



AC92-A-17

Volume 1 GEOGRAPHIC AREA SERIES

Part 17

# Kentucky

**State and County Data** 



U.S. Department of Commerce Economics and Statistics Administration BUREAU OF THE CENSUS JOBNAME: No Job Name PAGE: 1 SESS: 5 OUTPUT: Wed Dec 15 10:04:40 1993 /pssw01/disk2/economic/ac92a/0/02ack

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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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### 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.

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#### **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]

Itom	_		All farms		
Item		1992	1987	Percent change from 1987 to 1992	
Farms		90 281	92 453	-2.3 -2.5	
Land in farms  Average size of farm		13 665 798 151	14 012 700 152	-2.5 7	
Estimated market value of land and buildings 1: Average per farmAverage per acre	dollars	163 660 1 077	135 696 896	20.6 20.2	
Estimated market value of all machinery and equipment 1: Average per farm	dollars	24 918	22 670	9.9	
Farms by size: 1 to 9 acres		10 402	10 648	-2.3	
10 to 49 acres		21 911 36 515	20 707 38 261	5.8	
50 to 179 acres		16 586	17 920	-4.6 -7.4	
500 to 999 acres		3 468 1 066	3 618 1 052	-4.1 1.3	
2,000 acres or more		333	247	34.8	
Total cropland		86 345	88 664	-2.6	
Harvested cropland		8 880 989 79 590	8 900 086 83 097	2 -4.2	
	acres	4 417 651	4 250 284	3.9	
Irrigated land	acres	2 120 27 647	3 733 37 693	-43.2 -26.7	
Market value of agricultural products sold	\$1,000dollars	2 663 702 29 505	2 075 571 22 450	28.3 31.4	
Crops, including nursery and greenhouse crops		1 449 823 1 213 879	889 882 1 185 689	62.9 2.4	
Farms by value of sales: Less than \$2,500		17 881	24 380	-26.7	
\$2,500 to \$4,999 \$5,000 to \$9,999		14 745 17 129	16 421 17 620	-10.2 -2.8	
\$10,000 to \$24,999		20 354	18 078	12.6	
\$25,000 to \$49,999 \$50,000 to \$99,999		9 623 5 519	7 880 4 527	22.1 21.9	
\$100,000 to \$249,999\$250,000 to \$499,999		3 474 1 094	2 667 631	30.3 73.4	
\$500,000 or more		462	249	85.5	
Total farm production expenses <sup>1</sup>	\$1,000 dollars	1 828 743 20 256	1 485 994 16 073	23.1 26.0	
Net cash return from agricultural sales for the farm unit (see text) 1	farms	90 280	92 453	-2.4	
Average per farm	\$1,000 dollars	817 456 9 055	579 635 6 270	41.0 44.4	
Operators by principal occupation: FarmingOther		40 175 50 106	41 451 51 002	-3.1 -1.8	
Operators by days worked off farm:					
Any		51 075 36 497	54 464 37 893	-6.2 -3.7	
•		30 437	37 000	-5.7	
Livestock and poultry: Cattle and calves inventory		52 572	53 626	-2.0	
Beef cows	number farms	2 503 680 42 898	2 343 541 41 396	6.8 3.6	
Milk cows	number farms	1 088 532 4 984	967 856 7 002	12.5 -28.8	
	number	186 089	224 267	-17.0	
Cattle and calves sold		50 174	52 210	-3.9 -2.1	
Hogs and pigs inventory		1 277 661 4 879	1 305 423 8 242	-40.8	
Hogs and pigs sold	number farms	782 408 4 345	838 452 7 602	-6.7 -42.8	
Sheep and lambs inventory	number	1 464 686 1 032	1 497 306 985	-2.2 4.8	
Chickens 3 months old or older inventory	number	37 729 3 126	36 522 5 989	3.3 -47.8	
Broilers and other meat-type chickens sold	number	2 637 061	2 103 650	25.4	
Broilers and other meat-type chickens sold	number	110 27 623 677	73 2 201 169	50.7 1 155.0	
Selected crops harvested:					
Corn for grain or seed	farms acres	16 945 1 166 234	25 067 1 048 809	-32.4 11.2	
Corn for silage or green chop	bushels	145 213 536 3 855	104 364 883 5 344	39.1 -27.9	
	acres	105 077 1 733 554	134 669 1 962 245	-27.3 -22.0 -11.7	
Wheat for grain		3 881	5 361	-27.6	
	acres bushels	326 268 16 252 236	283 742 12 752 191	15.0 27.4	
Tobacco	farms acres	59 373 268 140	61 962 175 957	-4.2 52.4	
Soybeans for beans	pounds	542 000 404 7 185	336 364 307 8 765	61.1 -18.0	
	acres bushels	1 030 180 37 796 827	1 021 903 27 138 451	.8 39.3	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc	: (see				
text)	acres	47 478 1 837 802	51 362 1 796 635	-7.6 2.3	
	tons, dry	3 757 782	3 291 951	14.2	

