FROM OTHER SOURCES							
35	Organizations reporting no water from other sources used on land served by the organization....organizations...	44	38	4	...	16	35	12
36	acres served...	11,172	40,618	16,620	...	4,445	48,873	104,043
37	acres irrigated...	5,956	27,684	14,620	...	3,685	40,763	94,039
38	Organizations reporting water from other sources used on land served by the organization....organizations...	1	1	...	...	3	5	4
39	acres served...	90	1,500	...	...	905	8,962	120,545
40	acres irrigated...	60	500	...	...	905	8,458	119,833
	NEW CAPITAL INVESTMENT, 1950-1959							
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	27	33	4	...	14	39	15
42	dollars...	194,179	660,385	172,616	...	18,660	399,411	723,042
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
43	Total entering conveyance systems in basin....organizations...	45	39	4	...	19	41	18
44	acre-feet...	20,296	82,386	86,383	...	9,915	146,568	785,618
45	From another drainage basin....organizations...	...	1	...	...	...	...	...
46	acre-feet...	...	2,920	...	...	...	...	...
47	From Drainage Basin number....D. B. No....	...	...	...	...	...	...	...
48	From natural sources within basin....organizations...	45	35	4	...	19	37	17
49	acre-feet...	20,296	79,466	86,383	...	9,915	146,568	785,618
50	Surface water....organizations...	39	32	4	...	19	36	17
51	acre-feet...	17,164	68,694	77,224	...	9,915	144,683	785,618
52	Ground water....organizations...	8	6	1	...	...	1	...
53	acre-feet...	3,132	10,772	9,159	...	...	1,885	...
54	*From other organizations in the basin....organizations receiving...*	...	5	...	...	1	5	3
55	*acre-feet...*	...	9,101	...	...	167	18,273	72,639
56	Total leaving conveyance systems....organizations...	45	39	4	...	19	41	18
57	acre-feet...	20,296	91,281	77,488	...	10,082	163,439	768,580
58	Conveyance loss in basin....organizations...	37	33	4	...	15	37	16
59	acre-feet...	3,000	10,087	9,989	...	1,563	21,527	56,879
60	Conveyed to another drainage basin....organizations...	...	...	...	...	...	3	2
61	acre-feet...	...	...	...	...	...	11,805	101,973
62	To drainage basin number....D. B. No....	...	...	...	...	...	...	...
63	Delivered for use in the basin....organizations...	45	39	4	...	19	39	17
64	acre-feet...	17,296	81,194	67,499	...	8,519	130,107	609,728
65	To farm irrigation water users....organizations...	45	39	4	...	19	39	16
66	acre-feet...	17,127	74,180	65,152	...	8,494	127,806	602,820
67	To residential water users....organizations...	5	13	2	...	1	5	9
68	acre-feet...	169	7,014	2,347	...	25	2,301	6,908
69	For other use....organizations...	...	...	...	...	...	...	...
70	acre-feet...	...	...	...	...	...	...	...
71	*Delivered to other irrigation organizations....organizations delivering...*	...	1	2	...	...	1	5
72	*acre-feet...*	...	206	8,895	...	...	1,402	89,677
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959							
	Per acre irrigated, as reported by irrigation organization:							
73	All organizations....acre-feet...	2.8	2.6	4.5	...	1.9	3.0	2.3
74	Organizations reporting no water from other sources used on land served by the organization....organizations...	44	38	4	...	16	35	12
75	acre-feet...	2.8	2.6	4.5	...	1.9	3.0	3.0

WASHINGTON

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State Table 1.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	The State (North Pacific Coast)	North Pacific Coast excluding Columbia River (I-A)				Columbia River, total	Columbia River below Snake River (I-B)			
			Total	Pacific Coast direct	Puget Sound	Dungeness River		Total	Columbia River direct	Klickitat River	Walla Walla River
				(1)	(2)	(3)			(1)	(4)	(8)
1	Total acres irrigated in Census year.....1959...	1,006,969	71,000	13,000	48,000	10,000	936,000	70,000	26,000	7,000	37,000
2	1949...	618,129	31,306	4,551	16,429	10,326	586,823	43,164	8,586	5,827	28,751
3	Irrigation organizations.....organizations 1959...	350	10	...	...	10	340	70	8	4	58
4	1949...	441	16	2	5	10	425	97	11	5	81
	Service area, 1959:										
5	Farm area reported served by organizations.....acres 1959...	948,932	20,645	...	...	20,645	928,287	29,860	6,737	8,840	14,283
6	Farm area reported irrigated by organizations.....acres 1959...	847,752	15,680	...	...	15,680	832,072	28,371	5,897	8,600	13,874
7	Water users served, total.....water users 1959...	63,429	880	...	...	880	62,549	1,422	129	112	1,181
8	Farm irrigation water users.....water users 1959...	29,752	762	...	...	762	28,990	1,109	99	112	898
9	Residential water users.....water users 1959...	33,539	116	...	...	116	33,423	313	30	...	283
10	Other water users.....water users 1959...	138	2	...	...	2	136	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959										
11	Ground water sources.....acres...	133,903	29,000	5,000	24,000	...	105,000	23,000	8,000	...	15,000
12	Surface water sources.....acres...	873,066	42,000	8,000	24,000	10,000	831,000	47,000	18,000	7,000	22,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959										
13	Total entering conveyance systems in basin.....organizations...	347	10	...	...	10	337	70	8	4	58
14	acre-feet...	4,922,092	114,483	...	...	114,483	4,807,609	132,111	44,605	33,317	54,189
15	From another drainage basin.....organizations...	3	...	...	...	...	3	1	1	...	...
16	acre-feet...	67,703	...	...	...	...	67,703	15,364	15,364	...	...
17	From drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...	...
18	From natural sources within basin...organizations...	322	10	...	...	10	312	69	7	4	58
19	acre-feet...	4,854,389	114,483	...	...	114,483	4,739,906	116,747	29,241	33,317	54,189
20	Surface water.....organizations...	303	10	...	...	10	293	67	7	4	56
21	acre-feet...	4,733,940	114,483	...	...	114,483	4,619,457	115,564	29,241	33,317	53,006
22	Ground water.....organizations...	27	...	...	...	...	27	5	...	...	5
23	acre-feet...	120,449	...	...	...	...	120,449	1,183	...	...	1,183
24	*From other organizations in the basin.....organizations receiving...*	34	...	...	...	...	34	...	...	...	...
25	*acre-feet...*	62,388	...	...	...	...	62,388	...	...	...	...
26	Total leaving conveyance systems.....organizations...	347	10	...	...	10	337	70	8	4	58
27	acre-feet...	4,922,092	114,483	...	...	114,483	4,807,609	132,111	44,605	33,317	54,189
28	Conveyance loss in basin.....organizations...	261	9	...	...	9	253	40	6	3	31
29	acre-feet...	1,153,487	10,931	...	...	10,931	1,142,556	17,550	8,650	6,545	2,355
30	Conveyed to another drainage basin..organizations...	1	...	...	...	...	1	1	1	...	...
31	acre-feet...	4,364	...	...	...	...	4,364	4,364	4,364	...	...
32	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...	...	...
33	Delivered for use in the basin.....organizations...	346	10	...	...	10	336	70	8	4	58
34	acre-feet...	3,764,241	103,552	...	...	103,552	3,660,689	110,197	31,591	26,772	51,834
35	To farm irrigation water users...organizations...	345	10	...	...	10	335	70	8	4	58
36	acre-feet...	3,697,304	99,739	...	...	99,739	3,597,565	109,419	31,531	26,772	51,116
37	To residential water users.....organizations...	45	5	...	...	5	40	4	2	...	2
38	acre-feet...	37,836	3,678	...	...	3,678	34,158	778	60	...	718
39	For other use.....organizations...	21	1	...	...	1	20	...	...	...	...
40	acre-feet...	29,101	135	...	...	135	28,966	...	...	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	10	...	...	...	...	10	...	...	...	...
42	*acre-feet...*	62,388	...	...	...	...	62,388	...	...	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	4.4	6.4	...	...	6.4	4.3	3.9	5.3	3.1	3.6
	NEW CAPITAL INVESTMENT, 1950-1959										
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	117	4	...	...	4	113	9	2	...	7
45	dollars...	200,768,354	29,250	...	...	29,250	200,739,104	121,541	48,000	...	73,541

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Columbia River above Snake River excluding Yakima River (I-C)									
		Total	Columbia River direct				Wenatchee River	Lake Chelan	Methow River	Okanogan River	Grand Coulee area, Spokane River and Clark Fork
			Total	Below Trinidad, Washington	Trinidad to Rocky Reach Gage	Above Rocky Reach Gage					
				(1a)	(1b)	(1c, d)	(3)	(4)	(5)	(6)	(2, 7, 8a)
1	Total acres irrigated in Census year.....1959...	410,000	168,000	120,000	20,000	28,000	12,000	7,000	12,000	25,000	186,000
2	1949...	113,842	43,368	13,998	NA	NA	14,250	5,421	8,588	16,214	26,001
3	Irrigation organizations.....organizations 1959...	149	77	5	54	18	20	3	27	11	14
4	1949...	171	82	7	NA	NA	28	3	30	10	19
	Service area, 1959:										
5	Farm area reported served by organizations.....acres 1959...	422,307	163,923	144,048	15,746	4,129	16,441	4,344	9,716	20,658	207,225
6	Farm area reported irrigated by organizations.....acres 1959...	354,562	132,405	117,229	13,253	1,923	15,671	4,344	8,134	15,130	178,878
7	Water users served, total.....water users 1959...	31,738	13,996	11,658	2,123	215	5,028	260	474	1,713	10,267
8	Farm irrigation water users.....water users 1959...	13,211	4,041	2,357	1,469	215	2,323	260	391	1,511	4,685
9	Residential water users.....water users 1959...	18,509	9,942	9,301	641	...	2,705	...	83	202	5,577
10	Other water users.....water users 1959...	18	13	...	13	...	...	...	...	...	5
	LAND IRRIGATED BY SOURCE OF WATER, 1959										
11	Ground water sources.....acres...	64,000	15,000	5,000	4,000	6,000	2,000	1,000	2,000	6,000	38,000
12	Surface water sources.....acres...	346,000	153,000	115,000	16,000	22,000	10,000	6,000	10,000	19,000	148,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959										
13	Total entering conveyance systems in basin.....organizations...	148	76	5	54	17	20	3	27	11	13
14	acre-feet...	2,126,716	800,916	722,012	68,660	10,244	92,649	9,343	79,348	97,760	1,735,626
15	From another drainage basin.....organizations...	3	3	2	1	...	...	...	...	...	1
16	acre-feet...	117,095	753,682	734,856	18,826	...	...	...	...	...	52,339
17	From drainage basin number.....D. B. No....	...	...	(1)	3	...	...	...	...	...	7
18	From natural sources within basin...organizations...	130	70	4	49	17	18	3	23	11	7
19	acre-feet...	2,009,621	47,234	2-12,844	49,834	10,244	92,649	9,343	79,348	97,760	1,683,287
20	Surface water.....organizations...	117	61	4	42	15	18	3	23	11	3
21	acre-feet...	1,898,310	43,985	2-12,844	47,343	9,486	92,649	9,343	79,348	97,760	1,575,225
22	Ground water.....organizations...	15	10	...	7	3	...	...	...	...	5
23	acre-feet...	111,311	3,249	...	2,491	758	...	...	...	...	108,062
24	*From other organizations in the basin.....organizations receiving...*	26	8	...	8	...	9	...	4	...	5
25	*acre-feet...*	39,430	2,546	...	2,546	...	17,837	...	740	...	18,307
26	Total leaving conveyance systems.....organizations...	148	76	5	54	17	20	3	27	11	13
27	acre-feet...	2,126,716	800,916	722,012	68,660	10,244	92,649	9,343	79,348	97,760	1,735,626
28	Conveyance loss in basin.....organizations...	101	54	5	39	10	16	2	18	9	4
29	acre-feet...	676,375	249,995	238,581	10,710	704	9,016	305	35,735	23,032	358,292
30	Conveyed to another drainage basin..organizations...	...	...	...	...	...	1	...	...	...	1
31	acre-feet...	...	...	...	...	...	18,826	...	...	...	670,100
32	To drainage basin number.....D. B. No....	...	...	...	...	...	1-b	...	...	...	1-a
33	Delivered for use in the basin.....organizations...	148	76	5	54	17	20	3	27	11	13
34	acre-feet...	1,450,341	550,921	483,431	57,950	9,540	64,807	9,038	43,613	74,728	707,234
35	To farm irrigation water users...organizations...	147	76	5	54	17	20	3	27	11	12
36	acre-feet...	1,432,952	545,411	478,731	57,140	9,540	61,661	9,038	43,265	74,128	699,449
37	To residential water users.....organizations...	20	10	2	8	...	5	...	2	1	3
38	acre-feet...	15,154	5,325	4,700	625	...	3,146	...	348	600	5,735
39	For other use.....organizations...	5	3	...	3	...	...	...	...	...	2
40	acre-feet...	2,235	185	...	185	...	...	...	...	...	2,050
41	*Delivered to other irrigation organizations..... organizations delivering...*	7	3	...	3	...	3	...	1	...	1
42	*acre-feet...*	39,430	2,546	...	2,546	...	17,837	...	740	...	18,307
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	4.0	4.1	4.1	4.3	5.0	3.9	2.1	5.3	4.9	3.9
	NEW CAPITAL INVESTMENT, 1950-1959										
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	57	26	4	16	7	6	1	12	5	8
45	dollars...	191,966,077	86,917,486	62,165,263	240,154	24,512,069	142,695	24,363	36,900	46,410	104,798,223

NA Not available. [1]64,756 acre-feet from D. B. No. 1, 670,100 acre-feet from D. B. No. 2. [2]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Yakima River (I-D)				Snake River below Weiser, Idaho (I-E)		
		Total	Below Union Gap (1)	Union Gap to Umtanum (2)	Above Umtanum (3)	Total	Snake River direct (1)	Grande Ronde River (2)
1	Total acres irrigated in Census year.....1959...	441,000	249,000	86,000	106,000	15,000	15,000	...
2	1949...	422,622	226,437	85,652	110,533	7,195	7,068	127
3	Irrigation organizations.....organizations 1959...	121	8	72	43	1	1	...
4	1949...	157	23	93	46	2	2	...
	Service area, 1959:							
5	Farm area reported served by organizations.....acres 1959...	(D)	(D)	83,019	97,319	(D)	(D)	...
6	Farm area reported irrigated by organizations.....acres 1959...	(D)	(D)	76,575	92,754	(D)	(D)	...
7	Water users served, total.....water users 1959...	(D)	(D)	15,740	1,609	(D)	(D)	...
8	Farm irrigation water users.....water users 1959...	(D)	(D)	4,816	1,422	(D)	(D)	...
9	Residential water users.....water users 1959...	(D)	(D)	10,813	181	(D)	(D)	...
10	Other water users.....water users 1959...	118	...	111	6	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959							
11	Ground water sources.....acres...	13,000	4,000	7,000	2,000	5,000	5,000	...
12	Surface water sources.....acres...	428,000	245,000	79,000	104,000	10,000	10,000	...
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
13	Total entering conveyance systems in basin.....organizations...	119	8	71	42	1	1	...
14	acre-feet...	(D)	(D)	661,932	494,305	(D)	(D)	...
15	From another drainage basin.....organizations...	...	2	...	...	...	...	...
16	acre-feet...	...	(D)	...	...	...	...	...
17	From drainage basin number.....D. B. No....	...	2	...	...	...	...	...
18	From natural sources within basin...organizations...	112	6	64	42	1	1	...
19	acre-feet...	(D)	(D)	661,932	494,305	(D)	(D)	...
20	Surface water.....organizations...	108	6	61	41	1	1	...
21	acre-feet...	(D)	(D)	654,402	494,190	(D)	(D)	...
22	Ground water.....organizations...	6	...	5	1	1	1	...
23	acre-feet...	(D)	...	7,530	115	(D)	(D)	...
24	*From other organizations in the basin.....organizations receiving...*	8	...	8	...	...	...	...
25	*acre-feet...*	(D)	...	22,958	...	...	...	...
26	Total leaving conveyance systems.....organizations...	119	8	71	42	1	1	...
27	acre-feet...	(D)	(D)	661,932	494,305	(D)	(D)	...
28	Conveyance loss in basin.....organizations...	111	6	66	41	1	1	...
29	acre-feet...	(D)	(D)	45,457	65,629	(D)	(D)	...
30	Conveyed to another drainage basin..organizations...	1	1	2	...	...	...	...
31	acre-feet...	(D)	(D)	340,582	...	...	...	...
32	To drainage basin number.....D. B. No....	...	...	1	...	...	...	...
33	Delivered for use in the basin.....organizations...	117	7	70	42	1	1	...
34	acre-feet...	(D)	(D)	275,893	428,676	(D)	(D)	...
35	To farm irrigation water users...organizations...	117	7	70	42	1	1	...
36	acre-feet...	(D)	(D)	246,653	422,152	(D)	(D)	...
37	To residential water users.....organizations...	15	...	14	1	1	1	...
38	acre-feet...	(D)	...	9,026	700	(D)	(D)	...
39	For other use.....organizations...	14	1	7	6	1	1	...
40	acre-feet...	(D)	(D)	20,214	5,824	(D)	(D)	...
41	*Delivered to other irrigation organizations.....organizations delivering...*	3	...	3	...	...	...	...
42	*acre-feet...*	22,958	...	22,958	...	...	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	4.6	5.0	3.2	4.6	(D)	(D)	...
	NEW CAPITAL INVESTMENT, 1950-1959							
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	48	5	39	5	...	...	...
45	dollars...	(D)	(D)	1,451,791	921,575	...	...	...

D Data not shown to avoid disclosure of information for individual organizations.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	Washington, total	Columbia River below Snake River (I-B)	Columbia River above Snake River excluding Yakima River (I-C)	Yakima River (I-D)
1	Irrigation organizations, total number.....organizations 1959...	350	70	149	121
2	1949...	441	97	171	157
3	Area irrigated as reported by organizations.....acres 1959...	847,752	28,371	354,562	(D)
4	1949...	513,583	29,055	67,184	(D)
5	Farm water users served directly....water users 1959...	29,752	1,109	13,211	(D)
6	Total water conveyed.....acre-feet 1959...	4,984,480	132,111	2,166,146	(D)
	TYPE OF ORGANIZATION				
	Mutual:				
7	Unincorporated.....organizations 1959...	209	52	81	75
8	1949...	273	75	98	97
9	Farm area irrigated directly.....acres 1959...	50,486	8,984	10,349	30,833
10	Farm water users served directly.....water users 1959...	1,523	368	479	671
11	Total water conveyed.....acre-feet 1959...	280,036	37,274	52,037	187,725
12	Incorporated.....organizations 1959...	66	8	25	28
13	1949...	82	11	29	37
14	Farm area irrigated directly.....acres 1959...	56,651	12,735	10 013	27,243
15	Farm water users served directly.....water users 1959...	3,422	196	1,160	1,838
16	Total water conveyed.....acre-feet 1959...	383,613	60,960	114,932	153,688
17	District.....organizations 1959...	65	10	39	13
18	1949...	74	11	40	19
19	Farm area irrigated directly.....acres 1959...	274,703	6,652	66,071	193,280
20	Farm water users served directly.....water users 1959...	17,835	545	9,023	7,738
21	Total water conveyed.....acre-feet 1959...	1,404,850	33,877	387,157	991,122
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau...organizations 1959...	3	...	1	2
23	1949...	3	...	1	2
24	Farm area irrigated directly.....acres 1959...	333,179	...	267,085	66,094
25	Farm water users served directly.....water users 1959...	3,536	...	2,491	1,045
26	Total water conveyed.....acre-feet 1959...	1,933,708	...	1,601,900	331,808
27	*U. S. Bureau of Reclamation; operated by water users .....organizations 1959...*	7	...	4	4
28	*1949...*	11	NA	NA	NA
29	Farm area irrigated directly.....acres 1959...	169,912	...	13,750	156,162
30	Farm water users served directly.....water users 1959...	6,637	...	804	5,833
31	Total water conveyed.....acre-feet 1959...	860,011	...	83,199	841,568
32	U. S. Bureau of Indian Affairs....organizations 1959...	5	...	2	3
33	1949...	2	...	1	1
34	Farm area irrigated directly.....acres 1959...	(D)	...	(D)	(D)
35	Farm water users served directly.....water users 1959...	(D)	...	(D)	(D)
36	Total water conveyed.....acre-feet 1959...	(D)	...	(D)	(D)
37	Commercial.....organizations 1959...	2	...	1	...
38	1949...	3	...	2	...
39	Farm area irrigated directly.....acres 1959...	(D)	...	(D)	...
40	Farm water users served directly.....water users 1959...	(D)	...	(D)	...
41	Total water conveyed.....acre-feet 1959...	(D)	...	(D)	...
42	State.....organizations 1959...	...	...	...	...
43	1949...	...	...	...	...
44	Farm area irrigated directly.....acres 1959...	...	...	...	...
45	Farm water users served directly.....water users 1959...	...	...	...	...
46	Total water conveyed.....acre-feet 1959...	...	...	...	...
47	City.....organizations 1959...	...	...	...	...
48	1949...	4	...	...	1
49	Farm area irrigated directly.....acres 1959...	...	...	...	...
50	Farm water users served directly.....water users 1959...	...	...	...	...
51	Total water conveyed.....acre-feet 1959...	...	...	...	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Washington, total	Columbia River below Snake River (I-B)	Columbia River above Snake River excluding Yakima River (I-C)	Yakima River (I-D)
	TYPE OF SERVICE, 1959				
1	All water directly from surface and ground water sources.....organizations...	312	70	121	111
2	Total water conveyed.....acre-feet...	4,897,865	132,111	2,099,024	2,598,603
3	Water delivered.....acre-feet...	3,721,298	110,197	1,422,531	2,071,653
4	To farm and residential users only.....organizations...	304	70	116	108
5	acre-feet...	3,405,213	110,197	1,343,988	1,834,111
6	To farm and residential users and other irrigation organizations.....organizations...	6	...	4	2
7	Water to farm and residential users.....acre-feet...	259,995	...	45,411	214,584
8	Water to other irrigation organizations..... acre-feet...	31,483	...	14,825	16,658
9	To other irrigation organizations only.....organizations...	2	...	1	1
10	acre-feet...	24,607	...	18,307	6,300
11	Part of water from other organizations.....organizations...	12	...	11	1
12	Total water conveyed.....acre-feet ..	40,680	...	38,145	2,535
13	From surface and ground water sources.....acre-feet...	8,729	...	12,194	[1]-3,465
14	From other irrigation organizations.....acre-feet...	31,951	...	25,951	6,000
15	Water delivered.....acre-feet...	38,215	...	36,280	1,935
16	To farm and residential users only.....organizations...	11	...	10	1
17	acre-feet...	22,267	...	20,332	1,935
18	To farm and residential users and other irrigation organizations.....organizations...	1	...	1	...
19	Water to farm and residential users.....acre-feet...	9,900	...	9,900	...
20	Water to other irrigation organizations.....acre-feet...	6,048	...	6,048	...
21	To other irrigation organizations only.....organizations...	...	...	...	...
22	acre-feet...	...	...	...	...
23	All of water from other organizations.....organizations...	23	...	16	7
24	Total water conveyed.....acre-feet...	45,935	...	28,977	(D)
25	Water delivered.....acre-feet...	38,015	...	28,725	(D)
26	To farm and residential users only.....organizations...	22	...	15	7
27	acre-feet...	37,260	...	27,970	(D)
28	To farm and residential users and other irrigation organizations.....organizations...	1	...	1	...
29	Water to farm residential users.....acre-feet...	505	...	505	...
30	Water to other irrigation organizations.....acre-feet...	250	...	250	...
31	To other irrigation organizations only.....organizations...	...	...	...	...
32	acre-feet...	...	...	...	...
33	No water conveyed.....organizations...	3	...	1	2
	WATER FROM OTHER SOURCES				
34	Organizations reporting no water from other sources used on land served by the organization.....organizations...	301	64	130	98
35	acres served...	840,631	17,957	408,059	412,281
36	acres irrigated...	746,002	16,768	342,839	378,946
37	Water delivered to farms.....acre-feet...	3,291,955	70,811	1,401,938	1,761,787
38	acre-feet per acre...	4.4	4.2	4.1	4.6
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	44	6	17	20
40	acres served...	112,501	16,103	14,248	(D)
41	acres irrigated...	105,671	15,524	11,723	(D)
42	Water delivered to farms.....acre-feet...	421,033	54,292	31,014	(D)
43	acre-feet per acre...	4.0	3.5	2.6	(D)

