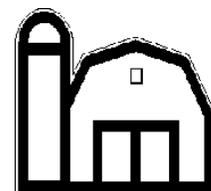


1992

Census of Agriculture



AC92-A-4

Volume 1
GEOGRAPHIC AREA SERIES

Part 4

Arkansas

State and County Data



U.S. Department of Commerce
Economics and Statistics Administration
BUREAU OF THE CENSUS

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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.

If you have any questions concerning the statistics in this report, call:

301-763-8555 Division Chief

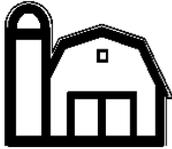
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Introduction

HISTORY

The 1992 Census of Agriculture is the 24th 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 so that it coincided with the economic censuses covering manufacturing, mining, construction, retail trade, wholesale trade, service industries, and selected transportation activities. This adjustment in timing established the agriculture census on a 5-year cycle collecting data for years ending in 2 and 7.

USES OF THE CENSUS

The census of agriculture is the leading source of statistics about the Nation's agricultural production and the only source of consistent, comparable data 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 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 agricultural 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 a census be taken in 1979, 1983, and in every fifth year after 1983, covering the prior year. The 1992 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 first were established, the farm definition has been changed nine times. The current definition, first

used for the 1974 census, is any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year. The farm definition used for the outlying areas varies according to area. The report for each area includes a discussion of its farm definition.

COMPARABILITY OF DATA

Data on acreages and inventories for 1992 and 1987 are generally comparable. Dollar figures shown for expenses and agricultural product sales are expressed in current dollars and have not been adjusted for inflation or deflation. In general, data for censuses since 1974 are not fully comparable with data for 1969 and earlier censuses due to changes in the farm definition.

TABULAR PRESENTATION

State data. Tables 1 through 45 in chapter 1 show detailed State-level data usually accompanied by historical data for one or more past censuses. Tables 46 through 52 provide 1992 State data cross-tabulated by various farm classifications.

County data. Chapter 2 presents selected data items by county. Tables 1 through 17 include general data for all counties. The counties are listed in alphabetical order in the column headings. Tables 18 through 39 include only counties reporting the data item. Counties not having the item, or with a limited number of farms reporting the item, have data combined and presented as "all other counties."

SPECIAL TABULATIONS

Custom designed tabulations can be developed to individual user specifications on a programming cost reimbursable basis. Inquiries about special tabulations should be directed to the Chief, Agriculture Division, Bureau of the Census, Washington, DC 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 release of confidential information and is provided even though other information is withheld.

INVENTORIES, PRODUCTION, AND SALES DATA

Inventories of livestock, poultry, and machinery and equipment are measured 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.
(H)	Standard error or relative standard error of estimate is greater than or equal to 99.95 percent.
(IC)	Independent city.
(L)	Standard error or relative standard error of estimate is less than .05 percent.
(NA)	Not available.
(S)	Withheld because estimate did not meet publication standards on the basis of either the response rate or a consistency review.
(X)	Not applicable.
(Z)	Less than half of the unit shown.
cwt	Hundredweight.
sq ft	Square feet.

