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REPORTS OF 1974 CENSUS OF AGRICULTURE
Preliminary Reports. Four pages of data published separately for each county having 10 farms or more, and for each State, the four geographic regions, and the United States. The statistics printed in these reports are superseded by those in the final reports, Volumes I through IV.

Volume I. State and County Data. One for each State, Puerto Rico, Guam, and the Virgin Islands, covering the area and its subdivisions. The reports for the States contain data for all farms and farms with sales of $2,500 and over. Chapter I contains detailed data at the State level classified by size of farm, tenure and age of farm operator, type of organization, value of products sold, and major type of farm; Chapter II, county data summarized by subject; Chapter III, county data by subject for miscellaneous crop and livestock items found in relatively few counties; Chapter IV, county data by county.

Volume II. Statistics by Subject. Chapters containing total data for the United States, geographic regions and divisions, and States, for all farms and farms with sales of $2,500 and over.

Volume III. Agricultural Services. Data by county for each State covering establishments whose primary activities are providing agricultural services. Data at the U.S., State, and county levels for all establishments are presented for selected four-digit standard industrial classification codes by size and type of organization. Data shown include dollar volume of business, gross receipts from products provided, gross receipts, labor and payroll by type of service performed, capital expenditures, and expenditures for electricity, gasoline, petroleum, and other fuels.

Volume IV. Special Reports. Part 1. Graphic Summary. Profiles the Nation's agricultural system in a series of U.S. maps, a number of which are printed in color. The characteristics of America's farms in 1974 are illustrated for crops, livestock, and many other characteristics.

Part 2. Ranking Counties and States. Reports on the top ranking 100 counties and 10 States in descending order of importance for 88 selected items for 1974 with comparative data for 1969.

Part 3. Coverage Evaluation. Shows the completeness of the agriculture census for States, geographic divisions, and the United States. Data also show the characteristics of farms missed by value of sales and by selected standard industrial (type-of-farm) classifications. Sampling reliability of the estimate of coverage is shown by value of sales classifications.

Part 4. Procedural History. A comprehensive summary of the procedures used in conducting the 1974 Census of Agriculture in the 50 States, Puerto Rico, Guam, and the Virgin Islands. The history explains the procedures used from early planning and testing through tabulation and publication of the final reports.
CONTENTS

Introduction ........................................................................................................... IX
Table—Farms and Value of Products Sold by 1974 and 1959 Definitions, With
Comparable Data for Agricultural Operations Excluded by 1974 Definition: 1974
and 1969 .................................................................................................................. XII
Highlights of the State’s Agriculture: 1974 and 1969 ........................................... XIII
Chart 1—Changes in the State’s Agriculture: 1974 from 1969 .............................. XIV
Chart 2—Profile of the State’s Agriculture: 1974 ................................................ XV
Map—Number of Farms: 1974 ............................................................................ XVIII
Map—Land in Farms: 1974 .................................................................................. XVIII
Map—Value of Crops Sold: 1974 ........................................................................ XVIII
Map—Value of Livestock, Poultry, and Their Products Sold: 1974 .................. XVIII
Map—Cattle and Calves: 1974 ........................................................................... XIX
Map—Value of Dairy Products Sold: 1974 ......................................................... XIX
Map—Value of Poultry and Poultry Products Sold: 1974 ............................... XIX
Map—Wheat Harvested: 1974 ........................................................................... XIX
State Map .............................................................................................................. XX

CHAPTER I. State Data

All Farms

TABLE 1. Farms, Land in Farms, and Land Use: 1940 to 1974 ......................... I-1
2. Farms, Land in Farms, and Land Use, by Size of Farm: 1974, 1969, and 1964 .... I-1

Farms With Sales of $2,500 and Over

CONTENTS Continued

Farms With Sales of $2,500 and Over Continued

TABLE 16. Income From Sources Other Than Sale of Agricultural Products: 1974 and 1969
TABLE 20. Poultry—Inventory and Sales: 1974
TABLE 22. Hogs and Pigs—Inventory and Sales: 1974 and 1969
TABLE 23. Sheep and Lambs—Inventory and Sales: 1974 and 1969
TABLE 24. Other Livestock and Livestock Products—Inventory and Sales: 1974 and 1969
TABLE 26. Value of Agricultural Products Sold by Commodity Group and Total Value of Sales: 1974
TABLE 27. Contracts: 1974
TABLE 28. Summary by Tenure of Farm Operator and Type of Organization: 1974
TABLE 29. Summary by Age and Principal Occupation of Farm Operator: 1974
TABLE 30. Summary by Size of Farm: 1974
TABLE 31. Summary by Value of Agricultural Products Sold: 1974
TABLE 32. Summary by Standard Industrial Classification of Farms: 1974
TABLE 33. Summary by Standard Industrial Classification of Farms by Value of Sales: 1974