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Washington, total	Columbia River below Snake River (I-B)	Columbia River above Snake River excluding Yakima River (I-C)	Yakima River (1-D)
	WATER DELIVERED PER ACRE				
	Organizations reporting NO water from other sources used on same land:				
1	0.1 to 0.9 acre-feet per acre.....organizations...	4	...	...	4
2	acres irrigated...	1,500	..	...	1,500
3	1.0 to 1.9 acre-feet per acre.....organizations...	16	2	7	7
4	acres irrigated...	12,689	350	4,974	7,365
5	2.0 to 2.9 acre-feet per acre.....organizations...	39	11	14	13
6	acres irrigated...	19,052	2,472	1,516	13,004
7	3.0 to 3.9 acre-feet per acre.....organizations...	62	16	32	14
8	acres irrigated...	142,687	4,121	25,466	113,100
9	4.0 to 4.9 acre-feet per acre.....organizations...	71	25	27	19
10	acres irrigated...	397,735	5,880	290,482	107,264
11	5.0 to 5.9 acre-feet per acre.....organizations...	34	5	12	15
12	acres irrigated...	13,426	1,388	3,949	3,989
13	6.0 to 6.9 acre-feet per acre.....organizations...	17	1	10	6
14	acres irrigated...	137,740	220	10,755	126,765
15	7.0 to 7.9 acre-feet per acre.....organizations...	26	3	13	9
16	acres irrigated...	6,874	1,624	1,539	1,711
17	8.0 to 9.9 acre-feet per acre.....organizations...	31	1	15	(D)
18	acres irrigated...	13,999	713	4,158	(D)
19	10.0 or more acre-feet per acre.....organizations...	1	...	...	(D)
20	acres irrigated...	300	...	...	(D)
	SIZE OF ORGANIZATION				
	Size of organization (number of farm irrigation water users served directly):				
21	None.....organizations...	5	...	2	3
22	1 to 3.....organizations...	105	13	49	43
23	water users...	250	30	115	105
24	4 to 9.....organizations...	84	30	28	25
25	water users...	478	173	166	134
26	10 to 29.....organizations...	70	21	27	20
27	water users...	1,077	341	411	295
28	30 to 99.....organizations...	47	5	26	11
29	water users...	2,452	261	1,258	626
30	100 to 299.....organizations...	18	...	7	9
31	water users...	3,221	...	1,509	1,292
32	300 to 999.....organizations...	13	1	6	(D)
33	water users...	6,683	350	2,900	(D)
34	1,000 or more.....organizations...	8	...	4	(D)
35	water users...	15,637	...	6,852	(D)
	Size of organization (acre-feet of water delivered directly to farms):				
36	None.....organisations...	5	...	2	3
37	1 to 299 acre-feet.....organizations...	93	23	53	17
38	acre-feet...	14,598	2,935	8,583	3,080
39	300 to 999 acre-feet.....organizations...	99	23	44	32
40	acre-feet...	52,476	12,049	23,562	16,865
41	1,000 to 2,999 acre-feet.....organizations...	73	15	24	34
42	acre-feet...	132,376	26,378	46,580	59,418
43	3,000 to 9,999 acre-feet.....organizations...	46	6	15	20
44	acre-feet...	258,275	31,837	85,571	113,051
45	10,000 to 29,999 acre-feet.....organizations...	23	3	8	6
46	acre-feet...	337,447	51,904	116,299	92,321
47	30,000 to 99,999 acre-feet.....organizations...	6	...	2	(D)
48	acre-feet...	286,472	...	92,357	(D)
49	100,000 or more acre-feet.....organizations...	5	...	1	(D)
50	acre-feet...	2,631,344	...	1,060,000	(D)
	Size of organization (acre-feet of water conveyed):				
51	None.....organizations...	3	...	1	2
52	1 to 299 acre-feet.....organizations...	78	21	44	13
53	acre-feet...	12,197	2,657	7,082	2,458
54	300 to 999 acre-feet.....organizations...	101	24	47	30
55	acre-feet...	54,798	12,617	24,564	17,617
56	1,000 to 2,999 acre-feet.....organizations...	69	14	23	32
57	acre-feet...	124,221	22,953	39,439	61,829
58	3,000 to 9,999 acre-feet.....organizations...	53	7	19	23
59	acre-feet...	277,126	34,663	102,844	114,611
60	10,000 to 29,999 acre-feet.....organizations...	31	4	9	11
61	acre-feet...	478,451	72,395	148,319	149,862
62	30,000 to 99,999 acre-feet.....organizations...	10	...	5	(D)
63	acre-feet...	544,333	...	277,526	(D)
64	100,000 or more acre-feet.....organizations...	5	...	1	(D)
65	acre-feet...	3,536,669	...	1,601,900	(D)

State Table 3.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Washington, total	Columbia River below Snake River (I-B)	Columbia River above Snake River excluding Yakima River (I-C)	Yakima River (I-D)
1	Total acres irrigated.....farms reporting...	19,292	1,417	7,046	7,326
2	acres...	1,006,969	69,766	410,235	441,139
3	Acres irrigated by sprinklers.....farms reporting...	10,481	1,098	4,365	1,879
4	acres...	342,665	46,380	168,645	48,849
5	Sprinklers only.....farms reporting...	7,991	966	3,100	869
6	acres...	251,603	39,041	116,447	19,739
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959				
7	Ground water sources on farm.....farms reporting...	3,911	670	1,299	441
8	acres...	118,157	22,603	48,375	13,344
9	Ground water sources on farm only.farms reporting...	3,020	529	983	163
10	acres...	83,158	14,556	34,507	4,401
11	Surface sources on farm.....farms reporting...	3,760	536	1,203	480
12	acres...	143,671	25,369	46,937	30,799
13	Surface sources on farm only.....farms reporting...	3,039	442	979	245
14	acres...	106,756	17,805	37,181	16,540
15	Irrigation organization sources.....farms reporting...	12,900	373	4,987	6,890
16	acres...	745,141	21,794	314,923	396,996
17	Irrigation organization sources only.....farms reporting...	12,004	294	4,648	6,464
18	acres...	683,565	16,379	296,373	360,388
19	Both farm ground water sources and surface sources.....farms reporting...	332	72	96	28
20	acres...	27,551	9,886	7,905	1,511
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	897	80	340	426
22	acres...	105,939	11,140	34,269	58,299

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	Washington, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	350	209	66	65	3	7	7
1949...	441	273	82	74	3	11	9
Service area, 1959:							
Area served, as reported by organizations.....acres...	948,932	55,788	61,977	310,256	380,366	189,078	140,545
Area irrigated, as reported by organizations.....acres...	847,752	50,486	56,651	274,703	333,179	169,912	132,733
Water users served, 1959, total.....water users...	63,429	1,875	11,585	39,385	3,541	13,790	7,043
Farm irrigation water users.....water users...	29,752	1,523	3,422	17,835	3,536	6,637	3,436
Residential water users.....water users...	33,539	346	8,147	21,439	...	7,152	3,607
Other water users.....water users...	138	6	16	111	5	1	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	312	197	53	53	2	6	7
Total water conveyed.....acre-feet...	4,897,865	276,308	356,826	1,348,750	1,933,708	860,011	982,273
Water delivered.....acre-feet...	3,721,298	233,540	269,513	1,111,366	1,276,492	709,529	830,387
To farm and residential users only.....organizations...	304	195	50	51	1	6	7
acre-feet...	3,405,213	225,900	235,416	1,053,510	1,060,000	709,529	830,387
To farm and residential users and other irrigation organizations.....organizations...	6	1	2	2	1	...	...
Water to farm and residential users.....acre-feet...	259,995	600	885	44,676	213,834	...	...
Water to other irrigation organizations.....acre-feet...	31,483	740	14,905	13,180	2,658	...	...
To other irrigation organizations only.....organizations...	2	1	1	...	...	...	...
acre-feet...	24,607	6,300	18,307	...	...	...	...
Part of water from other organizations.....organizations...	12	5	4	3	...	...	...
Total water conveyed.....acre-feet...	40,680	2,070	10,634	27,976	...	...	...
From surface and ground water sources.....acre-feet...	8,729	[1]-185	[1]-1,556	10,470	...	...	...
From other irrigation organizations.....acre-feet...	31,951	2,255	12,190	17,506	...	...	...
Water delivered.....acre-feet...	38,215	1,863	8,638	27,714	...	...	...
To farm and residential users only.....organizations...	11	5	4	2	...	...	...
acre-feet...	22,267	1,863	8,638	11,766	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	1	...	...	1	...	...	...
Water to farm and residential users.....acre-feet...	9,900	...	...	9,900	...	...	...
Water to other irrigation organizations.....acre-feet...	6,048	...	...	6,048	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	23	7	9	7	...	...	...
Total water conveyed.....acre-feet...	45,935	1,658	16,153	28,124	...	...	...
Water delivered.....acre-feet...	38,015	1,600	8,822	27,593	...	...	...
To farm and residential users only.....organizations...	22	7	8	7	...	...	...
acre-feet...	37,260	1,600	8,067	27,593	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	1	...	1	...	...	...	...
Water to farm and residential users.....acre-feet...	505	...	505	...	...	...	...
Water to other irrigation organizations.....acre-feet...	250	...	250	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	3	...	...	2	1	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	301	185	54	53	2	5	7
acres served...	840,631	36,815	47,530	235,375	380,366	126,640	140,545
acres irrigated...	746,002	32,803	42,547	204,740	333,179	111,772	132,733
water delivered to farms (acre-feet)...	3,291,955	152,369	200,517	843,348	1,273,834	458,229	821,887
acre-feet per acre...	4.4	4.6	4.7	4.1	3.8	4.1	6.2
Organizations reporting water from other sources used on land served by the organization.....organizations...	44	23	11	10	...	2	...
acres served...	112,501	18,973	14,447	79,081	...	62,438	...
acres irrigated...	105,671	17,683	14,104	73,884	...	58,140	...
water delivered to farms (acre-feet)...	421,033	77,353	44,242	299,438	...	246,400	...
acre-feet per acre...	4.0	4.4	3.1	4.0	...	4.2	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	117	46	30	36	3	7	2
By U. S. B. R.....dollars...	196,054,785	...	...	8,574,705	187,480,080	8,574,705	...
By water users organizations.....dollars...	4,713,569	148,634	753,763	1,534,940	...	815,450	2,276,232

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Washington, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	347	209	66	63	2	7	7
acre-feet...	4,922,092	276,123	355,270	1,374,718	1,933,708	860,011	982,273
From another drainage basin.....organizations...	3	...	1	2	...	...	...
acre-feet...	67,703	...	36,841	30,862	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	322	202	56	55	2	7	7
acre-feet...	4,854,389	276,123	318,429	1,343,856	1,933,708	860,011	982,273
Surface water.....organizations...	303	190	53	51	2	9	7
acre-feet...	4,733,940	270,224	304,632	1,331,013	1,846,108	860,011	981,963
Ground water.....organizations...	27	16	4	5	1	...	1
acre-feet...	120,449	5,899	13,797	12,843	87,600	...	310
From other organizations in the basin.....organizations receiving...	34	12	13	9	...	...	...
acre-feet...	62,388	3,913	28,343	30,132	...	...	...
Total leaving conveyance systems.....organizations...	347	209	66	63	2	7	7
acre-feet...	4,922,092	272,996	350,151	1,385,622	1,931,050	860,011	982,273
Conveyance loss in basin.....organizations...	261	153	60	41	2	6	5
acre-feet...	1,153,487	37,162	74,475	233,398	656,916	150,139	151,536
Conveyed to another drainage basin.....organizations...	1	...	...	1	...	...	...
acre-feet...	4,364	...	...	4,364	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	346	208	66	63	2	7	7
acre-feet...	3,764,241	235,834	275,676	1,147,860	1,274,134	709,872	830,737
To farm irrigation water users.....organizations...	345	208	65	63	2	7	7
acre-feet...	3,697,304	229,722	244,759	1,127,102	1,273,834	704,629	821,887
To domestic water users.....organizations...	45	4	20	20	...	3	1
acre-feet...	37,836	241	8,752	20,343	...	4,900	8,500
For other use.....organizations...	21	8	9	2	1	1	1
acre-feet...	29,101	5,871	22,165	415	300	343	350
Delivered to other irrigation organizations.....organizations delivering...	10	2	4	3	1	...	...
acre-feet...	62,388	7,040	33,462	19,228	2,658	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	5	1	1	2	1	...	...
1 to 3 water users.....organizations...	105	102	3	...	...	...	...
4 to 9 water users.....organizations...	84	73	7	3	...	...	1
10 to 29 water users.....organizations...	70	26	27	16	...	2	1
30 to 99 water users.....organizations...	47	5	20	19	...	...	3
100 to 299 water users.....organizations...	18	2	6	10	...	...	...
300 to 999 water users.....organizations...	13	...	2	10	...	5	1
1,000 or more water users.....organizations...	8	...	...	5	2	...	1
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	5	1	1	2	1	...	...
1 to 299 acre-feet.....organizations...	93	83	6	4	...	...	...
300 to 999 acre-feet.....organizations...	99	73	15	10	...	...	1
1,000 to 2,999 acre-feet.....organizations...	73	40	16	16	...	2	1
3,000 to 9,999 acre-feet.....organizations...	46	9	21	14	...	...	2
10,000 to 29,999 acre-feet.....organizations...	23	2	7	12	...	1	2
30,000 to 99,999 acre-feet.....organizations...	6	1	...	5	...	2	...
100,000 or more acre-feet.....organizations...	5	...	...	2	2	2	1
Size of organization (acre-feet of water conveyed):							
None.....organizations...	3	...	...	2	1	...	...
1 to 299 acre-feet.....organizations...	78	73	3	2	...	...	...
300 to 999 acre-feet.....organizations...	101	78	12	11	...	...	...
1,000 to 2,999 acre-feet.....organizations...	69	40	14	14	...	2	1
3,000 to 9,999 acre-feet.....organizations...	53	14	22	15	...	...	2
10,000 to 29,999 acre-feet.....organizations...	31	2	14	12	...	1	3
30,000 to 99,999 acre-feet.....organizations...	10	2	1	7	...	2	...
100,000 or more acre-feet.....organizations...	5	...	...	2	2	2	1

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water in the basin or State.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Columbia River below Snake River (I-B)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	70	52	8	10	...	...	...
1949...	97	75	11	11	...	...	...
Service area, 1959:							
Area served, as reported by organizations.....acres...	29,860	9,411	13,215	7,234	...	...	...
Area irrigated, as reported by organizations.....acres...	28,371	8,984	12,735	6,652	...	...	...
Water users served, 1959, total.....water users...	1,422	368	201	853	...	...	...
Farm irrigation water users.....water users...	1,109	368	196	545	...	...	...
Residential water users.....water users...	313	...	5	308	...	...	...
Other water users.....water users...	...	...	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	70	52	8	10	...	...	...
Total water conveyed.....acre-feet...	132,111	37,274	60,960	33,877	...	...	...
Water delivered.....acre-feet...	110,197	35,989	46,940	27,268	...	...	...
To farm and residential users only.....organizations...	70	52	8	10	...	...	...
acre-feet...	110,197	35,989	46,940	27,268	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
From surface and ground water sources.....acre-feet...	...	...	...	...	...	...	...
From other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	64	50	6	8	...	...	...
acres served...	17,957	8,917	5,015	4,025	...	...	...
acres irrigated...	16,768	8,490	4,535	3,743	...	...	...
water delivered to farms (acre-feet)...	70,811	35,147	20,711	14,953	...	...	...
acre-feet per acre...	4.2	4.1	4.6	4.0	...	...	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	6	2	2	2	...	...	...
acres served...	16,103	494	8,200	7,409	...	...	...
acres irrigated...	15,524	494	8,200	6,830	...	...	...
water delivered to farms (acre-feet)...	54,292	842	26,220	27,230	...	...	...
acre-feet per acre...	3.5	1.7	3.2	4.0	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	9	2	1	6	...	...	...
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	121,541	9,360	28,000	84,181	...	...	...

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Columbia River below Snake River (I-B)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	70	52	8	10	...	...	...
acre-feet...	132,111	37,274	60,960	33,877	...	...	...
From another drainage basin.....organizations...	1	...	...	1	...	...	...
acre-feet...	15,364	...	...	15,364	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	69	52	8	9	...	...	...
acre-feet...	116,747	37,274	60,960	18,513	...	...	...
Surface water.....organizations...	67	51	8	8	...	...	...
acre-feet...	115,564	36,587	60,960	18,017	...	...	...
Ground water.....organizations...	5	4	...	1	...	...	...
acre-feet...	1,183	687	...	496	...	...	...
From other organizations in the basin.....organizations receiving...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Total leaving conveyance systems.....organizations...	70	52	8	10	...	...	...
acre-feet...	132,111	37,274	60,960	33,877	...	...	...
Conveyance loss in basin.....organizations...	40	27	7	6	...	...	...
acre-feet...	17,550	1,285	14,020	2,245	...	...	...
Conveyed to another drainage basin.....organizations...	1	...	...	1	...	...	...
acre-feet...	4,364	...	...	4,364	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	70	52	8	10	...	...	...
acre-feet...	110,197	35,989	46,940	27,268	...	...	...
To farm irrigation water users.....organizations...	70	52	8	10	...	...	...
acre-feet...	109,419	35,989	46,931	26,499	...	...	...
To domestic water users.....organizations...	4	...	1	3	...	...	...
acre-feet...	778	...	9	769	...	...	...
For other use.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Delivered to other irrigation organizations.....organizations delivering...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	...	...	...	...	...	...	...
1 to 3 water users.....organizations...	13	13	...	...	...	...	...
4 to 9 water users.....organizations...	30	28	...	2	...	...	...
10 to 29 water users.....organizations...	21	10	6	5	...	...	...
30 to 99 water users.....organizations...	5	1	2	2	...	...	...
100 to 299 water users.....organizations...	...	...	...	...	...	...	...
300 to 999 water users.....organizations...	1	...	...	1	...	...	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	23	22	...	1	...	...	...
300 to 999 acre-feet.....organizations...	23	20	...	3	...	...	...
1,000 to 2,999 acre-feet.....organizations...	15	8	3	4	...	...	...
3,000 to 9,999 acre-feet.....organizations...	6	2	3	1	...	...	...
10,000 to 29,999 acre-feet.....organizations...	3	...	2	1	...	...	...
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	21	21	...	...	...	...	...
300 to 999 acre-feet.....organizations...	24	20	...	4	...	...	...
1,000 to 2,999 acre-feet.....organizations...	14	9	2	3	...	...	...
3,000 to 9,999 acre-feet.....organizations...	7	2	3	2	...	...	...
10,000 to 29,999 acre-feet.....organizations...	4	...	3	1	...	...	...
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...

State Table 4.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Con.

Item (For definitions and explanations, see text)	Columbia River above Snake River excluding Yakima River (I-C)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	149	81	25	39	1	4	3
1949...	171	98	29	40	1	...	3
Service area, 1959:							
Area served, as reported by organizations.....acres...	422,307	13,720	12,376	86,553	307,855	27,069	1,803
Area irrigated, as reported by organizations.....acres...	354,562	10,349	10,013	66,071	267,085	13,750	1,044
Water users served, 1959, total.....water users...	31,738	548	4,705	23,931	2,496	7,331	58
Farm irrigation water users:.....water users...	13,211	479	1,160	9,023	2,491	804	58
Residential water users.....water users...	18,509	69	3,545	14,895	...	6,527	...
Other water users.....water users...	18	...	...	13	5	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	121	69	19	29	1	4	3
Total water conveyed.....acre-feet...	2,099,024	48,309	104,980	333,715	1,601,900	83,199	10,120
Water delivered.....acre-feet...	1,422,531	39,376	64,800	251,938	1,060,000	57,649	6,417
To farm and residential users only.....organizations...	116	68	17	27	1	4	3
acre-feet...	1,343,988	38,036	45,453	194,082	1,060,000	57,649	6,417
To farm and residential users and other irrigation organizations.....organizations...	4	1	1	2	...	...	...
Water to farm and residential users.....acre-feet...	45,411	600	135	44,676	...	...	...
Water to other irrigation organizations.....acre-feet...	14,825	740	905	13,180	...	...	...
To other irrigation organizations only.....organizations...	1	...	1	...	...	...	...
acre-feet...	18,307	...	18,307	...	...	...	...
Part of water from other organizations.....organizations...	11	5	3	3	...	...	...
Total water conveyed.....acre-feet...	38,145	2,070	8,099	27,976	...	...	...
From surface and ground water sources.....acre-feet...	12,194	1-185	1,909	10,470	...	...	...
From other irrigation organizations.....acre-feet...	25,951	2,255	6,190	17,506	...	...	...
Water delivered.....acre-feet...	36,280	1,863	6,703	27,714	...	...	...
To farm and residential users only.....organizations...	10	5	3	2	...	...	...
acre-feet...	20,332	1,863	6,703	11,766	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	1	...	...	1	...	...	...
Water to farm and residential users.....acre-feet...	9,900	...	...	9,900	...	...	...
Water to other irrigation organizations.....acre-feet...	6,048	...	...	6,048	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	16	7	3	6	...	...	...
Total water conveyed.....acre-feet...	28,977	1,658	1,853	25,466	...	...	...
Water delivered.....acre-feet...	28,725	1,600	1,659	25,466	...	...	...
To farm and residential users only.....organizations...	15	7	2	6	...	...	...
acre-feet...	27,970	1,600	904	25,466	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	1	...	1	...	...	...	...
Water to farm and residential users.....acre-feet...	505	...	505	...	...	...	...
Water to other irrigation organizations.....acre-feet...	250	...	250	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	1	...	...	1	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	130	74	20	32	1	3	3
acres served...	408,059	12,161	10,559	75,681	307,855	22,031	1,803
acres irrigated...	342,839	9,950	8,203	56,557	267,085	9,750	1,044
water delivered to farms (acre-feet)...	1,401,938	40,521	44,755	250,245	1,060,000	42,949	6,417
acre-feet per acre...	4.1	4.1	5.5	4.4	4.0	4.4	6.1
Organizations reporting water from other sources used on land served by the organization.....organizations...	17	7	4	6	...	1	...
acres served...	14,248	1,559	1,817	10,872	...	5,038	...
acres irrigated...	11,723	399	1,810	9,514	...	4,000	...
water delivered to farms (acre-feet)...	31,014	1,340	4,616	25,058	...	11,400	...
acre-feet per acre...	2.6	3.3	2.5	2.6	...	2.8	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	57	23	12	20	1	4	1
By U. S. B. R.....dollars...	5,103,572	...	...	5,103,572	...	57,103,662	...
By water users organizations.....dollars...	186,862,505	93,359	567,537	675,377	185,500,000	105,260	26,232

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Columbia River above Snake River excluding Yakima River (I-C)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	148	81	25	38	1	4	3
acre-feet...	2,126,716	48,124	106,889	359,683	1,601,900	83,199	10,120
From another drainage basin.....organizations...	3	...	1	2	...	1	...
acre-feet...	117,095	...	36,841	80,254	...	64,756	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	130	74	21	31	1	3	3
acre-feet...	2,009,621	48,124	70,048	279,429	1,601,900	18,443	10,120
Surface water.....organizations...	117	67	18	28	1	3	3
acre-feet...	1,898,310	46,123	58,651	269,116	1,514,300	18,443	10,120
Ground water.....organizations...	15	8	3	3	1	...	...
acre-feet...	111,311	2,001	11,397	10,313	87,600	...	...
From other organizations in the basin.....organizations receiving...	26	12	6	8	...	...	...
acre-feet...	39,430	3,913	8,043	27,474	...	...	...
Total leaving conveyance systems.....organizations...	148	81	25	38	1	4	3
acre-feet...	2,126,716	51,297	95,470	367,929	1,601,900	83,199	10,120
Conveyance loss in basin.....organizations...	101	55	21	21	1	2	3
acre-feet...	676,375	9,183	39,922	81,967	541,600	25,550	3,703
Conveyed to another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	148	81	25	38	1	4	3
acre-feet...	1,450,341	42,114	55,548	285,962	1,060,300	57,649	6,417
To farm irrigation water users.....organizations...	147	81	24	38	1	4	3
acre-feet...	1,432,952	41,861	49,371	275,303	1,060,000	54,349	6,417
To domestic water users.....organizations...	20	3	7	10	...	2	...
acre-feet...	15,154	238	4,329	10,587	...	3,300	...
For other use.....organizations...	5	1	2	1	1	...	...
acre-feet...	2,235	15	1,848	72	300	...	...
Delivered to other irrigation organizations.....organizations delivering...	7	1	3	3	...	...	...
acre-feet...	39,430	740	19,462	19,228	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	2	...	1	1	...	...	...
1 to 3 water users.....organizations...	49	48	1	...	...	...	...
4 to 9 water users.....organizations...	28	22	4	1	...	...	1
10 to 29 water users.....organizations...	27	8	9	9	...	...	1
30 to 99 water users.....organizations...	26	3	8	14	...	2	1
100 to 299 water users.....organizations...	7	...	1	6	...	...	...
300 to 999 water users.....organizations...	6	...	1	5	...	2	...
1,000 or more water users.....organizations...	4	...	...	3	1	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	2	...	1	1	...	...	...
1 to 299 acre-feet.....organizations...	53	47	3	3	...	...	...
300 to 999 acre-feet.....organizations...	44	27	9	7	...	...	1
1,000 to 2,999 acre-feet.....organizations...	24	6	6	11	...	2	1
3,000 to 9,999 acre-feet.....organizations...	15	...	6	8	...	...	1
10,000 to 29,999 acre-feet.....organizations...	8	1	...	7	...	1	...
30,000 to 99,999 acre-feet.....organizations...	2	...	...	2	...	1	...
100,000 or more acre-feet.....organizations...	1	...	...	...	1	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	1	...	...	1	...	...	...
1 to 299 acre-feet.....organizations...	44	40	2	2	...	...	...
300 to 999 acre-feet.....organizations...	47	31	9	7	...	...	...
1,000 to 2,999 acre-feet.....organizations...	23	8	4	10	...	2	1
3,000 to 9,999 acre-feet.....organizations...	19	1	7	9	...	...	2
10,000 to 29,999 acre-feet.....organizations...	9	1	2	6	...	1	...
30,000 to 99,999 acre-feet.....organizations...	5	...	1	4	...	1	...
100,000 or more acre-feet.....organizations...	1	...	...	...	1	...	...