A. Highlights of the State's Agriculture: 1992 and 1987

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

Item	All farms		
	1992	1987	Percent change from 1987 to 1992
Farms number	43 937	48 242	-8.9
Land in farms acres	14 127 711	14 355 611	-1.6
Average size of farm acres	322	298	8.1
Estimated market value of land and buildings ¹ :			
Average per farm dollars	282 389	225 604	25.2
Average per acre dollars	880	761	15.6
Estimated market value of all machinery and equipment ¹ :			
Average per farm dollars	44 601	34 505	29.3
Farms by size:			
1 to 9 acres	1 727	2 249	-23.2
10 to 49 acres	8 295	9 723	-14.7
50 to 179 acres	15 771	17 551	-10.1
180 to 499 acres	10 719	11 173	-4.1
500 to 999 acres	4 188	4 371	-4.2
1,000 to 1,999 acres	2 287	2 304	-7
2,000 acres or more	950	871	9.1
Total cropland farms	37 408	40 536	-7.7
Harvested cropland acres	10 064 948	9 950 401	1.2
Irrigated land farms	30 441	32 248	-5.6
..... acres	7 295 095	6 477 365	12.6
Irrigated land farms	6 682	7 269	-8.1
..... acres	2 701 651	2 406 338	12.3
Market value of agricultural products sold \$1,000	4 159 505	3 320 258	25.3
Average per farm dollars	94 670	68 825	37.6
Crops, including nursery and greenhouse crops \$1,000	1 714 842	1 246 686	37.6
Livestock, poultry, and their products \$1,000	2 444 663	2 073 572	17.9
Farms by value of sales:			
Less than \$2,500	9 566	12 130	-21.1
\$2,500 to \$4,999	6 405	7 609	-15.8
\$5,000 to \$9,999	6 844	7 101	-3.6
\$10,000 to \$24,999	6 071	6 088	-3
\$25,000 to \$49,999	2 717	2 885	-5.8
\$50,000 to \$99,999	2 614	3 329	-21.5
\$100,000 to \$249,999	4 546	5 686	-20.0
\$250,000 to \$499,999	3 354	2 511	33.6
\$500,000 or more	1 820	903	101.6
Total farm production expenses ¹ \$1,000	3 245 341	2 454 097	32.2
Average per farm dollars	73 865	50 869	45.2
Net cash return from agricultural sales for the farm unit (see text) ¹ farms	43 936	48 243	-8.9
..... \$1,000	778 566	643 726	20.9
Average per farm dollars	17 720	13 343	32.8
Operators by principal occupation:			
Farming	23 273	24 210	-3.9
Other	20 664	24 032	-14.0
Operators by days worked off farm:			
Any	22 755	26 208	-13.2
200 days or more	16 181	18 417	-12.1
Livestock and poultry:			
Cattle and calves inventory farms	29 162	31 606	-7.7
..... number	1 632 666	1 562 243	4.5
Beef cows farms	26 011	27 297	-4.7
..... number	826 306	786 183	5.1
Milk cows farms	1 688	2 252	-25.0
..... number	64 427	70 926	-9.2
Cattle and calves sold farms	28 545	31 315	-8.8
..... number	817 838	888 755	-8.0
Hogs and pigs inventory farms	1 883	2 467	-23.7
..... number	725 497	452 930	60.2
Hogs and pigs sold farms	1 666	2 168	-23.2
..... number	2 016 536	1 211 130	66.5
Sheep and lambs inventory farms	420	351	19.7
..... number	12 006	10 943	9.7
Chickens 3 months old or older inventory farms	2 123	3 263	-34.9
..... number	22 115 272	24 085 427	-8.2
Broilers and other meat-type chickens sold farms	3 666	4 132	-11.3
..... number	862 403 824	719 764 548	19.8
Selected crops harvested:			
Sorghum for grain or seed farms	2 343	3 631	-35.5
..... acres	344 936	334 569	3.1
Wheat for grain bushels	23 339 497	22 351 651	4.4
..... farms	4 134	5 329	-22.4
..... acres	815 096	859 405	-5.2
Rice bushels	35 234 257	33 241 332	6.0
..... farms	4 924	5 613	-12.3
..... acres	1 363 237	1 041 433	30.9
Cotton cwt	75 410 027	54 663 266	38.0
..... farms	2 279	2 479	-8.1
..... acres	947 973	529 636	79.0
Soybeans for beans bales	1 574 664	816 723	92.8
..... farms	7 604	8 983	-15.4
..... acres	3 164 168	3 160 746	.1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) bushels	99 219 546	73 279 691	35.4
..... farms	21 542	21 832	-1.3
..... acres	1 111 909	944 470	17.7
..... tons, dry	2 106 936	1 511 459	39.4

¹Data are based on a sample of farms.

B. Highlights of the State's Agriculture: 1992 and 1987 (Metric Measurement)

[1 acre = 0.4047 hectare. For further metric conversions, see metric conversion table in appendix E. Dollar figures are in current dollars with no adjustment for price changes. For meaning of abbreviations and symbols, see introductory text]

