

Volume 1

State and County Data

Part 26

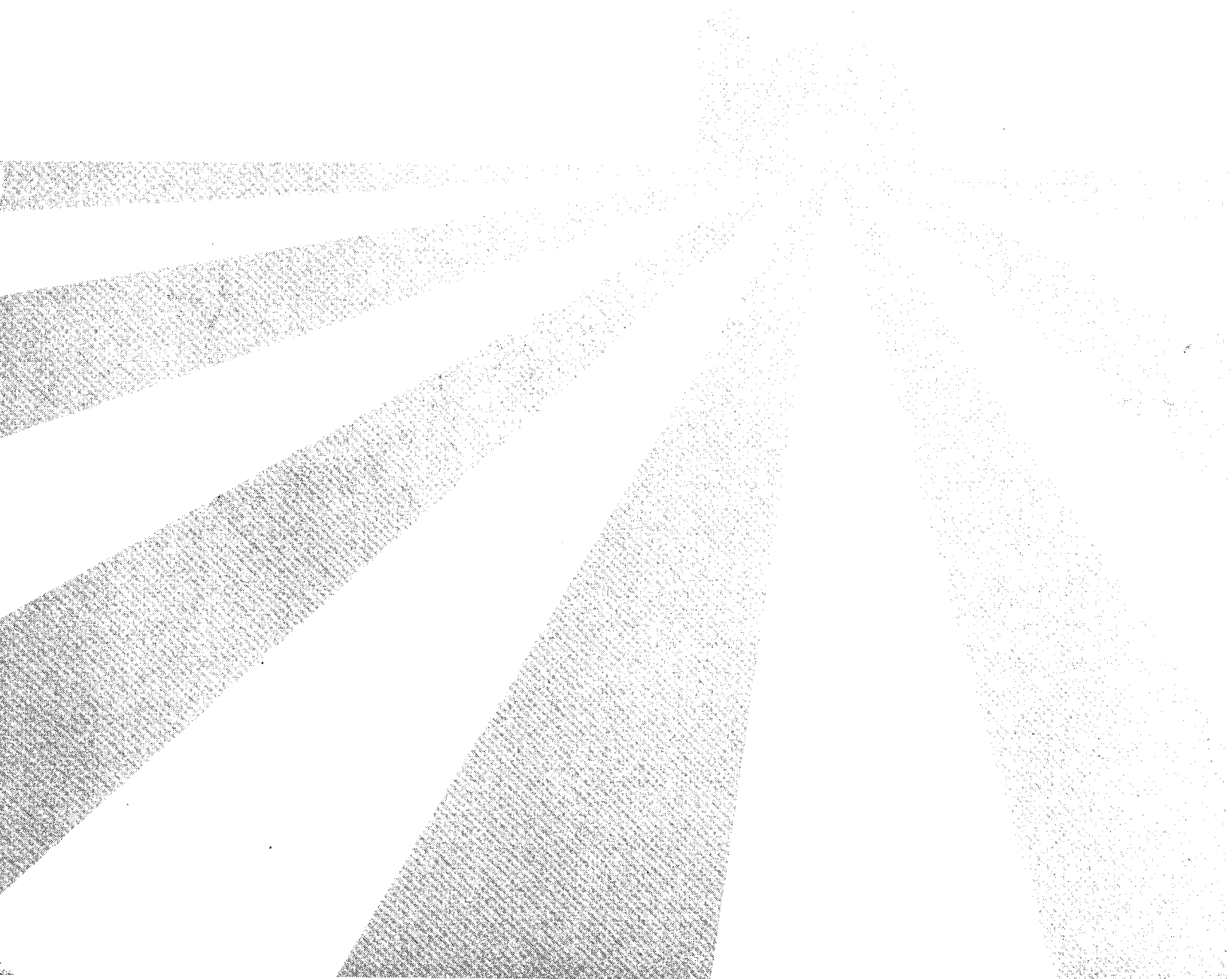
Montana

AC78-A-26

1978

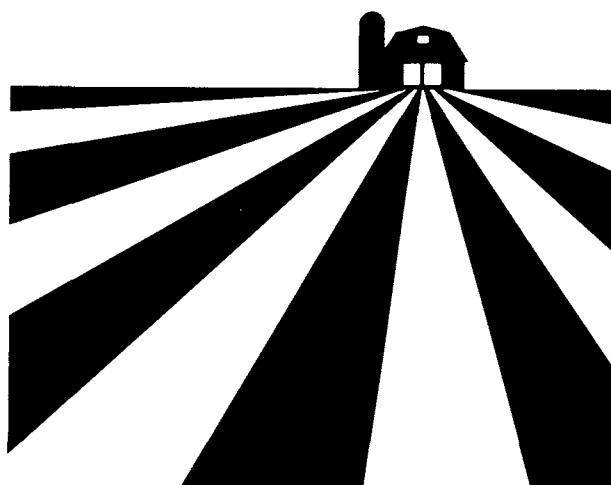
CENSUS OF
AGRICULTURE

U.S. Department of Commerce
BUREAU OF THE CENSUS



1978
CENSUS OF
AGRICULTURE

Volume 1
State and County Data



Part 26
Montana

AC78-A-26

Issued June 1981



U.S. Department of Commerce
Malcolm Baldrige, Secretary
Joseph R. Wright, Jr.,
Deputy Secretary
William A. Cox,
Acting Chief Economist

BUREAU OF THE CENSUS
Daniel B. Levine,
Acting Director



BUREAU OF THE CENSUS
Daniel B. Levine, Acting Director
Economic Fields
Richard B. Quanrud, Assistant Director for
Economic and Agriculture Censuses

AGRICULTURE DIVISION
Arnold L. Bollenbacher, Chief

ACKNOWLEDGMENTS—Many persons participated in the various activities of the 1978 Census of Agriculture. Primary direction was by **Shirley Kallek**, Associate Director for Economic Fields, and **Richard B. Quanrud**, 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) and **Arnold L. Bollenbacher**, his successor. **Arnold L. Bollenbacher**, assisted by **Thomas D. Monroe**, **Donald R. Jahnke**, and **John A. Blackledge**, was directly responsible for data content of the tables, analysis of the data, and clerical and computer edit, and tabulation specifications. **William A. Harlan**, **Arlon M. Scott**, and **James C. Vogelsang**, directed the resolution of problems with individual census reports.