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Yakima River (I-D)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	121	75	28	13	2	4	3
1949...	157	97	37	19	2	...	2
Service area, 1959:							
Area served, as reported by organizations.....acres...	(D)	32,277	(D)	203,411	72,511	162,009	136,682
Area irrigated, as reported by organizations.....acres...	(D)	30,833	(D)	193,280	66,094	156,162	129,629
Water users served, 1959, total.....water users...	(D)	954	(D)	13,977	1,045	6,459	2,728
Farm irrigation water users:.....water users...	(D)	671	(D)	7,738	1,045	5,833	2,728
Residential water users.....water users...	(D)	277	(D)	6,141	...	625	...
Other water users.....water users...	(D)	6	(D)	98	...	1	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	111	75	21	11	1	3	3
Total water conveyed.....acre-feet...	(D)	187,725	(D)	988,464	331,808	841,568	953,753
Water delivered.....acre-feet...	(D)	155,175	(D)	781,874	216,492	651,880	810,470
To farm and residential users only.....organizations...	108	74	20	11	...	3	3
acre-feet...	(D)	148,875	(D)	781,874	...	651,880	810,470
To farm and residential users and other irrigation organizations.....organizations...	2	...	1	...	1	...	...
Water to farm and residential users.....acre-feet...	(D)	...	(D)	...	213,834	...	...
Water to other irrigation organizations.....acre-feet...	(D)	...	(D)	...	2,658	...	...
To other irrigation organizations only.....organizations...	1	1	...	...	...	...	...
acre-feet...	(D)	6,300	...	...	...	...	...
Part of water from other organizations.....organizations...	1	...	1	...	...	...	...
Total water conveyed.....acre-feet...	(D)	...	(D)	...	...	...	...
From surface and ground water sources.....acre-feet...	(D)	...	(D)	...	...	...	...
From other irrigation organizations.....acre-feet...	(D)	...	(D)	...	...	...	...
Water delivered.....acre-feet...	(D)	...	(D)	...	...	...	...
To farm and residential users only.....organizations...	1	...	1	...	...	...	...
acre-feet...	(D)	...	(D)	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	7	...	6	1	...	...	...
Total water conveyed.....acre-feet...	(D)	...	(D)	2,658	...	...	...
Water delivered.....acre-feet...	(D)	...	(D)	2,127	...	...	...
To farm and residential users only.....organizations...	7	...	6	1	...	...	...
acre-feet...	(D)	...	(D)	2,127	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	2	...	...	1	1	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	98	60	24	10	1	1	3
acres served...	(D)	15,357	(D)	161,782	72,511	84,609	136,682
acres irrigated...	(D)	14,043	(D)	144,831	66,094	82,022	129,629
water delivered to farms (acre-feet)...	(D)	73,701	(D)	571,688	213,834	415,280	810,470
acre-feet per acre...	(D)	5.2	(D)	3.9	3.2	5.1	6.3
Organizations reporting water from other sources used on land served by the organization.....organizations...	20	14	4	2	...	1	...
acres served...	(D)	16,920	(D)	60,800	...	57,400	...
acres irrigated...	(D)	16,790	(D)	57,540	...	54,140	...
water delivered to farms (acre-feet)...	(D)	75,171	(D)	247,150	...	235,000	...
acre-feet per acre...	(D)	4.5	(D)	4.3	...	4.3	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	48	20	16	9	2	4	1
By U. S. B. R.....dollars...	(D)	...	...	2,660,693	...	2,655,593	...
By water users organizations.....dollars...	(D)	45,029	(D)	1,578,158	1,980,080	710,910	2,250,000

See footnote at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Yakima River (I-D)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	119	75	28	12	1	4	3
acre-feet...	(D)	187,725	(D)	988,464	331,808	841,568	953,753
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	112	75	22	11	1	4	3
acre-feet...	(D)	187,725	(D)	988,464	331,808	841,568	953,753
Surface water.....organizations...	108	71	22	11	1	4	3
acre-feet...	(D)	184,514	(D)	986,430	331,808	841,568	953,753
Ground water.....organizations...	6	4	1	1	...	...	...
acre-feet...	(D)	3,211	(D)	2,034	...	...	...
From other organizations in the basin.....organizations receiving...	8	...	7	1	...	...	...
acre-feet...	(D)	...	(D)	2,658	...	...	...
Total leaving conveyance systems.....organizations...	119	75	28	12	1	4	3
acre-feet...	(D)	181,425	(D)	991,122	329,150	841,568	953,753
Conveyance loss in basin.....organizations...	111	71	27	11	1	4	1
acre-feet...	(D)	26,694	(D)	142,022	115,316	124,589	143,283
Conveyed to another drainage basin.....organizations...	1	...	...	1	...	1	...
acre-feet...	(D)	...	...	64,756	...	64,756	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	117	74	28	11	1	3	3
acre-feet...	(D)	154,731	(D)	784,344	213,834	652,223	810,470
To farm irrigation water users.....organizations...	117	74	28	11	1	3	3
acre-feet...	(D)	148,872	(D)	778,332	213,834	650,280	810,470
To domestic water users.....organizations...	15	1	9	5	...	1	...
acre-feet...	(D)	3	(D)	5,669	...	1,600	...
For other use.....organizations...	14	7	6	1	...	1	...
acre-feet...	(D)	5,856	(D)	343	...	343	...
Delivered to other irrigation organizations.....organizations delivering...	3	1	1	...	1	...	...
acre-feet...	(D)	6,300	(D)	...	2,658	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	(D)	1	(D)	2	1	...	...
1 to 3 water users.....organizations...	(D)	41	(D)	...	...	...	...
4 to 9 water users.....organizations...	(D)	22	(D)	...	...	...	...
10 to 29 water users.....organizations...	(D)	8	(D)	1	...	...	...
30 to 99 water users.....organizations...	(D)	1	(D)	2	...	...	2
100 to 299 water users.....organizations...	(D)	2	(D)	2	...	...	...
300 to 999 water users.....organizations...	(D)	...	(D)	4	...	1	...
1,000 or more water users.....organizations...	(D)	...	(D)	2	1	3	1
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	(D)	1	(D)	2	1	1	...
1 to 299 acre-feet.....organizations...	(D)	14	(D)	...	...	...	...
300 to 999 acre-feet.....organizations...	(D)	26	(D)	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	(D)	26	(D)	1	...	...	...
3,000 to 9,999 acre-feet.....organizations...	(D)	6	(D)	4	...	...	...
10,000 to 29,999 acre-feet.....organizations...	(D)	1	(D)	1	...	...	2
30,000 to 99,999 acre-feet.....organizations...	(D)	1	(D)	3	...	1	...
100,000 or more acre-feet.....organizations...	(D)	...	(D)	2	1	2	1
Size of organization (acre-feet of water conveyed):							
None.....organizations...	(D)	...	(D)	1	1	...	...
1 to 299 acre-feet.....organizations...	(D)	12	(D)	...	...	...	...
300 to 999 acre-feet.....organizations...	(D)	27	(D)	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	(D)	23	(D)	1	...	...	...
3,000 to 9,999 acre-feet.....organizations...	(D)	10	(D)	3	...	...	...
10,000 to 29,999 acre-feet.....organizations...	(D)	1	(D)	2	...	...	2
30,000 to 99,999 acre-feet.....organizations...	(D)	2	(D)	4	...	2	...
100,000 or more acre-feet.....organizations...	(D)	...	(D)	2	1	2	1

D Data not shown to avoid disclosure of information for individual organizations.

State Table 5.--NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Washington, total				Columbia River below Snake River (1-B)			
		Size of organization, by total water conveyed							
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations.....organizations...	182	122	41	5	45	21	4	...
	TYPE OF SERVICE								
2	All water directly from surface and ground sources.....organizations...	162	106	39	5	45	21	4	...
3	Total water conveyed.....acre-feet...	61,029	352,144	948,023	3,536,669	15,274	57,616	59,221	...
4	Water delivered.....acre-feet...	54,680	303,726	728,890	2,634,002	14,781	53,596	41,820	...
5	To farm and residential users only.....organizations...	162	103	35	4	45	21	4	...
6	acre-feet...	54,680	295,046	637,977	2,417,510	14,781	53,596	41,820	...
7	To farm and residential users and other irrigation organizations.....organizations...	...	2	3	1	...	...	...	...
8	Water to farm and residential users.....acre-feet...	...	735	45,426	213,834	...	...	...	...
9	Water to other irrigation organizations.....acre-feet...	...	1,645	27,180	2,658	...	...	...	...
10	To other irrigation organizations only.....organizations...	...	1	1	...	...	...	...	...
11	acre-feet...	...	6,300	18,307	...	...	...	...	...
12	Part of water from other organizations.....organizations...	6	5	1	...	...	...	...	...
13	Total water conveyed.....acre-feet...	2,205	22,527	15,948	...	...	...	...	...
14	From surface and ground water sources.....acre-feet...	[1]-192	1,790	7,131	...	...	...	...	...
15	From other irrigation organizations.....acre-feet...	2,397	20,737	8,817	...	...	...	...	...
16	Water delivered.....acre-feet...	1,998	20,269	15,948	...	...	...	...	...
17	To farm and residential users only.....organizations...	6	5	...	...	...	...	...	...
18	acre-feet...	1,998	20,269	...	...	...	...	...	...
19	To farm and residential users and other irrigation organizations.....organizations...	...	...	1	...	...	...	...	...
20	Water to farm and residential users.....acre-feet...	...	...	9,900	...	...	...	...	...
21	Water to other irrigation organizations.....acre-feet...	...	...	6,048	...	...	...	...	...
22	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...
24	All of water from other organizations.....organizations...	11	11	1	...	...	...	...	...
25	Total water conveyed.....acre-feet...	3,761	26,676	15,498	...	...	...	...	...
26	Water delivered.....acre-feet...	3,509	19,008	15,498	...	...	...	...	...
27	To farm and residential users only.....organizations...	10	11	1	...	...	...	...	...
28	acre-feet...	2,754	19,008	15,498	...	...	...	...	...
29	To farm and residential users and other irrigation organizations.....organizations...	1	...	...	...	...	...	...	...
30	Water to farm and residential users.....acre-feet...	505	...	...	...	...	...	...	...
31	Water to other irrigation organizations.....acre-feet...	250	...	...	...	...	...	...	...
32	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...	...	...
34	No water conveyed.....organizations...	3	...	...	...	...	...	...	...
	WATER FROM OTHER SOURCES								
35	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	160	105	32	4	43	20	1	...
36	acres served...	18,086	81,048	150,839	590,658	4,593	12,564	800	...
37	acres irrigated...	15,507	69,133	127,370	533,992	4,194	11,774	800	...
38	Organizations reporting water from other sources used on land served by the organization.....organizations...	19	16	8	1	2	1	3	...
39	acres served...	4,557	9,354	41,190	57,400	494	409	15,200	...
40	acres irrigated...	2,951	9,007	39,573	54,140	494	409	14,621	...
	NEW CAPITAL INVESTMENT, 1950-1959								
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	53	34	25	5	4	3	2	...
42	dollars...	1,022,502	2,770,995	7,577,039	189,397,818	35,166	38,375	48,000	...
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
43	Total entering conveyance systems in basin.....organizations...	179	122	41	5	45	21	4	...
44	acre-feet...	60,837	353,934	970,652	3,536,669	15,274	57,616	59,221	...
45	From another drainage basin.....organizations...	...	...	3	...	...	...	1	...
46	acre-feet...	...	...	67,703	...	...	...	15,364	...
47	From Drainage Basin number.....D. B. No....	...	...	...	...	...	...	...	...
48	From natural sources within basin.....organizations...	168	111	38	5	45	21	3	...
49	acre-feet...	60,837	353,934	902,949	3,536,669	15,274	57,616	43,857	...
50	Surface water.....organizations...	152	109	37	5	43	21	3	...
51	acre-feet...	54,375	338,365	892,131	3,449,069	14,091	57,616	43,857	...
52	Ground water.....organizations...	20	4	2	1	5	...	...	...
53	acre-feet...	6,462	15,569	10,818	87,600	1,183	...	...	...
54	*From other organizations in the basin*.....*organizations receiving*...	17	16	1	...	...	...	...	...
55	*acre-feet*...	6,158	47,413	8,817	...	...	...	...	...
56	Total leaving conveyance systems.....organizations...	179	122	41	5	45	21	4	...
57	acre-feet...	66,745	393,402	927,934	3,534,011	15,274	57,616	59,221	...
58	Conveyance loss in basin.....organizations...	116	104	36	5	19	17	4	...
59	acre-feet...	6,663	50,320	194,480	902,024	493	4,020	13,037	...
60	Conveyed to another drainage basin.....organizations...	...	...	1	...	...	...	1	...
61	acre-feet...	...	...	4,364	...	...	...	4,364	...
62	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...
63	Delivered for use in the basin.....organizations...	179	121	41	5	45	21	4	...
64	acre-feet...	60,082	343,082	729,090	2,631,987	14,781	53,596	41,820	...
65	To farm irrigation water users.....organizations...	179	121	40	5	45	21	4	...
66	acre-feet...	58,792	330,261	676,907	2,631,344	14,012	53,587	41,820	...
67	To residential water users.....organizations...	14	12	19	...	3	1	...	...
68	acre-feet...	1,145	4,797	31,894	...	769	9	...	...
69	For other use.....organizations...	3	9	7	2	...	...	...	...
70	acre-feet...	145	8,024	20,289	643	...	...	...	...
71	*Delivered to other irrigation organizations*.....*organizations delivering*...	1	3	5	1	...	...	...	...
72	*acre-feet*...	250	7,945	51,535	2,658	...	...	...	...
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959								
	Per acre irrigated, as reported by irrigation organization:								
73	All organizations.....acre-feet...	2.3	4.2	4.3	4.5	1.9	4.4	4.6	...
74	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	160	105	32	4	43	20	1	...
75	acre-feet...	3.4	4.2	4.3	4.5	3.1	4.4	7.0	...

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	Columbia River above Snake River excluding Yakima River (1-C)			Yakima River (1-D)			
		Size of organization, by total water conveyed						
		0-999 acre-feet	1,000-9,999 acre-feet	10,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations....organizations...	92	42	15	45	55	17	4
	TYPE OF SERVICE							
2	All water directly from surface and ground sources....organizations...	74	34	13	43	47	17	4
3	Total water conveyed....acre-feet...	25,680	112,573	1,960,771	20,075	156,947	486,812	(D)
4	Water delivered....acre-feet...	22,786	91,941	1,307,804	17,113	135,298	345,240	(D)
5	To farm and residential users only....organizations...	74	32	10	43	46	16	3
6	acre-feet...	22,786	89,561	1,231,641	17,113	128,998	330,490	(D)
7	To farm and residential users and other irrigation organizations....organizations...	...	2	2	...	...	1	1
8	Water to farm and residential users....acre-feet...	...	735	44,676	...	...	750	(D)
9	Water to other irrigation organizations....acre-feet...	...	1,645	13,180	...	...	14,000	(D)
10	To other irrigation organizations only....organizations...	...	...	1	...	1	...	...
11	acre-feet...	...	...	18,307	...	6,300	...	...
12	Part of water from other organizations....organizations...	6	4	1	...	1	...	...
13	Total water conveyed....acre-feet...	2,205	19,992	15,948	...	2,535	...	...
14	From surface and ground water sources....acre-feet...	[1]-192	5,255	7,131	...	[1]-3,465	...	...
15	From other irrigation organizations....acre-feet...	2,397	14,737	8,817	...	6,000	...	...
16	Water delivered....acre-feet...	1,998	18,334	15,948	...	1,935	...	...
17	To farm and residential users only....organizations...	6	4	...	...	1	...	...
18	acre-feet...	1,998	18,334	...	...	1,935	...	...
19	To farm and residential users and other irrigation organizations....organizations...	...	...	1	...	...	...	...
20	Water to farm and residential users....acre-feet...	...	...	9,900	...	...	...	...
21	Water to other irrigation organizations....acre-feet...	...	...	6,048	...	...	...	...
22	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...
24	All of water from other organizations....organizations...	11	4	1	...	7	...	...
25	Total water conveyed....acre-feet...	3,761	9,718	15,498	...	16,958	...	...
26	Water delivered....acre-feet...	3,509	9,718	15,498	...	9,290	...	...
27	To farm and residential users only....organizations...	10	4	1	...	7	...	...
28	acre-feet...	2,754	9,718	15,498	...	9,290	...	...
29	To farm and residential users and other irrigation organizations....organizations...	1	...	...	...	...	...	...
30	Water to farm and residential users....acre-feet...	505	...	...	...	...	...	...
31	Water to other irrigation organizations....acre-feet...	250	...	...	...	...	...	...
32	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...	...
34	No water conveyed....organizations...	1	...	...	2	...	...	...
	WATER FROM OTHER SOURCES							
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	81	37	12	36	45	14	3
36	acres served...	8,183	32,219	367,657	5,310	33,506	90,662	(D)
37	acres irrigated...	6,617	26,517	309,705	4,696	28,422	79,011	(D)
38	Organizations reporting water from other sources used on land served by the organization....organizations...	10	5	2	7	9	3	1
39	acres served...	2,931	2,727	8,590	1,132	5,018	17,400	(D)
40	acres irrigated...	1,771	2,400	7,552	686	4,998	17,400	(D)
	NEW CAPITAL INVESTMENT, 1950-1959							
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	32	13	12	17	16	11	4
42	dollars...	245,817	2,670,997	189,049,263	1,876,256	40,037	3,972,112	(D)
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
43	Total entering conveyance systems in basin....organizations...	91	42	15	43	55	17	4
44	acre-feet...	25,488	117,828	1,983,400	20,075	153,482	486,812	(D)
45	From another drainage basin....organizations...	...	...	3	...	...	...	...
46	acre-feet...	...	...	117,095	...	...	...	...
47	From Drainage Basin number....D. B. No....	...	...	...	...	...	...	...
48	From natural sources within basin....organizations...	80	38	12	43	48	17	4
49	acre-feet...	25,488	117,828	1,866,305	20,075	153,482	486,812	(D)
50	Surface water....organizations...	69	37	11	40	47	17	4
51	acre-feet...	21,620	108,493	1,768,197	18,664	147,248	486,812	(D)
52	Ground water....organizations...	12	1	2	3	3	...	...
53	acre-feet...	3,868	9,335	98,108	1,411	6,234	...	...
54	*From other organizations in the basin....organizations receiving...*	17	8	1	...	8	...	...
55	*acre-feet...*	6,158	24,455	8,817	...	22,958	...	...
56	Total leaving conveyance systems....organizations...	91	42	15	43	55	17	4
57	acre-feet...	31,396	140,638	1,954,682	20,075	170,140	472,812	(D)
58	Conveyance loss in basin....organizations...	57	31	13	40	53	14	4
59	acre-feet...	3,240	22,218	650,917	2,930	21,965	58,762	(D)
60	Conveyed to another drainage basin....organizations...	...	...	...	...	...	1	...
61	acre-feet...	...	...	...	...	...	64,756	...
62	To drainage basin number....D. B. No....	...	...	...	...	...	...	...
63	Delivered for use in the basin....organizations...	91	42	15	43	54	16	4
64	acre-feet...	28,156	118,420	1,303,765	17,145	148,175	349,294	(D)
65	To farm irrigation water users....organizations...	91	42	14	43	54	16	4
66	acre-feet...	27,730	115,807	1,289,415	17,050	138,051	323,749	(D)
67	To residential water users....organizations...	9	5	6	2	5	8	...
68	acre-feet...	313	2,541	12,300	63	2,172	7,491	...
69	For other use....organizations...	2	1	2	1	8	4	1
70	acre-feet...	113	72	2,050	32	7,952	18,054	(D)
71	*Delivered to other irrigation organizations....organizations delivering...*	1	2	4	...	1	1	1
72	*acre-feet...*	250	1,645	37,535	...	6,300	14,000	(D)
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959							
	Per acre irrigated, as reported by irrigation organization:							
73	All organizations....acre-feet...	1.3	4.0	4.1	3.2	4.1	3.7	(D)
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	81	37	12	36	45	14	3
75	acre-feet...	3.9	4.1	3.7	3.1	4.1	3.7	(D)

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

WYOMING

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State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS

	Item (For definitions and explanations, see text)	The State	North Pacific Coast (Snake River) (I-H)				Great Basin (Bear River) (III-E)		
			Total	Gros Ventre River and Snake River direct (1b, 5)	Henrys Fork (Upper Teton River) (3b)	Salt River (4)	Total	Below Woodruff, Utah (1b)	Above Woodruff (1c)
1	Total acres irrigated in Census year.....1959...	1,469,911	65,000	26,000	3,000	36,000	51,000	20,000	31,000
2	1949...	1,474,835	66,689	24,979	2,447	39,263	55,903	27,402	28,501
3	Irrigation organizations.....organizations 1959...	686	83	14	9	61	37	4	33
4	1949...	693	107	15	6	86	23	7	16
	Service area, 1959:								
5	Farm area reported served by organizations.....acres 1959...	1,166,907	59,752	8,705	2,128	48,919	33,503	4,692	28,811
6	Farm area reported irrigated by organizations.....acres 1959...	1,057,540	54,498	8,497	2,047	43,954	33,503	4,692	28,811
7	Water users served, total.....water users 1959...	10,347	821	57	20	744	229	39	190
8	Farm irrigation water users.....water users 1959...	8,962	728	57	20	651	229	39	190
9	Residential water users.....water users 1959...	1,373	93	...	...	93	...	...	...
10	Other water users.....water users 1959...	12	...	...	...	...	...	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959								
11	Ground water sources.....acres...	34,120	1,000	...	...	1,000	...	...	...
12	Surface water sources.....acres...	1,435,791	64,000	26,000	3,000	35,000	51,000	20,000	31,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
13	Total entering conveyance systems in basin.....organizations...	675	83	13	9	61	37	4	33
14	acre-feet...	4,900,254	474,779	108,450	31,383	334,946	101,928	28,067	73,861
15	From another drainage basin.....organizations...	3	...	...	...	...	1	...	1
16	acre-feet...	10,320	...	...	...	...	2,880	...	2,880
17	From drainage basin number.....D. B. No....	...	...	...	...	...	Utah III-E-1c	...	Utah III-E-1c
18	From natural sources within basin...organizations...	638	81	13	8	60	37	4	33
19	acre-feet...	4,889,934	474,779	108,450	31,383	334,946	99,048	28,067	70,981
20	Surface water.....organizations...	632	76	13	8	55	37	4	33
21	acre-feet...	4,883,524	470,829	108,450	31,383	330,996	99,048	28,067	70,981
22	Ground water.....organizations...	7	5	...	...	5	...	...	...
23	acre-feet...	6,410	3,950	...	...	3,950	...	...	...
24	*From other organizations in the basin.....organizations receiving...*	62	9	7	1	1	...	...	...
25	*acre-feet...*	515,707	37,340	25,920	1,160	10,260	...	...	...
26	Total leaving conveyance systems.....organizations...	675	83	13	9	61	37	4	33
27	acre-feet...	4,900,254	474,779	108,450	31,383	334,946	101,928	28,067	73,861
28	Conveyance loss in basin.....organizations...	653	81	13	8	60	37	4	33
29	acre-feet...	1,015,555	83,017	13,869	1,143	68,005	14,180	5,161	9,019
30	Conveyed to another drainage basin..organizations...	15	7	...	6	1	1	...	1
31	acre-feet...	579,444	26,069	...	23,194	2,875	6,360	...	6,360
32	To drainage basin number.....D. B. No....	...	...	...	(1)	Idaho I-H-4	...	...	(2)
33	Delivered for use in the basin.....organizations...	659	76	12	4	60	37	4	33
34	acre-feet...	3,305,255	365,693	94,581	7,046	264,066	81,388	22,906	58,482
35	To farm irrigation water users...organizations...	659	76	12	4	60	37	4	33
36	acre-feet...	3,278,182	356,581	94,581	7,046	254,954	81,388	22,906	58,482
37	To residential water users.....organizations...	29	8	...	...	8	...	...	...
38	acre-feet...	17,530	9,112	...	...	9,112	...	...	...
39	For other use.....organizations...	9	...	...	...	...	...	...	...
40	acre-feet...	9,543	...	...	...	...	...	...	...
41	*Delivered to other irrigation organizations.....organizations delivering...*	25	3	1	1	1	...	...	...
42	*acre-feet...*	515,707	37,340	25,920	1,160	10,260	...	...	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	3.1	6.5	11.1	3.4	5.8	2.4	4.9	2.0
	NEW CAPITAL INVESTMENT, 1950-1959								
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	379	45	7	7	31	12	2	10
45	dollars...	29,176,133	193,152	44,736	58,151	90,265	51,583	10,650	40,933

D Data not shown to avoid disclosure of information for individual organizations. [1]14,028 acre-feet to D. B. No. Idaho I-H-3b, 9,166 acre-feet to D. B. No. VI-D-5c.
[2]180 acre-feet to D. B. No. Utah III-E-1b, 6,180 acre-feet to D. B. No. Utah III-E-1c.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Gulf of California (Green River) (IV-E)									Mississippi River	Missouri River below Three Forks, Montana, excluding Platte and Yellowstone Rivers (VI-C)				
											Cheyenne River			
Total	Green River direct, Sandy Creek, and Horse Creek	Yampa River (Little Snake River)	Henrys Fork	Blacks Fork	La Barge Creek	Piney Creek	New Fork	Cottonwood Creek		Total[3]	Total	Cheyenne River direct	Belle Fourche River	
	(1, 11, 16)	(8b)	(9)	(10)	(12)	(13)	(14)	(15)				(5a)	(5b)	
271,000	57,000	17,000	19,000	74,000	6,000	43,000	40,000	15,000	1,083,000	19,000	19,000	12,000	7,000	1
260,924	48,407	15,653	21,005	74,494	6,101	31,559	48,307	15,398	1,091,319	12,169	11,969	9,523	2,446	2
67	7	13	5	26	...	4	12	...	499	2	2	...	2	3
40	7	4	3	17	...	4	5	...	524	2	2	...	2	4
169,048	28,159	14,104	7,710	55,265	...	4,091	59,719	...	904,604	(D)	(D)	...	(D)	5
143,783	24,020	14,104	6,376	50,003	...	3,629	45,651	...	825,756	(D)	(D)	...	(D)	6
625	103	77	29	267	...	11	138	...	8,672	(D)	(D)	...	(D)	7
604	103	77	29	246	...	11	138	...	7,401	(D)	(D)	...	(D)	8
21	...	...	...	21	...	...	...	...	1,259	...	...	...	...	9
...	...	...	...	...	...	...	...	...	12	...	...	...	...	10
2,000	1,000	...	...	1,000	...	...	...	...	31,000	2,000	2,000	2,000	...	11
269,000	56,000	17,000	19,000	73,000	6,000	43,000	40,000	15,000	1,052,000	17,000	17,000	10,000	7,000	12
67	7	13	5	26	...	4	12	...	488	1	1	...	1	13
491,309	93,658	37,132	13,590	111,251	...	13,648	222,030	...	3,832,238	(D)	(D)	...	(D)	14
2	...	...	2	...	...	...	...	...	...	...	...	...	...	15
7,440	...	...	7,440	...	...	...	...	...	...	...	...	...	...	16
...	...	...	Utah IV-E-9	...	...	...	...	...	...	...	...	...	...	17
65	7	13	3	26	...	4	12	...	455	1	1	...	1	18
483,869	93,658	37,132	6,150	111,251	...	13,648	222,030	...	3,832,238	(D)	(D)	...	(D)	19
65	7	13	3	26	...	4	12	...	454	1	1	...	1	20
483,869	93,658	37,132	6,150	111,251	...	13,648	222,030	...	3,829,778	(D)	(D)	...	(D)	21
...	...	...	...	...	...	...	...	...	2	...	...	...	...	22
...	...	...	...	...	...	...	...	...	2,460	...	...	...	...	23
1	...	...	...	1	...	...	...	...	52	...	...	...	...	24
800	...	...	...	800	...	...	...	...	477,567	...	...	...	...	25
67	7	13	5	26	...	4	12	...	488	1	1	...	1	26
491,309	93,658	37,132	13,590	111,251	...	13,648	222,030	...	3,832,238	(D)	(D)	...	(D)	27
63	7	12	5	24	...	3	12	...	472	1	1	...	1	28
69,003	15,500	7,679	2,142	7,682	...	2,120	33,880	...	849,355	(D)	(D)	...	(D)	29
1	...	1	...	...	...	...	...	...	6	1	1	...	1	30
4,038	...	4,038	...	...	...	...	...	...	542,977	(D)	(D)	...	(D)	31
...	...	Colorado IV-E-8b	...	...	...	...	...	...	...	...	...	...	S. Dak. VI-C-5b	32
67	7	13	5	26	...	4	12	...	479	1	1	...	1	33
418,268	78,158	25,415	11,448	103,569	...	11,528	188,150	...	2,439,906	(D)	(D)	...	(D)	34
67	7	13	5	26	...	4	12	...	479	1	1	...	1	35
418,058	78,158	25,415	11,448	103,359	...	11,528	188,150	...	2,422,155	(D)	(D)	...	(D)	36
2	...	...	...	2	...	...	...	...	19	...	...	...	...	37
210	...	...	...	210	...	...	...	...	8,208	...	...	...	...	38
...	...	...	...	...	...	...	...	...	9	...	...	...	...	39
...	...	...	...	...	...	...	...	...	9,543	...	...	...	...	40
1	...	...	...	1	...	...	...	...	21	...	...	...	...	41
800	...	...	...	800	...	...	...	...	477,567	...	...	...	...	42
2.9	3.2	1.8	1.8	2.1	...	3.2	4.1	...	2.9	(D)	(D)	...	(D)	43
39	3	3	4	16	...	4	9	...	283	2	2	...	2	44
335,861	9,160	13,350	7,200	77,566	...	7,350	221,235	...	28,595,537	(D)	(D)	...	(D)	45