CHAPTER II. County Summary Data

TABLE 1. Number, Land, and Value of Farms: 1974 and 1969
TABLE 2. Land Use: 1974
TABLE 3. Irrigation: 1974
TABLE 4. Tenure of Farm Operators and Type of Organization of Farms: 1974
TABLE 5. Characteristics of All Farm Operators: 1974
CONTENTS Continued

CHAPTER II. Continued

TABLE 6. Farms by Standard Industrial Classification for Farms
With Sales of $2,500 and Over: 1974..............................II-4
10. Farm Production Expenses by Item Purchased: 1974 ......II-7
11. Machinery and Equipment: 1974.............................II-8
12. Cattle and Calves—Inventory and Sales: 1974.............II-9
13. Hogs and Pigs—Inventory and Sales: 1974.................II-11
14. Sheep and Lambs—Inventory and Sales: 1974.............II-12
15. Poultry—Inventory and Sales: 1974.........................II-13
16. Horses and Ponies—Inventory and Sales: 1974.............II-15
17. Field Corn for All Purposes: 1974..........................II-16
18. Field Corn for Grain: 1974.................................II-16
19. Sorghums for All Purposes, Except Sirup: 1974...........II-16
20. Sorghums for Grain: 1974................................II-17
22. Soybeans: 1974...............................................II-18
27. Irish Potatoes: 1974......................................II-20
28. Vegetables, Sweet Corn, or Melons: 1974...............II-21
29. Berries: 1974................................................II-21
30. Land in Orchards: 1974.................................II-22
31. Farm Operator Debt for Farms With Sales of $2,500 and
Over: 1974...................................................II-22
32. Grain Storage Capacity for Farms With Sales of $2,500
and Over: 1974..........................................II-22
33. Characteristics of Farms and Specified Excluded Agricultural
Operations: 1974..........................................II-23

CHAPTER III. County Miscellaneous Data

TABLE 1. Miscellaneous Poultry: 1974.............................III-1
5. Angora Goats: 1974........................................(Not shown)
7. Fish: 1974..................................................III-2
8. Hay, Field Seeds, Other Specified Field Crops, and
Berries: 1974............................................III-3
9. Grains, Dry Beans and Peas, Sweetpotatoes, and Sugar
Crops: 1974............................................III-4
14. Farm Operators by Selected Racial and Ethnic Group:
1974..................................................III-9
CHAPTER IV.  County Data  
(The following tables are common to each county) 

<table>
<thead>
<tr>
<th>Table</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>TABLE 1. Farms, Land in Farms, and Land Use: 1974 and 1969</td>
<td>IV-1</td>
</tr>
<tr>
<td>8. Hogs, Sheep, Goats, and Horses—Inventory and Sales: 1974 and 1969</td>
<td>IV-4</td>
</tr>
<tr>
<td>9. Poultry—Inventory and Sales: 1974 and 1969</td>
<td>IV-4</td>
</tr>
<tr>
<td>13. Irrigation, Artificial Drainage, and Artificial Ponds for Farms With Sales of $2,500 and Over: 1974 and 1969</td>
<td>IV-6</td>
</tr>
<tr>
<td>14. Farm Credit for Farms With Sales of $2,500 and Over: 1974</td>
<td>IV-6</td>
</tr>
</tbody>
</table>