John E. Adkins, assisted by **Stephen M. Schobel**, **Loyd C. Brown**, **Billy E. Stark**, **Lowell Wrucke**, **Sharon C. Spivey**, **Martin S. Harahush**, **Ralph A. Graham**, **Avon B. Floyd**, **Kent C. Hoover**, and **Lee Smallwood**, was directly responsible for the systems and processing procedures, including preparation of control systems, clerical procedures, and computer programs. **Dana E. Moore** and **Jay A. Johnson** were responsible for the photocomposition system. **Bobbie E. Catlin** and **Paulette M. Bonchak** were directly responsible for table preparation and publication standards used. **Mittie Buchanan**, Industry Division (to May 1980), and **Helen R. Pugh**, her successor, were responsible for coding the Linotron table formats for publication. **Carl N. McAllister** coordinated the final preparation of the tables. **Virginia Crockett**, **Regina E. Lindsey**, and **Karin G. Bauer** provided editorial services.

Charles E. Rogers, assisted by **D. Dean Prochaska**, and **David D. Chapman**, with the additional assistance of **Jane Y. Dea** and **Tommy W. Gaulden**, was directly responsible for mailing list acquisition and unduplication, design of sampling procedures for the direct enumeration sample and the sample from the mail list, sampling variability estimates, statistical adjustment for nonresponse, monitoring of processing, and evaluation of coverage. **Albert W. Graybill** was responsible for the preparation of the operational procedures for the collection and processing of the direct enumeration sample data.