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS,

	Item (For definitions and explanations, see text)	Platte River excluding South Platte River (North Platte River) (VI-D)								
		Total	North Platte River direct				Horse Creek	Laramie River			
			Total	Below Guernsey Reservoir (3b)	Guernsey Reservoir to Alcova Dam (3c)	Above Alcova Dam (3d)	(4)	Total	Laramie River direct (5a, c)	Chugwater Creek (5b)	Little Laramie River (5d)
1	Total acres irrigated in Census year.....1959...	498,000	165,000	67,000	49,000	49,000	22,000	162,000	105,000	11,000	46,000
2	1949...	543,673	189,062	82,223	49,248	57,591	23,452	180,094	111,646	13,382	55,066
3	Irrigation organizations.....organizations 1959...	142	46	16	17	13	6	55	42	5	10
4	1949...	161	54	15	24	17	4	57	44	1	13
	Service area, 1959:										
5	Farm area reported served by organizations.....acres 1959...	(D)	142,165	96,580	34,250	11,335	(D)	106,596	84,016	5,400	17,180
6	Farm area reported irrigated by organizations.....acres 1959...	(D)	140,095	95,729	33,031	11,335	(D)	100,504	82,684	5,400	12,420
7	Water users served, total.....water users 1959...	(D)	1,454	1,181	241	32	(D)	594	527	39	28
8	Farm irrigation water users.....water users 1959...	(D)	1,090	817	241	32	(D)	593	526	39	28
9	Residential water users.....water users 1959...	(D)	364	364	...	...	...	...	...	...	...
10	Other water users.....water users 1959...	(D)	...	...	...	...	...	1	1	...	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959										
11	Ground water sources.....acres...	14,000	5,000	3,000	1,000	1,000	...	6,000	4,000	1,000	1,000
12	Surface water sources.....acres...	484,000	160,000	64,000	48,000	48,000	22,000	156,000	101,000	10,000	45,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959										
13	Total entering conveyance systems in basin.....organizations...	139	42	15	15	12	6	55	42	5	10
14	acre-feet...	(D)	903,992	789,144	85,001	29,847	(D)	196,488	162,737	7,834	33,751
15	From another drainage basin.....organizations...	...	3	2	1	...	...	...	...	2	...
16	acre-feet...	...	8,470	2,470	6,000	...	...	...	...	7,834	...
17	From drainage basin number.....D. B. No....	...	...	(2)	VI-D-7	...	...	...	...	VI-D-5a	...
18	From natural sources within basin...organizations...	112	38	12	14	12	6	30	20	...	10
19	acre-feet...	(D)	895,522	786,674	79,001	29,847	(D)	196,488	162,737	...	33,751
20	Surface water.....organizations...	111	37	12	13	12	6	30	20	...	10
21	acre-feet...	(D)	893,362	786,674	76,841	29,847	(D)	196,488	162,737	...	33,751
22	Ground water.....organizations...	1	1	...	1	...	...	...	...	...	...
23	acre-feet...	(D)	2,160	...	2,160	...	...	...	...	...	...
24	*From other organizations in the basin.....organizations receiving...*	29	3	3	...	...	...	26	23	3	...
25	*acre-feet...*	(D)	174,718	174,718	...	...	...	42,452	35,671	6,781	...
26	Total leaving conveyance systems.....organizations...	139	42	15	15	12	6	55	42	5	10
27	acre-feet...	(D)	903,992	789,144	85,001	29,847	(D)	196,488	162,737	7,834	33,751
28	Conveyance loss in basin.....organizations...	130	37	13	14	10	5	53	41	5	8
29	acre-feet...	(D)	112,231	85,994	21,816	4,421	(D)	32,265	23,766	1,170	7,329
30	Conveyed to another drainage basin..organizations...	2	2	2	...	...	1	1	3	...	...
31	acre-feet...	(D)	536,991	536,991	...	...	(D)	420	8,254	...	...
32	To drainage basin number.....D. B. No....	...	...	Nebraska VI-D-3b	...	...	VI-D-3b		(3)	...	...
33	Delivered for use in the basin.....organizations...	138	42	15	15	12	5	55	41	4	10
34	acre-feet...	(D)	254,770	166,159	63,185	25,426	(D)	163,803	130,717	6,664	26,422
35	To farm irrigation water users...organizations...	138	42	15	15	12	5	55	41	4	10
36	acre-feet...	(D)	253,311	164,700	63,185	25,426	(D)	158,914	125,828	6,664	26,422
37	To residential water users.....organizations...	3	3	3	...	...	...	...	...	...	...
38	acre-feet...	(D)	1,459	1,459	...	...	...	...	...	...	...
39	For other use.....organizations...	2	...	...	...	...	...	1	1	...	...
40	acre-feet...	(D)	...	...	...	...	...	4,889	4,889	...	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	3	2	2	...	...	...	1	1	1	...
42	*acre-feet...*	(D)	174,718	174,718	...	...	...	42,452	35,671	6,781	...
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	(D)	1.8	1.7	1.9	2.2	(D)	1.6	1.5	1.2	2.1
	NEW CAPITAL INVESTMENT, 1950-1959										
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	53	18	5	5	8	3	14	9	...	5
45	dollars...	(D)	8,435,981	2,760,150	5,337,293	338,538	(D)	39,716	33,650	...	6,066

D Data not shown to avoid disclosure of information for individual organizations. [1]Data for less than 3 organizations in Basin VI-C-3 and VI-F-1d are included in totals only for 1949. [2]2,050 acre-feet from D. B. No. VI-D-4, 420 acre-feet from D. B. No. VI-D-5a. [3]7,834 acre-feet to D. B. No. VI-D-5b, 420 acre-feet to D. B. No. VI-D-3b.

BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

Platte River excluding South Platte River (North Platte River) (VI-D)—Continued							South Platte River (VI-E)				Yellowstone River excluding Big Horn River (VI-F)				
												Powder River			
La Bonte Creek	La Prele Creek	Sweetwater River	Medicine Bow River and Pass Creek	Spring Creek	Encampment Creek	Beaver Creek	Total	Lodgepole Creek	Crow Creek	Cache la Poudre River	Total[1]	Total	Powder River direct	Clear Creek	
(6)	(7)	(8)	(9, 10)	(11)	(12)	(13)		(2)	(5)	(6)			(2a)	(2b)	
6,000	11,000	24,000	89,000	2,000	11,000	6,000	27,000	10,000	13,000	4,000	114,000	54,000	9,000	31,000	1
8,993	11,532	12,198	89,428	2,507	18,707	7,700	18,452	9,677	5,054	3,721	113,086	50,844	7,168	25,639	2
8	6	3	10	3	9	...	...	...	...	...	140	75	...	57	3
9	6	3	14	3	14	...	...	...	...	...	139	73	2	55	4
1,365	3,465	1,347	26,375	2,689	9,081	...	...	...	...	...	124,124	59,460	...	43,882	5
1,190	2,835	1,242	25,125	2,689	8,132	...	...	...	...	...	106,708	48,626	...	34,370	6
14	24	10	48	9	31	...	...	...	...	...	1,010	283	...	211	7
14	24	10	48	9	30	...	...	...	...	...	1,007	282	...	210	8
...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	9
...	...	...	...	...	1	...	...	...	...	...	1	1	...	1	10
1,000	...	...	2,000	...	...	...	11,000	5,000	6,000	...	...	...	...	...	11
5,000	11,000	24,000	87,000	2,000	11,000	6,000	16,000	5,000	7,000	4,000	114,000	54,000	9,000	31,000	12
8	6	3	10	3	9	...	...	...	...	...	134	70	...	52	13
3,082	10,534	2,563	53,638	3,634	22,472	...	...	...	...	...	320,884	131,373	...	94,388	14
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	15
...	1,000	...	...	...	...	...	...	...	...	...	...	...	...	...	16
...	VI-D-6	...	...	...	...	...	...	...	...	...	...	...	...	...	17
8	6	3	10	3	9	...	...	...	...	...	134	70	...	52	18
3,082	9,534	2,563	53,638	3,634	22,472	...	...	...	...	...	320,884	131,373	...	94,388	19
8	6	3	10	3	9	...	...	...	...	...	134	70	...	52	20
3,082	9,534	2,563	53,638	3,634	22,472	...	...	...	...	...	320,584	131,073	...	94,088	21
...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	22
...	...	...	...	...	...	...	...	...	...	...	300	300	...	300	23
...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	24
...	...	...	...	...	...	...	...	...	...	...	19,313	...	...	...	25
8	6	3	10	3	9	...	...	...	...	...	134	70	...	52	26
3,082	10,534	2,563	53,638	3,634	22,472	...	...	...	...	...	320,884	131,373	...	94,388	27
7	6	3	10	3	8	...	...	...	...	...	132	69	...	51	28
594	1,551	687	7,722	213	2,964	...	...	...	...	...	73,354	23,990	...	16,710	29
1	1	...	...	...	...	...	...	...	...	...	2	1	...	1	30
1,000	6,000	...	...	...	...	...	...	...	...	...	2,570	5,160	...	5,160	31
VI-D-7	VI-D-3c	...	...	...	...	...	...	...	...	...	...	...	...	Montana VI-F-3a	32
7	6	3	10	3	9	...	...	...	...	...	128	67	...	49	33
1,488	2,983	1,876	45,916	3,421	19,508	...	...	...	...	...	244,960	102,223	...	72,518	34
7	6	3	10	3	9	...	...	...	...	...	128	67	...	49	35
1,488	2,983	1,876	45,916	3,421	17,456	...	...	...	...	...	244,100	102,221	...	72,516	36
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	37
...	...	...	...	...	...	...	...	...	...	...	858	...	...	...	38
...	...	...	...	...	1	...	...	...	...	...	1	1	...	1	39
...	...	...	...	...	2,052	...	...	...	...	...	2	2	...	2	40
...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	41
...	...	...	...	...	...	...	...	...	...	...	19,313	...	...	...	42
1.3	1.1	1.5	1.8	1.3	2.1	...	...	...	...	...	2.3	2.1	...	2.1	43
2	4	1	5	2	4	...	...	...	...	...	104	62	...	49	44
5,500	9,565	1,000	11,700	1,450	21,700	...	...	...	...	...	615,809	445,108	...	356,060	45

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Yellowstone River excluding Big Horn River (VI-F)—Continued						Big Horn River (VI-C)		
		Powder River—Continued		Tongue River						
		Crazy Woman Creek (2c)	Middle Fork (2d)	Total	Tongue River direct (3a)	Goose Creek (3b)	Clarks Fork (4a)	Total[1]	Big Horn River direct (1)	Shoshone River (3)
1	Total acres irrigated in Census year.....1959...	10,000	4,000	47,000	21,000	26,000	13,000	425,000	82,000	127,000
2	1949...	10,377	7,660	48,777	18,030	30,747	12,890	403,939	69,688	115,627
3	Irrigation organizations.....organizations 1959...	10	8	57	30	27	9	215	26	18
4	1949...	9	8	56	30	26	10	222	31	14
	Service area, 1959:									
5	Farm area reported served by organizations.....acres 1959...	7,977	7,601	56,195	24,610	31,585	8,469	480,454	89,537	149,198
6	Farm area reported irrigated by organizations.....acres 1959...	7,215	7,041	49,733	20,778	28,955	8,349	431,236	84,916	138,464
7	Water users served, total.....water users 1959...	28	44	684	230	454	43	5,455	853	2,564
8	Farm irrigation water users.....water users 1959...	28	44	682	230	452	43	4,553	832	1,925
9	Residential water users.....water users 1959...	...	...	2	...	2	...	893	17	639
10	Other water users.....water users 1959...	...	...	...	...	...	...	9	4	...
	LAND IRRIGATED BY SOURCE OF WATER, 1959									
11	Ground water sources.....acres...	...	...	...	...	...	...	4,000	1,000	...
12	Surface water sources.....acres...	10,000	4,000	47,000	21,000	26,000	13,000	421,000	81,000	127,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959									
13	Total entering conveyance systems in basin.....organizations...	10	8	56	29	27	9	214	26	18
14	acre-feet...	10,066	26,919	122,576	52,197	70,379	72,095	2,310,455	578,676	793,722
15	From another drainage basin.....organizations...	...	...	1	1	...	...	...	2	...
16	acre-feet...	...	...	5,160	5,160	...	...	...	116,655	...
17	From drainage basin number.....D. B. No....	...	...	...	VI-F-2b	...	...	...	(2)	...
18	From natural sources within basin...organizations...	10	8	55	28	27	9	208	23	17
19	acre-feet...	10,066	26,919	117,416	47,037	70,379	72,095	2,310,455	462,021	793,722
20	Surface water.....organizations...	10	8	55	28	27	9	208	23	17
21	acre-feet...	10,066	26,919	117,416	47,037	70,379	72,095	2,310,455	462,021	793,722
22	Ground water.....organizations...	...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...	...
24	*From other organizations in the basin.....organizations receiving...*	...	...	7	2	5	...	16	3	2
25	*acre-feet...*	...	...	19,313	8,181	11,132	...	241,084	35,200	92,308
26	Total leaving conveyance systems.....organizations...	10	8	56	29	27	9	214	26	18
27	acre-feet...	10,066	26,919	122,576	52,197	70,379	72,095	2,310,455	578,676	793,722
28	Conveyance loss in basin.....organizations...	10	8	55	29	26	9	209	26	17
29	acre-feet...	1,846	5,434	24,851	9,367	15,484	24,513	616,117	156,574	224,330
30	Conveyed to another drainage basin..organizations...	...	...	1	1	...	1	1	...	1
31	acre-feet...	...	...	280	280	...	2,290	216	...	216
32	To drainage basin number.....D. B. No....	...	...	...	Montana VI-F-3a	...	Montana VI-F-4a	...	...	Montana VI-G-3
33	Delivered for use in the basin.....organizations...	10	8	52	29	23	9	212	26	18
34	acre-feet...	8,220	21,485	97,445	42,550	54,895	45,292	1,694,122	422,102	569,176
35	To farm irrigation water users...organizations...	10	8	55	29	26	9	212	26	18
36	acre-feet...	8,220	21,485	96,587	42,550	54,037	45,292	1,685,631	419,718	567,583
37	To residential water users.....organizations...	...	...	1	...	1	...	15	2	4
38	acre-feet...	...	...	858	...	858	...	5,891	564	1,593
39	For other use.....organizations...	...	...	...	...	...	...	6	1	...
40	acre-feet...	...	...	...	...	...	...	2,600	1,820	...
41	*Delivered to other irrigation organizations..... organizations delivering...*	...	...	7	2	5	...	11	1	2
42	*acre-feet...*	...	...	19,313	8,181	11,132	...	241,084	35,200	92,308
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	1.1	3.1	1.9	2.0	1.9	5.4	3.9	4.9	4.1
	NEW CAPITAL INVESTMENT, 1950-1959									
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	6	7	40	23	17	3	124	13	12
45	dollars...	34,362	54,686	155,701	21,911	133,790	15,000	16,327,116	2,578,711	2,519,542

[1]Little Horn River VI-C-2 not shown separately but data are included in total only for 1949.
[2]14,335 acre-feet from D. B. No. VI-G-7, 102,320 acre-feet from D. B. No. VI-G-5.

State Table 1.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Big Horn River (VI-G)—Continued							
						Wind River			
		Shell Creek	Greybull River	Norwood Creek	Owl Creek	Total	Below Crowheart gage	Above Crowheart gage	Little Wind River, including Popo Agie River
		(4)	(5)	(6)	(7)		(8a)	(8b)	(8c)
1	Total acres irrigated in Census year.....1959...	8,000	43,000	16,000	13,000	136,000	86,000	8,000	42,000
2	1949...	10,167	49,883	17,715	11,385	128,337	NA	NA	40,219
3	Irrigation organizations.....organizations 1959...	19	35	35	20	65	9	11	45
4	1949...	18	41	45	18	62	NA	NA	44
	Service area, 1959:								
5	Farm area reported served by organizations.....acres 1959...	10,564	46,803	13,231	14,415	156,706	88,642	17,364	50,700
6	Farm area reported irrigated by organizations.....acres 1959...	10,236	42,726	11,890	7,049	135,955	83,327	14,925	37,703
7	Water users served, total.....water users 1959...	138	295	172	84	1,349	762	115	472
8	Farm irrigation water users.....water users 1959...	138	295	107	84	1,172	654	114	404
9	Residential water users.....water users 1959...	...	...	65	...	172	107	...	65
10	Other water users.....water users 1959...	...	...	...	...	5	1	1	3
	LAND IRRIGATED BY SOURCE OF WATER, 1959								
11	Ground water sources.....acres...	...	2,000	...	...	1,000	...	...	1,000
12	Surface water sources.....acres...	8,000	41,000	16,000	13,000	135,000	86,000	8,000	41,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
13	Total entering conveyance systems in basin.....organizations...	19	35	35	20	64	8	11	45
14	acre-feet...	47,534	267,894	80,374	24,372	655,252	381,242	95,698	178,312
15	From another drainage basin.....organizations...	...	...	...	1	...	...	...	...
16	acre-feet...	...	...	...	20,714	...	...	...	...
17	From drainage basin number.....D. B. No....	...	...	...	VI-G-8a	...	...	...	...
18	From natural sources within basin...organizations...	19	35	35	18	61	8	11	42
19	acre-feet...	47,534	267,894	80,374	3,658	655,252	381,242	95,698	178,312
20	Surface water.....organizations...	19	35	35	18	61	8	11	42
21	acre-feet...	47,534	267,894	80,374	3,658	655,252	381,242	95,698	178,312
22	Ground water.....organizations...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...
24	*From other organizations in the basin.....organizations receiving...*	...	...	...	1	10	1	...	9
25	*acre-feet...*	...	...	...	20,714	92,862	79,137	...	13,725
26	Total leaving conveyance systems.....organizations...	19	35	35	20	64	8	11	45
27	acre-feet...	47,534	267,894	80,374	24,372	655,252	381,242	95,698	178,312
28	Conveyance loss in basin.....organizations...	18	32	35	19	63	7	11	45
29	acre-feet...	6,493	28,448	15,503	2,121	182,648	136,311	15,966	30,371
30	Conveyed to another drainage basin..organizations...	...	1	...	1	1	1	...	...
31	acre-feet...	...	102,320	...	14,335	20,714	20,714	...	...
32	To drainage basin number.....D. B. No....	...	VI-G-1	...	VI-G-1	...	VI-G-7	...	...
33	Delivered for use in the basin.....organizations...	19	33	35	19	63	7	11	45
34	acre-feet...	41,041	137,126	64,871	7,916	451,890	224,217	79,732	147,941
35	To farm irrigation water users...organizations...	19	33	35	19	63	7	11	45
36	acre-feet...	41,041	137,126	64,724	7,916	447,523	222,487	79,682	145,354
37	To residential water users.....organizations...	...	...	1	...	8	1	...	7
38	acre-feet...	...	...	147	...	3,587	1,680	...	1,907
39	For other use.....organizations...	...	...	...	...	5	1	1	3
40	acre-feet...	...	...	...	...	780	50	50	680
41	*Delivered to other irrigation organizations..... organizations delivering...*	...	...	...	1	7	1	...	6
42	*acre-feet...*	...	...	...	20,714	92,862	79,137	...	13,725
43	Average delivery of irrigation water per acre irrigated as reported by organizations....acre-feet...	4.0	3.2	5.4	1.1	3.3	2.7	5.3	3.9
	NEW CAPITAL INVESTMENT, 1950-1959								
44	Expenditures for additional new works and equipment for irrigation and drainage, Jan. 1, 1950-Dec. 31, 1959.....organizations...	13	20	23	8	35	7	7	21
45	dollars...	65,506	127,066	42,625	619,696	10,373,970	9,774,369	201,870	397,731

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

	Item (For definitions and explanations, see text)	Wyoming, total	Snake River above American Falls, Idaho (I-H)	Bear River and Green River (III-E and IV-E)	Platte River (VI-D and VI-E)	Yellowstone River direct, above Livingston, Clarks Fork direct, and Big Horn River (VI-F-1d, 4a, and VI-G)	Yellowstone River excluding Big Horn River and Clarks Fork (VI-F)
1	Irrigation organizations, total number.....organizations 1959...	686	83	104	142	224	131
2	1949...	693	107	63	161	232	129
3	Area irrigated as reported by organizations.....acres 1959...	1,057,540	54,498	177,286	(D)	439,585	98,359
4	1949...	839,939	54,310	123,791	(D)	359,237	75,181
5	Farm water users served directly....water users 1959...	8,962	728	833	(D)	4,596	964
6	Total water conveyed.....acre-feet 1959...	5,415,961	512,119	594,037	(D)	2,623,634	268,102
	TYPE OF ORGANIZATION						
	Mutual:						
7	Unincorporated.....organizations 1959...	521	69	80	113	161	97
8	1949...	538	90	41	132	175	100
9	Farm area irrigated directly.....acres 1959...	334,916	31,542	67,092	(D)	64,838	47,067
10	Farm water users served directly.....water users 1959...	2,358	436	339	(D)	574	460
11	Total water conveyed.....acre-feet 1959...	1,161,358	298,862	231,306	(D)	266,152	115,328
12	Incorporated.....organizations 1959...	113	12	18	15	34	34
13	1949...	120	15	18	20	38	28
14	Farm area irrigated directly.....acres 1959...	283,851	15,895	59,431	(D)	112,491	51,292
15	Farm water users served directly.....water users 1959...	2,503	220	298	(D)	1,099	504
16	Total water conveyed.....acre-feet 1959...	1,303,796	158,197	163,193	(D)	719,351	152,774
17	District.....organizations 1959...	37	2	6	9	20	...
18	1949...	27	1	3	7	16	...
19	Farm area irrigated directly.....acres 1959...	(D)	(D)	50,763	(D)	191,949	...
20	Farm water users served directly.....water users 1959...	(D)	(D)	196	(D)	2,431	...
21	Total water conveyed.....acre-feet 1959...	(D)	(D)	199,538	(D)	1,233,492	...
22	U.S. Bureau of Reclamation; projects and storage systems operated by bureau...organizations 1959...	7	...	...	3	3	...
23	1949...	5	1	...	2	2	...
24	Farm area irrigated directly.....acres 1959...	40,540	...	...	...	40,540	...
25	Farm water users served directly.....water users 1959...	204	...	...	...	204	...
26	Total water conveyed.....acre-feet 1959...	210,089	...	...	...	210,089	...
27	*U. S. Bureau of Reclamation; operated by water users ..... organizations 1959* ...	12	...	1	4	7	...
28	*1949* ...	NA	NA	NA	NA	NA	NA
29	Farm area irrigated directly.....acres 1959...	190,769	...	(D)	(D)	104,560	...
30	Farm water users served directly.....water users 1959...	1,763	...	(D)	(D)	1,091	...
31	Total water conveyed.....acre-feet 1959...	1,679,308	...	(D)	(D)	728,958	...
32	U. S. Bureau of Indian Affairs....organizations 1959...	6	...	...	...	6	...
33	1949...	1	...	...	...	1	...
34	Farm area irrigated directly.....acres 1959...	29,767	...	...	...	29,767	...
35	Farm water users served directly.....water users 1959...	288	...	...	...	288	...
36	Total water conveyed.....acre-feet 1959...	194,550	...	...	...	194,550	...
37	Commercial.....organizations 1959...	1	...	...	1	...	...
38	1949...	2	...	1	...	...	1
39	Farm area irrigated directly.....acres 1959...	(D)	...	...	(D)	...	...
40	Farm water users served directly.....water users 1959...	(D)	...	...	(D)	...	...
41	Total water conveyed.....acre-feet 1959...	(D)	...	...	(D)	...	...
42	State.....organizations 1959...	...	...	...	...	...	...
43	1949...	...	...	...	...	...	...
44	Farm area irrigated directly.....acres 1959...	...	...	...	...	...	...
45	Farm water users served directly.....water users 1959...	...	...	...	...	...	...
46	Total water conveyed.....acre-feet 1959...	...	...	...	...	...	...
47	City.....organizations 1959...	1	...	...	1	...	...
48	1949...	...	...	...	...	...	...
49	Farm area irrigated directly.....acres 1959...	(D)	...	...	(D)	...	...
50	Farm water users served directly.....water users 1959...	(D)	...	...	(D)	...	...
51	Total water conveyed.....acre-feet 1959...	(D)	...	...	(D)	...	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 2.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Continued