Item	All farms		
	1992	1987	Percent change from 1987 to 1992
Farms ----- number	43 937	48 242	-8.9
Land in farms ----- hectares	5 717 485	5 809 716	-1.6
Average size of farm ----- hectares	130	120	8.3
Estimated market value of land and buildings ¹ :			
Average per farm ----- dollars	282 389	225 604	25.2
Average per hectare ----- dollars	880	761	15.6
Estimated market value of all machinery and equipment ¹ :			
Average per farm ----- dollars	44 601	34 505	29.3
Farms by size:			
.01 to 3.84 hectares -----	1 727	2 249	-23.2
3.85 to 20.04 hectares -----	8 295	9 723	-14.7
20.05 to 72.67 hectares -----	15 771	17 551	-10.1
72.68 to 202.22 hectares -----	10 719	11 173	-4.1
202.23 to 404.65 hectares -----	4 188	4 371	-4.2
404.66 to 809.51 hectares -----	2 287	2 304	-7
809.52 hectares or more -----	950	871	9.1
Total cropland ----- farms	37 408	40 536	-7.7
----- hectares	4 073 284	4 026 927	1.2
Harvested cropland ----- farms	30 441	32 248	-5.6
----- hectares	2 952 325	2 621 390	12.6
Irrigated land ----- farms	6 682	7 269	-8.1
----- hectares	1 093 358	973 845	12.3
Market value of agricultural products sold ----- \$1,000	4 159 505	3 320 258	25.3
Average per farm ----- dollars	94 670	68 825	37.6
Crops, including nursery and greenhouse crops ----- \$1,000	1 714 842	1 246 686	37.6
Livestock, poultry, and their products ----- \$1,000	2 444 663	2 073 572	17.9
Farms by value of sales:			
Less than \$2,500 -----	9 566	12 130	-21.1
\$2,500 to \$4,999 -----	6 405	7 609	-15.8
\$5,000 to \$9,999 -----	6 844	7 101	-3.6
\$10,000 to \$24,999 -----	6 071	6 088	-3
\$25,000 to \$49,999 -----	2 717	2 885	-5.8
\$50,000 to \$99,999 -----	2 614	3 329	-21.5
\$100,000 to \$249,999 -----	4 546	5 686	-20.0
\$250,000 to \$499,999 -----	3 354	2 511	33.6
\$500,000 or more -----	1 820	903	101.6
Total farm production expenses ¹ ----- \$1,000	3 245 341	2 454 097	32.2
Average per farm ----- dollars	73 865	50 869	45.2
Net cash return from agricultural sales for the farm unit (see text) ¹ ----- farms	43 936	48 243	-8.9
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Operators by days worked off farm:			
Any -----	22 755	26 208	-13.2
200 days or more -----	16 181	18 417	-12.1
Livestock and poultry:			
Cattle and calves inventory ----- farms	29 162	31 606	-7.7
----- number	1 632 666	1 562 243	4.5
Beef cows ----- farms	26 011	27 297	-4.7
----- number	826 306	786 183	5.1
Milk cows ----- farms	1 688	2 252	-25.0
----- number	64 427	70 926	-9.2
Cattle and calves sold ----- farms	28 545	31 315	-8.8
----- number	817 838	888 755	-8.0
Hogs and pigs inventory ----- farms	1 883	2 467	-23.7
----- number	725 497	452 930	60.2
Hogs and pigs sold ----- farms	1 666	2 168	-23.2
----- number	2 016 536	1 211 130	66.5
Sheep and lambs inventory ----- farms	420	351	19.7
----- number	12 006	10 943	9.7
Chickens 3 months old or older inventory ----- farms	2 123	3 263	-34.9
----- number	22 115 272	24 085 427	-8.2
Broilers and other meat-type chickens sold ----- farms	3 666	4 132	-11.3
----- number	862 403 824	719 764 548	19.8
Selected crops harvested:			
Sorghum for grain or seed ----- farms	2 343	3 631	-35.5
----- hectares	139 596	135 400	3.1
----- metric tons	592 851	567 758	4.4
Wheat for grain ----- farms	4 134	5 329	-22.4
----- hectares	329 869	347 801	-5.2
----- metric tons	958 920	904 681	6.0
Rice ----- farms	4 924	5 613	-12.3
----- hectares	551 702	421 468	30.9
----- metric tons	3 420 542	2 479 485	38.0
Cotton ----- farms	2 279	2 479	-8.1
----- hectares	383 645	214 344	79.0
----- metric tons	342 843	177 821	92.8
Soybeans for beans ----- farms	7 604	8 983	-15.4
----- hectares	1 280 539	1 279 154	1
----- metric tons	2 700 315	1 994 347	35.4
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms	21 542	21 832	-1.3
----- hectares	449 990	382 227	17.7
----- metric tons	1 911 381	1 371 173	39.4

¹Data are based on a sample of farms.

2 ARKANSAS

1992 CENSUS OF AGRICULTURE