Utah ................. IV-1 Morgan ..................... IV-91
Beaver ................ IV-7 Piute ......................... IV-97
Box Elder ............ IV-13 Rich .......................... IV-103
Cache .................. IV-19 Salt Lake............... IV-109
Carbon ................ IV-25 San Juan................ IV-115
Daggett ............... IV-31 Sanpete................ IV-121
Davis .................. IV-37 Sevier .................. IV-127
Duchesne ............. IV-43 Summit................ IV-133
Emery .................. IV-49 Tooele................ IV-139
Garfield ............. IV-55 Uintah ................ IV-145
Grand .................. IV-61 Utah .................. IV-151
Iron .................... IV-67 Wasatch.............. IV-157
Juab .................. IV-73 Washington........ IV-163
Kane .................. IV-79 Wayne ................ IV-169
Millard ............... IV-85 Weber ................ IV-175
### APPENDIXES

A. General Explanation

- Taking the Census .......................................................... A-1
- Enumeration Method .......................................................... A-1
- Mailing List ........................................................................... A-1
- Report Forms ......................................................................... A-1
- Initial Mailing ........................................................................ A-2
- Followup Procedures ............................................................. A-2
- Major Changes in Data Collected ........................................... A-2
- Office Processing ..................................................................... A-3
- 1969 Data Corrections ............................................................ A-3
- Definitions and Explanations ................................................ A-3
- Farm Classifications ............................................................... A-9
- Unpublished Data ..................................................................... A-11
- Nonsampling Errors ............................................................... A-11
- Census Coverage ..................................................................... A-12
- Statistical Adjustments ........................................................... A-12
- Nonresponse ............................................................................ A-12
- Sampling ................................................................................... A-12
- Reliability of Adjustment for Nonresponse and Sampling ........ A-12

B. Characteristics of Agricultural Operations Qualifying as Farms by the 1959 Definition but Excluded by the 1974 Definition: 1974 and 1969 ........................................... B-1

C. Report Forms

- Regular Report Form ............................................................. C-1
- Short Report Form ................................................................... C-23

INDEX ......................................................................................... Index-1
INTRODUCTION

Authority, Area Covered, and History

The 1974 Census of Agriculture was taken in accordance with the provisions of Title 13, United States Code, reaffirmed by section 818 of the Agriculture and Consumer Protection Act of 1973 (Public Law 93-86). Sections 142(a) and 191 of Title 13 provide for a census of agriculture every 5 years in each State, the District of Columbia, Puerto Rico, Guam, and the Virgin Islands.

The 1974 census is the 20th nationwide census of agriculture and the second conducted primarily by mail. The first agricultural census data were collected in 1840 as part of the sixth decennial census. Since that time, a census of agriculture has been a part of each decennial census program, and since 1920 a national census of agriculture has been taken every 5 years.

Farm Definition

For each of the 20 censuses of agriculture except the first, taken in 1840, the agency responsible for conducting the census has established minimum criteria which define a farm for the purpose of the census. As the Nation has developed and grown, agriculture also has changed and grown, and from time to time the minimum criteria for the definition of a farm have been changed.

Prior to 1974, the eighth and most recent change in minimum criteria was for the 1959 Census of Agriculture, when the definition of a farm was based primarily on a combination of acres in the place and value of agricultural products sold.

The word "place" was defined to include all land on which agricultural operations were conducted at any time in the census year under the day-to-day control or supervision of one person or partnership. Control may have been exercised through ownership or management or through a lease, rental, or cropping arrangement.

Places of less than 10 acres in the census year were counted as farms if the estimated sales of agricultural products for the year amounted to at least $250. Places of 10 or more acres in the census year were counted as farms if the estimated sales of agricultural products for the year amounted to at least $50. Places having less than the $50 or $250 minimum estimated sales in the census year were also counted as farms if they could normally be expected to produce agricultural products in sufficient quantity to meet the requirements of the definition.

Using the 1959 definition, the 1969 census reported about 571,000 farms in the United States having sales of less than $1,000; these farms comprised 20.9 percent of all farms but contributed less than 1 percent of total sales. In 1974 there were only about 152,000 such farms, accounting for less than 6 hundredths of 1 percent of total sales. Between censuses many of these small farms had ceased operations, while many others had sales of $1,000 or more in the census year, either because of increased agricultural activity or because of increases in the per unit value of agricultural products sold.

In view of increases in price levels and other changes in the structure of agricultural operations, various individuals and organizations, including members of the Census Advisory Committee on Agriculture, Statistics, the Office of Management and Budget, and the U.S. Department of Agriculture, agreed that a change in the definition of a farm was justified.