	Item (For definitions and explanations, see text)	Wyoming, total	Snake River above American Falls, Idaho (I-H)	Bear River and Green River (III-E and IV-E)	Platte River (VI-D and VI-E)	Yellowstone River direct, above Livingston, Clarks Fork direct, and Big Horn River (VI-F-1d, 4a, and VI-C)	Yellowstone River excluding Big Horn River and Clarks Fork (VI-F)
	TYPE OF SERVICE, 1959						
1	All water directly from surface and ground water sources.....organizations...	613	74	103	110	207	118
2	Total water conveyed.....acre-feet...	4,836,975	455,699	589,277	1,172,425	2,400,740	214,994
3	Water delivered.....acre-feet...	3,475,311	353,678	496,172	624,310	1,823,345	177,230
4	To farm and residential users only.....organizations...	587	71	102	107	195	111
5	acre-feet...	2,476,965	288,258	492,041	299,867	1,236,458	159,765
6	To farm and residential users and other irrigation organizations.....organizations...	17	2	1	3	10	1
7	Water to farm and residential users.....acre-feet...	488,759	28,080	3,331	107,273	345,803	4,272
8	Water to other irrigation organizations.....acre-feet...	455,328	11,420	800	217,170	220,370	5,568
9	To other irrigation organizations only.....organizations...	6	1	...	...	1	4
10	acre-feet...	54,259	25,920	...	...	20,714	7,625
11	Part of water from other organizations.....organizations...	27	7	1	2	10	7
12	Total water conveyed.....acre-feet ..	309,907	45,000	4,760	42,020	165,019	53,108
13	From surface and ground water sources.....acre-feet...	63,279	19,080	3,960	24,634	[1]-18,190	33,795
14	From other irrigation organizations.....acre-feet...	246,628	25,920	800	17,386	183,209	19,313
15	Water delivered.....acre-feet...	230,335	40,500	4,284	35,813	107,989	41,749
16	To farm and residential users only.....organizations...	25	7	1	2	10	5
17	acre-feet...	219,938	40,500	4,284	35,813	107,989	31,352
18	To farm and residential users and other irrigation organizations.....organizations...	2	...	...	...	...	2
19	Water to farm and residential users.....acre-feet...	4,277	...	...	...	...	4,277
20	Water to other irrigation organizations.....acre-feet...	6,120	...	...	...	...	6,120
21	To other irrigation organizations only.....organizations...	...	...	...	...	...	...
22	acre-feet...	...	...	...	...	...	...
23	All of water from other organizations.....organizations...	35	2	...	27	6	...
24	Total water conveyed.....acre-feet...	269,079	11,420	...	199,784	57,875	...
25	Water delivered.....acre-feet...	105,773	8,855	...	50,354	46,564	...
26	To farm and residential users only.....organizations...	35	2	...	27	6	...
27	acre-feet...	105,773	8,855	...	50,354	46,564	...
28	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...
29	Water to farm residential users.....acre-feet...	...	...	...	...	...	...
30	Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...
31	To other irrigation organizations only.....organizations...	...	...	...	...	...	...
32	acre-feet...	...	...	...	...	...	...
33	No water conveyed.....organizations...	11	...	...	3	1	6
	WATER FROM OTHER SOURCES						
34	Organizations reporting no water from other sources used on land served by the organization.....organizations...	643	79	99	135	213	116
35	acres served...	1,300,767	65,797	201,567	445,254	478,204	108,985
36	acres irrigated...	1,198,763	60,905	176,965	432,387	432,945	94,601
37	Water delivered to farms.....acre-feet...	3,450,251	355,311	493,287	700,405	1,705,940	191,852
38	acre-feet per acre...	2.9	5.8	2.8	1.6	3.9	2.0
39	Organizations reporting water from other sources used on land served by the organization.....organizations...	23	3	5	4	8	3
40	acres served...	46,896	10,567	8,279	10,014	11,226	6,810
41	acres irrigated...	38,100	9,705	7,616	9,914	6,967	3,898
42	Water delivered to farms.....acre-feet...	96,671	24,339	15,188	23,959	25,949	7,236
43	acre-feet per acre...	2.5	2.5	2.0	2.4	3.7	1.9

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 2.—NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, TYPE OF SERVICE, QUANTITY OF WATER DELIVERED PER ACRE, AND SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950—Continued

	Item (For definitions and explanations, see text)	Wyoming, total	Snake River above American Falls, Idaho (I-H)	Bear River and Green River (III-E and IV-E)	Platte River (VI-D and VI-E)	Yellowstone River direct, above Livingston, Clarks Fork direct, and Big Horn River (VI-F-1d, 4a, and VI-C)	Yellowstone River excluding Big Horn River and Clarks Fork (VI-F)
	WATER DELIVERED PER ACRE						
	Organizations reporting NO water from other sources used on same land:						
1	0.1 to 0.9 acre-feet per acre.....organizations...	44	...	5	11	18	9
2	acres irrigated...	42,894	...	3,984	28,139	6,654	4,117
3	1.0 to 1.9 acre-feet per acre.....organizations...	176	6	35	74	13	49
4	acres irrigated...	479,080	9,578	84,620	314,704	20,643	49,535
5	2.0 to 2.9 acre-feet per acre.....organizations...	154	11	29	30	42	42
6	acres irrigated...	253,650	7,941	47,527	66,485	104,943	26,754
7	3.0 to 3.9 acre-feet per acre.....organizations...	105	4	8	15	66	11
8	acres irrigated...	164,524	1,276	6,472	20,884	121,962	12,970
9	4.0 to 4.9 acre-feet per acre.....organizations...	68	10	8	3	42	5
10	acres irrigated...	95,038	2,685	13,954	1,545	75,629	1,225
11	5.0 to 5.9 acre-feet per acre.....organizations...	32	7	6	1	18	...
12	acres irrigated...	79,363	7,409	6,592	550	64,812	...
13	6.0 to 6.9 acre-feet per acre.....organizations...	18	10	1	1	6	...
14	acres irrigated...	25,424	10,965	350	80	14,029	...
15	7.0 to 7.9 acre-feet per acre.....organizations...	17	10	5	...	2	...
16	acres irrigated...	34,461	8,695	4,743	...	21,023	...
17	8.0 to 9.9 acre-feet per acre.....organizations...	15	7	2	...	6	...
18	acres irrigated...	15,615	3,642	8,723	...	3,250	...
19	10.0 or more acre-feet per acre.....organizations...	14	14	...	...	...	...
20	acres irrigated...	8,714	8,714	...	...	...	...
	SIZE OF ORGANIZATION						
	Size of organization (number of farm irrigation water users served directly):						
21	None.....organizations...	20	1	...	3	3	12
22	1 to 3.....organizations...	307	29	51	68	97	62
23	water users...	736	70	123	166	225	152
24	4 to 9.....organizations...	202	28	29	40	75	29
25	water users...	1,106	162	162	203	405	168
26	10 to 29.....organizations...	104	18	21	19	23	23
27	water users...	1,639	285	370	275	349	360
28	30 to 99.....organizations...	34	7	3	7	12	5
29	water users...	1,977	348	195	448	700	286
30	100 to 299.....organizations...	13	...	...	2	11	...
31	water users...	1,960	...	...	286	1,674	...
32	300 to 999.....organizations...	5	...	...	2	3	...
33	water users...	2,378	...	...	1,131	1,247	...
34	1,000 or more.....organizations...	1	...	...	1	...	...
35	water users...	1,512	...	...	1,512	...	...
	Size of organization (acre-feet of water delivered directly to farms):						
36	None.....organizations...	20	1	...	3	3	12
37	1 to 299 acre-feet.....organizations...	90	3	7	17	40	23
38	acre-feet...	15,858	424	1,421	3,182	6,445	4,386
39	300 to 999 acre-feet.....organizations...	178	25	25	37	46	45
40	acre-feet...	107,625	16,115	14,362	21,528	27,425	28,195
41	1,000 to 2,999 acre-feet.....organizations...	202	18	29	52	69	34
42	acre-feet...	349,147	34,275	52,039	90,422	114,510	57,901
43	3,000 to 9,999 acre-feet.....organizations...	128	26	29	23	34	15
44	acre-feet...	661,913	137,475	138,667	126,771	177,290	78,254
45	10,000 to 29,999 acre-feet.....organizations...	38	9	10	4	13	2
46	acre-feet...	571,290	157,761	131,148	59,742	192,287	30,352
47	30,000 to 99,999 acre-feet.....organizations...	26	1	4	5	16	...
48	acre-feet...	1,309,022	33,600	170,838	272,740	831,844	...
49	100,000 or more acre-feet.....organizations...	4	...	...	1	3	...
50	acre-feet...	532,067	...	...	149,979	382,088	...
	Size of organization (acre-feet of water conveyed):						
51	None.....organizations...	11	...	...	3	1	6
52	1 to 299 acre-feet.....organizations...	68	3	5	12	31	17
53	acre-feet...	12,127	470	950	2,479	4,955	3,273
54	300 to 999 acre-feet.....organizations...	168	17	24	35	47	45
55	acre-feet...	100,805	10,985	13,684	20,385	28,593	27,158
56	1,000 to 2,999 acre-feet.....organizations...	210	22	29	51	69	39
57	acre-feet...	380,470	36,903	54,136	90,771	130,808	67,852
58	3,000 to 9,999 acre-feet.....organizations...	145	26	32	28	39	19
59	acre-feet...	796,849	140,740	172,726	152,628	227,348	99,567
60	10,000 to 29,999 acre-feet.....organizations...	53	13	10	7	18	5
61	acre-feet...	882,682	232,260	153,312	108,912	324,160	70,252
62	30,000 to 99,999 acre-feet.....organizations...	23	2	4	3	14	...
63	acre-feet...	1,353,904	90,160	200,239	188,604	874,901	...
64	100,000 or more acre-feet.....organizations...	8	...	...	3	5	...
65	acre-feet...	1,894,462	...	...	856,819	1,037,643	...

State Table 3.–LAND IRRIGATED BY SOURCE OF WATER, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Wyoming, total	Snake River above American Falls, Idaho (I-H)	Bear River and Green River (III-E and IV-E)	Platte River (VI-D and VI-E)	Yellowstone River direct, above Livingston, Clarks Fork direct, and Big Horn River (VI-F-1d, 4a, and VI-G)	Yellowstone River excluding Big Horn River and Clarks Fork (VI-F)
1	Total acres irrigated.....farms reporting...	6,412	475	767	1,813	2,623	602
2	acres...	1,469,911	64,873	321,734	525,082	437,931	100,812
3	Acres irrigated by sprinklers....farms reporting...	293	54	35	101	26	43
4	acres...	17,028	3,444	2,398	5,154	1,050	2,077
5	Sprinklers only.....farms reporting...	111	24	8	38	3	14
6	acres...	7,601	2,089	467	2,190	187	427
	LAND IRRIGATED, BY SOURCE OF WATER TO INDIVIDUAL FARMS, 1959						
7	Ground water sources on farm.....farms reporting...	338	16	31	218	34	13
8	acres...	33,499	687	2,507	24,366	3,602	290
9	Ground water sources on farm only.farms reporting...	158	6	16	101	7	8
10	acres...	18,817	352	1,242	15,489	181	125
11	Surface sources on farm.....farms reporting...	2,213	197	431	698	508	275
12	acres...	723,133	32,549	211,627	316,029	96,960	49,478
13	Surface sources on farm only.....farms reporting...	1,887	177	372	608	418	213
14	acres...	638,873	30,666	189,940	288,786	74,862	39,165
15	Irrigation organization sources.....farms reporting...	4,279	287	365	1,066	2,177	377
16	acres...	713,279	31,637	107,600	184,687	337,369	51,044
17	Irrigation organization sources only.....farms reporting...	3,926	266	311	925	2,099	318
18	acres...	629,415	29,648	90,696	146,109	318,231	43,789
19	Both farm ground water sources and surface sources.....farms reporting...	77	5	11	33	19	3
20	acres...	23,298	420	4,425	10,917	5,384	497
21	Both irrigation organization and farm ground water or farm surface sources.....farms reporting...	364	21	57	146	80	60
22	acres...	159,508	3,787	35,431	63,781	39,273	17,236

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950

Item (For definitions and explanations, see text)	Wyoming, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	686	521	113	37	7	12	8
1949...	693	538	120	27	5	NA	3
Service area, 1959:							
Area served, as reported by organizations.....acres...	1,166,907	377,983	314,633	(D)	42,730	201,390	(D)
Area irrigated, as reported by organizations.....acres...	1,057,540	334,916	283,851	(D)	40,540	190,769	(D)
Water users served, 1959, total.....water users...	10,347	2,520	2,729	(D)	204	1,789	(D)
Farm irrigation water users.....water users...	8,962	2,358	2,503	(D)	204	1,763	(D)
Residential water users.....water users...	1,373	159	222	(D)	...	25	...
Other water users.....water users...	12	3	4	4	...	1	1
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	613	476	98	30	1	8	8
Total water conveyed.....acre-feet...	4,836,975	1,058,834	1,167,059	(D)	154,296	1,429,872	(D)
Water delivered.....acre-feet...	3,475,311	877,831	881,246	(D)	86,714	791,712	(D)
To farm and residential users only.....organizations...	587	474	84	20	1	3	8
acre-feet...	2,476,965	849,549	798,933	(D)	86,714	134,279	(D)
To farm and residential users and other irrigation organizations.....organizations...	17	...	9	8	...	4	...
Water to farm and residential users.....acre-feet...	488,759	...	47,787	(D)	...	313,776	...
Water to other irrigation organizations.....acre-feet...	455,328	...	29,263	(D)	...	322,943	...
To other irrigation organizations only.....organizations...	6	2	3	1	...	1	...
acre-feet...	54,259	28,282	5,263	(D)	...	20,714	...
Part of water from other organizations.....organizations...	27	14	10	2	1	1	...
Total water conveyed.....acre-feet...	309,907	58,229	113,517	(D)	55,793	73,088	...
From surface and ground water sources.....acre-feet...	63,279	20,014	55,329	(D)	[1]-23,344	4,000	...
From other irrigation organizations.....acre-feet...	246,628	38,215	58,188	(D)	79,137	69,088	...
Water delivered.....acre-feet...	230,335	51,153	91,718	(D)	39,696	34,328	...
To farm and residential users only.....organizations...	25	14	8	2	1	1	...
acre-feet...	219,938	51,153	81,321	(D)	39,696	34,328	...
To farm and residential users and other irrigation organizations.....organizations...	2	...	2	...	...	...	...
Water to farm and residential users.....acre-feet...	4,277	...	4,277	...	...	...	...
Water to other irrigation organizations.....acre-feet...	6,120	...	6,120	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	35	29	1	5	...	3	...
Total water conveyed.....acre-feet...	269,079	44,295	23,220	(D)	...	176,348	...
Water delivered.....acre-feet...	105,773	40,081	20,124	(D)	...	25,160	...
To farm and residential users only.....organizations...	35	29	1	5	...	3	...
acre-feet...	105,773	40,081	20,124	(D)	...	25,160	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	11	2	4	...	5	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	643	506	94	33	2	10	8
acres served...	1,300,767	369,576	305,639	(D)	42,730	201,390	(D)
acres irrigated...	1,198,763	329,140	279,859	(D)	40,540	190,769	(D)
water delivered to farms (acre-feet)...	3,450,251	928,609	895,683	(D)	126,410	507,528	(D)
acre-feet per acre...	2.9	2.8	3.2	(D)	3.1	2.7	(D)
Organizations reporting water from other sources used on land served by the organization.....organizations...	23	11	10	2	...	...	...
acres served...	46,896	10,824	31,674	(D)	...	...	...
acres irrigated...	38,100	8,193	26,172	(D)	...	...	...
water delivered to farms (acre-feet)...	96,671	16,236	75,534	(D)	...	...	...
acre-feet per acre...	2.5	2.0	2.9	(D)	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	379	269	73	25	6	10	6
By U. S. B. R.....dollars...	24,427,288	...	...	(D)	18,748,344	5,678,944	...
By water users organizations.....dollars...	4,748,845	544,391	1,157,374	(D)	...	2,174,208	(D)

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Wyoming, total						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	675	519	109	37	2	12	8
acre-feet...	4,900,254	1,078,848	1,222,388	(D)	130,952	1,433,872	(D)
From another drainage basin.....organizations...	3	...	3	...	...	...	...
acre-feet...	10,320	...	10,320	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	638	490	106	32	2	9	8
acre-feet...	4,889,934	1,078,848	1,212,068	(D)	130,952	1,433,872	(D)
Surface water.....organizations...	632	485	105	32	2	9	8
acre-feet...	4,883,524	1,074,598	1,209,908	(D)	130,952	1,433,872	(D)
Ground water.....organizations...	7	6	1	...	...	...	...
acre-feet...	6,410	4,250	2,160	...	...	...	...
From other organizations in the basin.....organizations receiving...	62	43	11	7	1	4	...
acre-feet...	515,707	82,510	81,408	(D)	79,137	245,436	...
Total leaving conveyance systems.....organizations...	675	519	109	37	2	12	8
acre-feet...	4,900,254	1,133,076	1,263,150	(D)	210,089	1,335,651	(D)
Conveyance loss in basin.....organizations...	653	503	106	34	2	9	8
acre-feet...	1,015,555	182,862	275,410	(D)	83,679	290,851	(D)
Conveyed to another drainage basin.....organizations...	15	4	8	3	...	3	...
acre-feet...	579,444	9,379	32,858	(D)	...	537,207	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	659	515	100	34	2	10	8
acre-feet...	3,305,255	940,835	954,882	(D)	126,410	507,593	(D)
To farm irrigation water users.....organizations...	659	515	100	34	2	10	8
acre-feet...	3,278,182	938,326	941,728	(D)	126,410	507,528	(D)
To domestic water users.....organizations...	29	13	8	8	...	1	...
acre-feet...	17,530	2,457	10,714	(D)	...	15	...
For other use.....organizations...	9	2	3	3	...	1	1
acre-feet...	9,543	52	2,440	(D)	...	50	(D)
Delivered to other irrigation organizations.....organizations delivering...	25	2	14	9	...	5	...
acre-feet...	515,707	28,282	40,646	(D)	...	343,657	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	20	4	9	(D)	5	1	(D)
1 to 3 water users.....organizations...	307	299	7	(D)	...	...	(D)
4 to 9 water users.....organizations...	202	167	31	(D)	...	...	(D)
10 to 29 water users.....organizations...	104	49	43	(D)	...	1	(D)
30 to 99 water users.....organizations...	34	2	20	(D)	1	2	(D)
100 to 299 water users.....organizations...	13	...	3	(D)	1	3	(D)
300 to 999 water users.....organizations...	5	...	...	(D)	...	4	(D)
1,000 or more water users.....organizations...	1	...	...	(D)	...	1	(D)
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	20	4	9	(D)	5	2	(D)
1 to 299 acre-feet.....organizations...	90	86	3	(D)	...	...	(D)
300 to 999 acre-feet.....organizations...	178	169	8	(D)	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	202	172	28	(D)	...	1	(D)
3,000 to 9,999 acre-feet.....organizations...	128	79	40	(D)	...	1	(D)
10,000 to 29,999 acre-feet.....organizations...	38	11	19	(D)	...	1	(D)
30,000 to 99,999 acre-feet.....organizations...	26	...	5	(D)	2	5	(D)
100,000 or more acre-feet.....organizations...	4	...	1	(D)	...	2	(D)
Size of organization (acre-feet of water conveyed):							
None.....organizations...	11	2	4	(D)	5	...	(D)
1 to 299 acre-feet.....organizations...	68	65	2	(D)	...	...	(D)
300 to 999 acre-feet.....organizations...	168	161	7	(D)	...	...	(D)
1,000 to 2,999 acre-feet.....organizations...	210	185	23	(D)	...	...	(D)
3,000 to 9,999 acre-feet.....organizations...	145	93	45	(D)	...	2	(D)
10,000 to 29,999 acre-feet.....organizations...	53	15	25	(D)	...	2	(D)
30,000 to 99,999 acre-feet.....organizations...	23	...	5	(D)	1	3	(D)
100,000 or more acre-feet.....organizations...	8	...	2	(D)	1	5	(D)

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.
[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Snake River above American Falls, Idaho (I-H)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	83	69	12	2	...	...	...
1949...	107	90	15	1	1	NA	...
Service area, 1959:							
Area served, as reported by organizations.....acres...	59,752	34,889	17,640	(D)	...	...	...
Area irrigated, as reported by organizations.....acres...	54,498	31,542	15,895	(D)	...	...	...
Water users served, 1959, total.....water users...	821	462	287	(D)	...	...	...
Farm irrigation water users:.....water users...	728	436	220	(D)	...	...	...
Residential water users.....water users...	93	26	67	...	...	...	...
Other water users.....water users...	...	...	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	74	61	12	1	...	...	...
Total water conveyed.....acre-feet...	455,699	252,702	158,197	(D)	...	...	...
Water delivered.....acre-feet...	353,678	210,106	109,972	(D)	...	...	...
To farm and residential users only.....organizations...	71	60	10	1	...	...	...
acre-feet...	288,258	184,186	70,472	(D)	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	2	...	2	...	...	...	...
Water to farm and residential users.....acre-feet...	28,080	...	28,080	...	...	...	...
Water to other irrigation organizations.....acre-feet...	11,420	...	11,420	...	...	...	...
To other irrigation organizations only.....organizations...	1	1	...	...	...	...	...
acre-feet...	25,920	25,920	...	...	...	...	...
Part of water from other organizations.....organizations...	7	7	...	...	...	...	...
Total water conveyed.....acre-feet...	45,000	45,000	...	...	...	...	...
From surface and ground water sources.....acre-feet...	19,080	19,080	...	...	...	...	...
From other irrigation organizations.....acre-feet...	25,920	25,920	...	...	...	...	...
Water delivered.....acre-feet...	40,500	40,500	...	...	...	...	...
To farm and residential users only.....organizations...	7	7	...	...	...	...	...
acre-feet...	40,500	40,500	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	2	1	...	1	...	...	...
Total water conveyed.....acre-feet...	11,420	1,160	...	(D)	...	...	...
Water delivered.....acre-feet...	8,855	1,160	...	(D)	...	...	...
To farm and residential users only.....organizations...	2	1	...	1	...	...	...
acre-feet...	8,855	1,160	...	(D)	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	79	67	10	2	...	...	...
acres served...	65,797	35,584	22,990	(D)	...	...	...
acres irrigated...	60,905	32,309	21,535	(D)	...	...	...
water delivered to farms (acre-feet)...	355,311	225,791	88,225	(D)	...	...	...
acre-feet per acre...	5.8	7.0	4.0	(D)	...	...	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	3	1	2	...	...	...	...
acres served...	10,567	672	9,895	...	...	...	...
acres irrigated...	9,705	600	9,105	...	...	...	...
water delivered to farms (acre-feet)...	24,339	2,436	21,903	...	...	...	...
acre-feet per acre...	2.5	4.0	2.4	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	45	38	5	2	...	...	...
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	193,152	111,554	40,567	(D)	...	...	...

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Snake River above American Falls, Idaho (I-H)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	83	69	12	2	...	...	...
acre-feet...	474,779	271,782	158,197	(D)	...	...	...
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	81	68	12	1	...	...	...
acre-feet...	474,779	271,782	158,197	(D)	...	...	...
Surface water.....organizations...	76	63	12	1	...	...	...
acre-feet...	470,829	267,832	158,197	(D)	...	...	...
Ground water.....organizations...	5	5	...	...	...	...	...
acre-feet...	3,950	3,950	...	...	...	...	...
From other organizations in the basin.....organizations receiving...	9	8	...	1	...	...	...
acre-feet...	37,340	27,080	...	(D)	...	...	...
Total leaving conveyance systems.....organizations...	83	69	12	2	...	...	...
acre-feet...	474,779	272,942	146,777	(D)	...	...	...
Conveyance loss in basin.....organizations...	81	67	12	2	...	...	...
acre-feet...	83,017	43,207	26,045	(D)	...	...	...
Conveyed to another drainage basin.....organizations...	7	2	5	...	...	...	...
acre-feet...	26,069	3,889	22,180	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	76	66	8	2	...	...	...
acre-feet...	365,693	225,846	98,552	(D)	...	...	...
To farm irrigation water users.....organizations...	76	66	8	2	...	...	...
acre-feet...	356,581	225,338	89,948	(D)	...	...	...
To domestic water users.....organizations...	8	3	5	...	...	...	...
acre-feet...	9,112	508	8,604	...	...	...	...
For other use.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Delivered to other irrigation organizations.....organizations delivering...	3	1	2	...	...	...	...
acre-feet...	37,340	25,920	11,420	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	1	1	...	(D)	...	...	...
1 to 3 water users.....organizations...	29	28	1	(D)	...	...	...
4 to 9 water users.....organizations...	28	27	1	(D)	...	...	...
10 to 29 water users.....organizations...	18	12	5	(D)	...	...	...
30 to 99 water users.....organizations...	7	1	5	(D)	...	...	...
100 to 299 water users.....organizations...	...	...	...	...	...	...	...
300 to 999 water users.....organizations...	...	...	...	...	...	...	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	1	1	...	(D)	...	...	...
1 to 299 acre-feet.....organizations...	3	3	...	(D)	...	...	...
300 to 999 acre-feet.....organizations...	25	24	1	(D)	...	...	...
1,000 to 2,999 acre-feet.....organizations...	18	17	1	(D)	...	...	...
3,000 to 9,999 acre-feet.....organizations...	26	19	6	(D)	...	...	...
10,000 to 29,999 acre-feet.....organizations...	9	5	4	(D)	...	...	...
30,000 to 99,999 acre-feet.....organizations...	1	...	...	(D)	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	(D)	...	...	...
1 to 299 acre-feet.....organizations...	3	3	...	(D)	...	...	...
300 to 999 acre-feet.....organizations...	17	17	...	(D)	...	...	...
1,000 to 2,999 acre-feet.....organizations...	22	21	1	(D)	...	...	...
3,000 to 9,999 acre-feet.....organizations...	26	20	6	(D)	...	...	...
10,000 to 29,999 acre-feet.....organizations...	13	8	4	(D)	...	...	...
30,000 to 99,999 acre-feet.....organizations...	2	...	1	(D)	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Bear River and Green River (III-E and IV-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	104	80	18	6	...	1	...
1949...	63	41	18	3	...	NA	1
Service area, 1959:							
Area served, as reported by organizations.....acres...	202,551	74,010	67,375	61,166	...	(D)	...
Area irrigated, as reported by organizations.....acres...	177,286	67,092	59,431	50,763	...	(D)	...
Water users served, 1959, total.....water users...	854	360	298	196	...	(D)	...
Farm irrigation water users.....water users...	833	339	298	196	...	(D)	...
Residential water users.....water users...	21	21	...	...	...	...	...
Other water users.....water users...	...	...	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	103	80	17	6	...	1	...
Total water conveyed.....acre-feet...	589,277	231,306	158,433	199,538	...	(D)	...
Water delivered.....acre-feet...	496,172	198,503	130,204	167,465	...	(D)	...
To farm and residential users only.....organizations...	102	80	16	6	...	1	...
acre-feet...	492,041	198,503	126,073	167,465	...	(D)	...
To farm and residential users and other irrigation organizations.....organizations...	1	...	1	...	...	...	...
Water to farm and residential users.....acre-feet...	3,331	...	3,331	...	...	...	...
Water to other irrigation organizations.....acre-feet...	800	...	800	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	1	...	1	...	...	...	...
Total water conveyed.....acre-feet...	4,760	...	4,760	...	...	...	...
From surface and ground water sources.....acre-feet...	3,960	...	3,960	...	...	...	...
From other irrigation organizations.....acre-feet...	800	...	800	...	...	...	...
Water delivered.....acre-feet...	4,284	...	4,284	...	...	...	...
To farm and residential users only.....organizations...	1	...	1	...	...	...	...
acre-feet...	4,284	...	4,284	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	...	...	...	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	99	77	17	5	...	1	...
acres served...	201,567	70,231	72,820	58,516	...	(D)	...
acres irrigated...	176,965	63,313	64,876	48,776	...	(D)	...
water delivered to farms (acre-feet)...	493,287	190,453	137,409	165,425	...	(D)	...
acre-feet per acre...	2.8	3.0	2.1	3.4	...	(D)	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	5	3	1	1	...	...	...
acres served...	8,279	3,779	1,850	2,650	...	...	...
acres irrigated...	7,616	3,779	1,850	1,987	...	...	...
water delivered to farms (acre-feet)...	15,188	7,840	5,308	2,040	...	...	...
acre-feet per acre...	2.0	2.0	2.9	1.0	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	51	35	12	4	...	...	...
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	387,444	101,356	255,250	30,838	...	...	...