George E. Pierce, assisted by **Patricia A. Clark** and **Richard R. Storm**, was directly responsible for overall census planning, the Farm and Ranch Identification Survey, and development of the data collection forms and followup letters. **J. Thomas Miller**, Consultant, assisted in the design and content of the data collection forms and followup letters, specifications for publication tables, and preparation of text.

Don L. Adams, Chief, Data Preparation Division, Jeffersonville, Ind., assisted by **Patricia M. Clark**, **Rebecca Lamon**, **George Wilson**, **William L. Pangburn**, **Les Brown**, **Darrell L. Farabee**, and **Keith Lacey**, was directly responsible for clerical and data-keying operations, and labeling, sorting, and distribution of the mail and direct enumeration census forms.

The direct enumeration activities were administered by the Field Division, under **Forrest P. Cawley**, Chief, with the assistance of **Darren F.**

Althouse and **Thomas J. Manning** and the 12 directors of the Bureau's Regional Offices.

The computer processing facilities used were under the general supervision of **C. Thomas DiNenna**, Chief, Computer Operations Division.

Forms design was performed under the general supervision of **Henry J. Husmann**, Chief, Administrative Services Division, assisted by **Albert W. Cosner**, **Cathern S. Kline**, and **Irene A. Grey**.

Within the Publications Services Division, many individuals made significant contributions in the areas of publication planning and design, editorial review, composition, and printing procurement.

Important contributions were made by the members of the Census Advisory Committee on Agriculture Statistics in establishing data needs and priorities for collection and publication of the information. Other representatives of both public and private organizations also made significant recommendations and suggestions.

Members of various agencies of the U.S. Department of Agriculture provided advice and counsel during the planning, data collecting, and processing phases of the census and assisted farmers and ranchers who requested help in completing the report form.

The press, farm magazines, and radio and television stations were most helpful in publicizing the census and encouraging cooperation of farm and ranch operators. **John W. Ternus** and **Douglas J. Miller**, Agriculture Division, and **Richard D. Ritter**, Public Information Office, were primarily responsible for developing and coordinating the public relations program.

Special tribute is paid to the millions of farm and ranch operators and other agriculture-associated people who furnished the information requested in the census. Only through their cooperation was it possible to collect and publish the data in this report.

Library of Congress Cataloging in Publication Data

United States. Bureau of the Census.
1978 census of agriculture.

Supt. of Docs. no.: L 3.31/
CONTENTS: v. 1. State and county data.—v. 2. Statistics by subject.—v. 3. Agricultural services. [etc.]

1. Agriculture—United States—Statistics. I. Title. II. Title: Census of agriculture.

HD1753 1978.B87 7 1980 338.1'0973

79-600215

For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by draft on a U.S. bank.

CONTENTS

	Page
Introduction	VII
Highlights of the State's Agriculture: 1978 and 1974	IX
State Map	X

CHARTS

1. Changes in State's Agriculture: 1978 From 1974	XI
2. Profile of State's Agriculture, 1978.	XII
3. Land in Farms by Type of Organization: 1978	XIII
4. Farms by Value of Sales: 1978.	XIV
5. Value of Products Sold by Size of Sales: 1978	XIV

PATTERN MAPS

1. Land in Farms by County: 1978	XV
2. Average Size of Farm by County: 1978	XV
3. Value of Land and Buildings by County: 1978	XVI
4. Value of Agricultural Products Sold by County: 1978	XVI
5. Cattle and Calves Inventory by County: 1978	XVII
6. Sheep and Lambs Inventory by County: 1978	XVII
7. Wheat Harvested for Grain by County: 1978	XVIII
8. Barley Harvested for Grain by County: 1978	XVIII

