



AC92-A-26

Volume 1 GEOGRAPHIC AREA SERIES

Part 26

# **Montana**

**State and County Data** 



U.S. Department of Commerce Economics and Statistics Administration BUREAU OF THE CENSUS JOBNAME: No Job Name PAGE: 1 SESS: 6 OUTPUT: Thu Jul 21 08:29:17 1994 /pssw01/disk2/economic/ac92a/0/02ack

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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]

10-22	All farms		
Item	1992	1987	Percent change from 1987 to 1992
Farmsnumber Land in farmsacres Average size of farmacres	59 642 536		-7.1 9 6.6
Estimated market value of land and buildings ¹:  Average per farmdollars  Average per acredollars	594 881 227	505 526 205	17.7 10.7
Estimated market value of all machinery and equipment 1:  Average per farmdollars	66 472	60 754	9.4
Farms by size:  1 to 9 acres  10 to 49 acres  50 to 179 acres  180 to 499 acres  500 to 999 acres  1,000 to 1,999 acres  2,000 acres or more	2 804 3 061 2 964 2 521 3 040	2 745 3 019 3 315 2 737 3 460	-37.7 2.1 1.4 -10.6 -7.9 -12.1
Total cropland	17 494 553 17 100	21 064 17 829 766 19 267	-7.7 -1.9 -11.2
acres  Irrigated land farms	8 883		-10.2 -6.7
Market value of agricultural products sold\$1,000 Average per farmdollars	1 730 237	1 996 882 1 547 286 62 980	9 11.8 20.4
Crops, including nursery and greenhouse crops \$1,000 Livestock, poultry, and their products \$1,000	691 860	639 202 908 084	8.2 14.3
Farms by value of sales: Less than \$2,500 \$2,500 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 to \$49,999 \$50,000 to \$99,999 \$100,000 to \$249,999 \$250,000 to \$49,999 \$250,000 to \$49,999 \$500,000 or more	1 764 2 131 3 413 3 051 3 528 3 511 981	2 006 2 374 3 912 3 695	-5.7 -12.1 -10.2 -12.8 -17.4 -13.2 7.9 41.8 46.4
Total farm production expenses <sup>1</sup> \$1,000 Average per farmdollars	1 399 200 61 304	1 288 299 52 449	8.6 16.9
Net cash return from agricultural sales for the farm unit (see text) 1	333 711	24 565 260 131 10 590	-7.1 28.3 38.1
Operators by principal occupation: FarmingOther		17 405 7 163	-8.C -4.9
Operators by days worked off farm: Any	9 838 5 261	10 764 5 607	-8.6 -6.2
Livestock and poultry: Cattle and calves inventory	13 813	14 866	<b>-7.1</b>
number   farms   Milk cows	12 366 1 506 445 1 092	1 732	2.1 -5.4 7.6 -37.0 -16.6
Cattle and calves soldfarms number	1 677 932	14 718 1 644 768	-7.4 2.0
Hogs and pigs inventory	222 966 1 030 363 440 2 507 634 361 138 634 955 47	200 663 1 343 327 855 2 625 588 150 2 102 978 754	-24.9 11.1 -23.3 10.9 -4.5 7.9 -45.9 -35.1 -53.0 -43.9
Selected crops harvested:  Corn for silage or green chop		641 46 581	-23.7 -9.1
tons, green Wheat for grain	761 758 8 395 4 885 520 142 893 032 5 971	793 716 10 375 4 703 455 143 802 744 9 621	-4.0 -19.1 3.9 6 -37.9
acres bushels Oats for grain	47 381 536 1 590 82 492	79 606 320 2 345 132 308	-38.5 -40.5 -32.2 -37.7
Sugar beets for sugarbushels acres tons	4 485 707 476 56 994	6 356 871 429 48 403	-29.4 11.0 17.7 21.3
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	12 058 1 983 629	13 701	-12.0 -7.1 -4.9