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Bear River and Green River (III-E and IV-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	104	80	18	6	...	1	...
acre-feet...	593,237	231,306	162,393	199,538	...	(D)	...
From another drainage basin.....organizations...	3	...	3	...	...	...	...
acre-feet...	10,320	...	10,320	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	102	80	16	6	...	1	...
acre-feet...	582,917	231,306	152,073	199,538	...	(D)	...
Surface water.....organizations...	102	80	16	6	...	1	...
acre-feet...	582,917	231,306	152,073	199,538	...	(D)	...
Ground water.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From other organizations in the basin .....organizations receiving...	1	...	1	...	...	...	...
acre-feet...	800	...	800	...	...	...	...
Total leaving conveyance systems.....organizations...	104	80	18	6	...	1	...
acre-feet...	593,237	231,306	162,393	199,538	...	(D)	...
Conveyance loss in basin.....organizations...	100	77	17	6	...	1	...
acre-feet...	83,183	32,803	18,307	32,073	...	(D)	...
Conveyed to another drainage basin.....organizations...	2	...	2	...	...	...	...
acre-feet...	10,398	...	10,398	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	104	80	18	6	...	1	...
acre-feet...	499,656	198,503	133,688	167,465	...	(D)	...
To farm irrigation water users.....organizations...	104	80	18	6	...	1	...
acre-feet...	499,446	198,293	133,688	167,465	...	(D)	...
To domestic water users.....organizations...	2	2	...	...	...	...	...
acre-feet...	210	210	...	...	...	...	...
For other use.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Delivered to other irrigation organizations..... organizations delivering...	1	...	1	...	...	...	...
acre-feet...	800	...	800	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	...	...	...	...	...	...	...
1 to 3 water users.....organizations...	51	49	2	...	...	...	...
4 to 9 water users.....organizations...	29	24	4	1	...	...	...
10 to 29 water users.....organizations...	21	7	11	3	...	...	...
30 to 99 water users.....organizations...	3	...	1	2	...	(D)	...
100 to 299 water users.....organizations...	...	...	...	...	...	...	...
300 to 999 water users.....organizations...	...	...	...	...	...	...	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	7	7	...	...	...	...	...
300 to 999 acre-feet.....organizations...	25	25	...	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	29	25	3	1	...	...	...
3,000 to 9,999 acre-feet.....organizations...	29	19	10	...	...	...	...
10,000 to 29,999 acre-feet.....organizations...	10	4	4	2	...	...	...
30,000 to 99,999 acre-feet.....organizations...	4	...	1	3	...	(D)	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	...	...	...	...	...	...	...
1 to 299 acre-feet.....organizations...	5	5	...	...	...	...	...
300 to 999 acre-feet.....organizations...	24	24	...	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	29	26	2	1	...	...	...
3,000 to 9,999 acre-feet.....organizations...	32	21	11	...	...	...	...
10,000 to 29,999 acre-feet.....organizations...	10	4	4	2	...	...	...
30,000 to 99,999 acre-feet.....organizations...	4	...	1	3	...	(D)	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Platte River (VI-D and VI-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	142	113	15	9	3	4	2
1949...	161	132	20	7	2	NA	...
Service area, 1959:							
Area served, as reported by organizations.....acres...	(D)	135,317	45,105	(D)	...	(D)	(D)
Area irrigated, as reported by organizations.....acres...	(D)	124,217	44,742	(D)	...	(D)	(D)
Water users served, 1959, total.....water users...	(D)	548	505	(D)	...	(D)	(D)
Farm irrigation water users:.....water users...	(D)	548	382	(D)	...	(D)	(D)
Residential water users.....water users...	(D)	...	123	(D)	...	...	...
Other water users.....water users...	(D)	...	...	(D)	...	...	(D)
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	110	87	14	7	...	3	2
Total water conveyed.....acre-feet...	1,172,425	202,218	70,233	(D)	...	(D)	(D)
Water delivered.....acre-feet...	624,310	168,600	53,658	(D)	...	(D)	(D)
To farm and residential users only.....organizations...	107	87	14	4	...	1	2
acre-feet...	299,867	168,600	53,658	(D)	...	(D)	(D)
To farm and residential users and other irrigation organizations.....organizations...	3	...	...	3	...	(D)	...
Water to farm and residential users.....acre-feet...	107,273	...	...	(D)	...	(D)	...
Water to other irrigation organizations.....acre-feet...	217,170	...	...	(D)	...	(D)	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
Part of water from other organizations.....organizations...	2	1	1	...	...	...	...
Total water conveyed.....acre-feet...	42,020	1,972	40,048	...	...	...	...
From surface and ground water sources.....acre-feet...	24,634	1,200	23,434	...	...	...	...
From other irrigation organizations.....acre-feet...	17,386	772	16,614	...	...	...	...
Water delivered.....acre-feet...	35,813	1,772	34,041	...	...	...	...
To farm and residential users only.....organizations...	2	1	1	...	...	...	...
acre-feet...	35,813	1,772	34,041	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	27	25	...	2	...	1	...
Total water conveyed.....acre-feet...	199,784	41,680	...	(D)	...	(D)	...
Water delivered.....acre-feet...	50,354	37,641	...	(D)	...	...	...
To farm and residential users only.....organizations...	27	25	...	2	...	...	...
acre-feet...	50,354	37,641	...	(D)	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	3	...	...	...	3	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	135	112	14	7	...	3	2
acres served...	445,254	134,890	37,266	(D)	...	(D)	(D)
acres irrigated...	432,387	123,790	37,003	(D)	...	(D)	(D)
water delivered to farms (acre-feet)...	700,405	207,433	66,688	(D)	...	(D)	(D)
acre-feet per acre...	1.6	1.7	1.8	(D)	...	(D)	(D)
Organizations reporting water from other sources used on land served by the organization.....organizations...	4	1	2	1	...	...	...
acres served...	10,014	427	7,839	(D)	...	...	...
acres irrigated...	9,914	427	7,739	(D)	...	...	...
water delivered to farms (acre-feet)...	23,959	580	20,518	(D)	...	...	...
acre-feet per acre...	2.4	1.4	2.6	(D)	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	53	40	6	5	2	3	...
By U. S. B. R.....dollars...	5,652,881	...	...	(D)	4,247,198	(D)	...
By water users organizations.....dollars...	2,886,331	66,531	71,800	(D)	...	(D)	...

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Platte River (VI-D and VI-E)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	139	113	15	9	...	4	2
acre-feet...	(D)	203,418	93,667	(D)	...	(D)	(D)
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	112	88	15	7	...	3	2
acre-feet...	(D)	203,418	93,667	(D)	...	(D)	(D)
Surface water.....organizations...	111	88	14	7	...	3	2
acre-feet...	(D)	203,418	91,507	(D)	...	(D)	(D)
Ground water.....organizations...	1	...	1	...	...	...	...
acre-feet...	(D)	...	2,160	...	...	...	...
From other organizations in the basin.....organizations receiving...	29	26	1	2	...	1	...
acre-feet...	(D)	42,452	16,614	(D)	...	(D)	...
Total leaving conveyance systems.....organizations...	139	113	15	9	...	3	2
acre-feet...	(D)	245,870	110,281	(D)	...	(D)	(D)
Conveyance loss in basin.....organizations...	130	106	15	7	...	2	2
acre-feet...	(D)	37,857	22,582	(D)	...	(D)	(D)
Conveyed to another drainage basin.....organizations...	2	...	...	2	...	2	...
acre-feet...	(D)	...	...	(D)	...	(D)	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	138	113	15	8	...	3	2
acre-feet...	(D)	208,013	87,699	(D)	...	(D)	(D)
To farm irrigation water users.....organizations...	138	113	15	8	...	3	2
acre-feet...	(D)	208,013	87,206	(D)	...	(D)	(D)
To domestic water users.....organizations...	3	...	1	2	...	...	...
acre-feet...	(D)	...	493	(D)	...	...	...
For other use.....organizations...	2	...	...	1	...	...	1
acre-feet...	(D)	...	...	(D)	...	...	(D)
Delivered to other irrigation organizations.....organizations delivering...	3	...	...	3	...	2	...
acre-feet...	(D)	...	...	(D)	...	(D)	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	3	...	...	(D)	3	(D)	(D)
1 to 3 water users.....organizations...	68	64	3	(D)	...	(D)	(D)
4 to 9 water users.....organizations...	40	33	6	(D)	...	(D)	(D)
10 to 29 water users.....organizations...	19	16	1	(D)	...	(D)	(D)
30 to 99 water users.....organizations...	7	...	5	(D)	...	(D)	(D)
100 to 299 water users.....organizations...	2	...	...	(D)	...	(D)	(D)
300 to 999 water users.....organizations...	2	...	...	(D)	...	(D)	(D)
1,000 or more water users.....organizations...	1	...	...	(D)	...	(D)	(D)
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	3	...	...	(D)	3	(D)	(D)
1 to 299 acre-feet.....organizations...	17	16	1	(D)	...	(D)	(D)
300 to 999 acre-feet.....organizations...	37	34	2	(D)	...	(D)	(D)
1,000 to 2,999 acre-feet.....organizations...	52	45	6	(D)	...	(D)	(D)
3,000 to 9,999 acre-feet.....organizations...	23	16	4	(D)	...	(D)	(D)
10,000 to 29,999 acre-feet.....organizations...	4	2	1	(D)	...	(D)	(D)
30,000 to 99,999 acre-feet.....organizations...	5	...	1	(D)	...	(D)	(D)
100,000 or more acre-feet.....organizations...	1	...	...	(D)	...	(D)	(D)
Size of organization (acre-feet of water conveyed):							
None.....organizations...	3	...	...	(D)	3	(D)	(D)
1 to 299 acre-feet.....organizations...	12	11	1	(D)	...	(D)	(D)
300 to 999 acre-feet.....organizations...	35	34	1	(D)	...	(D)	(D)
1,000 to 2,999 acre-feet.....organizations...	51	43	7	(D)	...	(D)	(D)
3,000 to 9,999 acre-feet.....organizations...	28	22	4	(D)	...	(D)	(D)
10,000 to 29,999 acre-feet.....organizations...	7	3	1	(D)	...	(D)	(D)
30,000 to 99,999 acre-feet.....organizations...	3	...	1	(D)	...	(D)	(D)
100,000 or more acre-feet.....organizations...	3	...	...	(D)	...	(D)	(D)

D Data not shown to avoid disclosure of information for individual organizations.
NA Not available.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Yellowstone River direct above Livingston, Clarks Fork direct, and Big Horn River (VI-F-1d, 4a, and VI-G)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	224	161	34	20	3	7	6
1949...	232	175	38	16	2	NA	1
Service area, 1959:							
Area served, as reported by organizations.....acres...	488,923	80,096	122,369	204,811	42,730	111,953	38,917
Area irrigated, as reported by organizations.....acres...	439,585	64,838	112,491	191,949	40,540	104,560	29,767
Water users served, 1959, total.....water users...	5,498	686	1,135	3,185	204	1,117	288
Farm irrigation water users.....water users...	4,596	574	1,099	2,431	204	1,091	288
Residential water users.....water users...	893	110	32	751	...	25	...
Other water users.....water users...	9	2	4	3	...	1	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	207	153	31	16	1	4	6
Total water conveyed.....acre-feet...	2,400,740	255,531	678,439	1,117,924	154,296	622,670	194,550
Water delivered.....acre-feet...	1,823,345	205,597	504,631	856,383	86,714	459,037	170,020
To farm and residential users only.....organizations...	195	153	26	9	1	1	6
acre-feet...	1,236,458	205,597	481,052	293,075	86,714	53,595	170,020
To farm and residential users and other irrigation organizations.....organizations...	10	...	5	5	...	2	...
Water to farm and residential users.....acre-feet...	345,803	...	12,104	333,699	...	236,503	...
Water to other irrigation organizations.....acre-feet...	220,370	...	11,475	208,895	...	148,225	...
To other irrigation organizations only.....organizations...	1	...	...	1	...	1	...
acre-feet...	20,714	...	...	20,714	...	20,714	...
Part of water from other organizations.....organizations...	10	5	2	2	1	1	...
Total water conveyed.....acre-feet...	165,019	9,166	17,692	82,368	55,793	73,088	...
From surface and ground water sources.....acre-feet...	[1]-18,190	256	[1]-6,382	11,280	[1]-23,344	4,000	...
From other irrigation organizations.....acre-feet...	183,209	8,910	24,074	71,088	79,137	69,088	...
Water delivered.....acre-feet...	107,989	7,312	13,213	47,768	39,696	34,328	...
To farm and residential users only.....organizations...	10	5	2	2	1	1	...
acre-feet...	107,989	7,312	13,213	47,768	39,696	34,328	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	6	3	1	2	...	2	...
Total water conveyed.....acre-feet...	57,875	1,455	23,220	33,200	...	33,200	...
Water delivered.....acre-feet...	46,564	1,280	20,124	25,160	...	25,160	...
To farm and residential users only.....organizations...	6	3	1	2	...	2	...
acre-feet...	46,564	1,280	20,124	25,160	...	25,160	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	1	...	...	...	1	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	213	156	31	18	2	6	6
acres served...	478,204	75,200	116,289	205,068	42,730	112,053	38,917
acres irrigated...	432,945	62,501	108,111	192,026	40,540	104,560	29,767
water delivered to farms (acre-feet)...	1,705,940	209,469	503,516	696,525	126,410	349,571	170,020
acre-feet per acre...	3.9	3.4	4.6	3.6	3.1	3.3	5.7
Organizations reporting water from other sources used on land served by the organization.....organizations...	8	5	3	...	...	...	...
acres served...	11,226	5,146	6,080	...	...	...	...
acres irrigated...	6,967	2,587	4,380	...	...	...	...
water delivered to farms (acre-feet)...	25,949	4,589	21,360	...	...	...	...
acre-feet per acre...	3.7	1.8	4.9	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	127	81	23	14	3	7	6
By U. S. B. R.....dollars...	14,506,938	...	...	3,118,926	11,388,012	3,118,926	...
By water users organizations.....dollars...	1,835,178	160,048	293,584	811,788	...	625,903	569,758

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Yellowstone River direct above Livingston, Clarks Fork direct, and Big Horn River (VI-F-1d, 4a, and VI-G)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	223	161	34	20	2	7	6
acre-feet...	2,382,550	255,787	672,057	1,129,204	130,952	618,670	194,550
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	217	158	33	18	2	5	6
acre-feet...	2,382,550	255,787	672,057	1,129,204	130,952	626,670	194,550
Surface water.....organizations...	217	158	33	18	2	5	6
acre-feet...	2,382,550	255,787	672,057	1,129,204	130,952	626,670	194,550
Ground water.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From other organizations in the basin.....organizations receiving...	16	8	3	4	1	3	...
acre-feet...	241,084	10,365	47,294	104,288	79,137	102,288	...
Total leaving conveyance systems.....organizations...	223	161	34	20	2	7	6
acre-feet...	2,382,550	266,152	707,876	1,003,883	210,089	552,019	194,550
Conveyance loss in basin.....organizations...	218	158	33	19	2	6	6
acre-feet...	640,630	49,623	178,943	303,855	83,679	202,167	24,530
Conveyed to another drainage basin.....organizations...	2	1	...	1	...	1	...
acre-feet...	2,506	2,290	...	216	...	216	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	221	161	34	18	2	6	6
acre-feet...	1,739,414	214,239	528,933	699,812	126,410	349,636	170,020
To farm irrigation water users.....organizations...	221	161	34	18	2	6	6
acre-feet...	1,730,923	213,308	524,876	696,309	126,410	349,571	170,020
To domestic water users.....organizations...	15	7	2	6	...	1	...
acre-feet...	5,891	881	1,617	3,393	...	15	...
For other use.....organizations...	6	1	3	2	...	1	...
acre-feet...	2,600	50	2,440	110	...	50	...
Delivered to other irrigation organizations.....organizations delivering...	11	...	5	6	...	3	...
acre-feet...	241,084	...	11,475	229,609	...	168,939	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	3	...	...	2	1	1	...
1 to 3 water users.....organizations...	97	97	...	...	...	...	...
4 to 9 water users.....organizations...	75	60	13	1	...	...	1
10 to 29 water users.....organizations...	23	4	13	5	...	1	1
30 to 99 water users.....organizations...	12	...	5	2	1	1	4
100 to 299 water users.....organizations...	11	...	3	7	1	2	...
300 to 999 water users.....organizations...	3	...	...	3	...	2	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	3	...	...	2	1	1	...
1 to 299 acre-feet.....organizations...	40	39	...	1	...	...	...
300 to 999 acre-feet.....organizations...	46	43	3	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	69	60	9	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	34	19	10	3	...	1	2
10,000 to 29,999 acre-feet.....organizations...	13	...	8	4	...	1	1
30,000 to 99,999 acre-feet.....organizations...	16	...	3	8	2	2	3
100,000 or more acre-feet.....organizations...	3	...	1	2	...	2	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	1	...	...	...	1	...	...
1 to 299 acre-feet.....organizations...	31	30	...	1	...	...	...
300 to 999 acre-feet.....organizations...	47	47	...	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	69	62	7	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	39	22	12	3	...	1	2
10,000 to 29,999 acre-feet.....organizations...	18	...	11	6	...	2	1
30,000 to 99,999 acre-feet.....organizations...	14	...	2	8	1	2	3
100,000 or more acre-feet.....organizations...	5	...	2	2	1	2	...

NA Not available. [1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Yellowstone River excluding Big Horn River and Clarks Fork (VI-F)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
Irrigation organizations.....organizations 1959...	131	97	34	...	...	...	...
1949...	129	100	28	...	...	NA	1
Service area, 1959:							
Area served, as reported by organizations.....acres...	115,655	53,511	62,144	...	...	...	...
Area irrigated, as reported by organizations.....acres...	98,359	47,067	51,292	...	...	...	...
Water users served, 1959, total.....water users...	967	463	504	...	...	...	...
Farm irrigation water users.....water users...	964	460	504	...	...	...	...
Residential water users.....water users...	2	2	...	...	...	...	...
Other water users.....water users...	1	1	...	...	...	...	...
TYPE OF SERVICE, 1959							
All water directly from surface and ground water sources.....organizations...	118	94	24	...	...	...	...
Total water conveyed.....acre-feet...	214,994	113,237	101,757	...	...	...	...
Water delivered.....acre-feet...	177,230	94,449	82,781	...	...	...	...
To farm and residential users only.....organizations...	111	93	18	...	...	...	...
acre-feet...	159,765	92,087	67,678	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	1	...	1	...	...	...	...
Water to farm and residential users.....acre-feet...	4,272	...	4,272	...	...	...	...
Water to other irrigation organizations.....acre-feet...	5,568	...	5,568	...	...	...	...
To other irrigation organizations only.....organizations...	4	1	3	...	...	...	...
acre-feet...	7,625	2,362	5,263	...	...	...	...
Part of water from other organizations.....organizations...	7	1	6	...	...	...	...
Total water conveyed.....acre-feet...	53,108	2,091	51,017	...	...	...	...
From surface and ground water sources.....acre-feet...	33,795	[1]-522	34,317	...	...	...	...
From other irrigation organizations.....acre-feet...	19,313	2,613	16,700	...	...	...	...
Water delivered.....acre-feet...	41,749	1,569	40,180	...	...	...	...
To farm and residential users only.....organizations...	5	1	4	...	...	...	...
acre-feet...	31,352	1,569	29,783	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	2	...	2	...	...	...	...
Water to farm and residential users.....acre-feet...	4,277	...	4,277	...	...	...	...
Water to other irrigation organizations.....acre-feet...	6,120	...	6,120	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
All of water from other organizations.....organizations...	...	...	...	...	...	...	...
Total water conveyed.....acre-feet...	...	...	...	...	...	...	...
Water delivered.....acre-feet...	...	...	...	...	...	...	...
To farm and residential users only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...
Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...
Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...
To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
No water conveyed.....organizations...	6	2	4	...	...	...	...
WATER FROM OTHER SOURCES							
Organizations reporting no water from other sources used on the land served by the organization.....organizations...	116	93	23	...	...	...	...
acres served...	108,985	52,711	56,274	...	...	...	...
acres irrigated...	94,601	46,267	48,334	...	...	...	...
water delivered to farms (acre-feet)...	191,852	92,007	99,845	...	...	...	...
acre-feet per acre...	2.0	2.0	2.1	...	...	...	...
Organizations reporting water from other sources used on land served by the organization.....organizations...	3	1	2	...	...	...	...
acres served...	6,810	800	6,010	...	...	...	...
acres irrigated...	3,898	800	3,098	...	...	...	...
water delivered to farms (acre-feet)...	7,236	791	6,445	...	...	...	...
acre-feet per acre...	1.9	1.0	2.1	...	...	...	...
NEW CAPITAL INVESTMENT, 1950-1959							
Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	101	74	27	...	...	...	...
By U. S. B. R.....dollars...	...	...	...	...	...	...	...
By water users organizations.....dollars...	600,809	104,636	496,173	...	...	...	...

See footnotes at end of table.

State Table 4.–NUMBER AND CHARACTERISTICS OF IRRIGATION ORGANIZATIONS, BY TYPE OF ORGANIZATION, BY SIZE OF ORGANIZATION, AND NEW CAPITAL INVESTMENT, BY DRAINAGE BASINS: CENSUSES OF 1959 AND 1950–Con.

Item (For definitions and explanations, see text)	Yellowstone River excluding Big Horn River and Clarks Fork (VI-F)						
	All types	Mutual		District	U. S. Bureau of Reclamation		Commercial, Indian, State, city, and other
		Unincorporated	Incorporated		Projects and storage systems operated by bureau	Operated by water users	
WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959							
Total entering conveyance systems.....organizations...	125	95	30	...	...	...	...
acre-feet...	248,789	112,715	136,074	...	...	...	...
From another drainage basin.....organizations...	...	...	...	...	...	...	...
acre-feet...	...	...	...	...	...	...	...
From drainage basin.....D. B. No....	...	...	...	...	...	...	...
From sources within basin.....organizations...	125	95	30	...	...	...	...
acre-feet...	248,789	112,715	136,074	...	...	...	...
Surface water.....organizations...	125	95	30	...	...	...	...
acre-feet...	248,489	112,415	136,074	...	...	...	...
Ground water.....organizations...	1	1	...	...	...	...	...
acre-feet...	300	300	...	...	...	...	...
From other organizations in the basin.....organizations receiving...	7	1	6	...	...	...	...
acre-feet...	19,313	2,613	16,700	...	...	...	...
Total leaving conveyance systems.....organizations...	125	95	30	...	...	...	...
acre-feet...	248,789	112,966	135,823	...	...	...	...
Conveyance loss in basin.....organizations...	123	94	29	...	...	...	...
acre-feet...	48,841	19,308	29,533	...	...	...	...
Conveyed to another drainage basin.....organizations...	1	...	1	...	...	...	...
acre-feet...	280	...	280	...	...	...	...
To drainage basin number.....D. B. No....	...	...	...	...	...	...	...
Delivered for use in the basin.....organizations...	119	94	25	...	...	...	...
acre-feet...	199,668	93,658	106,010	...	...	...	...
To farm irrigation water users.....organizations...	119	94	25	...	...	...	...
acre-feet...	198,808	92,798	106,010	...	...	...	...
To domestic water users.....organizations...	1	1	...	...	...	...	...
acre-feet...	858	858	...	...	...	...	...
For other use.....organizations...	1	1	...	...	...	...	...
acre-feet...	2	2	...	...	...	...	...
Delivered to other irrigation organizations..... organizations delivering...	7	1	6	...	...	...	...
acre-feet...	19,313	2,362	16,951	...	...	...	...
SIZE OF ORGANIZATION, 1959							
Size of organization (number of farm irrigation water users):							
None.....organizations...	12	3	9	...	...	...	...
1 to 3 water users.....organizations...	62	61	1	...	...	...	...
4 to 9 water users.....organizations...	29	22	7	...	...	...	...
10 to 29 water users.....organizations...	23	10	13	...	...	...	...
30 to 99 water users.....organizations...	5	1	4	...	...	...	...
100 to 299 water users.....organizations...	...	...	...	...	...	...	...
300 to 999 water users.....organizations...	...	...	...	...	...	...	...
1,000 or more water users.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water delivered directly to farms):							
None.....organizations...	12	3	9	...	...	...	...
1 to 299 acre-feet.....organizations...	23	21	2	...	...	...	...
300 to 999 acre-feet.....organizations...	45	43	2	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	34	25	9	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	15	5	10	...	...	...	...
10,000 to 29,999 acre-feet.....organizations...	2	...	2	...	...	...	...
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...
Size of organization (acre-feet of water conveyed):							
None.....organizations...	6	2	4	...	...	...	...
1 to 299 acre-feet.....organizations...	17	16	1	...	...	...	...
300 to 999 acre-feet.....organizations...	45	39	6	...	...	...	...
1,000 to 2,999 acre-feet.....organizations...	39	33	6	...	...	...	...
3,000 to 9,999 acre-feet.....organizations...	19	7	12	...	...	...	...
10,000 to 29,999 acre-feet.....organizations...	5	...	5	...	...	...	...
30,000 to 99,999 acre-feet.....organizations...	...	...	...	...	...	...	...
100,000 or more acre-feet.....organizations...	...	...	...	...	...	...	...

NA Not available.