TABLES

CHAPTER 1. State Data

1. Farms, Land in Farms, and Land Use: 1945 to 1978	1
2. Farms, Land in Farms, and Land Use, for Farms With Sales of \$2,500 or More: 1978, 1974, and 1969	1
3. Farms, Land in Farms, and Land Use, by Size of Farm: 1978 and 1974	2
4. Operators—Tenure, Type of Organization, and Characteristics: 1978, 1974, and 1969	2
5. Operators by Type of Organization for Farms With Sales of \$2,500 or More: 1978, 1974, and 1969	3
6. Selected Farm Production Expenses: 1978, 1974, and 1969	4
7. Expenses for Energy and Petroleum Products: 1978, 1974, and 1969	5
8. Fuel Expenses, Quantity Purchased, and Storage Capacity: 1978	5
9. Farm Payroll, Employment, and Contract Expenses: 1978, 1974, and 1969	5
10. Market Value of Agricultural Products Sold: 1978, 1974, and 1969	6
11. Value of Agricultural Products Sold Directly to Consumers for Human Consumption: 1978	6
12. Income From Machine Work, Customwork, and Other Agricultural Services: 1978, 1974, and 1969	7
13. Selected Characteristics of Farms by Standard Industrial Classification of Farms: 1978	7
14. Machinery and Equipment on Place: 1978 and 1974	8
15. Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974	8
16. Irrigation: 1978, 1974, and 1969	9
17. Selected Characteristics of Irrigated and Nonirrigated Farms: 1978	9
18. Livestock and Poultry—Inventory and Sales: 1978, 1974, and 1969	10
19. Poultry—Inventory and Sales: 1978 and 1974	10
20. Cattle and Calves—Inventory and Sales: 1978 and 1974	12
21. Hogs and Pigs—Inventory and Sales: 1978 and 1974	14
22. Sheep and Lambs—Inventory and Sales: 1978 and 1974	15

TABLES—Con.	Page
CHAPTER 1—Con.	
23. Other Livestock and Livestock Products—Inventory and Sales: 1978 and 1974	16
24. Fish Sales: 1978	16
25. Crops Harvested: 1978 and 1974	17
26. Specified Crops Harvested—Yield Per Acre Irrigated and Nonirrigated: 1978.	18
27. Crops Harvested and Value of Production: 1978 and 1974	18
28. Crops by Acres Harvested: 1978.	19
29. Summary by Tenure of Operator: 1978.	22
30. Summary by Type of Organization: 1978	30
31. Summary by Age and Principal Occupation of Operator: 1978.	38
32. Summary by Age and Principal Occupation of Operators for Farms With Sales of Less Than \$20,000: 1978	54
33. Summary by Size of Farm: 1978	70
34. Summary by Value of Agricultural Products Sold: 1978	86
35. Summary by Standard Industrial Classification of Farm: 1978.	102
 CHAPTER 2. County Summary Data	
1. Number, Land, and Value of Farms: 1978 and 1974	118
2. Land Use: 1978	119
3. Irrigation: 1978	121
4. Farms by Tenure of Operator: 1978	121
5. Farms and Land in Farms by Type of Organization: 1978.	122
6. Characteristics of Operators: 1978	123
7. Farms by Value of Sales and Occupation: 1978.	124
8. Farms by Standard Industrial Classification: 1978	124
9. Farms by Market Value of Agricultural Products Sold: 1978	126
10. Market Value of Agricultural Products Sold for All Farms: 1978	127
11. Market Value of Agricultural Products Sold for Farms With Sales of \$2,500 or More: 1978. . .	127
12. Selected Farm Production Expenses: 1978.	128
13. Energy Expenses and Fuel Storage Capacity for Farm Business: 1978	130
14. Hired Farm Labor—Expenses and Number of Workers: 1978	132
15. Estimated Market Value of All Machinery and Equipment: 1978	133
16. Cattle and Calves—Inventory and Sales: 1978	133
17. Hogs and Pigs—Inventory and Sales: 1978	141
18. Poultry—Inventory and Sales: 1978	143
19. Broilers Sold by Number Per Farm: 1978.	145
20. Sheep and Lambs—Inventory and Sales: 1978.	145
21. Milk Goats—Inventory and Sales: 1978	146
22. Angora Goats—Inventory and Sales: 1978	Not shown
23. Mink and Their Pelts—Inventory and Sales: 1978.	147
24. Colonies of Bees and Honey—Inventory and Sales: 1978.	147
25. Fish Sales: 1978	147
26. Miscellaneous Poultry—Inventory and Sales: 1978	148
27. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1978.	150
28. Grains—Corn, Sorghums, Wheat, and Other Small Grains: 1978	151
29. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1978 . .	153
30. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1978	153
31. Vegetables, Sweet Corn, and Melons, Harvested for Sale: 1978.	156
32. Fruits and Nuts: 1978	157
33. Berries: 1978	158
34. Nursery and Greenhouse Products, Mushrooms, and Sod: 1978	158
35. Other Crops: 1978.	158
36. Operator Response to Land Held Under Foreign Ownership: 1978	159
37. Income From Machine Work, Customwork and Other Agricultural Services: 1978	159