The Department of Commerce announced on August 12, 1975, that the census definition of a farm, for purposes of publishing the 1974 census data, was any establishment which during the census year had or normally would have had sales of agricultural products of $1,000 or more.

In the next 10 months, Congress held four hearings on the appropriateness of changing the definition. During this time, Public Law 94-229, enacted March 15, 1976, included a provision requiring the statistical classification of farms in effect on January 1, 1975, to be continued in effect through June 30, 1976, and that any statistical report issued on or before June 30, 1976, should reflect such classification, but could also include additional classifications as deemed appropriate by the Secretary of Commerce.

Definition for preliminary reports. Publication of the preliminary county reports began in April 1976, and these reports for all counties and States, the four regions, and the United States were tabulated and published in accordance with the same farm definition used for the 1959, 1964, and 1969 censuses.

Definition for final reports. For all final reports, the 1974 statistics are in accordance with the 1974 definition, which differs from the earlier definition in only two respects:
INTRODUCTION Continued

1. The criterion for number of "acres in place" has been deleted.

2. The criterion for minimum value of agricultural products sold has been changed to $1,000.

Thus for 1974, a farm was defined to include all land on which agricultural operations were conducted at any time in the census year under the day-to-day control of an individual management, and from which $1,000 or more of agricultural products were sold during the census year. Control may have been exercised through ownership or management, or through a lease, rental, or cropping arrangement. Places having less than the minimum $1,000 sales in the census year were also counted as farms if they could normally be expected to produce agricultural products in sufficient quantity to meet the requirements of the definition.

Three tables in this report provide users with measures of the effect of the change in definition: The table following this introduction shows farms and agricultural operations with at least $1,000 or more of agricultural products sold under the 1959 definition, and also for those places excluded by the 1974 but not by the 1959 definition. In chapter II, table 33 presents data by county for 1974 showing comparisons between farms (1974 definition) and agricultural operations that would have been farms under the 1959 definition. The table that comprises appendix B presents data by State for 1974 and 1969 showing characteristics of 1974 agricultural operations excluded by the new definition and of 1969 farms having less than $1,000 total value of sales.

The 1974 "all farms" data shown in State tables 1 through 9 and county tables 1 through 10 are for those agricultural operations with at least $1,000 in total (or potential) sales of farm products. All other tables in this report are limited to farms with sales of $2,500 or more (see the paragraphs in appendix A that describe the report forms and the enumeration method).

Comparability of Data

In general, data for 1974 and earlier censuses are comparable with data from earlier censuses only for farms with $2,500 or more total value of sales, because the data for farms with $2,500 or more value of sales are not affected by the change in farm definition. Data for all farms for 1974 are based on the new definition. It is also important to note that in addition to the difference in farm definition used in this report from that in the preliminary version, this final report contains 1974 figures which will not agree with figures in the preliminary reports because of corrections, additions, and deletions.

Even for farms with $2,500 or more value of sales, the difference in timing and the change from personal interview to mail enumeration affect the comparability between the data for 1974 and 1969 and that for earlier censuses. Both 1974 and 1969 censuses were taken by mail; all earlier censuses were taken by direct interview.

Dramatic changes in rates of farm expenditure and unit prices of products sold between the 1969 and 1974 censuses affect the comparability of some census data. During the period between the two censuses, prices paid by farmers greatly increased. Prices received by farmers also increased but with wide fluctuations among commodities at different times during the census year of 1974.

Crop and livestock production data are for the calendar year 1974, except for a few crops (such as citrus) for which the production year overlaps the calendar year. Expenditures, crops irrigated, usage of agricultural chemicals and fertilizers, and sale of farm products were all asked for the calendar year. Respondents were instructed to report inventory numbers of livestock, poultry, and other specified items as of December 31, 1974. The reporting period and inventory data are the same as for the 1969 census.

Censuses prior to 1969 were taken by enumerators, each assigned to a specific geographic area. Field work for the 1964 and 1969 censuses was completed largely in October, November, and December of the reference year. Livestock and poultry inventories for those two censuses were as of the time of enumeration. Other variations in time of enumeration occurred in censuses prior to 1959.

Graphics

On the following pages, there is a graphic presentation of selected agricultural statistics for this State. The first four dot maps are being published for all States. The second four dot maps have been selected to present data of particular importance to this State.

