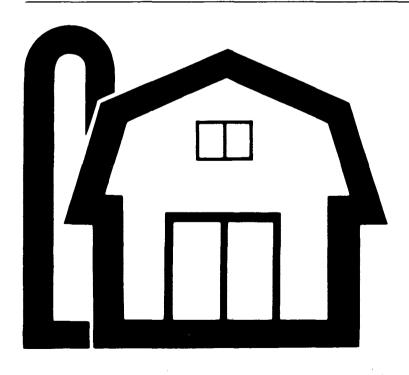
1982 Census of Agriculture

AC82-A-47

Volume 1 GEOGRAPHIC AREA SERIES

Part 47
Washington
State and County Data



The publications
from the 1982 Economic and
Agriculture Censuses are dedicated
to the memory of Shirley Kallek,
Associate Director for Economic Fields.
During her career at the Bureau of the
Census (1955 to 1983), she continually
directed efforts to improve
the timeliness and accuracy of
economic statistics.

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Volume 1 GEOGRAPHIC AREA SERIES

Washington
State and County Data

Issued May 1984



U.S. Department of Commerce

Malcolm Baldrige, Secretary
Clarence J. Brown, Deputy Secretary
Sidney Jones, Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS John G. Keane, Director



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ACKNOWLEDGMENTS—Many persons participated in conducting the 1982 Census of Agriculture. Primary direction was by Shirley Kallek, Associate Director for Economic Fields (to May 1983), Charles A. Waite, her successor, and Michael G. Farrell, Assistant Director for Economic and Agriculture Censuses.

This report was prepared in the Agriculture Division under the general supervision of Orvin L. Wilhite, Chief (to January 1980); Arnold L. Bollenbacher, Chief (to June 1982); and John H. Berry, Chief (from July 1982).

Many divisions contributed to this report. Data Preparation performed the clerical processing; Administrative Services provided the forms design and other administrative services; Publications Services contributed in publication planning and design, editorial review, composition, and printing procurement; Computer Services provided the computer processing facilities; Field provided selected data collection activities; and Economic Surveys assisted in preparation of data collection and processing procedures and computer programs.

Members of the Census Advisory Committee on Agriculture Statistics and representatives of both public and private organizations made significant recommendations which helped establish data content.

Members of various agencies of the U.S. Department of Agriculture provided valuable advice in the planning, publicizing, and processing phases of the census, and in helping farmers and ranchers complete the report forms.

The press, farm magazines, radio and television stations, and farm organizations were most helpful in publicizing the census and encouraging cooperation of farm and ranch operators.

Special tribute is paid to the millions of farm and ranch operators who furnished the information requested. Only through their cooperation was it possible to collect and publish the data in this report.

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HISTORY

The census of agriculture provides a periodic statistical picture of the Nation's farming, ranching, and related activities. The 1982 Census of Agriculture is the 22d taken by the U.S. Department of Commerce, Bureau of the Census.

The first agriculture census was taken in 1840 as part of the sixth decennial census of population. From 1840 to 1950, an agriculture census was taken as part of the decennial census. A separate mid-decade census of agriculture was conducted in 1925, 1935, and 1945. From 1954 to 1974, a census of agriculture was taken for the years ending in 4 and 9. In 1976, Congress authorized the census of agriculture to be taken for 1978 and 1982 to adjust the data reference year to coincide with the 1982 Economic Censuses covering manufacturing, mining, construction, retail trade, wholesale trade, service industries, and selected transportation activities. After 1982, the agriculture census will revert to a 5-year cycle and be taken covering years ending in 2 and 7.

USES OF THE CENSUS

The census of agriculture is the leading source of statistics about the Nation's agriculture and the only source of consistent, comparable data about agriculture at the county, State, and national levels. Census statistics are used by Congress in developing and changing farm programs and for determining the effects of these programs. Many national and State programs affecting agriculture are designed or allocated on the basis of census data, such as funds for extension services, research, and soil conservation projects. Private industry uses census statistics to provide a more effective production and distribution system for the farm community.

AUTHORITY AND AREA COVERED

The census of agriculture is required by law under title 13. United States Code, sections 142(a) and 191, which directs that the census be taken in 1979, in 1983, and in every fifth year after 1983 covering the prior year. The 1982 census includes each State, Puerto Rico, Guam, and the Virgin Islands of the United States.

FARM DEFINITION

Since 1850, when minimum criteria defining a farm for census purposes were first established, the farm definition has been changed nine times. The current definition, first used for the 1974 final reports, is any place from which \$1,000 or more of agricultural products were sold or normally would have been sold during the census year. The previous definition (used for the 1959, 1964, and 1969 censuses, and for the 1974 preliminary reports) was any place with less than 10 acres from which \$250 or more of agricultural products were sold or normally would have been sold during the census year, or any place of 10 acres or more from which \$50 or more of agricultural products were sold or normally would have been sold during the census year.

COMPARABILITY OF DATA

All censuses since 1969 were conducted primarily by mail. To improve the coverage of the 1978 census, especially in counting the number of small farms, the mailout/mailback enumeration was supplemented by the direct enumeration of all households in approximately 6,400 sample segments in rural areas in all States, except Alaska and Hawaii. Due to budget reductions, the direct enumeration area sample was eliminated for 1982.