TABLES—Con.

CHAPTER 2—Con.

38. Value of Agricultural Products Sold Directly to Consumers for Human Consumption: 1978 . . .	160
39. Farms Operated by Black and Other Races: 1978	160
40. Farms Operated by Black and Other Races by Tenure: 1978	161
41. Operators by Selected Racial Groups: 1978	161
42. Operators of Spanish Origin: 1978	161
43. Female Operators: 1978	162

CHAPTER 3. Individual County Data [The following tables are common to the State and each county]

1. Farms, Land in Farms, and Land Use: 1978 and 1974			
2. Market Value of Agricultural Products Sold: 1978 and 1974			
3. Farms, Land in Farms, Land Use, and Irrigation, by Size of Farm: 1978 and 1974			
4. Operators—Tenure, Type of Organization, and Characteristics: 1978 and 1974			
5. Selected Farm Production Expenses: 1978 and 1974			
6. Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974			
7. Machinery and Equipment on Place: 1978 and 1974			
8. Hired Farm Workers: 1978 and 1974			
9. Livestock and Poultry—Inventory and Sales: 1978 and 1974			
10. Crops: 1978 and 1974			
Montana	163	McCone	308
Farms Not on Mail List	168	Madison	313
Beaverhead	173	Meagher	318
Big Horn	178	Mineral	323
Blaine	183	Missoula	328
Broadwater	188	Musselshell	333
Carbon	193	Park	338
Carter	198	Petroleum	343
Cascade	203	Phillips	348
Chouteau	208	Pondera	353
Custer	213	Powder River	358
Daniels	218	Powell	363
Dawson	223	Prairie	368
Deer Lodge	228	Ravalli	373
Fallon	233	Richland	378
Fergus	238	Roosevelt	383
Flathead	243	Rosebud	388
Gallatin	248	Sanders	393
Garfield	253	Sheridan	398
Glacier	258	Silver Bow	403
Golden Valley	263	Stillwater	408
Granite	268	Sweet Grass	413
Hill	273	Teton	418
Jefferson	278	Toole	423
Judith Basin	283	Treasure	428
Lake	288	Valley	433
Lewis and Clark	293	Wheatland	438
Liberty	298	Wibaux	443
Lincoln	303	Yellowstone	448

APPENDIXES

A. General Explanation	A-1
B. Farms by Current and Prior Definitions and Value of Agricultural Products Sold: 1978 and 1974	B-1
C. Comparison of 1974 Farm Counts With 1978 Farm Counts.	C-1
D. Report Forms.	D-1

Index	Index-1
Publication Program.	Inside back cover

INTRODUCTION

	Page
HISTORY	VII
AUTHORITY AND AREA COVERED	VII
FARM DEFINITION	VII
METHOD OF ENUMERATION	VII
COMPARABILITY OF DATA	VII
USE OF SAMPLING	VIII
GRAPHICS	VIII
TABULAR PRESENTATION	VIII
PRELIMINARY REPORTS	VIII
CENSUS DISCLOSURE RULES	VIII
DEFINITIONS AND EXPLANATIONS	VIII
"SEE TEXT" REFERENCE	VIII
ABBREVIATIONS AND SYMBOLS	VIII

HISTORY

The census of agriculture provides a periodic statistical picture of the Nation's farming, ranching, and related activities. The 1978 Census of Agriculture is the 21st 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. From 1840 to 1950, an agriculture census was taken as part of the decennial census of population. A 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. Thereafter, the agriculture census will revert to a 5-year cycle.