Tabular Presentation

State data—In chapter I, State tables 1 through 27 show detailed State level data generally accompanied by historical data for one or more censuses. Tables 28 through 33 provide 1974 State data cross-tabulated by various farm classifications.

County summary data—A summary of selected data items for each county of the State is presented in chapter II of this publication. In these tables the counties are listed in alphabetical order with the State total at the beginning of each table.

County miscellaneous data—In chapter III, data for additional crop and livestock items not common to a large number of counties are reported in a separate set of tables by county for each State. Some of these items, even though reported in only a few counties of the State, are sufficiently important to account for a significant proportion of the agricultural production.

Counties not having the subject item of a given table, or with only a very limited number of farms reporting the item, are not listed separately; their data are combined with other counties and presented as "All other."

Final county data—Six pages of data are presented in chapter IV for each county with 10 farms or more in 1974. The tables include final data for each county and are more comprehensive than those in the preliminary reports. Data are for the year 1974 with inventory (on place)
INTRODUCTION Continued

figures as of December 31, 1974. Information covering all farms and farms with sales of $2,500 and over are presented for both the 1974 and 1969 censuses. A State level six-page report like the county report is published at the beginning of the chapter.

Preliminary county data—Preliminary reports have been published separately for all counties in the United States with 10 farms or more in 1974. This four-page series provided, at the earliest possible date, usable information on a limited number of major data items, with comparative final figures from the 1969 census.

The reports were issued on a flow basis, with a State report following the release of the last county report for each State. Tables showing regional and U.S. totals were also prepared as a part of this series.

For all States, the same table format was used to present the data except data for six selected crops shown in table 7. These crops were varied by State depending upon their relative importance.

For major 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.

“See Text” Reference

The remark “See text” in the tables refers to explanations, definitions, and classifications in sections 5 and 6 of appendix A.

Abbreviations and Symbols

The following abbreviations and symbols are used throughout the tables:

- Represents 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.
## INTRODUCTION

Farms and value of products sold by 1974 and 1959 definitions, with comparable data for agricultural operations excluded by 1974 definition but not by 1959 definition.

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<td>28</td>
<td>237</td>
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<td>754</td>
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### HIGHLIGHTS of the State’s Agriculture: 1974 and 1969