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

State Table 5.—NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959

	Item (For definitions and explanations, see text)	Wyoming, total				Snake River above American Falls, Idaho (I-H)			
		Size of organization, by total water conveyed							
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations.....organizations...	247	355	76	8	20	48	15	...
	TYPE OF SERVICE								
2	All water directly from surface and ground sources.....organizations...	225	317	64	7	20	41	13	...
3	Total water conveyed.....acre-feet...	107,159	1,058,871	1,926,000	1,744,945	11,455	148,644	295,600	...
4	Water delivered.....acre-feet...	89,677	843,136	1,591,609	950,889	9,892	99,217	244,569	...
5	To farm and residential users only.....organizations...	222	306	56	3	20	40	11	...
6	acre-feet...	89,164	800,284	1,273,347	314,170	9,892	98,057	180,309	...
7	To farm and residential users and other irrigation organizations.....organizations...	...	8	5	4	...	1	1	...
8	Water to farm and residential users.....acre-feet...	...	20,055	154,928	313,776	...	...	28,080	...
9	Water to other irrigation organizations.....acre-feet...	...	15,685	116,700	322,943	...	1,160	10,260	...
10	To other irrigation organizations only.....organizations...	1	3	2	...	...	...	1	...
11	acre-feet...	513	7,112	46,634	...	...	...	25,920	...
12	Part of water from other organizations.....organizations...	1	18	8	...	...	6	1	...
13	Total water conveyed.....acre-feet...	430	72,447	237,030	...	...	28,440	16,560	...
14	From surface and ground water sources.....acre-feet...	[1]-20	28,863	34,436	...	...	12,110	6,970	...
15	From other irrigation organizations.....acre-feet...	450	43,584	202,594	...	...	16,330	9,590	...
16	Water delivered.....acre-feet...	400	61,409	168,526	...	...	25,596	14,904	...
17	To farm and residential users only.....organizations...	1	16	8	...	...	6	1	...
18	acre-feet...	400	51,012	168,526	...	...	25,596	14,904	...
19	To farm and residential users and other irrigation organizations.....organizations...	...	2	...	...	...	...	...	...
20	Water to farm and residential users.....acre-feet...	...	4,277	...	...	...	...	...	...
21	Water to other irrigation organizations.....acre-feet...	...	6,120	...	...	...	...	...	...
22	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...
24	All of water from other organizations.....organizations...	10	20	4	1	...	1	1	...
25	Total water conveyed.....acre-feet...	5,343	44,152	76,436	143,148	...	1,160	10,260	...
26	Water delivered.....acre-feet...	4,802	39,439	61,532	...	...	1,160	7,695	...
27	To farm and residential users only.....organizations...	10	20	4	1	...	1	1	...
28	acre-feet...	4,802	39,439	61,532	[2]	...	1,160	7,695	...
29	To farm and residential users and other irrigation organizations.....organizations...	...	...	...	...	...	...	...	...
30	Water to farm and residential users.....acre-feet...	...	...	...	...	...	...	...	...
31	Water to other irrigation organizations.....acre-feet...	...	...	...	...	...	...	...	...
32	To other irrigation organizations only.....organizations...	...	...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...	...	...
34	No water conveyed.....organizations...	11	...	...	...	...	...	...	...
	WATER FROM OTHER SOURCES								
35	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	226	339	70	8	20	46	13	...
36	acres served...	65,128	396,131	483,408	356,100	2,887	31,058	31,852	...
37	acres irrigated...	52,444	363,236	438,758	344,325	2,536	28,576	29,793	...
38	Organizations reporting water from other sources used on land served by the organization.....organizations...	7	13	3	...	...	2	1	...
39	acres served...	4,827	29,035	13,034	...	...	7,672	2,895	...
40	acres irrigated...	2,668	22,688	12,744	...	...	7,100	2,605	...
	NEW CAPITAL INVESTMENT, 1950-1959								
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959.....organizations...	119	207	48	5	11	27	7	...
42	dollars...	10,440,779	1,159,989	12,931,853	4,643,512	3,430	73,245	116,477	...
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
43	Total entering conveyance systems in basin.....organizations...	238	353	76	8	20	48	15	...
44	acre-feet...	107,139	1,090,614	1,957,556	1,744,945	11,455	160,754	302,570	...
45	From another drainage basin.....organizations...	...	3	...	...	...	...	...	...
46	acre-feet...	...	10,320	...	...	...	...	...	...
47	From Drainage Basin number.....D. B. No....	...	...	...	...	...	...	...	...
48	From natural sources within basin.....organizations...	226	333	72	7	20	47	14	...
49	acre-feet...	107,139	1,080,294	1,957,556	1,744,945	11,455	160,754	302,570	...
50	Surface water.....organizations...	222	331	72	7	16	46	14	...
51	acre-feet...	105,889	1,075,134	1,957,556	1,744,945	10,205	158,054	302,570	...
52	Ground water.....organizations...	4	3	...	...	4	1	...	...
53	acre-feet...	1,250	5,160	...	...	1,250	2,700	...	...
54	*From other organizations in the basin*.....*organizations receiving*...	11	38	12	1	...	7	2	...
55	*acre-feet*...	5,793	87,736	279,030	143,148	...	17,490	19,850	...
56	Total leaving conveyance systems.....organizations...	238	353	76	8	20	48	15	...
57	acre-feet...	112,419	1,149,433	2,073,252	1,565,150	11,455	177,084	286,240	...
58	Conveyance loss in basin.....organizations...	229	345	73	6	20	46	15	...
59	acre-feet...	18,051	193,385	405,776	398,343	1,563	26,202	55,252	...
60	Conveyed to another drainage basin.....organizations...	...	11	2	2	...	7	...	...
61	acre-feet...	...	38,199	4,254	536,991	...	26,069	...	...
62	To drainage basin number.....D. B. No....	...	...	...	...	...	...	...	...
63	Delivered for use in the basin.....organizations...	235	343	74	7	20	42	14	...
64	acre-feet...	94,368	917,849	1,663,222	629,816	9,892	124,813	230,988	...
65	To farm irrigation water users.....organizations...	235	343	74	7	20	42	14	...
66	acre-feet...	94,189	908,812	1,647,250	627,931	9,892	123,513	223,176	...
67	To residential water users.....organizations...	3	16	9	1	...	4	4	...
68	acre-feet...	177	6,255	11,083	15	...	1,300	7,812	...
69	For other use.....organizations...	1	5	1	2	...	...	...	...
70	acre-feet...	2	2,782	4,889	1,870	...	...	...	...
71	*Delivered to other irrigation organizations*.....*organizations delivering*...	1	14	6	4	...	1	2	...
72	*acre-feet*...	513	28,917	163,334	322,943	...	1,160	36,180	...
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959								
	Per acre irrigated, as reported by irrigation organization:								
73	All organizations.....acre-feet...	1.1	2.6	3.7	3.6	3.9	6.3	6.9	...
74	Organizations reporting NO water from other sources used on land served by the organization.....organizations...	226	339	70	8	20	46	13	...
75	acre-feet...	1.7	2.5	3.6	2.5	3.9	6.1	6.9	...

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State. [2]Delivered by the organization in another drainage basin.

State Table 5.–NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959–Continued

	Item (For definitions and explanations, see text)	Bear River and Green River (III-E and IV-E)				Platte River (VI-D and VI-E)			
		Size of organization, by total water conveyed							
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations....organizations...	29	61	14	...	50	79	10	3
	TYPE OF SERVICE								
2	All water directly from surface and ground sources....organizations...	29	60	14	...	40	60	8	2
3	Total water conveyed....acre-feet...	14,634	218,212	356,431	...	18,976	203,635	242,512	707,302
4	Water delivered....acre-feet...	13,190	184,034	298,948	...	15,544	167,254	189,521	251,991
5	To farm and residential users only....organizations...	29	59	14	...	40	60	7	...
6	acre-feet...	13,190	179,903	298,948	...	15,544	167,254	117,069	...
7	To farm and residential users and other irrigation organizations....organizations...	...	1	...	...	...	...	1	2
8	Water to farm and residential users....acre-feet...	...	3,331	...	...	...	...	30,000	77,273
9	Water to other irrigation organizations....acre-feet...	...	800	...	...	...	...	42,452	174,718
10	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
11	acre-feet...	...	...	...	...	...	...	...	...
12	Part of water from other organizations....organizations...	...	1	...	...	...	1	1	...
13	Total water conveyed....acre-feet...	...	4,760	...	...	...	1,972	40,048	...
14	From surface and ground water sources....acre-feet...	...	3,960	...	...	...	1,200	23,434	...
15	From other irrigation organizations....acre-feet...	...	800	...	...	...	772	16,614	...
16	Water delivered....acre-feet...	...	4,284	...	...	...	1,772	34,041	...
17	To farm and residential users only....organizations...	...	1	...	...	...	1	1	...
18	acre-feet...	...	4,284	...	...	...	1,772	34,041	...
19	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...	...	...	...	...
20	Water to farm and residential users....acre-feet...	...	...	...	...	...	...	...	...
21	Water to other irrigation organizations....acre-feet...	...	...	...	...	...	...	...	...
22	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...
24	All of water from other organizations....organizations...	...	...	...	...	7	18	1	1
25	Total water conveyed....acre-feet...	...	...	...	...	3,888	37,792	14,956	143,148
26	Water delivered....acre-feet...	...	...	...	...	3,522	34,119	12,713	...
27	To farm and residential users only....organizations...	...	...	...	...	7	18	1	1
28	acre-feet...	...	...	...	...	3,522	34,119	12,713	(1)
29	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...	...	...	...	...
30	Water to farm and residential users....acre-feet...	...	...	...	...	...	...	...	...
31	Water to other irrigation organizations....acre-feet...	...	...	...	...	...	...	...	...
32	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...	...	...
34	No water conveyed....organizations...	...	...	...	...	3	...	...	...
	WATER FROM OTHER SOURCES								
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	28	57	14	...	46	77	9	3
36	acres served...	7,596	89,853	104,118	...	17,158	126,914	92,047	209,135
37	acres irrigated...	7,566	82,444	86,955	...	14,059	124,075	85,871	208,382
38	Organizations reporting water from other sources used on land served by the organization....organizations...	1	4	...	...	1	2	1	...
39	acres served...	180	8,099	...	...	427	2,248	7,339	...
40	acres irrigated...	180	7,436	...	...	427	2,148	7,339	...
	NEW CAPITAL INVESTMENT, 1950-1959								
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	8	33	10	...	18	28	5	2
42	dollars...	8,532	139,607	239,305	...	4,266,163	111,647	1,461,402	2,700,000
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
43	Total entering conveyance systems in basin....organizations...	29	61	14	...	47	79	10	3
44	acre-feet...	14,634	225,052	353,551	...	18,976	204,835	265,946	707,302
45	From another drainage basin....organizations...	...	3	...	...	...	...	...	...
46	acre-feet...	...	10,320	...	...	...	...	...	...
47	From Drainage Basin number....D. B. No....	...	...	...	...	...	...	...	...
48	From natural sources within basin....organizations...	29	59	14	...	40	61	9	2
49	acre-feet...	14,634	214,732	353,551	...	18,976	204,835	265,946	707,302
50	Surface water....organizations...	29	59	14	...	40	60	9	2
51	acre-feet...	14,634	214,732	353,551	...	18,976	202,675	265,946	707,302
52	Ground water....organizations...	...	...	...	...	...	1	...	...
53	acre-feet...	...	...	...	...	...	2,160	...	...
54	*From other organizations in the basin....organizations receiving...*	...	1	...	...	7	19	2	1
55	*acre-feet...*	...	800	...	...	3,888	38,564	31,570	143,148
56	Total leaving conveyance systems....organizations...	29	61	14	...	47	79	10	3
57	acre-feet...	14,634	225,052	353,551	...	22,864	243,399	255,064	675,732
58	Conveyance loss in basin....organizations...	26	61	13	...	45	74	10	1
59	acre-feet...	1,444	31,174	50,565	...	3,798	38,202	56,352	61,468
60	Conveyed to another drainage basin....organizations...	...	1	1	...	...	...	...	2
61	acre-feet...	...	6,360	4,038	...	...	...	...	536,991
62	To drainage basin number....D. B. No....	...	...	...	...	...	...	...	...
63	Delivered for use in the basin....organizations...	29	61	14	...	47	79	10	2
64	acre-feet...	13,190	187,518	298,948	...	19,066	205,197	198,712	77,273
65	To farm irrigation water users....organizations...	29	61	14	...	47	79	10	2
66	acre-feet...	13,148	187,350	298,948	...	19,066	201,699	193,810	77,273
67	To residential water users....organizations...	1	1	...	...	...	2	1	...
68	acre-feet...	42	168	...	...	...	1,446	13	...
69	For other use....organizations...	...	...	...	...	...	1	1	...
70	acre-feet...	...	...	...	...	...	2,052	4,889	...
71	*Delivered to other irrigation organizations....organizations delivering...*	...	1	...	...	...	...	1	2
72	*acre-feet...*	...	800	...	...	...	...	42,452	174,718
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959								
	Per acre irrigated, as reported by irrigation organization:								
73	All organizations....acre-feet...	1.7	2.2	3.5	...	0.8	1.7	2.1	1.4
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	28	57	14	...	46	77	9	3
75	acre-feet...	1.7	1.9	2.9	...	1.3	1.6	2.0	1.5

[1]Delivered by the organization in another drainage basin.

State Table 5.--NUMBER OF IRRIGATION ORGANIZATIONS, TYPE OF SERVICE, NEW CAPITAL INVESTMENT, AND WATER CONVEYED, BY SIZE OF ORGANIZATION, BY DRAINAGE BASINS: CENSUS OF 1959--Continued

	Item (For definitions and explanations, see text)	Yellowstone River direct above Livingston, Clarks Fork direct, and Big Horn River (VI-F-1d, 4a and VI-G)				Yellowstone River excluding Big Horn River and Clarks Fork (VI-F)			
		Size of organization, by total water conveyed							
		0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet	0-999 acre-feet	1,000-9,999 acre-feet	10,000-99,999 acre-feet	100,000 or more acre-feet
1	Number of organizations....organizations...	79	108	32	5	68	58	5	...
	TYPE OF SERVICE								
2	All water directly from surface and ground sources....organizations...	74	102	26	5	62	53	3	...
3	Total water conveyed....acre-feet...	31,663	342,468	988,966	1,037,643	30,431	142,072	42,491	...
4	Water delivered....acre-feet...	26,034	274,211	824,202	698,898	25,017	117,844	34,369	...
5	To farm and residential users only....organizations...	74	96	22	3	59	50	2	...
6	acre-feet...	26,034	243,762	652,492	314,170	24,504	110,732	24,529	...
7	To farm and residential users and other irrigation organizations....organizations...	...	6	2	2	...	...	1	...
8	Water to farm and residential users....acre-feet...	...	16,724	92,576	236,503	...	...	4,272	...
9	Water to other irrigation organizations....acre-feet...	...	13,725	58,420	148,225	...	...	5,568	...
10	To other irrigation organizations only....organizations...	...	...	1	...	1	3	...	...
11	acre-feet...	...	...	20,714	...	513	7,112	...	...
12	Part of water from other organizations....organizations...	1	5	4	...	...	5	2	...
13	Total water conveyed....acre-feet...	430	11,928	152,661	...	...	25,347	27,761	...
14	From surface and ground water sources....acre-feet...	[1]-20	108	[1]-18,278	...	...	11,485	22,310	...
15	From other irrigation organizations....acre-feet...	450	11,820	170,939	...	...	13,862	5,451	...
16	Water delivered....acre-feet...	400	9,768	97,821	...	...	19,989	21,760	...
17	To farm and residential users only....organizations...	1	5	4	...	...	3	2	...
18	acre-feet...	400	9,768	97,821	...	...	9,592	21,760	...
19	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...	...	2	...	...
20	Water to farm and residential users....acre-feet...	...	...	...	...	...	4,277	...	...
21	Water to other irrigation organizations....acre-feet...	...	...	...	...	...	6,120	...	...
22	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
23	acre-feet...	...	...	...	...	...	...	...	...
24	All of water from other organizations....organizations...	3	1	2	...	...	...	...	...
25	Total water conveyed....acre-feet...	1,455	5,200	51,220	...	...	...	...	...
26	Water delivered....acre-feet...	1,280	4,160	41,124	...	...	...	...	...
27	To farm and residential users only....organizations...	3	1	2	...	...	...	...	...
28	acre-feet...	1,280	4,160	41,124	...	...	...	...	...
29	To farm and residential users and other irrigation organizations....organizations...	...	...	...	...	...	...	...	...
30	Water to farm and residential users....acre-feet...	...	...	...	...	...	...	...	...
31	Water to other irrigation organizations....acre-feet...	...	...	...	...	...	...	...	...
32	To other irrigation organizations only....organizations...	...	...	...	...	...	...	...	...
33	acre-feet...	...	...	...	...	...	...	...	...
34	No water conveyed....organizations...	1	...	...	...	6	...	...	...
	WATER FROM OTHER SOURCES								
35	Organizations reporting NO water from other sources used on land served by the organization....organizations...	75	104	29	5	57	54	5	...
36	acres served...	21,845	78,466	230,928	146,965	15,642	68,880	24,463	...
37	acres irrigated...	15,301	69,085	212,616	135,943	12,982	58,096	23,523	...
38	Organizations reporting water from other sources used on land served by the organization....organizations...	3	5	...	...	2	1	...	...
39	acres served...	2,920	8,306	...	...	1,300	5,510	...	...
40	acres irrigated...	861	6,106	...	...	1,200	2,698	...	...
	NEW CAPITAL INVESTMENT, 1950-1959								
41	Expenditures for additional new works and equipment for irrigation and drainage, January 1, 1950-December 31, 1959....organizations...	30	71	23	3	51	47	3	...
42	dollars...	2,682,292	671,947	11,044,365	1,943,512	367,228	163,277	70,304	...
	WATER CONVEYED BY IRRIGATION ORGANIZATIONS, 1959								
43	Total entering conveyance systems in basin....organizations...	78	108	32	5	62	58	5	...
44	acre-feet...	31,643	342,576	970,688	1,037,643	30,431	153,557	64,801	...
45	From another drainage basin....organizations...	...	...	...	...	...	...	...	...
46	acre-feet...	...	...	...	...	...	...	...	...
47	From Drainage Basin number....D. B. No....	...	...	...	...	...	...	...	...
48	From natural sources within basin....organizations...	75	107	30	5	62	58	5	...
49	acre-feet...	31,643	342,576	970,688	1,037,643	30,431	153,557	64,801	...
50	Surface water....organizations...	75	107	30	5	62	58	5	...
51	acre-feet...	31,643	342,576	970,688	1,037,643	30,431	153,257	64,801	...
52	Ground water....organizations...	...	...	...	...	...	...	1	...
53	acre-feet...	...	...	...	...	...	...	300	...
54	*From other organizations in the basin....organizations receiving...*	4	6	6	...	...	5	2	...
55	*acre-feet...*	1,905	17,020	222,159	...	...	13,862	5,451	...
56	Total leaving conveyance systems....organizations...	78	108	32	5	62	58	5	...
57	acre-feet...	33,548	345,871	1,113,713	889,418	29,918	154,187	64,684	...
58	Conveyance loss in basin....organizations...	78	105	30	5	61	57	5	...
59	acre-feet...	5,834	68,437	229,484	336,875	5,412	29,306	14,123	...
60	Conveyed to another drainage basin....organizations...	...	1	1	...	...	1	...	...
61	acre-feet...	...	2,290	216	...	...	280	...	...
62	To drainage basin number....D. B. No....	...	...	...	...	...	...	...	...
63	Delivered for use in the basin....organizations...	78	108	30	5	60	54	5	...
64	acre-feet...	27,714	275,144	884,013	552,543	24,506	124,601	50,561	...
65	To farm irrigation water users....organizations...	78	108	30	5	60	54	5	...
66	acre-feet...	27,579	271,931	880,755	550,658	24,504	123,743	50,561	...
67	To residential water users....organizations...	2	8	4	1	...	1	...	...
68	acre-feet...	135	2,483	3,258	15	...	858	...	...
69	For other use....organizations...	...	4	...	2	1	...	...	...
70	acre-feet...	...	730	...	1,870	2	...	...	...
71	*Delivered to other irrigation organizations....organizations delivering...*	...	6	3	2	1	5	1	...
72	*acre-feet...*	...	13,725	79,134	148,225	513	13,232	5,568	...
	AVERAGE DELIVERY OF IRRIGATION WATER PER ACRE, 1959								
	Per acre irrigated, as reported by irrigation organization:								
73	All organizations....acre-feet...	2.3	3.8	1.1	4.1	1.4	2.2	2.1	...
74	Organizations reporting NO water from other sources used on land served by the organization....organizations...	75	104	29	5	57	54	5	...
75	acre-feet...	3.6	3.8	4.1	3.7	1.8	2.1	2.1	...

[1]Water was transferred to the basin and released to natural stream channels in excess of the quantity of surface water withdrawn by irrigation organizations. The net effect was to increase the available surface water supply in the basin or State.

APPENDIX

Form CO I-1 (6-3-59)

This census is authorized by Act of Congress, United States Code, Title 13, Sections 5, 9, 142, 221, 223, 224, requiring that the inquiries be answered completely and accurately, and guaranteeing that the information furnished be accorded confidential treatment. *The census report cannot be used for purposes of taxation, investigation, or regulation.*

Budget Bureau No. 41-S957 Approval expires December 31, 1960

I-1 No.

U.S. DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS

PARSONS, KANSAS

IRRIGATION REPORT

I-1 CENSUS OF IRRIGATION 1959

OFFICE USE ONLY

DEFINITION: An irrigation organization is a group of two or more water users, a company, a corporation, or a governmental district or agency that operates facilities to supply water for irrigation of farm or ranch lands. It may be either a formal, legal organization or an informal or cooperative arrangement.

Please enter any explanation, for any question, under REMARKS.

Section I.—NAME AND TYPE OF ORGANIZATION

1. Name of organization _____

2. By what **other name** is this organization known? . . . . . None ☐

Other names _____

3. Is this organization—(*Mark one.*)
   (a) Unincorporated mutual or unincorporated cooperative? . . . . . ☐
   (b) Incorporated mutual or incorporated cooperative? . . . . . ☐
   (c) Irrigation district? . . . . . ☐
   (d) A farm or ranch? . . . . . ☐
   (e) Operated by the U.S. Bureau of Reclamation? . . . . . ☐
   (f) Operated by the U.S. Bureau of Indian Affairs? . . . . . ☐
   (g) City or town? . . . . . ☐
   (h) Other? (Describe.) _____ ☐

Section II.—WATER USERS AND ACRES SERVED IN 1959

4. How many **water users** were served by this organization in 1959? . . . . . None ☐ Number _____
   Of these water users, how many were—
   (a) **Farm or ranch irrigation water users?** . . . . . None ☐ Number _____
   (b) **Residential or domestic users?** . . . . . None ☐ Number _____
   (c) **Other?** (Describe under REMARKS.) . . . . . None ☐ Number _____

   These should be equal

   Add water users in (a), (b), and (c) and enter total here → _____

5. How many acres of **farm and ranch lands** were served by this organization in 1959? . . . . . None ☐ Acres _____
   (This should be the area for which water users reported in **4(a)** did receive or were entitled to receive water in 1959.)

6. (a) How many of these **acres** (reported in question 5), were **actually irrigated** in 1959 with water from this organization? . . . . . Acres _____
   (b) Or, if acres cannot be given for question **6(a)**, what percent of these acres was **actually irrigated** in 1959 with water from this organization? . . . . . Percent _____

Section III.—SUPPLY OF WATER IN 1959

7. Did this organization obtain water in 1959 —
   (a) From **surface sources** (i.e. from ***streams, lakes, reservoirs*** and ***drainage ditches***) by diversion or pumping by this organization? . . . . . No ☐ Yes ☐
   (b) From **ground water sources** (i.e. from ***pumped wells, flowing wells,*** and ***springs***) by this organization? . . . . No ☐ Yes ☐
   (c) From a canal, pipe, or reservoir operated by **another organization?** . . . . . No ☐ Yes ☐
   If "Yes" for (c), give name and address below.

Name	County
Post Office	State

INSTRUCTIONS for question 8: Give quantity of water obtained from each source in either ***acre-feet*** or ***millions of gallons*** in "A" below. If quantity cannot be given in these units, ***give rate*** of flow in one of the units shown under "B" and the ***duration*** of flow. If measurements are not available, make the best possible estimate and explain under REMARKS how your estimates were made.

Report actual amounts of water conveyed during 1959 in canals or pipes operated by this organization regardless of ownership of the water or water rights or whether payment was made for the water. ***Omit*** any water used only for hydroelectric power.

If water was stored in a reservoir: (1) ***Report*** in **8(a)** ***the amount diverted from the reservoir directly into canals or pipes*** (except for hydroelectric power.) (2) ***Do not include any*** releases down stream below a reservoir. (3) If water was diverted from a stream below a reservoir, report in **8(a)** the amount diverted from the stream, not the amount released from the reservoir.

8. How much water was obtained in 1959 from—	A. Quantity of water		B. Rate and duration of water flow			
	Acre-feet	Million gallons	Gallons per minute	Cubic feet per second	Miner's inches	Duration (number of days)
(a) **Surface sources?** (See **7(a)**. Include diversion from, but not flow into, reservoirs.)						
(b) **Ground-water sources?** (See **7(b)**.)						
(c) **Another organization?** (See **7(c)**.)						
(d) **Total water obtained?** (Add quantities for (a), (b), and (c).)						

Section III.—SUPPLY OF WATER IN 1959—Continued

9. What percent of water from each source was **measured** by weir, flume, meter, or other measuring device—
   (a) Water from surface sources? . . . . . _____%
   (b) Water from ground sources? . . . . . _____%
   (c) Water from another organization? . . . . . _____%

Section IV.—DISPOSITION OF WATER IN 1959

INSTRUCTIONS for question 10: In this question show how the water obtained by this organization was disposed of. Give quantity of water in ***acre-feet*** or ***millions of gallons*** under "A" below. If acre-feet or millions of gallons cannot be given, report rate of flow in one of the units shown and the duration of flow under "B". If all entries cannot be given under either "A" or "B," report under "C" the percent of total supply which was disposed of by each method.

10. How much water was disposed of in 1959 by—	A. Quantity of water		B. Rate and duration of water flow				C. Percent of total water supply
	Acre-feet	Million gallons	Gallons per minute	Cubic feet per second	Miner's inches	Duration (number of days)	
(a) Delivery to **individual users for irrigation** of farm and ranch lands? (For acres reported in question 6.)							_____%
(b) Delivery to **individual users for domestic or residential use?**							_____%
(c) Delivery to **other users or for other uses?** (Describe under REMARKS.)							_____%
(d) **Spillback, wastage,** and water returned to streams and drainage ditches?							_____%
(e) **Conveyance loss?** (Seepage and evaporation from canals, and wastage not returned to streams. Do not include losses before water was received by this organization, after delivery to users, or losses in reservoirs.)							_____%
(f) **Total water disposed of?** (Add quantities for (a), (b), (c), (d), and (e) above. This total should be the same as the total for 8(d).)							100%

11. What percent of the water delivered to **individual users for irrigation** of farm and ranch lands (reported in **10(a)**) was **measured** at the ***point of delivery*** by weir, flume, meter, or other measuring device? _____%

12. Is there an entry for **conveyance loss** for question **10(e)** above? . No ☐ Yes ☐
   (a) If "No," why was there no conveyance loss? _____

13. (a) Was any **water from other sources** or other organizations also used in 1959 to irrigate the same farm and ranch land to which water was delivered directly by this organization? No ☐ Yes ☐
   If "Yes"—
   (b) Approximately what percent of the total amount of water used to irrigate this land in 1959 was delivered by this organization? _____%

14. What was the **average amount of water, *from all sources,* used *per acre* irrigated** on this farm and ranch land to which water was delivered by this organization? . . . . . _____/10 (Acre-feet per acre)

Section V.—LOCATION OF SOURCES OF WATER AND FARM AND RANCH LANDS SUPPLIED WITH WATER, 1959

15. What is the name of **stream** or **lake** from which water was obtained?

16. What is the **location** of point (or points) at which water was obtained? (Describe location by giving section, township, and range, if known or describe by referring to the direction and distance from a nearby town or some point such as an important highway. (If water was diverted from a stream below a reservoir, report name of stream and location of diversion point, not the reservoir.)

