

1982

Census of Agriculture

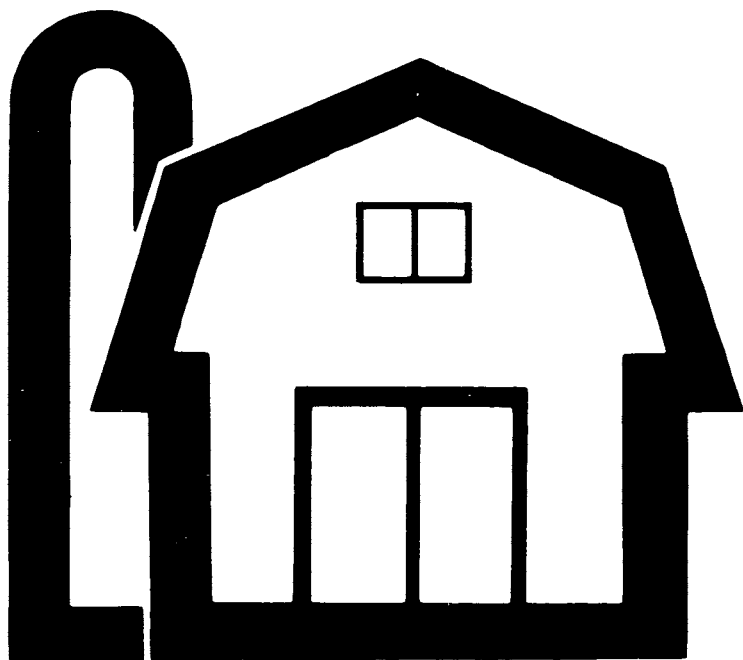
AC82-A-35

Volume 1
GEOGRAPHIC AREA SERIES

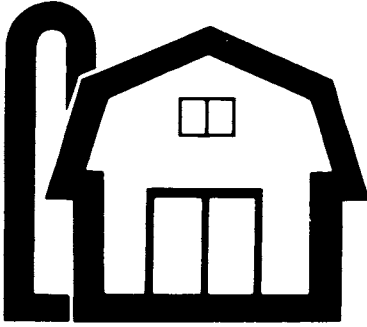
Part 35

Ohio

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.



1982 Census of Agriculture

Issued July 1984

State and County Data
Ohio

GEOGRAPHIC AREA SERIES
AC82-A-35

CHANGE SHEET

The data on page 8 should read as follow.

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

Item	1982	1978	1974
Sheep, lambs, and wool farms . .	6 563	7 177	(NA)
\$1,000 . .	12 621	15 636	(NA)
Hogs and pigs farms . .	13 805	17 683	(NA)
\$1,000 . .	370 674	295 459	(NA)



U.S. Department of Commerce
BUREAU OF THE CENSUS

1982 Census of Agriculture

AC82-A-35

Volume 1
GEOGRAPHIC AREA SERIES

Part 35
Ohio
State and County Data

Issued April 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



BUREAU OF THE CENSUS
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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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*Not applicable.

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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.

1982 CENSUS OF AGRICULTURE

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.

OHIO



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.....number..	86 934	89 131	-2.5	43 694	45 352	-3.7
Land in farms.....acres..	15 404 054	15 788 833	-2.4	12 322 776	12 349 426	-2
Average size of farm.....acres..	177	177	-	282	272	3.7
Value of land and buildings ¹ :						
Average per farm.....dollars..	267 899	263 585	1.6	434 996	423 408	2.7
Average per acre.....dollars..	1 504	1 484	1.3	1 534	1 567	-2.1
Farms by size:						
1 to 9 acres.....	6 223	5 022	23.9	1 440	1 306	10.3
10 to 49 acres.....	18 769	18 782	12.0	2 145	1 721	24.6
50 to 179 acres.....	35 951	39 203	-8.3	17 185	17 712	-3.1
180 to 499 acres.....	19 468	22 066	-11.8	16 595	18 708	-11.3
500 to 999 acres.....	5 098	4 960	2.8	4 855	4 814	2.9
1,000 to 1,999 acres.....	1 281	1 008	25.1	1 293	984	25.3
2,000 acres or more.....	164	110	49.1	161	107	50.5
Harvested cropland.....farms..	78 383	82 515	-5.0	42 129	43 936	-4.1
.....acres..	10 396 323	10 213 858	1.8	9 390 822	9 050 983	3.8
Irrigated land.....farms..	1 152	1 103	4.4	798	802	-5
.....acres..	27 688	24 970	10.9	25 837	23 560	9.7
Market value of agricultural products sold.....\$1,000..	3 387 461	2 860 034	18.4	3 226 785	2 685 292	20.2
Crops, including nursery and greenhouse products.....farms..	64 761	69 262	-8.5	38 930	40 582	-4.1
.....\$1,000..	1 863 940	1 601 374	16.4	1 769 734	1 500 557	17.9
Livestock, poultry, and their products.....farms..	50 489	54 255	-6.9	26 606	28 853	-7.8
.....\$1,000..	1 523 522	1 258 660	21.0	1 457 051	1 184 735	23.0
Farms by standard industrial classification:						
Cash grains (011).....	38 994	40 130	-2.8	23 888	24 095	-9
Field crops, except cash grains (013).....	5 754	5 829	-1.3	1 349	886	52.3
Vegetables and melons (016).....	1 037	998	3.9	459	481	-4.6
Fruits and tree nuts (017).....	1 115	1 120	-4	349	370	-5.7
Horticultural specialties (018).....	1 251	1 362	-8.1	779	841	-7.4
General farms, primarily crop (019).....	2 380	2 279	4.4	653	837	-22.0
Livestock, except dairy, poultry, and animal specialties (021).....	24 326	25 827	-5.8	7 545	8 719	-13.5
Dairy farms (024).....	7 381	7 459	-1.0	6 984	6 909	1.1
Poultry and eggs (025).....	978	1 211	-19.2	664	925	-28.2
Animal specialties (027).....	2 536	1 521	66.7	376	303	24.1
General farms, primarily livestock (029).....	1 182	1 395	-15.3	648	986	-34.3
Farms by type of organization:						
Individual or family.....	74 910	76 962	-2.7	35 285	37 079	-4.8
Partnership.....	10 030	10 668	-6.0	6 899	7 094	-2.7
Corporation.....	1 854	1 217	35.9	1 371	1 066	28.6
Other—cooperative, estate or trust, institutional, etc.	340	284	19.7	139	113	23.0
Tenure of operator:						
Full owners.....	51 739	52 409	-1.3	17 928	18 584	-3.5
Part owners.....	25 406	25 822	-1.6	19 468	19 953	-2.4
Tenants.....	9 789	10 900	-10.2	6 298	6 815	-7.6
Operators by principal occupation:						
Farming.....	43 174	44 283	-2.5	31 122	32 527	-4.3
Other.....	43 760	44 848	-2.4	12 572	12 825	-2.0
Selected farm production expenses ¹ :						
Feed for livestock and poultry.....\$1,000..	392 540	280 456	40.0	371 467	260 745	42.5
Commercial fertilizer.....\$1,000..	357 480	266 212	34.3	337 495	245 965	37.2
Other agricultural chemicals ²\$1,000..	139 930	89 870	55.7	132 113	83 010	59.2
Energy and petroleum products.....\$1,000..	282 743	175 627	61.0	254 204	152 935	66.2
Hired farm labor.....\$1,000..	166 229	137 949	20.5	157 925	129 138	22.3
Livestock and poultry inventory:						
Cattle and calves.....farms..	42 240	43 127	-2.1	20 677	21 813	-5.2
.....number..	1 619 488	1 658 588	-2.4	1 290 537	1 318 498	-2.1
Milk cows.....farms..	11 377	12 698	-10.4	8 985	9 657	-7.0
.....number..	368 601	363 863	1.3	358 965	350 763	2.3
Hogs and pigs.....farms..	13 789	17 537	-21.5	9 468	11 676	-18.9
.....number..	2 076 768	2 126 166	-2.3	2 000 022	1 991 133	.4
Chickens 3 months old or older.....farms..	8 761	9 292	-5.7	3 309	3 787	-12.6
.....number..	13 516 150	11 316 374	19.4	13 302 593	11 045 195	20.4
Crops harvested:						
Corn for grain or seed.....farms..	52 659	54 963	-4.2	36 080	37 002	-2.5
.....acres..	3 862 625	3 455 555	11.8	3 634 304	3 203 952	13.4
Corn for silage or green chop.....farms..	9 646	9 886	-2.4	8 687	8 865	-2.0
.....acres..	232 635	222 654	4.5	223 555	213 308	4.8
Wheat for grain.....farms..	32 648	31 663	3.1	25 324	24 878	1.8
.....acres..	1 151 219	943 133	22.1	1 059 222	867 965	22.0
Oats for grain.....farms..	18 280	19 507	-6.3	12 719	13 424	-5.3
.....acres..	304 190	302 390	.6	255 814	249 455	2.5
Soybeans for beans.....farms..	39 065	44 190	-11.6	28 357	30 860	-8.1
.....acres..	3 633 196	3 846 614	-5.5	3 382 224	3 516 844	-3.8
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text).....farms..	40 709	45 635	-10.8	20 217	23 167	-12.7
.....acres..	1 241 652	1 439 225	-13.7	862 409	999 222	-13.7
Vegetables harvested for sale (see text).....farms..	2 442	2 458	-.7	1 305	1 340	-2.6
.....acres..	53 594	55 330	-3.1	50 187	51 446	-2.4

¹Data are based on a sample of farms.

²Data for 1978 include the cost of lime which was not collected in 1982.