<table>
<thead>
<tr>
<th></th>
<th>All Farms</th>
<th>Farms with sales of $2,500 and over</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1974</td>
<td>1969(^1)</td>
</tr>
<tr>
<td>Number of farms</td>
<td>12,184</td>
<td>13,045</td>
</tr>
<tr>
<td>Acres in farms</td>
<td>10,610,050</td>
<td>11,312,951</td>
</tr>
<tr>
<td>per farm.</td>
<td>871</td>
<td>867</td>
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<tr>
<td>Acres of harvested cropland</td>
<td>1,089,243</td>
<td>1,024,475</td>
</tr>
<tr>
<td>per farm.</td>
<td>89</td>
<td>79</td>
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<tr>
<td>Number of farms by size:</td>
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<td></td>
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<tr>
<td>1 to 49 acres</td>
<td>4,664</td>
<td>4,554</td>
</tr>
<tr>
<td>50 to 499 acres</td>
<td>5,755</td>
<td>6,117</td>
</tr>
<tr>
<td>500 acres and over</td>
<td>2,365</td>
<td>2,374</td>
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<tr>
<td>7,000 acres and over</td>
<td>1,461</td>
<td>1,441</td>
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<tr>
<td>Value of land and buildings</td>
<td>1,998,036,000</td>
<td>1,039,759,000</td>
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<tr>
<td>per farm.</td>
<td>153,988</td>
<td>79,706</td>
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<td>Value of machinery and equipment on farms</td>
<td>245,726,000</td>
<td>121,489,000</td>
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<tr>
<td>per farm.</td>
<td>20,168</td>
<td>9,313</td>
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<td>Machinery and equipment on farms—specified items (number):</td>
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<tr>
<td>Automobiles</td>
<td>12,430</td>
<td>13,005</td>
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<td>Motor trucks, including pickups</td>
<td>19,451</td>
<td>18,314</td>
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<tr>
<td>Tractors, excluding garden tractors and motor tillers</td>
<td>21,110</td>
<td>20,128</td>
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<tr>
<td>Value of all agricultural products sold</td>
<td>338,649,000</td>
<td>212,977,000</td>
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<tr>
<td>per farm.</td>
<td>27,795</td>
<td>16,326</td>
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<tr>
<td>Crops</td>
<td>94,887,000</td>
<td>83,557,000</td>
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<tr>
<td>per farm.</td>
<td>7,768</td>
<td>2,956</td>
</tr>
<tr>
<td>Livestock, poultry, and their products</td>
<td>243,622,000</td>
<td>174,365,000</td>
</tr>
<tr>
<td>per farm.</td>
<td>19,995</td>
<td>13,366</td>
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<td>Number of farms, excluding abnormal farms, by value of agricultural product sold:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Under $2,500</td>
<td>3,491</td>
<td>4,637</td>
</tr>
<tr>
<td>$2,500 and over</td>
<td>8,531</td>
<td>8,243</td>
</tr>
<tr>
<td>$2,500 to $9,999</td>
<td>3,508</td>
<td>3,901</td>
</tr>
<tr>
<td>$10,000 to $39,999</td>
<td>3,183</td>
<td>3,210</td>
</tr>
<tr>
<td>$40,000 to $99,999</td>
<td>1,250</td>
<td>843</td>
</tr>
<tr>
<td>$100,000 to $199,999</td>
<td>375</td>
<td>194</td>
</tr>
<tr>
<td>$200,000 and over</td>
<td>215</td>
<td>95</td>
</tr>
<tr>
<td>Value of agricultural products sold by farms, excluding abnormal farms, having sales of—</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Under $2,500</td>
<td>4,159,000</td>
<td>4,762,000</td>
</tr>
<tr>
<td>$2,500 and over</td>
<td>328,160,000</td>
<td>204,525,000</td>
</tr>
<tr>
<td>$2,500 to $9,999</td>
<td>19,357,000</td>
<td>21,173,000</td>
</tr>
<tr>
<td>$10,000 to $39,999</td>
<td>65,989,000</td>
<td>63,978,000</td>
</tr>
<tr>
<td>$40,000 to $99,999</td>
<td>77,374,000</td>
<td>49,321,000</td>
</tr>
<tr>
<td>$100,000 to $199,999</td>
<td>51,340,000</td>
<td>51,340,000</td>
</tr>
<tr>
<td>$200,000 and over</td>
<td>114,100,000</td>
<td>70,052,000</td>
</tr>
<tr>
<td>Farm production expenses—specified items:</td>
<td></td>
<td></td>
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<tr>
<td>Commercially mixed formula feeds</td>
<td>56,054,000</td>
<td>22,677,000</td>
</tr>
<tr>
<td>Commercial fertilizer</td>
<td>9,442,000</td>
<td>4,012,000</td>
</tr>
<tr>
<td>Gasoline and other petroleum fuel and oil for the farm business</td>
<td>14,589,000</td>
<td>9,246,000</td>
</tr>
<tr>
<td>Farm labor, contract labor, machine hire and customwork</td>
<td>28,494,000</td>
<td>23,483,000</td>
</tr>
</tbody>
</table>

\(^1\) Not fully comparable because of change in farm definition; see introduction.

FARMS WITH SALES OF $2,500 AND OVER

<table>
<thead>
<tr>
<th></th>
<th>PERCENT DECREASE</th>
<th>PERCENT INCREASE</th>
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</thead>
<tbody>
<tr>
<td>Number of farms</td>
<td>3.9</td>
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<tr>
<td>Acres in farms</td>
<td>-8.3</td>
<td></td>
</tr>
<tr>
<td>Acres of harvested cropland</td>
<td>-11.7</td>
<td></td>
</tr>
<tr>
<td>Number of farms by size:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 to 49 acres</td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 to 499 acres</td>
<td></td>
<td></td>
</tr>
<tr>
<td>500 to 999 acres</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,000 to 1,999 acres</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2,000 acres and over</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Value of land and buildings</td>
<td></td>
<td>21.0</td>
</tr>
<tr>
<td>Value of all agricultural products sold</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crops</td>
<td></td>
<td>54.3</td>
</tr>
<tr>
<td>Livestock, poultry, and their products</td>
<td></td>
<td>146.1</td>
</tr>
<tr>
<td>Number of farms by value of agricultural products sold:</td>
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<td></td>
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<tr>
<td>Under $2,500</td>
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<td>25.9</td>
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<td>$2,500 and over</td>
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<tr>
<td>$2,500 to $9,999</td>
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<tr>
<td>$100,000 and over</td>
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<td>104.2</td>
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</table>
CHART 1. Changes in the State’s Agriculture: 1974 From 1969—Continued