The U.S. region, and State data for 1978 shown in the 1978 Census of Agriculture publications included data for farms represented on the mail list plus estimates from the area sample for farms not on the mail list. The 1978 county data included only farms represented on the mail list as the sample was not large enough to provide reliable estimates for each county.

To provide comparable data for 1982 and 1978, estimates from the 1978 area sample have been subtracted from the 1978 data. Thus, the 1978 data in this report include only farms represented on the mail list. Appendix B includes a detailed discussion of the effect of the area sample on census comparability.

In general, data for 1982, 1978, and 1974 are not fully comparable with data for 1969 and earlier censuses due to changes in the farm definition. Data on acreages and inventories for 1982 and 1978 are generally comparable. Dollar figures shown for expenses and agricultural product sales have not been adjusted for changes in price levels between census years.

TABULAR PRESENTATION

State data-In chapter 1, State tables 1 through 43 show detailed State level data usually accompanied by historical data for one or more past censuses. Tables 44 through 50 provide 1982 State data cross-tabulated by various farm classifications.

County data-Selected data items are presented by county in chapter 2. Tables 1 through 16 include general data for all counties. The counties are listed in alphabetical order in the

column headings. In tables 17 through 36, only counties reporting the data item are included in the table stub. Counties not having the item, or with a limited number of farms reporting the item, are not listed separately. Data for these counties are combined and presented as "all other counties."

PRELIMINARY REPORTS

Preliminary reports have been published separately for each county with 10 farms or more in 1982, each State, and the United States. This series provided, at the earliest possible date, information on major data items together with comparable final data from the 1978 census. The data items were standard except in tables 4 and 5 where the selected crops varied by State according to their relative importance.

For farms, land in farms, livestock inventories, and other major items at the county level, differences between the preliminary and final figures are generally less than 5 percent. At the State level, differences are significantly less.

MICROFICHE AND COMPUTER TAPES

The data in this report and final data for individual counties are available on microfiche. The final microfiche county tables have the same format as the county preliminary report. Also, computer tapes are available for the same summary statistics that are found in the preliminary and volume 1 reports. Microfiche reports are sold by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Computer tapes are sold by the Customer Services Branch, Data User Services Division, Bureau of the Census, Washington, D.C. 20233.

UNPUBLISHED DATA

Copies of computer printouts of the following unpublished county summary tables are available:

Land in Farms With Cropland Harvested and Land in Farms and Cropland Harvested on Irrigated Farms, by Size of Farm: 1982

Owned and Rented Land-Farms, Land in Farms, and Value of Land and Buildings: 1982

Farms With Grazing Permits: 1982

Other special unpublished tables and summaries on computer tape can be developed to individual user specifications.

Inquiries about the availability and cost of unpublished tabulations should be directed to the Chief, Agriculture Division. Bureau of the Census, Washington, D.C. 20233.

CENSUS DISCLOSURE RULES

In keeping with the provisions of title 13, United States Code, no data are published that would disclose the operations of an individual farm. However, the number of farms in a given size category or other classification is not considered a disclosure, so this information may be given even though other information is withheld.

DEFINITIONS AND EXPLANATIONS

Appendix A includes definitions and explanations of selected terms used in the tables.

"SEE TEXT" REFERENCE

Items in the tables which are followed by the reference "see text" are explained or defined in appendix A.

INVENTORIES, PRODUCTION, AND SALES DATA

Inventories of livestock, poultry, and machinery and equipment are as of December 31 of the census year. Crop and livestock production, sales, and expense data are for the calendar year, except for a few crops (such as citrus) for which the production year overlaps the calendar year.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

Represents zero.

(D) Withheld to avoid disclosing data for individual farms.

(X) Not applicable.

(Z) Less than half of the unit shown.

(NA) Not available. (IC) Independent city.

cwt. Hundredweight.

sq. ft. Square feet.

WASHINGTON



U. S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

Highlights of the State's Agriculture: 1982 and 1978

[Dollar figures are in current dollars with no adjustment for price changes. For meaning of abbreviations and symbols, see introductory text]