<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]

abbreviations and symbols, see introductory text]			
		All farms	
Item	1992	1987	Percent change from 1987 to 1992
Farmsnumbe	r 22 821	24 568	-7.1
Land in farmshectares Average size of farmhectares	24 137 334	24 364 556 992	9 6.7
Estimated market value of land and buildings 1:  Average per farmdollars  Average per hectaredollars	594 881 227	505 526 205	17.7 10.7
Estimated market value of all machinery and equipment <sup>1</sup> : Average per farmdollars	66 472	60 754	9.4
Farms by size: .01 to 3.84 hectares	1 209	1 940	-37.7
3.85 to 20.04 hectares	2 804	2 745 3 019	2.1 1.4
72.68 to 202.22 hectares		3 315 2 737	-10.6 -7.9
404.66 to 809.51 hectares	3 040	3 460 7 352	-12.1 -1.8
Total cropland farm:		21 064	-7.7
hectare: Harvested cropland farms	7 080 046 17 100	7 215 706 19 267	-1.9 -11.2
hectare	3 318 255	3 694 107	-10.2
Irrigated land farm: hectare:	8 883 800 564	9 520 808 138	-6.7 9
Market value of agricultural products sold\$1,000 Average per farmdollars	1 730 237 75 818	1 547 286 62 980	11.8 20.4
Crops, including nursery and greenhouse crops\$1,000		639 202	8.2
Livestock, poultry, and their products\$1,000	1 038 377	908 084	14.3
Farms by value of sales: Less than \$2,500		4 320	-5.7
\$2,500 to \$4,999	2 131	2 006 2 374	-12.1 -10.2
\$10,000 to \$24,999\$25,000 to \$49,999		3 912 3 695	-12.8 -17.4
\$50,000 to \$99,999 \$100,000 to \$249,999		4 064 3 253	-13.2 7.9
\$250,000 to \$499,999 \$500,000 or more	981	692 252	41.8 46.4
Total farm production expenses <sup>1</sup> \$1,000	1 399 200	1 288 299	8.6
Average per farmdollars  Net cash return from agricultural sales for the farm unit (see text) 1 farm.		52 449 24 565	16.9 -7.1
\$1,000 Average per farmdollars	333 711	260 131 10 590	28.3 38.1
Operators by principal occupation: FarmingOther		17 405 7 163	-8.0 -4.9
Operators by days worked off farm:			
Any	9 838 5 261	10 764 5 607	-8.6 -6.2
Livestock and poultry:	42.042	44.000	7.4
Cattle and calves inventory	r 2 645 916	14 866 2 591 391 13 073	-7.1 2.1 -5.4
numbe Milk cows		1 399 949	7.6 -37.0
numbe		26 879	-16.6
Cattle and calves soldfarms numbe		14 718 1 644 768	-7.4 2.0
Hogs and pigs inventoryfarms numbe	1 056 f 222 966	1 406 200 663	-24.9 11.1
Hogs and pigs soldfarms numbe	1 030 f 363 440	1 343 327 855	-23.3 10.9
Sheep and lambs inventoryfarms numbe	2 507	2 625 588 150	-4.5 7.9
Chickens 3 months old or older inventory	1 138	2 102 978 754	-45.9 -35.1
Broilers and other meat-type chickens soldfarms numbe	47	100 84 676	-53.0 -43.9
Selected crops harvested:  Com for silage or green chop	489	641	-23.7
hectare: metric tons	17 134	18 851 720 047	-9.1 -4.0
Wheat for grain farms hectare:	8 395 1 977 170	10 375 1 903 488	-19.1 3.9
metric tons Barley for grain farms	3 888 912 5 971	3 913 671 9 621	6 -37.9
hectare: metric tons	472 958 1 031 612	769 041 1 733 224	-38.5 -40.5
Oats for grain	1 590	2 345 53 545	-32.2 -37.7
Sugar beets for sugar farms	65 110	92 270 429	-29.4 11.0
hectare: metric tons	23 065	19 589 953 699	17.7 21.3
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farm:	12 058	13 701	-12.0
hectare: metric tons		864 212 3 500 236	-7.1 -4.9
	L	II.	1

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