FARMS WITH SALES OF $2,500 AND OVER

Value of agricultural products sold by farms having sales of—

- Under $2,500 ...........................................
- $2,500 and over .....................................
- $2,500 to $9,999 .................................
- $10,000 to $39,999 ............................
- $40,000 to $99,999 ............................
- $100,000 and over ..............................

Farm production expenses—specified items:

- Commercially mixed formula feeds ............
- Commercial fertilizer ..............................
- Gasoline and other petroleum fuel and oil for the farm business ..........................
- Farm labor, contract labor, machine hire and customwork ..................................

Value of machinery and equipment on farms .......................... dollars ..

Machinery and equipment on farms—specified items:

- Automobiles .................. number ....
- Motortrucks, including pickups .... number ...
- Tractors, excluding garden tractors and motor tillers ........ number ..
### CHART 2. Profile of the State’s Agriculture: 1974

#### ALL FARMS

**Farms by size:**
- 1 to 99 acres: 48.3%
- 100 to 499 acres: 32.3%
- 500 to 999 acres: 7.4%
- 1,000 to 1,999 acres: 5.2%
- 2,000 acres and over: 6.7%

**Farms by value of land and buildings:**
- $1 to $19,999: 11.8%
- $20,000 to $39,999: 16.3%
- $40,000 to $99,999: 32.0%
- $100,000 to $499,999: 35.0%
- $500,000 and over: 4.9%

**Farms by value of machinery and equipment:**
- $1 to $999: 0.6%
- $1,000 to $4,999: 14.5%
- $5,000 to $19,999: 29.9%
- $20,000 to $49,999: 43.3%
- $50,000 and over: 7.3%

**Farm operators by age:**
- Under 35 years: 8.7%
- 35 to 44 years: 18.0%
- 45 to 54 years: 24.7%
- 55 to 64 years: 25.1%
- 65 years and older: 19.2%

**Farm operators working off farm:**
- None: 26.8%
- 1 to 99 days: 9.3%
- 100 days or more: 43.9%

**Farm operators by tenure:**
- Full owners: 65.2%
- Part owners: 29.1%
- Tenants: 5.8%

---

1 Data apply only to individual or family operations (sole proprietorships) and partnerships.
CHART 2. Profile of the State's Agriculture: 1974—Continued

ALL FARMS

Farms by value of agricultural products sold:
- Under $2,500
- $2,500 to $4,999
- $5,000 to $9,999
- $10,000 to $19,999
- $20,000 to $39,999
- $40,000 to $99,999
- $100,000 and over

Value of agricultural products sold by farms having sales of—
- Under $2,500
- $2,500 to $4,999
- $5,000 to $9,999
- $10,000 to $19,999
- $20,000 to $39,999
- $40,000 to $99,999
- $100,000 and over

Farms by amount of total production expenses:
- $1 to $999
- $1,000 to $4,999
- $5,000 to $9,999
- $10,000 to $19,999
- $20,000 to $59,999
- $60,000 and over

Sources of farm income:
- Crops
- Livestock, poultry, and their products
- Other farm-related sources

Type of organization for farms with sales of $2,500 and over:
- Individual or family
- Partnership
- Corporation
- Other

1 Includes forest products sold, and income from customwork and other agricultural services, recreational services, participation in government farm programs, rental of farm property, and other miscellaneous sources closely related to the agricultural operation.
NUMBER OF FARMS: 1974

1 DOT = 50

U.S. Department of Commerce
Bureau of the Census

LAND IN FARMS: 1974

1 DOT = 20,000 ACRES

U.S. Department of Commerce
Bureau of the Census

VALUE OF CROPS SOLD: 1974

1 DOT = $1,000,000

U.S. Department of Commerce
Bureau of the Census

VALUE OF LIVESTOCK, POULTRY, AND THEIR PRODUCTS SOLD: 1974

1 DOT = $1,000,000

U.S. Department of Commerce
Bureau of the Census