<sup>&</sup>lt;sup>1</sup>Data 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]

		All farms	
ltem	1992	1987	Percent change from 1987 to 1992
Farmsnumber Land in farmshectares Average size of farmhectares	90 281	92 453	-2.3
	5 530 548	5 670 940	-2.5
	61	61	-
Estimated market value of land and buildings 1:  Average per farm	163 660	135 696	20.6
	1 077	896	20.2
Estimated market value of all machinery and equipment 1:  Average per farmdollars	24 918	22 670	9.9
Farms by size: .01 to 3.84 hectares .3.85 to 20.04 hectares .20.05 to 72.67 hectares .20.05 to 20.22 hectares .20.23 to 404.65 hectares .20.23 to 404.65 hectares .20.25 hectares .20.25 hectares .20.25 hectares	10 402	10 648	-2.3
	21 911	20 707	5.8
	36 515	38 261	-4.6
	16 586	17 920	-7.4
	3 468	3 618	-4.1
	1 066	1 052	1.3
	333	247	34.8
Total croplandfarms  Harvested croplandfarms	86 345	88 664	-2.6
	3 594 136	3 601 865	2
	79 590	83 097	-4.2
	1 787 823	1 720 090	3.9
hectares_  Irrigated land farms_ hectares_	2 120	3 733	-43.2
	11 189	15 254	-26.6
Market value of agricultural products sold\$1,000	2 663 702	2 075 571	28.3
	29 505	22 450	31.4
Crops, including nursery and greenhouse crops\$1,000\$1,000\$1,000\$1,000\$1,000\$1,000\$1,000\$1,000\$1,000\$1,000\$1,000	1 449 823	889 882	62.9
	1 213 879	1 185 689	2.4
Farms by value of sales: Less than \$2,500 to \$4,999 \$5,000 to \$4,999 \$10,000 to \$24,999 \$25,000 to \$49,999 \$25,000 to \$49,999 \$10,000 to \$99,999 \$100,000 to \$49,999 \$250,000 to \$499,999 \$250,000 to \$499,999 \$250,000 to \$499,999	17 881 14 745 17 129 20 354 9 623 5 519 3 474 1 094	24 380 16 421 17 620 18 078 7 880 4 527 2 667 631	-26.7 -10.2 -2.8 12.6 22.1 21.9 30.3 73.4 85.5
Total farm production expenses <sup>1</sup> \$1,000_	1 828 743	1 485 994	23.1
Average per farmdollars	20 256	16 073	26.0
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	817 456	579 635	41.0
	9 055	6 270	44.4
Operators by principal occupation: FarmingOther	40 175	41 451	−3.1
	50 106	51 002	−1.8
Operators by days worked off farm: Any	51 075	54 464	-6.2
	36 497	37 893	-3.7
Livestock and poultry:  Cattle and calves inventory	52 572	53 626	-2.0
	2 503 680	2 343 541	6.8
Beef cows	42 898	41 396	3.6
	1 088 532	967 856	12.5
	4 984	7 002	-28.8
	186 089	224 267	-17.0
Cattle and calves soldfarmsnumber	50 174	52 210	-3.9
	1 277 661	1 305 423	-2.1
Hogs and pigs inventoryfarms number Hogs and pigs soldfarms	4 879 782 408 4 345	8 242 838 452 7 602	-40.8 -6.7
number Sheep and lambs inventoryfarms	1 464 686 1 032	1 497 306 985	-42.8 -2.2 4.8
number Chickens 3 months old or older inventory	37 729	36 522	3.3
	3 126	5 989	-47.8
Broilers and other meat-type chickens soldnumber number_	2 637 061 110 27 623 677	2 103 650 73 2 201 169	25.4 50.7 1 155.0
Selected crops harvested:  Corn for grain or seed	16 945	25 067	-32.4
	471 975	424 453	11.2
Corn for silage or green chopfarms hectaresmetric tons	3 688 595	2 650 991	39.1
	3 855	5 344	-27.9
	42 525	54 501	-22.0
	1 572 654	1 780 119	-11.7
Wheat for grain farms	3 881 132 041 442 314	5 361 114 830 347 058	-11.7 -27.6 15.0 27.4
Tobacco farms	59 373	61 962	-4.2
hectares	108 516	71 210	52.4
metric tons	245 847	152 572	61.1
Soybeans for beansfarmshectaresmetric tons	7 185	8 765	-18.0
	416 914	413 564	.8
	1 028 661	738 588	39.3
text) farms	47 478	51 362	-7.6
hectares	743 758	727 098	2.3
metric tons	3 409 003	2 986 409	14.2

<sup>&</sup>lt;sup>1</sup>Data are based on a sample of farms.