AUTHORITY AND AREA COVERED

The census of agriculture is authorized under the provisions of title 13, United States Code. Section 142(a) provides for the census to be taken in 1979, in 1983, and in every fifth year after 1983. Section 191 provides that the census shall include each State, the District of Columbia, Puerto Rico, Guam, and the Virgin Islands. A census of agriculture will be conducted in American Samoa and the Northern Mariana Islands in conjunction with the 1980 Census of Population and Housing.

FARM DEFINITION

Since 1850, when minimum criteria defining a farm for census purposes were first established, the farm definition has been changed nine times, as the Nation has grown and changed. The current definition was announced on August 12, 1975, in accordance with a joint agreement between the U.S. Department of Agriculture, the Office of Management and Budget, and the Bureau of the Census. It defines a farm, for statistical purposes, as any place from which \$1,000 or more of agri-

cultural 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 county reports) counted as a farm 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.

METHOD OF ENUMERATION

Evaluation studies of the 1969 and 1974 censuses, which were conducted primarily by mail, indicated that the administrative lists used to create the census mailing list were not adequate to assure complete coverage in the census. Also, censuses prior to 1969, conducted by direct enumeration, had been found by evaluation studies (conducted since 1950) to be progressively less and less complete, as increased mobility of farm operators led to increases in the numbers of nonresident operators, operators farming on a part-time basis, and operators farming two or more separate tracts.

The 1978 Census of Agriculture was conducted primarily by mail for maximum economy, supplemented by a personal canvass of a statistical area segment sample for maximum completeness of coverage. The area segment sample, which consists of selected geographic areas completely canvassed by direct enumeration, provides reliable estimates for States of the number and characteristics of any farms not represented in the mail portion of the census. Estimates for such farms are an integral part of the State totals published for the 1978 census. The direct enumeration sample estimates are statistically reliable only for State totals and have not been allocated to counties. Appendix A provides a more detailed description of how the 1978 census was taken and includes a discussion of census coverage.

COMPARABILITY OF DATA

State totals for 1978 are not directly comparable with totals for 1974 or earlier censuses as they include data for farm operations represented on the mail list plus estimates from the direct enumeration sample for farms not represented on the mail list. The 1974 State level data include only operations represented on the mail list.

Coverage evaluation studies for the 1974 census indicated that 10.7 percent of all farms were not included in the census. Farms missed in the census were usually small and accounted for less than 3 percent of the total value of agricultural products sold and less than 6 percent of the land in farms. The proportion of farms missed in the 1974 census was generally higher in

States having a large proportion of small farms and urbanized areas having a sizable number of part-time farms. Farm counts for 1974, adjusted for the net undercount, are shown in appendix C.

County level data on acreages and inventories for 1978 and 1974 are generally comparable; however, improvements in the coverage of the 1978 census, especially of smaller farms, should be taken into consideration when comparing farm counts.

USE OF SAMPLING

Two types of sampling were used for data collection for the 1978 census. In addition to the State estimates from the direct enumeration sample discussed previously, data for items in sections 22 through 27 of the census report form were collected from only a sample of farms. Data based on a sample are subject to sampling error. Detailed discussions of the census report forms, the use of sampling, and estimates of sampling error are included in appendix A.

GRAPHICS

Several charts and maps presented on the following pages show selected agricultural statistics for this State. The items in the charts and the first four maps are presented for all States. The last four maps present data of particular importance to this State.

TABULAR PRESENTATION

State data—In chapter 1, State tables 1 through 28 show detailed State level data usually accompanied by historical data for one or more censuses. Tables 29 through 35 provide 1978 State data cross-tabulated by various farm classifications.