	All farms			Farms with sales of \$10,000 or more		
ltem	1982	1978	Percent change from 1978 to 1982	1982	1978	Percent change from 1978 to 1982
Farmsnumber_	36 080	30 987	16.4	15 621	15 806	-1.2
Land in farmsacres_	16 469 678	16 721 836	-1.5	13 017 462	13 188 415	-1.3
Average size of farmacres_	456	540	-15.6	833	834	1
Value of land and buildings1: Average per farmdollars Average per acredollars	423 352	358 679	18.0	750 785	543 852	38.0
	933	659	41.6	908	654	38.8
Farms by size: 1 to 9 acres 10 to 49 acres 50 to 179 acres 180 to 499 acres 500 to 999 acres 1,000 to 1,999 acres 2,000 acres or more	6 425	4 161	54.4	864	840	2.9
	12 717	9 896	28.5	3 100	3 211	-3.5
	7 755	7 433	4.3	3 832	3 795	1.0
	4 038	4 136	-2.4	2 982	3 003	7
	1 927	2 000	-3.7	1 738	1 749	6
	1 548	1 673	-7.5	1 475	1 564	-5.7
	1 670	1 688	-1.1	1 630	1 644	9
Harvested croplandfarmsacres	26 067	24 926	4.6	14 200	14 480	-1.9
	5 278 772	5 014 228	5.3	5 062 643	4 782 155	5.9
Irrigated land farms. Market value of agricultural products sold \$1,000\$. Crops, including nursery and greenhouse products \$1,000\$. Livestock, poultry, and their products \$1,000\$. \$1,000\$.	16 252	14 951	8.7	9 264	9 324	6
	1 638 470	1 639 189	(Z)	1 547 446	1 542 999	.3
	2 831 159	2 075 155	36.4	2 773 390	2 024 368	37.0
	18 684	18 784	5	12 309	12 665	-2.8
	1 714 741	1 293 857	32.5	1 696 207	1 274 647	33.1
	21 468	18 298	17.3	7 611	7 628	2
	1 116 418	781 298	42.9	1 077 183	749 720	43.7
Farms by standard industrial classification: Cash grains (011) Field crops, except cash grains (013) Vegetables and melons (016) Fruits and tree nuts (017) Horticultural specialties (018) General farms, primarily crop (019) Livestock, except dairy, poultry, and animal specialties (021)	5 021	4 935	1.7	4 442	4 218	5.3
	2 941	3 276	-10.2	1 262	1 594	-20.8
	951	948	.3	575	617	-6.8
	6 129	5 810	5.5	3 784	3 919	-3.4
	834	758	10.0	424	382	11.0
	1 039	943	10.2	461	564	-18.3
	14 354	10 889	31.8	2 534	2 406	5.3
Dairy farms (024) Poultry and eggs (025) Animal specialities (027) General farms, primarily livestock (029)	1 719 420 2 332 340	1 713 266 1 219 230	57.9 91.3 47.8	1 619 155 340 25	1 653 178 233 42	-2.1 -12.9 45.9 -40.5
Farms by type of organization: Individual or family	31 107	26 574	17.1	11 819	12 342	4.2
	2 748	2 652	3.6	1 851	1 878	-1.4
	2 043	1 609	27.0	1 882	1 529	23.1
	182	152	19.7	69	57	21.1
Tenure of operator: Full owners	24 275	19 949	21.7	7 704	7 870	-2.1
	8 793	8 275	6.3	5 944	5 996	9
	3 012	2 763	9.0	1 973	1 940	1.7
Operators by principal occupation: FarmingOther	17 968	16 961	5.9	12 583	12 913	-2.6
	18 112	14 026	29.1	3 038	2 893	5.0
Selected farm production expenses¹: \$1,000_ Feed for livestock and poultry \$1,000_ Commercial fertilizer \$1,000_ Other agricultural chemicals² \$1,000_ Energy and petroleum products \$1,000_ Hired farm labor \$1,000_	348 833	246 697	41.4	332 472	235 270	41.3
	174 198	123 882	40.6	171 291	121 336	41.2
	102 290	55 971	82.8	99 725	54 414	83.3
	171 793	95 114	80.6	160 220	88 196	81.7
	313 100	236 656	32.3	306 649	231 267	32.6
Livestock and poultry inventory: Cattle and calves	20 147	16 478	22.3	6 839	6 913	-1.1
Milk cows	1 321 820	1 237 822	6.8	1 117 552	1 062 524	5.2
	3 608	3 737	-3.5	2 133	2 383	-10.5
	210 254	190 693	10.3	206 385	187 078	10.3
Hogs and pigs	2 460	2 258	8.9	637	730	-12.7
	73 836	79 237	-6.8	57 361	59 424	-3.5
	4 476	3 387	32.2	880	1 038	-15.2
number Crops harvested:	6 604 480	5 719 792	15.5	6 507 834	5 646 592	15.3
Corn for grain or seed	761	737	3.3	697	666	4.7
	131 474	66 615	97.4	130 915	65 527	99.8
writest for grainacres Barley for grain	6 232 2 716 305 4 176	6 498 2 842 436 3 333	-4.1 -4.4 25.3	5 716 2 700 227 3 720	5 807 2 812 220 2 812	-1.6 -4.0 32.3
lrish potatoes farms_	751 963	373 885	101.1	738 229	360 962	104.5
	533	502	6.2	452	455	~.7
Hay-alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms	104 738	110 692	-5.4	104 520	110 395	-5.3
	13 793	13 388	3.0	5 914	6 225	-5.0
Vegetables harvested for sale (see text)acres acres	724 940 2 031 169 170	782 520 2 029 167 875	-7.4 .1 .8	568 716 1 405 166 632	616 897 1 477 164 741	-7.8 -4.9 1.1
Land in orchards farms	6 946	6 262	10.9	4 012	4 048	9
acres	215 585	173 956	23.9	192 695	161 133	19.6

¹Data are based on a sample of farms. ²Data for 1978 include the cost of lime which was not collected in 1982.