Section	Township	Range	Section	Township	Range

Other description _____

Section V.—LOCATION OF SOURCES OF WATER AND FARM AND RANCH LANDS SUPPLIED WITH WATER, 1959—Continued

17. Location of farm and ranch lands supplied with water:

(a) What is the location of the farm and ranch lands supplied with water by this organization?

County			County		
Section	Township	Range	Section	Township	Range
Section	Township	Range	Section	Township	Range
Section	Township	Range	Section	Township	Range

(b) If location asked for in question (a) above cannot be given, describe location of lands supplied with water by referring to direction and distance from a nearby stream, valley, town, or highway.

Section VI.—EXPENDITURES FOR WORKS AND EQUIPMENT, 1950–59

18. How much was spent by this organization for additional new works and equipment for irrigation and drainage between January 1, 1950, and December 31, 1959? . . . . . None ☐ $_____/00

(*Include* expenditures for *new* construction, enlargement, or improvement of works, or for purchase of *additional new* equipment. Include only that portion of the cost of multiple-purpose works chargeable to the irrigation and drainage of farm and ranch lands, and the portion financed by this organization of the cost of works built jointly with another organization. *Do not include* expenditures for repairs and replacements, operation and maintenance, payments for works constructed before 1950, purchase of water rights, land, or stock or shares in another irrigation organization, or contracts or payments for the purchase of works constructed by the U.S. Bureau of Reclamation or any other irrigation organization.)

Section VII.—WATER DELIVERED TO OTHER IRRIGATION ORGANIZATIONS IN 1959

19. Did this organization deliver any water for the irrigation of farm and ranch lands in 1959 through **laterals** which were operated or maintained by others? . . . . . No ☐ Yes ☐

If "Yes"—

(a) Did any of these laterals receive **cash payments** from the owners or operators of farm and ranch lands? . . . . . No ☐ Yes ☐

If "Yes"—

Give name and address of each organization operating or maintaining laterals which receive payments.

Name	County
Post Office	State

(If more than one, list under REMARKS.)

(b) Did any of the laterals obtain water from **any other source**? . . . . . No ☐ Yes ☐

If "Yes"—

Give the name and address of each organization operating or maintaining laterals obtaining water from a source other than this organization.

Name	County
Post Office	State

(If more than one, list under REMARKS.)

20. Did this organization deliver any water to **any other irrigation organization** in 1959? . . . . . No ☐ Yes ☐

If "Yes"—

Give name and address of that organization.

Name	County
Post Office	State

(If more than one, list under REMARKS.)

REMARKS and explanations (please give question number to which remarks or explanations relate).

REMARKS—Continued

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21. Name and address of person who should be consulted if questions arise concerning this report.

Name	County	Telephone No.
Post Office	State	

This report is substantially accurate and covers the period—

From _____ to _____

Date	Signature	Title of person signing the report

QUESTIONNAIRE

Form 60 I-2 (8-3-59)

This census is authorized by Act of Congress, United States Code, Title 13, Sections 5, 9, 142, 221, 223, 224, requiring that the inquiries be answered completely and accurately, and guaranteeing that the information furnished be accorded confidential treatment. *The census report cannot be used for purposes of taxation, investigation, or regulation.*

Budget Bureau No. 41-S957 Approval expires December 31, 1960

I-2 No.

U.S. DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS
PARSONS, KANSAS
IRRIGATION REPORT
I-2 CENSUS OF IRRIGATION **1959**

OFFICE USE ONLY

DEFINITION: An irrigation organization is a group of two or more water users, a company, a corporation, or a governmental district or agency that operates facilities to supply water for irrigation of farm or ranch lands. It may be either a formal, legal organization or an informal or cooperative arrangement.

Please enter any explanation, for any question, under REMARKS.

Section I.—NAME AND TYPE OF ORGANIZATION

1. Name of organization _____

2. By what **other name** is this organization known? . . . . . None ☐
   Other names _____

3. Is this organization— (*Mark one.*)
   (a) Unincorporated mutual or unincorporated cooperative? . . . . . ☐
   (b) Incorporated mutual or incorporated cooperative? . . . . . ☐
   (c) Irrigation district? . . . . . ☐
   (d) Operated by the U.S. Bureau of Reclamation? . . . . . ☐
   (e) Operated by the U.S. Bureau of Indian Affairs? . . . . . ☐
   (f) City or town? . . . . . ☐
   (g) Other? (Describe.) _____ ☐

INSTRUCTIONS for Sections II and III: All questions relating to water obtained and water delivered refer to **physical flow of water** during 1959 in the facilities operated by this organization, regardless of the ownership of the water or water rights, or whether payment was made for the water. Report any water physically delivered to facilities operated by another organization. ***Do not report*** tranfers of water rights not accompanied by physical flow of water between the facilities of this organization and those of another.

Section II.—WATER USERS AND ACRES SERVED IN 1959

4. **Water delivered to other irrigation organizations:**
   (a) Did this organization deliver any water for the irrigation of farm and ranch lands in 1959 through **laterals** which were operated or maintained by others? . . . . . No ☐ Yes ☐
   If "Yes"—
   (1) Did any of these laterals receive **cash payments** from the owners or operators of farm or ranch lands? . . . . . No ☐ Yes ☐
   (2) Did any of the laterals obtain water from **any other source?** . . . . . No ☐ Yes ☐
   (If in doubt in regard to answers for questions (1) and (2), indicate "Yes.")
   (b) Did this organization deliver any water to **any other irrigation organization** in 1959? . . . . . No ☐ Yes ☐
   If the answer is "Yes" for any of the questions in the shaded square—Consider organizations for which "Yes" is checked as **other irrigation organizations** to which water is delivered by this organization. List these organizations in question **10(c)**.
   (Include any organization, except an individual farm, which delivered any water for farm or ranch irrigation, even if irrigation is not the main purpose of the organization.)

5. **Water users served:**
   (a) How many **water users** were served ***directly by this organization*** in 1959? . . . . . None ☐ Number _____
   (Do not include water users served through other organizations for which "Yes" is checked in the shaded square in question **4.**)
   Of ***these*** water users, how many were—
   (b) **Farm or ranch irrigation water users?** . . . . . None ☐ Number _____
   (c) **Residential or domestic users?**. None ☐ Number _____
   (d) **Other?** _____ (Describe) None ☐ Number _____
   These should be equal
   Add water users in (b), (c), and (d) and enter total here → _____

6. How many acres of **farm and ranch lands** were served ***directly*** by this organization in 1959? . . . . . None ☐ Acres _____
   (This should be the area for which water users reported in **5(b)** did receive or were entitled to receive water in 1959. ***Do not include*** land of ***nonfarm water users*** or of water users to whom the water was delivered through ***other organizations*** for which "Yes" was checked in the shaded square in question **4.**)

7. (a) How many of these **acres** (reported in **6**) were **actually irrigated** in 1959 with water from this organization? . . . . . Acres _____
   (b) Or, if acres cannot be given for **7(a)**, what percent of these acres was **actually irrigated** in 1959 with water from this organization?. . Percent _____

Section III.—SUPPLY AND DISPOSITION OF WATER IN 1959

INSTRUCTIONS for Section III: Give quantity of water obtained from each source in acre-feet. If measurements are not available, make the best possible estimate and explain under REMARKS how your estimates were made.

Report actual amounts of water conveyed during 1959 in canals or pipes operated by this organization regardless of ownership of the water or water rights or whether payment was made for the water. ***Omit*** any water used only for hydroelectric power.

If water was stored in a reservoir: (1) ***Report*** in **8(a)** ***the amount diverted from the reservoir directly into canals or pipes*** (except for hydroelectric power). (2) ***Do not include any*** releases down stream below a reservoir. (3) If water was diverted from a stream below a reservoir, report in **8(a)** the amount diverted from the stream, not the amount released from the reservoir.

Section III.—SUPPLY AND DISPOSITION OF WATER IN 1959—Continued

	Acre-feet
8. How much water was **obtained** in 1959—	
(a) From **surface sources** (i.e. from ***streams, lakes, reservoirs and drainage ditches***) by diversion or pumping by this organization?	
(b) From **ground water sources** (i.e. from ***pumped wells, flowing wells, and springs***) by this organization? . . .	
(c) From a canal, pipe, or reservoir operated by **another organization?** (Give name, address, and quantity obtained from each, below.) Name _____ Address _____ Name _____ Address _____	
(d) **Total water supply** obtained from all sources (Add quantities for (a), (b), and (c).) →	

9. What percent of water from each source was **measured** by weir, flume, meter, or other measuring device—
   (a) Water from surface sources? . . . . . _____%
   (b) Water from ground sources?. . . . . _____%
   (c) Water from another organization? . . . . . _____%

	Acre-feet
10. How much water was **disposed of** in 1959 by—	
(a) Delivery directly to **individual users** for **irrigation** of farm and ranch lands?	
(b) Delivery directly to **individual users** for **domestic or residential use?**	
(c) Delivery to **other irrigation organizations?** (Be sure to report for each organization for which the answer is checked "Yes" in the shaded square in question **4.** Give name, address, and quantity of water delivered to each irrigation organization.) Name _____ Address _____ Name _____ Address _____ (If more than two, list others under REMARKS.)	
(d) Delivery to **other users** or for **other uses?** (Describe under REMARKS.)	
(e) **Spillback, wastage,** and water returned to streams and drainage ditches?	
(f) **Conveyance loss?** (Seepage and evaporation from canals, and wastage not returned to streams. Do not include losses before water was received by this organization, losses after delivery to users, or losses in reservoirs.)	
(g) **Total water disposed of?** (Add (a), (b), (c), (d), (e), and (f).) (This total must equal **total water supply** as reported in question 8(d).) →	

11. What percent of the water delivered to **individual users for irrigation** of farm and ranch lands (reported in **10(a)**) was **measured** at the ***point of delivery*** by weir, flume, meter, or other measuring device? . . . . . _____%

12. What percent of water delivered to **other irrigation organizations** (reported in **10(c)**) was **measured** at ***point of delivery?*** . . . . . _____%
    (List in REMARKS, organizations to which water was measured.)

13. (a) Is there an entry for **conveyance loss** for question **10(f)** above? . . . . . No ☐ Yes ☐
    (b) If "No," why was there no conveyance loss? _____

14. (a) Was any **water from other sources** or other organizations also used in 1959 to irrigate the same farm and ranch land to which water was delivered directly by this organization? . . . . . No ☐ Yes ☐
    If "Yes"—
    (b) Approximately what percent of the total amount of water used to irrigate this land in 1959 was delivered by this organization? . . . . . _____%

15. What was the **average amount of water, *from all sources,* used per acre irrigated** on this farm and ranch land to which water was delivered directly by this organization? . . . . . _____/10 (Acre-feet per acre)

Section IV.—LOCATION OF SOURCES OF WATER AND POINTS OF DELIVERY TO OTHER ORGANIZATIONS

INSTRUCTIONS: Describe location by section, township, and range, if known, or describe by referring to the direction and distance from a nearby town or some point such as an important highway.

16. What is the location of the point or points at which water was **received** into the works of this organization—

(a) From **surface sources** (i.e., from streams, lakes, reservoirs, drainage ditches), by diversion or pumping ***by this organization*** (water reported in question 8(a))?

(1) Give name of **surface source** _____

(If water was diverted from a stream below a reservoir, report name of stream and location of diversion point, not the reservoir.)

(2) Give location of diversion points:

1. Sec. __; T __; R __	2. Sec. __; T __; R __	3. Sec. __; T __; R __

or other description _____

(b) From **another organization.** (Water reported in question 8(c).)

1. Sec. __; T __; R __	2. Sec. __; T __; R __	3. Sec. __; T __; R __

Other description _____

17. What is the location of points at which this organization **delivered water to other irrigation organizations** (named in question 10(c))?

1. Sec. __; T __; R __	2. Sec. __; T __; R __	3. Sec. __; T __; R __

Other description _____

Section V.—EXPENDITURES FOR WORKS AND EQUIPMENT, 1950–59

18. How much was spent by this organization for additional new works and equipment for irrigation and drainage between January 1, 1950, and December 31, 1959? . . . . . None ☐ $_____/00 XX

(***Include*** expenditures for ***new*** construction, enlargment, or improvement of works, or for purchase of ***additional new*** equipment. Include only that portion of the cost of multiple-purpose works chargeable to the irrigation and drainage of farm and ranch lands, and the portion financed by this organization of the cost of works built jointly with another organization. ***Do not include*** expenditures for repairs and replacements, operation and maintenance, payments for works constructed before 1950, purchase of stock or shares in another irrigation organization, or contracts or payments for the purchase of works constructed by the U.S. Bureau of Reclamation or any other irrigation organization.)

REMARKS and explanations (please give question number to which remarks or explanations relate) _____

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REMARKS—Continued _____

Section VI.—CENSUS ENUMERATOR'S RECORD

19. In what **state** and **drainage basin** (or **basins**) are the following located—

	State	Drainage basin
(a) **Farm and ranch lands** served directly by this organization (question 6)? . . . . . (Ask respondent to show you this service area on your enumerator's map.)		
(b) **Sources of water** to this organization (question 16)?		
(c) **Points of delivery** to other organizations (question 17)?		

NOTE: If (a), (b), and (c) are located in more than one State or drainage basin, this is an interbasin organization. See Enumerator's Instructions for section VI.

20. Name and address of person who should be consulted if questions arise concerning this report:

Name	Title or relationship to organization
Business address	Telephone No.
Post Office / County	State

Enumerated by—

Signature	Date	Questionnaire No.

Form 60 I-3 (8-3-59)

This census is authorized by Act of Congress, United States Code, Title 13, Sections 5, 9, 142, 221, 223, and 224, requiring that the inquiries be answered completely and accurately, and guaranteeing that the information furnished be accorded confidential treatment. ***The census report cannot be used for purposes of taxation, investigation, or regulation.***

Budget Bureau No. 41-S357 Approval expires December 31, 1960

I-3 No.

U.S. DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS
PARSONS, KANSAS

I-3 IRRIGATION REPORT CENSUS OF IRRIGATION 1959

OFFICE USE ONLY

DEFINITION: An irrigation organization is a group of two or more water users, a company, a corporation, or a governmental district or agency that operates facilities to supply water for irrigation of farm or ranch lands. It may be either a formal, legal organization or an informal or cooperative arrangement.

Please enter any explanation, for any question, under REMARKS.

Section I.—NAME AND TYPE OF ORGANIZATION

1. Name of organization _____

2. By what **other name** is this organization known? . . . . . None ☐

Other names _____

3. Is this organization—(*Mark one.*)
   - (a) Unincorporated mutual or unincorporated cooperative? . . . . . ☐
   - (b) Incorporated mutual or incorporated cooperative? . . . . . ☐
   - (c) Irrigation district? . . . . . ☐
   - (d) Operated by the U.S. Bureau of Reclamation? . . . . . ☐
   - (e) Operated by the U.S. Bureau of Indian Affairs? . . . . . ☐
   - (f) City or town? . . . . . ☐
   - (g) Other? (Describe.) _____ ☐

INSTRUCTIONS for Sections II and III: All questions relating to water obtained and water delivered refer to **physical flow of water** during 1959 in the facilities operated by this organization, regardless of the ownership of the water or water rights, or whether payment was made for the water. Report any water physically delivered to facilities operated by another organization. ***Do not report*** transfers of water rights not accompanied by physical flow of water between the facilities of this organization and those of another.

Section II.—WATER RECEIVED FROM, AND DELIVERED TO, OTHER ORGANIZATIONS—WATER USERS AND ACRES SERVED IN 1959

4. **Water received from another organization:**
   - (a) Did this organization receive any water directly in 1959 ***from works operated by any other organization?*** . . No ☐ Yes ☐
   - (b) If "Yes" give name of each organization, and report quantity of water received in 1959 and drainage basin in which the water was received by this organization—

	Acre-feet received	Drainage basin No.
Name _____ R_1 / Address _____		
Name _____ R_2 / Address _____		

5. **Water delivered to other irrigation organizations:**
   - (a) Did this organization deliver any water for the irrigation of farm and ranch lands in 1959 through **laterals** which were operated or maintained by others? . . . . . No ☐ Yes ☐

     If "Yes"—
     - (1) Did any of these laterals receive cash payments from the owners or operators of farm or ranch lands? . . . . . No ☐ Yes ☐
     - (2) Did any of these laterals obtain any water from any other source? . . . . . No ☐ Yes ☐ (If in doubt in regard to answers for questions (1) and (2), indicate "Yes.")
   - (b) Did this organization deliver water to **any other irrigation organization** in 1959? . . . . . No ☐ Yes ☐

     (Include any organization, except an individual farm, which delivered any water for farm or ranch irrigation, even if irrigation is not the main purpose of the organization.)

Section II.—WATER RECEIVED FROM, AND DELIVERED TO OTHER ORGANIZATIONS—WATER USERS AND ACRES SERVED IN 1959—Continued

(c) Give **name and address** of ***organizations for which "Yes" is checked*** in the shaded square in question 5. Report **quantity of water** delivered in 1959 and **drainage basin** in which delivery was made.

	Acre-feet delivered	Drainage basin No.
Name _____ D_1 / Address _____		
Name _____ D_2 / Address _____		
Name _____ D_3 / Address _____		

6. **Water users served:**
   - (a) How many **water users** were served ***directly by this organization*** in 1959? . . . None ☐ Number _____ (Do not include water users served through other organizations for which "Yes" is checked in the shaded square in question 5.)
   - (b) Of ***these*** water users, how many in each drainage basin were—

	None	All basins	D.B. No. __	D.B. No. __	D.B. No. __
(1) **Farm or ranch irrigation water users?**	☐				
(2) **Residential or domestic users?** . .	☐				
(3) **Other?** _____ (Describe)	☐				
Add and enter total here →					

These should be equal

7. **Acres of farm and ranch lands served:**
   - (a) How many **acres of farm and ranch lands** were served ***directly*** by this organization in 1959 in each drainage basin?

     (This should be the area for which the water users reported in **6**(b)(**1**) did receive or were entitled to receive water in 1959. ***Do not include*** land of ***nonfarm water users,*** or of water users to whom the water was delivered through ***other organizations*** for which "Yes" was checked in the shaded square in question **5.**)

None ☐	All basins	D.B. No. __	D.B. No. __	D.B. No. __
Acres →				

   - (b) How many of these **acres** (reported in **7**(**a**)) were **actually irrigated** in 1959 in each drainage basin with water from this organization?

	All basins	D.B. No. __	D.B. No. __	D.B. No. __
Acres →				

Section III.—SUPPLY AND DISPOSITION OF WATER IN 1959

INSTRUCTIONS for Section III: Give quantity of water obtained and disposed of in each drainage basin in acre-feet. If measurements are not available, make the best possible estimates. ***Determine drainage basins*** from census enumerator's maps. Report sources (and deliveries) of water in the basin in which the water enters (or leaves) canals or pipes operated by this organization. For every item, the sum of entries for individual basins should equal the total for that item for all basins.

Water to be included: ***Report actual amounts of water conveyed*** during 1959 in facilities operated by this organization regardless of ownership of water or water rights, or whether payment was made for the water. Report all water transferred in a canal or pipe from one drainage basin to another for any purpose. ***Omit*** water diverted or released ***only*** for ***hydroelectric power,*** unless transferred to another basin. Any other discharge of water from a canal or pipe into a natural stream or drainage ditch should be reported under **9(e)**.

Reservoirs: (1) Do not report any water released into the stream channel from an on-stream reservoir. (2) If water was diverted from a stream below a reservoir, consider the stream rather than the reservoir as the source of water, and report the amount diverted from the stream in the basin where diverted. (3) Water taken from a reservoir directly into a canal or pipe should be reported as diverted from the reservoir. If a reservoir operated by this organization received only natural inflows, report the amount diverted from the reservoir under **8(a)**. If water was conveyed into a reservoir in pipes or canals, report this inflow in **8(h)**, the source of the water under **8(a)**, **(b)**, **(c)**, or **(e)**, and the diversion from the reservoir under **8(i)**.

See enumerator's instructions for further explanations.

	Quantity of water in acre-feet				
	Totals, all basins	D.B. No. __	D.B. No. __	D.B. No. __	D.B. No. __
8. Water obtained in 1959 in each drainage basin—					
(a) From **surface sources** (i.e., from streams, lakes, reservoirs, drainage ditches) by diversion or pumping by this organization					
(b) From **ground water sources** (i.e., from ***pumped wells, flowing wells,*** and ***springs***) by this organization					
(c) From canal, pipe, or reservoir operated by **another organization** (total reported in question **4**)					
(d) **Total water** obtained by this organization in each basin . . . . . (a+b+c).					
Interbasin transfers—					
(e) ***Plus*** water **imported *to*** each basin in works operated by this organization					
(Give quantity entering basin at drainage basin boundary.) From which drainage basin →		From D.B. No. __	From D.B. No. __	From D.B. No. __	From D.B. No. __
(f) ***Minus*** water **exported *from*** each basin in works operated by this organization. (Give quantity at drainage basin boundary.)	–	–	–	–	–
To which drainage basin →		To D.B. No. __	To D.B. No. __	To D.B. No. __	To D.B. No. __
(g) Equals **water supply** for storage or disposition by this organization in each basin . . . . . (d+e−f).					
Off-stream storage—					
(h) ***Less*** water **obtained** (included in 8(a), (b), (c), or (e) above) ***and conveyed into reservoirs*** operated by this organization	–	–	–	–	–
(i) ***Plus* water diverted from the same reservoirs** into canals or pipes					
(j) Equals **total water supply** for disposition by this organization in each basin . . . . . (g−h+i).					
9. Water disposed of in 1959 in each drainage basin by—					
(a) Delivery directly to **individual users** for **irrigation** of farm and ranch lands (Acres reported in question **7**.)					
(b) Delivery directly to **individual users for domestic** or **residential use** (Water users reported in question **6(b)(2)**.)					
(c) Delivery to **other irrigation organizations,** in basin where delivered to works operated by the other organization, reported in **5(c)**					
(d) Delivery to **other users** or for **other uses** (Describe under REMARKS.)					
(e) Release from a canal or pipe **to a stream** or **drainage ditch** (Include wastage, spillback, or release for downstream diversion.)					
(f) **Conveyance loss** within each drainage basin (Seepage and evaporation from canals, and wastage not returned to streams. Do not include losses before water was received by this organization, losses after delivery to users or to other organizations, or losses in reservoirs.)					
(g) **Total water disposed of** by this organization in each basin . . . . . (a+b+c+d+e+f). (These totals must equal **total water supply** for disposition (question **8(j)**) in each basin.)					

10. What percent of the water from each source (questions **8(a)**, **(b)**, and **(c)** above) was **measured** by weir, flume, meter, or other measuring device—

(a) Water from surface sources? _____ %

(b) Water from ground sources? _____ %

(c) Water from another organization? _____ %

(If entry is not 100% for each of questions **10(a)**, **(b)**, and **(c)**, explain under REMARKS: (1) what percent of each was measured in each drainage basin, (2) how each unmeasured quantity was estimated.)

11. What percent of the water delivered to **individual users for irrigation** of farm and ranch lands, reported in **9(a)**, was **measured at the point of delivery** by weir, flume, meter, or other measuring device? _____ %

(If entry is not 100%, explain under REMARKS: (1) What percent was measured in each drainage basin, and (2) How unmeasured quantities were determined.)

12. What percent of water delivered to **other irrigation organizations,** reported in **9(c)** was **measured *at point of delivery?*** _____ %

(If entry is not 100%, explain under REMARKS how each quantity in question **5(c)** was estimated.)

13. (a) Is there an entry for **conveyance loss** for question **9(f)** for each drainage basin? No ☐ Yes ☐

(b) If "No," why was there no conveyance loss? _____

14. (a) Was any **water from other sources** or other organizations also used in 1959 to irrigate the same farm and ranch land to which water was delivered directly by this organization? No ☐ Yes ☐

If "Yes"—

(b) Approximately what percent of the total amount of water used to irrigate this land in 1959 was delivered by this organization? _____ %

(If different in each basin, give the percent for each under REMARKS.)

15. What was the **average amount of water, *from all sources,* used per acre irrigated** on this farm and ranch land to which water was delivered directly by this organization? _____ /10 acre-feet per acre

(If different in each basin, give amount for each under REMARKS.)

Section IV.—LOCATION OF WORKS OPERATED BY THIS ORGANIZATION

Mark the following with colored pencil on the census enumerator's map or other suitable map of the enterprise. Under REMARKS, list the map used for this organization. (See enumerator's instructions.)

16. Sources of water obtained by this organization—

(a) From **surface sources** (i.e., streams, lakes, reservoirs, drainage ditches) by diversion or pumping ***by this organization*** (water reported in question 8(a)). Label S_1, S_2, etc.

Give **name of surface source** or **sources.**

S_1 _____

S_2 _____

(b) From **another organization,** at point where water enters works operated by this organization. Label R_1, R_2, etc., as reported in question 4(b).

17. Points of diversion from **off-stream storage** operated by this organization ***for which amount diverted is given in question*** 8(i). Label O_1, O_2, etc. Give **name of reservoir.**

O_1 _____

18. Points where water is **delivered to** works operated by **other irrigation organizations.** Label D_1, D_2, etc., as reported in question 5(c).

19. Area served directly by this organization—

Outline and shade in color the area within which water is delivered directly to individual farm and residential water users (as reported in question 6(b)).

Section V.—EXPENDITURES FOR WORKS AND EQUIPMENT, 1950–59

20. How much was spent by this organization for additional new works and equipment for irrigation and drainage between January 1, 1950, and December 31, 1959, in each drainage basin? . . . . . None ☐ $_____/00

Total all basins	D.B. No. __	D.B. No. __	D.B. No. __

Report by drainage basin ***according to the basin in which the new works and equipment are physically located.***

(***Include*** expenditures for ***new*** construction, enlargement, or improvement of works, or for purchase of **additional new** equipment. Include only that portion of the cost of multiple-purpose works chargeable to the irrigation and drainage of farm and ranch lands, and the portion financed by this organization of the cost of works built jointly with another organization. ***Do not include*** expenditures for repairs and replacements, operation and maintenance, payments for works constructed before 1950, purchase of water rights, land, or stock or shares in another irrigation organization, or contracts or payments for the purchase of works constructed by the U.S. Bureau of Reclamation or any other irrigation organization.)

REMARKS: _____

REMARKS—Continued

Section VI.—CENSUS ENUMERATOR'S RECORD

21. Name and address of person who should be consulted if questions arise concerning this report:

Name	Title or relationship to organization
Business address	Telephone No.
Post Office / County	State
Enumerated by—	
Signature / Date	Questionnaire No.