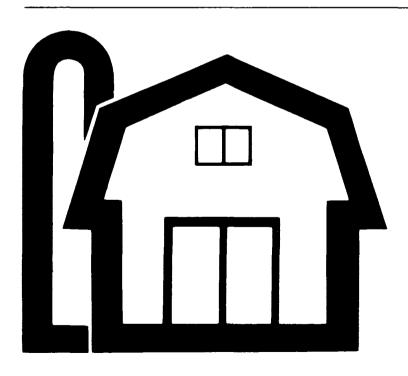
1982 Census of Agriculture

AC82-A-49

Volume 1 GEOGRAPHIC AREA SERIES

Part 49

Wisconsin 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.



State and County Data Wisconsin

CHANGE SHEET

Issued June 1984

GEOGRAPHIC AREA SERIES
AC82-A-49

The data on page 8 should read as follow.

Table 11. Market Value of Agricultural Products Sold: 1982, 1978, and 1974

ltem	1982	1978	1974
Sheep, lambs, and wool	2 918	2,408	(NA)
	4 106	3 274	(NA)
	12 059	15 396	(NA)
	258 039	213 308	(NA)

1982 Census of Agriculture

AC82-A-49

Volume 1 GEOGRAPHIC AREA SERIES

Part 49

Wisconsin State and County Data

Issued March 1984



U.S. Department of Commerce
Malcolm Baldrige, Secretary
Clarence J. Brown, Deputy Secretary

BUREAU OF THE CENSUS C.L. Kincannon, Deputy Director



BUREAU OF THE CENSUS C.L. Kincannon, Deputy Director

Charles A. Waite, Associate Director for Economic Fields Michael G. Farrell, Assistant Director for Economic and Agriculture Censuses

AGRICULTURE DIVISION

John H. Berry, Chief

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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If you have any questions concerning the statistics in this report, call (301) 763-5230.

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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 compa-

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.

SCALE
0 20 40 60 80 100 Kilometers
0 20 40 60 80 100 Miles

All political boundaries are as of January I, 1980



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]

Item	All farms			Farms with sales of \$10,000 or more		
	1982	1978	Percent change from 1978 to 1982	1982	1978	Percent change from 1978 to 1982
Farms	82 199	86 505	-5.0	57 049	56 800	.4
	17 234 127	17 838 982	-3.4	15 132 720	14 929 918	1.4
	210	206	1.9	265	263	.8
Value of land and buildings1: Average per farmdollars_ Average per acredollars_	232 606	175 095	32.8	297 070	225 727	31.6
	1 113	853	30.5	1 124	865	29.9
Farms by size: 1 to 9 acres	4 254	3 117	36.5	1 317	1 001	31.6
	10 256	9 447	8.6	2 109	1 386	52.2
	31 202	35 701	-12.6	19 787	19 998	-1.1
	30 855	32 997	-6.5	28 324	29 377	-3.6
	4 682	4 437	5.5	4 579	4 255	7.6
	778	672	15.8	766	651	17.7
	172	134	28.4	167	132	26.5
Harvested cropland farms. acres. Irrigated land acres. 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.	75 734 10 062 154 1 695 259 270 4 854 582 41 093 943 422 67 484 3 911 160	81 708 9 863 051 1 645 234 557 3 444 600 47 752 671 094 69 574 2 773 506	-7.3 2.0 3.0 10.5 40.9 -13.9 40.6 -3.0	55 002 9 411 818 1 399 257 287 4 758 053 27 708 899 467 51 950 3 858 586	55 194 8 880 943 1 319 231 221 3 326 052 28 879 612 061 51 707 2 713 992	3 6.0 6.1 11.3 43.1 -4.1 47.0 5 42.2
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) Dairy farms (024) Poultry and eggs (025) Animal specialties (027) General farms, primarily livestock (029)	9 570 5 632 1 415 841 623 2 322 17 979 40 168 564 1 722 1 363	9 699 8 300 1 1 829 780 654 2 866 17 996 40 729 624 1 318 1 710	-1.3 -32.1 -22.6 7.8 -4.7 -19.0 -1 -1.4 -9.6 30.7 -20.3	4 850 1 555 816 353 378 926 7 358 39 162 254 456 941	3 894 1 984 838 325 355 1 063 7 408 38 312 305 421 1 295	24.6 -21.6 -2.6 8.6 6.5 -12.9 7 6 -16.7 8.3 -27.3
Farms by type of organization: Individual or family	70 842	76 016	-6.8	47 421	48 481	-2.2
	8 937	8 749	2.1	7 492	6 791	10.3
	2 193	1 555	41.0	2 016	1 449	39.1
	227	185	22.7	120	79	51.9
Tenure of operator: Full owners Part owners Tenants	48 529	53 689	-9.6	27 938	29 047	-3.8
	26 617	26 645	1	23 728	23 258	2.0
	7 053	6 171	14.3	5 383	4 495	19.8
Operators by principal occupation: Farming Other	57 939	59 222	-2.2	49 671	49 514	.3
	24 260	27 283	-11.1	7 378	7 286	1.3
Selected farm production expenses¹: \$1,000 Feed for livestock and poultry \$1,000 Commercial fertilizer \$1,000 Other agricultural chemicats² \$1,000 Energy and petroleum products \$1,000 Hired farm labor \$1,000	667 669	450 562	48.2	652 985	436 397	49.6
	262 517	181 264	44.8	254 594	170 131	49.6
	90 030	59 702	50.8	87 148	56 109	55.3
	382 519	208 074	83.8	362 864	190 109	90.9
	279 154	181 536	53.8	273 821	175 234	56.3
Livestock and poultry inventory: Cattle and calves	62 836	64 192	-2.1	48 999	48 633	.8
	4 458 683	3 971 214	12.3	4 213 590	3 694 876	14.0
	44 093	45 518	-3.1	41 585	41 788	5
Hogs and pigs farms Chickens 3 months old or older number number	1 852 784	1 699 835	9.0	1 833 568	1 668 241	9.9
	11 940	15 713	-24.0	9 111	11 557	-21.2
	1 479 028	1 473 818	.4	1 421 940	1 383 239	2.8
	7 373	9 284	-20.6	4 212	5 402	-22.0
	4 926 499	4 499 970	9.5	4 775 467	4 282 945	11.5
Crops harvested: Corn for grain or seed	52 645	56 602	-7.0	43 786	44 093	7
Corn for silage or green chop acres Oats for grain farms	3 257 104	2 975 928	9.4	3 125 291	2 765 402	13.0
	38 731	38 512	.6	35 989	35 306	1.9
	994 862	848 527	17.2	964 443	813 496	18.6
	40 594	50 851	-20.2	34 254	40 173	-14.7
Soybeans for beans acres	890 503	1 092 308	-18.5	813 243	956 014	-14.9
	5 667	4 587	23.5	4 476	3 297	35.8
	332 235	222 157	49.5	306 426	196 860	55.7
	766	664	15.4	556	495	12.3
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	68 340 64 770 4 491 368 4 262	62 100 71 292 4 771 840 5 188	10.0 -9.1 -5.9 -17.8	67 982 49 422 4 125 529 3 246	50 626 4 223 816 3 502	10.1 -2.4 -2.3 -7.3 -7.7

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