County summary data—Selected data items are presented by county in chapter 2. Tables 1 through 15 include general data such as land in farms, size of farms, land use, operator characteristics, expenses, and machinery and equipment. Inventory and sales data for livestock, poultry, and animal specialties are contained in tables 16 through 27 and detailed crop data in tables 28 through 35. Tables 36 through 43 present data on foreign ownership, income from customwork, direct sales to consumers, operators by racial group, and female operators.

Individual county data—Five pages of tables are presented in chapter 3 for each county with 10 farms or more in 1978. The tables include final data for each county and are more comprehensive than those in the preliminary reports. Data are provided for all farms and for farms with sales of \$2,500 or more for both 1978 and 1974.

This chapter also includes a set of similar tables for the State as a whole and for those farms in the State not on the mailing list and not included in county tables.

PRELIMINARY REPORTS

Preliminary reports have been published separately for all counties in the United States with 10 farms or more in 1978, each State, the four geographic regions, and the United States. This series provided, at the earliest possible date, information on major data items, with comparable final data from the 1974 census. The data items were standard for each State and county except in table 3 where the selected crops varied by State according to their relative importance in the State. The State preliminary report also included a full set of tables providing data derived from the direct enumeration sample on the estimated number and characteristics of farms not included in county totals because they were not represented on the mailing list.

For major data items at the county level differences between the preliminary and final figures are in general less than 5 percent. At the State level, differences are significantly less.

CENSUS DISCLOSURE RULES

In keeping with the provisions of title 13, United States Code, data that would disclose the operations of an individual farm are not published. However, the number of farms in a given size category or other classification is not considered a disclosure. Appendix A presents additional information on disclosure rules.

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.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

- Zero.
- (D) Data withheld to avoid disclosing information for individual farms.
- (X) Not applicable.
- (Z) Less than half of the unit reported.
- (NA) Not available.
- * Independent city.

