

1982 Census of Agriculture

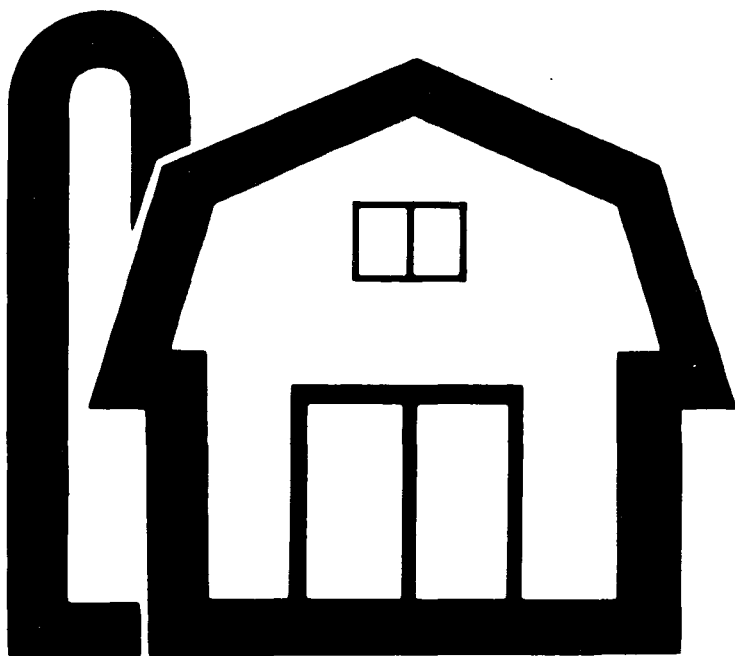
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Volume 1
GEOGRAPHIC AREA SERIES

Part 16

Kansas

State and County Data



U.S. Department of Commerce
BUREAU OF THE CENSUS

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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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
John G. Keane, Director
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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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

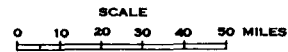
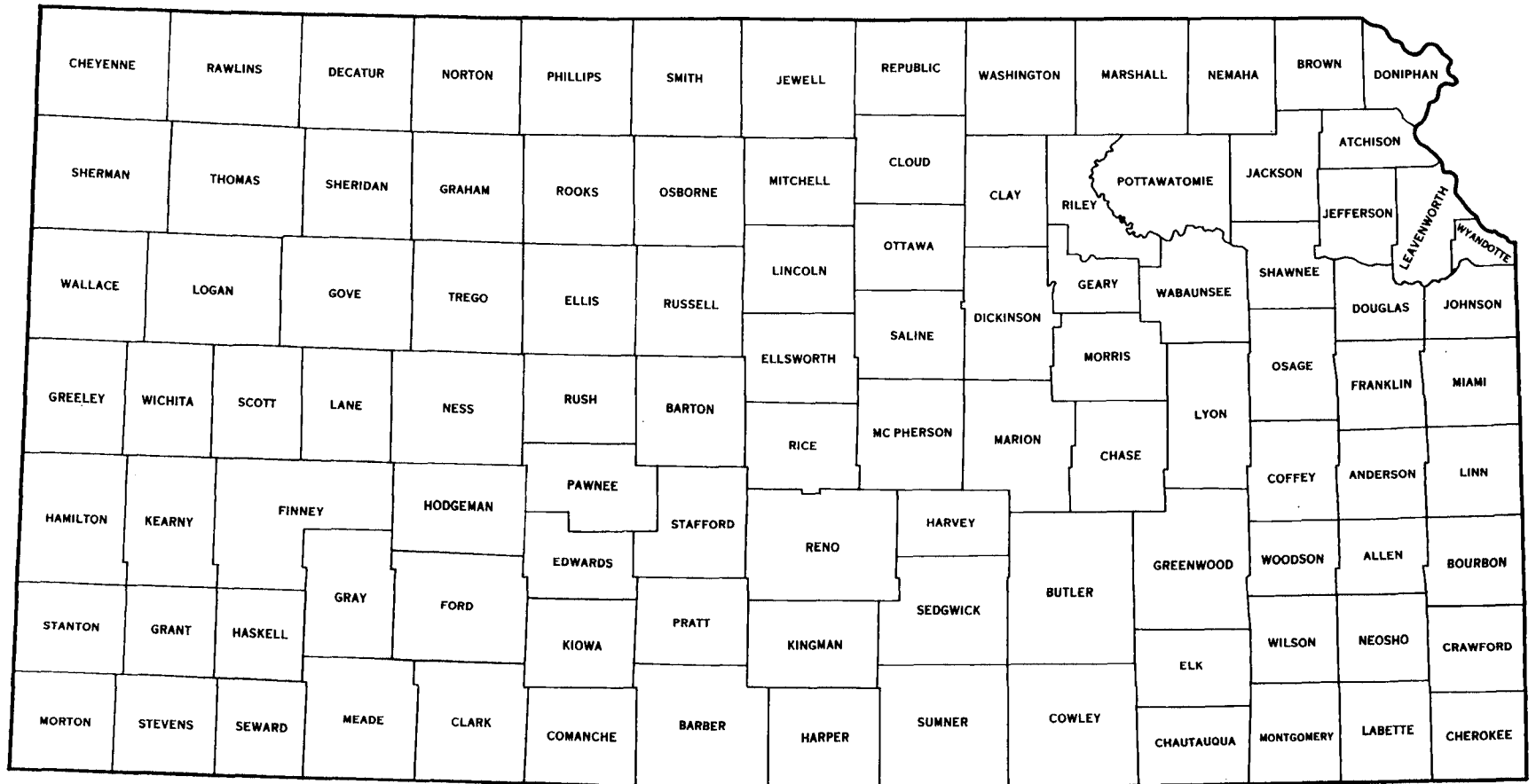
Inventories of livestock, poultry, and machinery and equipment are as of December 31 of the census year. Crop and livestock production, sales, and expense data are for the calendar year, except for a few crops (such as citrus) for which the production year overlaps the calendar year.

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. |

KANSAS



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.....	73 315	74 171	-1.2	47 895	47 325	1.2
Land in farms.....acres.....	47 052 213	47 499 831	-9	43 660 307	43 266 700	.9
Average size of farm.....acres.....	642	640	.3	912	914	-2
Value of land and buildings ¹ :						
Average per farm.....dollars.....	384 197	322 165	19.3	529 905	450 289	17.7
Average per acre.....dollars.....	601	498	20.7	587	489	20.0
Farms by size:						
1 to 9 acres.....	3 547	3 186	11.3	985	909	8.4
10 to 49 acres.....	6 837	5 379	27.1	637	629	1.3
50 to 179 acres.....	18 720	16 971	-1.5	5 066	4 109	23.3
180 to 499 acres.....	18 693	20 044	-6.7	14 372	14 050	2.3
500 to 999 acres.....	13 600	14 871	-8.5	13 072	14 080	-7.2
1,000 to 1,999 acres.....	9 428	9 501	-8	9 305	9 362	-6
2,000 acres or more.....	4 490	4 219	6.4	4 458	4 186	6.5
Harvested cropland.....farms.....	62 860	64 862	-3.1	45 244	44 658	1.3
.....acres.....	20 186 974	18 987 644	6.3	19 296 968	17 660 909	9.3
Irrigated land.....farms.....	7 257	7 961	-8.8	6 846	7 344	-6.8
.....acres.....	2 675 167	2 685 757	-4	2 665 337	2 662 701	.1
Market value of agricultural products sold.....\$1,000.....	6 190 861	4 995 543	23.9	6 087 109	4 872 768	24.9
Crops, including nursery and greenhouse products.....farms.....	56 791	59 075	-3.9	43 426	42 502	2.2
.....\$1,000.....	2 143 047	1 440 843	48.7	2 093 536	1 380 126	51.7
Livestock, poultry, and their products.....farms.....	51 701	54 221	-4.6	35 858	37 231	-3.7
.....\$1,000.....	4 047 815	3 554 701	13.9	3 993 574	3 492 642	14.3
Farms by standard industrial classification:						
Cash grains (011).....	37 211	34 287	8.5	28 407	23 371	21.5
Field crops, except cash grains (013).....	1 666	1 876	-11.2	552	571	-3.3
Vegetables and melons (016).....	146	127	15.0	46	41	12.2
Fruits and tree nuts (017).....	175	142	23.2	25	22	13.6
Horticultural specialties (018).....	230	146	-3.0	146	144	1.4
General farms, primarily crop (019).....	1 349	1 329	1.5	693	881	-21.3
Livestock, except dairy, poultry, and animal specialties (021).....	28 322	32 712	-13.4	15 593	19 769	-21.1
Dairy farms (024).....	1 804	1 839	-1.9	1 738	1 740	-.1
Poultry and eggs (025).....	232	234	-.9	102	131	-22.1
Animal specialties (027).....	1 129	579	95.0	144	91	58.2
General farms, primarily livestock (029).....	1 051	809	29.9	449	564	-20.4
Farms by type of organization:						
Individual or family.....	64 313	65 380	-1.6	40 949	40 824	.3
Partnership.....	6 702	7 092	-5.5	5 010	5 029	-.4
Corporation.....	1 876	1 478	26.9	1 711	1 379	24.1
Other—cooperative, estate or trust, institutional, etc.....	424	221	91.9	225	93	141.9
Tenure of operator:						
Full owners.....	31 834	30 061	5.9	14 006	12 590	11.2
Part owners.....	29 862	31 647	-5.6	25 981	27 145	-4.3
Tenants.....	11 619	12 463	-6.8	7 908	7 590	4.2
Operators by principal occupation:						
Farming.....	47 293	49 104	-3.7	38 661	39 066	-1.0
Other.....	26 022	25 067	3.8	9 234	8 259	11.8
Selected farm production expenses ¹ :						
Feed for livestock and poultry.....\$1,000.....	920 415	803 712	14.5	906 129	787 994	15.0
Commercial fertilizer.....\$1,000.....	254 590	252 403	.9	246 405	237 711	3.7
Other agricultural chemicals ²\$1,000.....	94 957	68 543	38.5	92 643	65 358	41.7
Energy and petroleum products.....\$1,000.....	412 767	247 357	66.9	393 142	228 475	72.1
Hired farm labor.....\$1,000.....	153 404	131 444	16.7	149 853	126 895	18.1
Livestock and poultry inventory:						
Cattle and calves.....farms.....	47 008	48 215	-2.5	32 612	33 487	-2.6
.....number.....	5 800 138	5 930 018	-2.2	5 461 532	5 555 689	-1.7
Milk cows.....farms.....	4 631	5 691	-18.6	3 685	4 411	-16.5
.....number.....	123 009	120 775	1.8	120 778	117 209	3.0
Hogs and pigs.....farms.....	9 241	13 329	-30.7	7 327	10 309	-28.9
.....number.....	1 708 770	2 014 541	-15.2	1 667 539	1 919 131	-13.1
Chickens 3 months old or older.....farms.....	6 044	7 137	-15.3	3 308	4 224	-21.7
.....number.....	2 093 245	2 796 152	-25.1	2 000 203	2 664 331	-24.9
Crops harvested:						
Corn for grain or seed.....farms.....	8 346	10 618	-21.4	7 635	9 321	-18.1
.....acres.....	1 161 875	1 567 013	-25.9	1 151 181	1 541 646	-25.3
Corn for silage or green chop.....farms.....	3 020	4 479	-32.6	2 932	4 227	-30.6
.....acres.....	154 307	258 170	-40.2	152 081	253 517	-40.0
Sorghum for grain or seed.....farms.....	26 908	34 778	-22.6	23 836	27 989	-14.8
.....acres.....	3 187 148	3 664 560	-13.0	3 104 201	3 438 382	-9.7
Wheat for grain.....farms.....	49 231	46 131	6.7	39 957	35 739	11.8
.....acres.....	11 664 008	9 601 848	21.5	11 218 194	8 949 374	25.4
Soybeans for beans.....farms.....	17 116	16 254	5.3	13 825	12 102	14.2
.....acres.....	1 692 288	1 480 800	14.3	1 601 824	1 351 573	18.5
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text).....farms.....	37 341	39 244	-4.8	27 363	28 650	-4.5
.....acres.....	2 233 631	2 241 288	-3	1 979 606	1 959 122	1.0

¹Data are based on a sample of farms.

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