Highlights of the State's Agriculture: 1978 and 1974

	All farms				Farms with sales of \$2,500 or more			
	1978		1974 ¹		1978		1974 ¹	
	Total	Not on mail list	Total		Total	Not on mail list	Total	
Farms..... number.....	24 469	904	23 324		20 956	346	20 177	
Land in farms..... acres.....	62 269 824	578 905	62 158 351		56 489 150	514 027	56 731 193	
Average size of farm..... acres.....	2 545	640	2 665		2 696	1 486	2 812	
Harvested cropland..... acres.....	8 802 485	61 442	8 426 881		8 717 801	47 780	8 375 116	
Average per farm..... acres.....	360	68	361		416	138	415	
Farms by size:								
1 to 49 acres..... number.....	3 507	363	2 727		1 765	85	1 125	
50 to 499 acres..... number.....	6 731	324	6 143		5 305	66	4 860	
500 to 999 acres..... number.....	2 950	22	2 990		2 813	-	2 879	
1,000 acres or more..... number.....	11 281	195	11 464		11 073	195	11 313	
Value of land and buildings: ²								
Average per farm..... dollars.....	501 192	198 814	298 070		538 873	295 315	318 305	
Average per acre..... dollars.....	196	310	112		200	199	113	
Value of machinery and equipment on farms: ²								
Average per farm..... \$1,000.....	1 262 310	16 578	752 934		1 225 989	12 293	721 833	
Average per farm..... dollars.....	51 588	18 339	32 282		58 503	35 529	35 775	
Value of agricultural products sold..... \$1,000.....	1 184 597	7 144	1 033 239		1 176 787	6 550	1 027 135	
Average per farm..... dollars.....	48 412	7 902	44 299		56 155	18 932	50 906	
Crops sold..... \$1,000.....	490 292	1 806	549 876		487 838	1 522	548 525	
Average per farm..... dollars.....	20 037	1 998	23 576		23 279	4 400	27 186	
Livestock and livestock products sold..... \$1,000.....	685 991	5 331	471 477		680 691	5 028	466 822	
Average per farm..... dollars.....	28 035	5 897	20 214		32 482	14 532	23 136	
Poultry and poultry products sold..... \$1,000.....	8 314	6	8 800		8 258	-	8 729	
Average per farm..... dollars.....	340	7	377		394	-	433	
Farms by value of agricultural products sold:								
Less than \$2,500..... number.....	3 400	558	3 340		-	-	295	
\$2,500 to \$9,999..... number.....	4 639	110	4 175		4 639	110	4 175	
\$10,000 to \$39,999..... number.....	7 893	195	8 207		7 893	195	8 207	
\$40,000 to \$99,999..... number.....	5 697	41	5 358		5 697	41	5 358	
\$100,000 to \$199,999..... number.....	1 941	-	1 540		1 941	-	1 540	
\$200,000 or more..... number.....	786	-	602		786	-	602	
Abnormal farms..... number.....	113	(X)	102		(X)	(X)	(X)	
Value of agricultural products sold by farms having sales of -								
Less than \$2,500..... \$1,000.....	4 113	593	3 971		-	-	368	
\$2,500 to \$9,999..... \$1,000.....	26 373	717	24 455		26 373	717	24 455	
\$10,000 to \$39,999..... \$1,000.....	179 790	3 697	186 232		179 790	3 697	186 232	
\$40,000 to \$99,999..... \$1,000.....	357 764	2 136	331 851		357 764	2 136	331 851	
\$100,000 to \$199,999..... \$1,000.....	264 320	-	206 780		264 320	-	206 780	
\$200,000 or more..... \$1,000.....	348 539	-	277 448		348 539	-	277 448	
Abnormal farms..... \$1,000.....	3 698	(X)	2 502		(X)	(X)	(X)	
Farm production expenses for selected items: ²								
Feed for livestock and poultry..... \$1,000.....	110 641	1 913	123 454		108 779	1 708	120 984	
Seeds, bulbs, plants, and trees..... \$1,000.....	12 852	225	10 400		12 741	208	10 294	
Commercial fertilizer..... \$1,000.....	65 238	287	39 053		64 701	246	38 685	
Other agricultural chemicals..... \$1,000.....	28 015	69	12 523		27 752	69	12 476	
Petroleum products—gasoline, diesel, etc..... \$1,000.....	77 736	703	53 253		76 586	598	52 478	
Hired farm labor..... \$1,000.....	70 989	105	47 288		69 877	70	46 591	
Livestock and poultry inventory:								
Cattle and calves..... number.....	2 820 065	33 236	3 211 584		2 785 727	29 816	3 160 549	
Hogs and pigs..... number.....	214 346	2 996	212 456		207 718	1 914	205 771	
Sheep and lambs..... number.....	526 671	3 940	630 877		518 744	2 530	616 256	
Chickens 3 months old or older..... number.....	890 724	3 911	980 156		873 267	220	958 974	
Crops harvested:								
Corn for all purposes..... acres.....	98 381	4 290	87 670		97 829	4 290	86 807	
Wheat for grain..... acres.....	4 807 895	8 100	4 729 604		4 792 904	8 100	4 724 346	
Barley for grain..... acres.....	134 505 058	297 500	109 127 964		134 116 530	297 500	109 005 222	
Hay crops..... acres.....	1 268 756	5 413	(NA)		1 261 917	5 390	1 173 848	
Hay crops..... tons, dry.....	52 454 469	225 870	(NA)		52 200 161	224 950	34 992 654	
Hay crops..... tons, dry.....	2 366 208	42 098	2 158 312		2 306 442	29 120	2 118 640	
Hay crops..... tons, dry.....	4 389 196	69 949	3 658 936		4 315 323	59 810	3 602 733	

¹Not fully comparable because of direct enumeration sample in 1978 totals; see text.
²1978 data are based on a sample of farms; see text.

MONTANA



SCALE
0 10 20 30 40 50 MILES

U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS