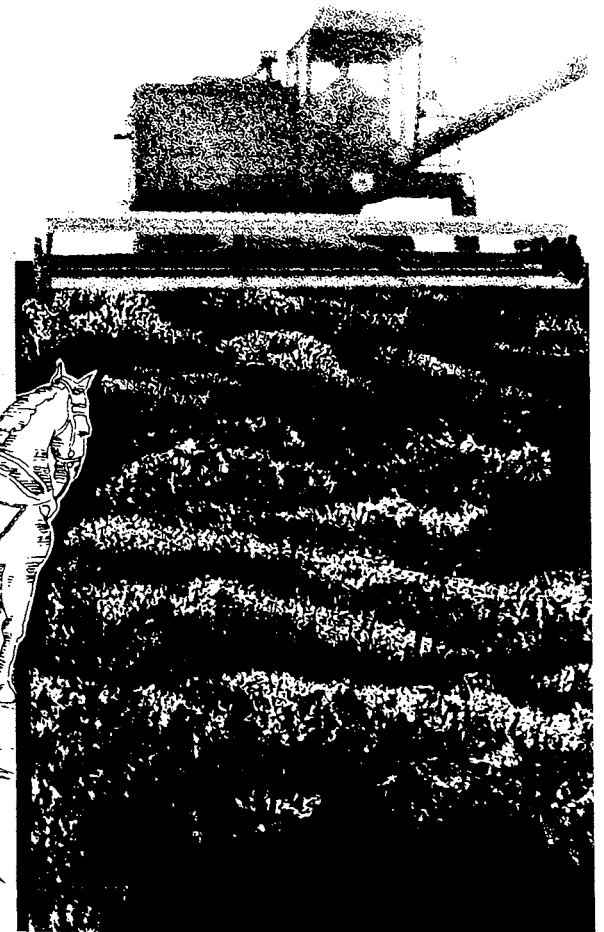
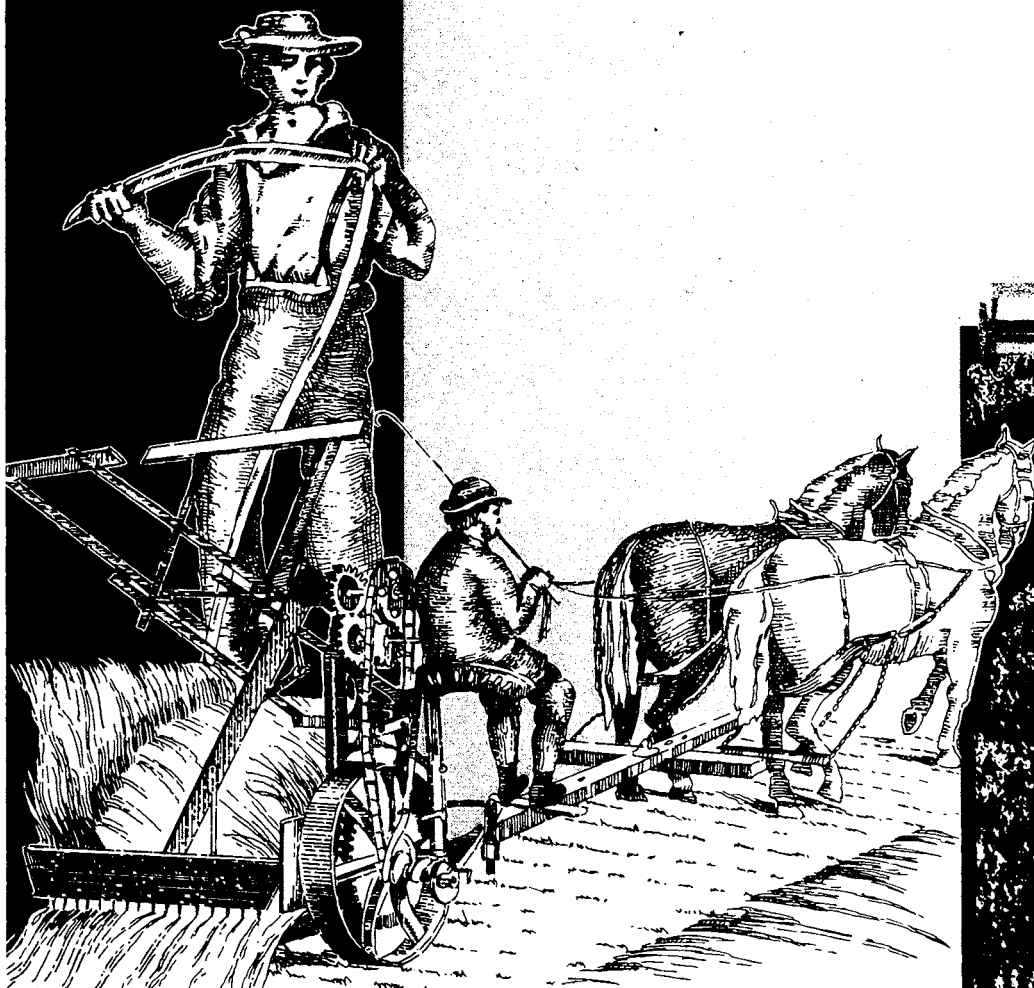


# 1974 Census of Agriculture

Volume I Part 7  
**Connecticut**  
State and  
County Data

U.S. Department of Commerce  
BUREAU OF THE CENSUS





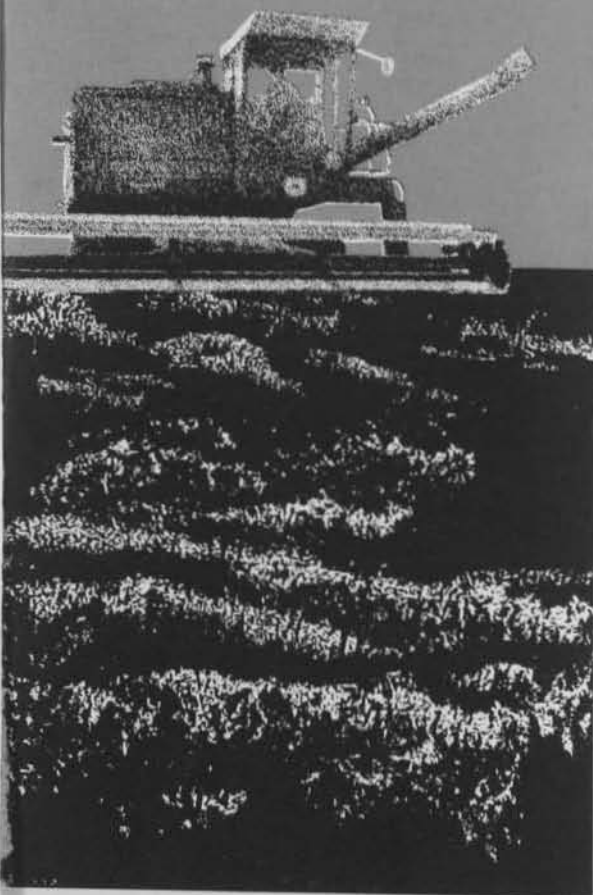




1974  
Census  
of  
Agriculture

Volume I Part 7

**Connecticut**  
State and  
County Data



Issued March 1977



U.S. Department of Commerce  
Juanita M. Kreps, Secretary

BUREAU OF THE CENSUS  
Robert L. Hagan, Acting Director

## BUREAU OF THE CENSUS

Robert L. Hagan, Acting Director  
Shirley Kallek, Associate Director for Economic Fields

### AGRICULTURE DIVISION

Orvin L. Wilhite, Chief

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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 *The statistics printed in these reports are superseded by those in the final reports, Volumes I through IV.*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.

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# 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 sales, by county, for 1974 and 1969, for both the old and the new definitions, 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 so they are not directly comparable to earlier censuses. 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 1959 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)

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## 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 Continued

FARMS AND VALUE OF PRODUCTS SOLD BY 1974 AND 1959 DEFINITIONS, WITH COMPARABLE DATA FOR AGRICULTURAL OPERATIONS EXCLUDED BY 1974 DEFINITION: 1974 AND 1969

COUNTY	BY 1974 DEFINITION				BY 1959 DEFINITION				AGRICULTURAL OPERATIONS EXCLUDED BY 1974 DEFINITION BUT NOT BY 1959 DEFINITION			
	NUMBER		VALUE OF AGRICULTURAL PRODUCTS SOLD (\$1,000)		NUMBER		VALUE OF AGRICULTURAL PRODUCTS SOLD (\$1,000)		NUMBER		VALUE OF AGRICULTURAL PRODUCTS SOLD (\$1,000)	
	1974	1969	1974	1969	1974	1969	1974	1969	1974	1969	1974	1969
CONNECTICUT, TOTAL . . .	3 421	3 448	186 921	145 539	3 827	4 490	187 022	145 890	406	1 042	101	351
FAIRFIELD . . . . .	235	264	5 915	5 802	264	347	5 924	5 829	29	83	9	27
HARTFORD . . . . .	759	684	58 226	47 735	809	842	58 235	47 789	50	158	9	53
LITCHFIELD . . . . .	542	565	19 007	15 607	606	764	19 025	15 674	64	199	18	67
MIDDLESEX . . . . .	205	162	12 185	9 504	237	256	12 192	9 538	32	94	7	34
NEW HAVEN . . . . .	397	411	15 894	12 454	460	496	15 910	12 480	63	85	17	27
NEW LONDON . . . . .	519	556	30 339	20 988	575	702	30 352	21 040	56	146	12	52
TOLLAND . . . . .	285	300	13 653	12 272	342	440	13 668	12 316	57	140	15	43
WINDHAM . . . . .	479	506	31 701	21 176	534	643	31 715	21 224	55	137	13	48



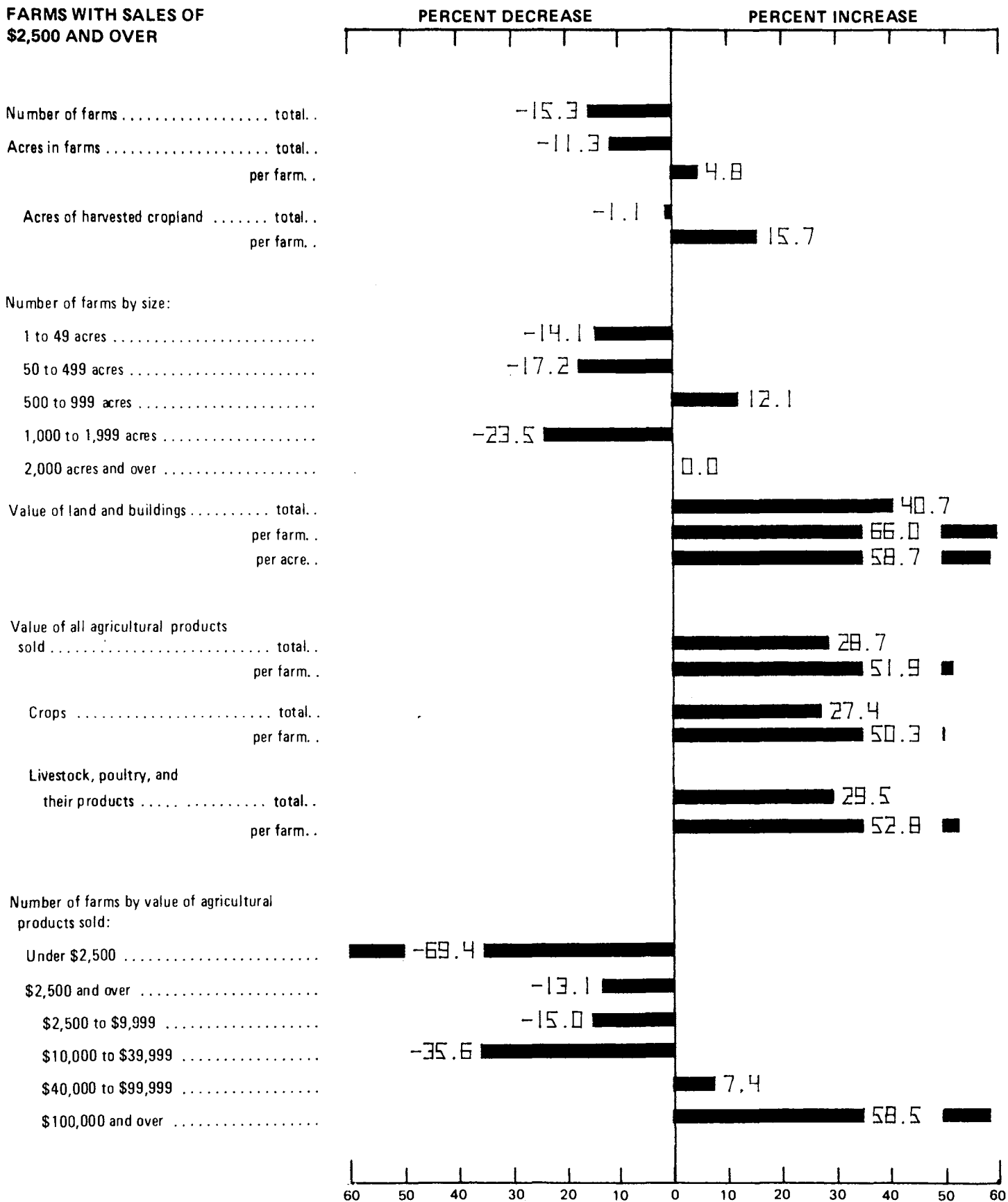
# HIGHLIGHTS of the State's Agriculture: 1974 and 1969

	All Farms		Farms with sales of \$2,500 and over	
	1974	1969 <sup>1</sup>	1974	1969
Number of farms . . . . . total, . . . . .	3 421	4 490	2 460	2 903
Acres in farms . . . . . total, . . . . .	440 056	541 372	375 788	423 680
per farm, . . . . .	129	121	153	146
Acres of harvested cropland . . . . . total, . . . . .	159 157	162 275	145 671	147 250
per farm, . . . . .	47	36	59	51
Number of farms by size:				
1 to 49 acres . . . . .	1 369	1 818	844	983
50 to 499 acres . . . . .	1 927	2 549	1 496	1 807
500 acres and over . . . . .	125	123	120	113
1,000 acres and over . . . . .	19	25	18	22
Value of land and buildings . . . . . total, . . . . .	670 979 000	498 712 000	574 905 000	408 636 000
per farm, . . . . .	196 135	111 072	233 701	140 763
Value of machinery and equipment on farms . . . . . total, . . . . .	68 108 000	43 487 000	59 479 000	37 390 000
per farm, . . . . .	19 909	9 685	24 178	12 880
Machinery and equipment on farms—specified items (number):				
Automobiles . . . . .	3 953	5 297	3 032	3 774
Motortrucks, including pickups . . . . .	6 220	7 393	5 301	6 061
Tractors, excluding garden tractors and motor tillers . . . . .	7 924	8 679	6 608	6 992
Value of all agricultural products sold . . . . . total, . . . . .	186 921 000	145 890 000	185 033 000	143 739 000
per farm, . . . . .	54 639	32 492	75 217	49 514
Crops . . . . . total, . . . . .	75 560 000	59 493 000	74 863 000	58 776 000
per farm, . . . . .	22 087	13 250	30 432	20 247
Livestock, poultry, and their products . . . . . total, . . . . .	110 929 000	86 167 000	109 766 000	84 765 000
per farm, . . . . .	32 426	19 191	44 620	29 199
Number of farms, excluding abnormal farms, by value of agricultural product sold:				
Under \$2,500 . . . . .	986	1 686	34	111
\$2,500 and over . . . . .	2 426	2 792	2 426	2 792
\$2,500 to \$9,999 . . . . .	693	815	693	815
\$10,000 to \$39,999 . . . . .	775	1 203	775	1 203
\$40,000 to \$99,999 . . . . .	565	526	565	526
\$100,000 to \$199,999 . . . . .	237	154	237	154
\$200,000 and over . . . . .	156	94	156	94
Value of agricultural products sold by farms, excluding abnormal farms, having sales of—				
Under \$2,500 . . . . .	1 067 000	1 336 000	44 000	96 000
\$2,500 and over . . . . .	184 989 000	143 738 000	184 989 000	143 643 000
\$2,500 to \$9,999 . . . . .	3 646 000	4 474 000	3 646 000	4 474 000
\$10,000 to \$39,999 . . . . .	17 023 000	27 648 000	17 023 000	27 648 000
\$40,000 to \$99,999 . . . . .	35 800 000	32 881 000	35 800 000	32 881 000
\$100,000 to \$199,999 . . . . .	32 798 000	78 639 000	32 798 000	78 639 000
\$200,000 and over . . . . .	95 722 000	78 639 000	95 722 000	78 639 000
Farm production expenses—specified items:				
Commercially mixed formula feeds . . . . .	50 233 000	31 208 000	49 701 000	30 826 000
Commercial fertilizer . . . . .	6 512 000	3 932 000	6 385 000	3 831 000
Gasoline and other petroleum fuel and oil for the farm business . . . . .	6 738 000	4 374 000	6 573 000	4 105 000
Farm labor, contract labor, machine hire and customwork . . . . .	32 797 000	29 567 000	32 432 000	28 942 000

<sup>1</sup> Not fully comparable because of change in farm definition; see introduction.

# CHART 1. Changes in the State's Agriculture: 1974 From 1969

## FARMS WITH SALES OF \$2,500 AND OVER



# 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 .....

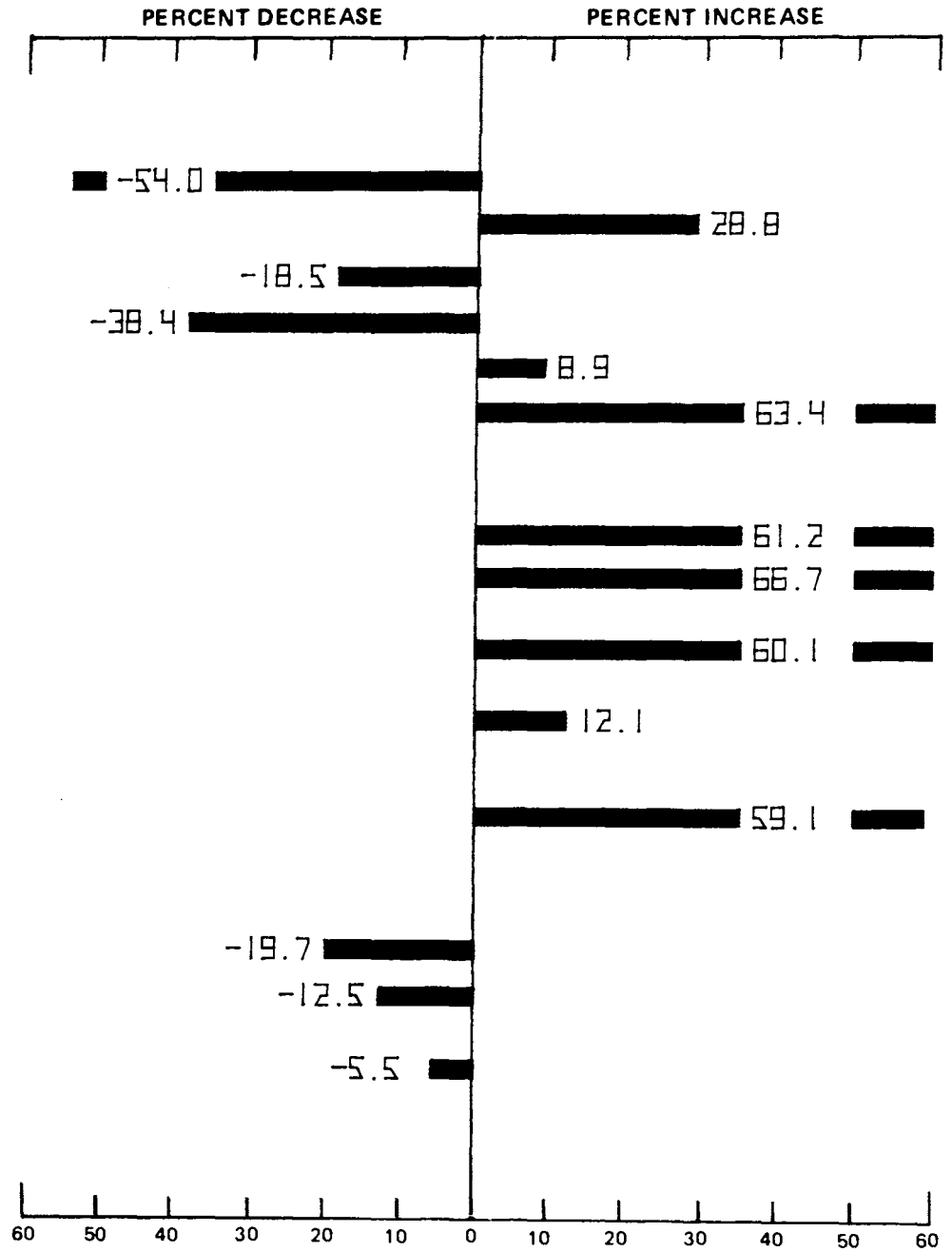
Farm production expenses—specified items:

- 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 .....

Machinery and equipment on farms—specified items:

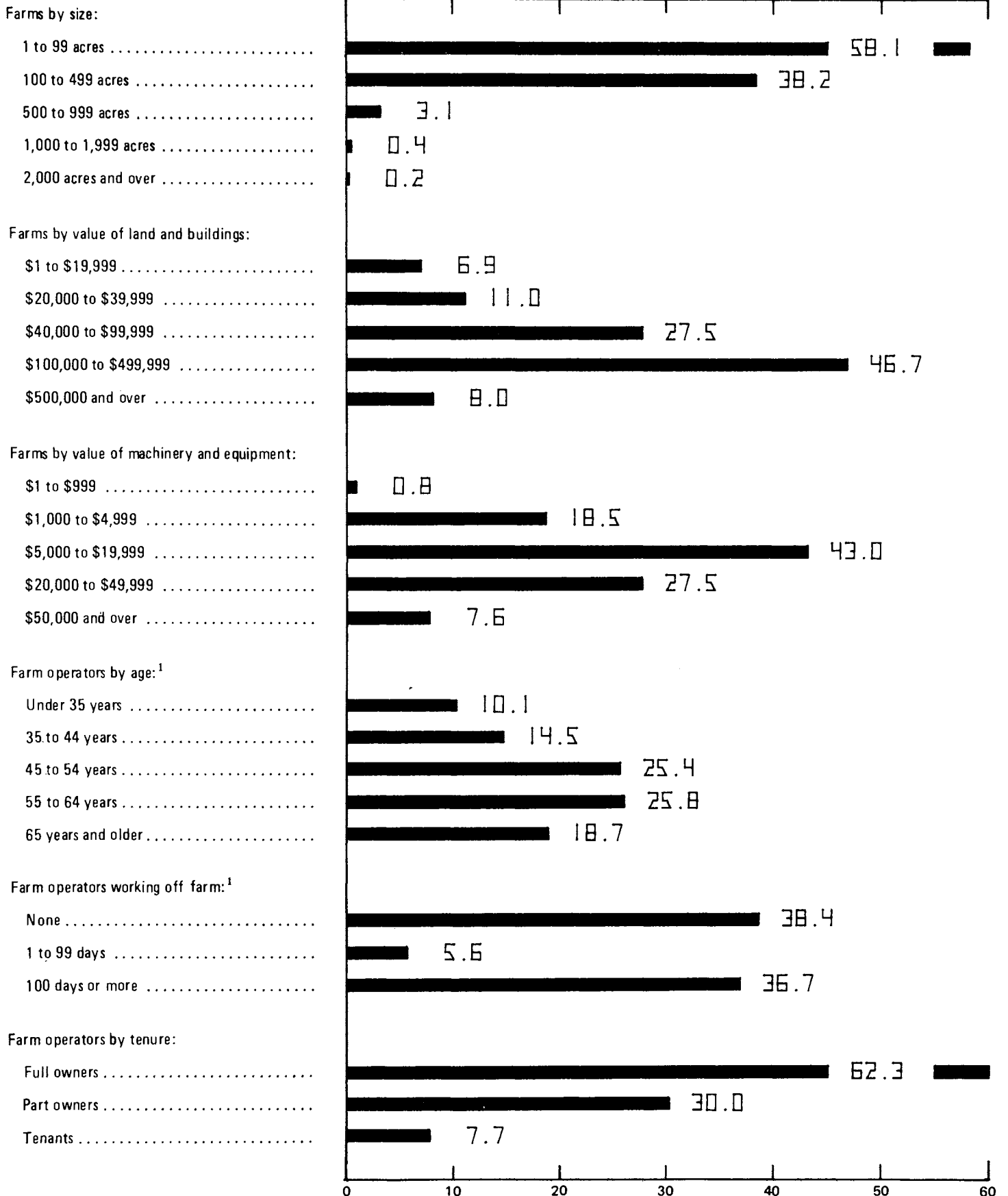
- Automobiles. . . . . number. . .
- Motortrucks, including pickups. . . number. . .
- Tractors, excluding garden tractors and motor tillers . . . . . number. . .



## CHART 2. Profile of the State's Agriculture: 1974

### ALL FARMS

### PERCENT OF TOTAL FARMS



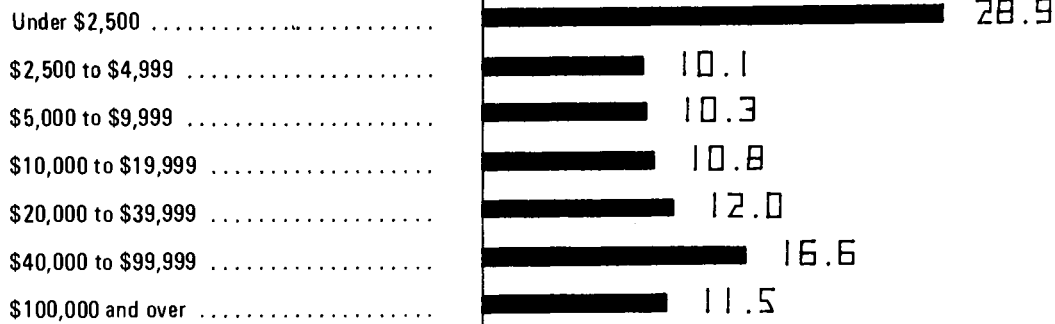
<sup>1</sup> Data apply only to individual or family operations (sole proprietorships) and partnerships.

## CHART 2. Profile of the State's Agriculture: 1974—Continued

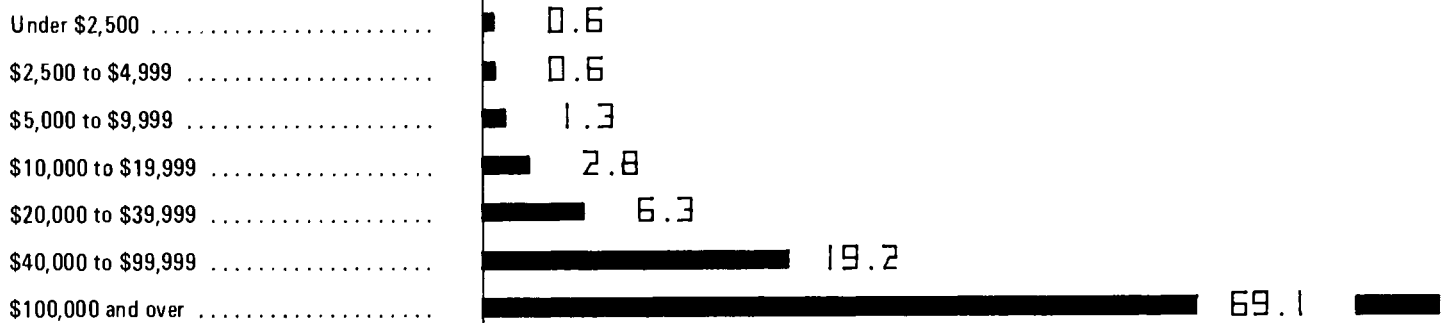
### ALL FARMS

PERCENT OF TOTAL FARMS

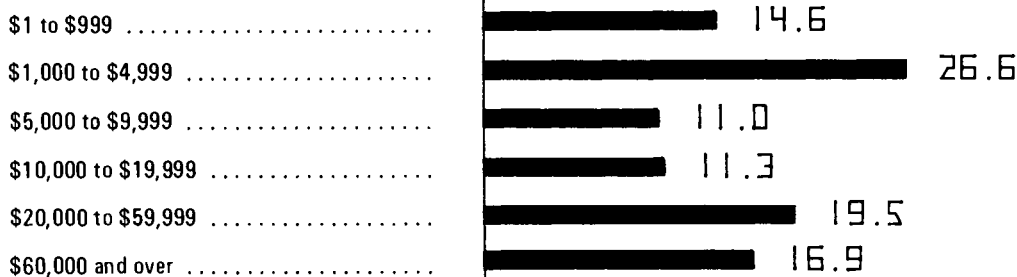
#### Farms by value of agricultural products sold:



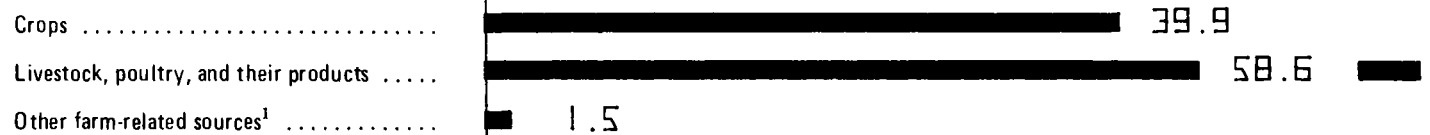
#### Value of agricultural products sold by farms having sales of—



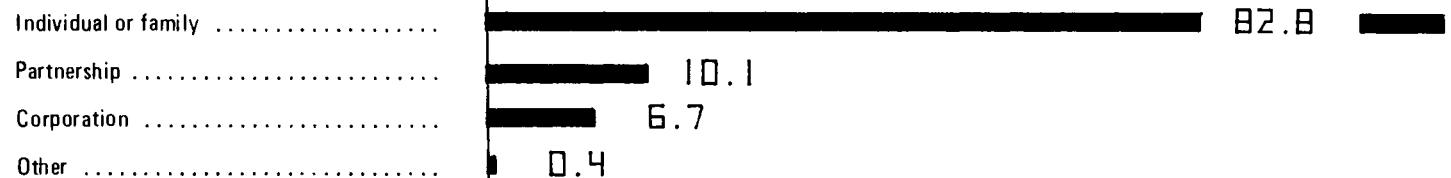
#### Farms by amount of total production expenses:



#### Sources of farm income:

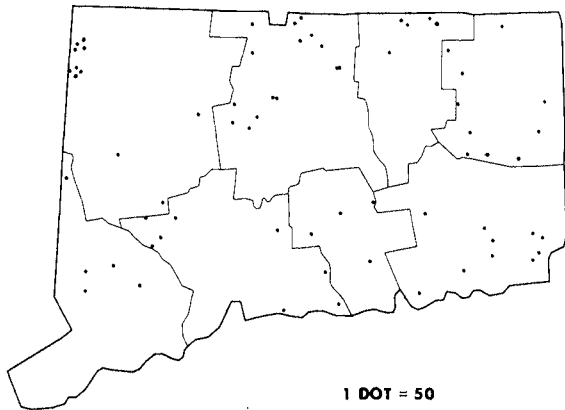


#### Type of organization for farms with sales of \$2,500 and over:



<sup>1</sup> 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**

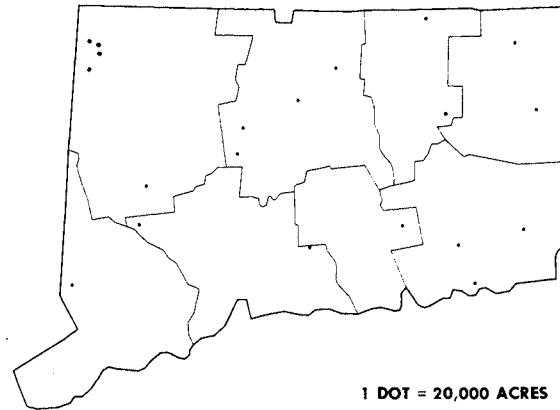


1 DOT = 50

74 - 1CT

U.S. Department of Commerce  
Bureau of the Census

**LAND IN FARMS: 1974**

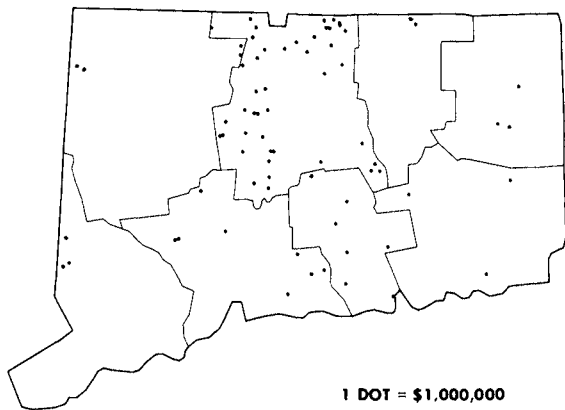


1 DOT = 20,000 ACRES

74 - 2CT

U.S. Department of Commerce  
Bureau of the Census

**VALUE OF CROPS SOLD: 1974**

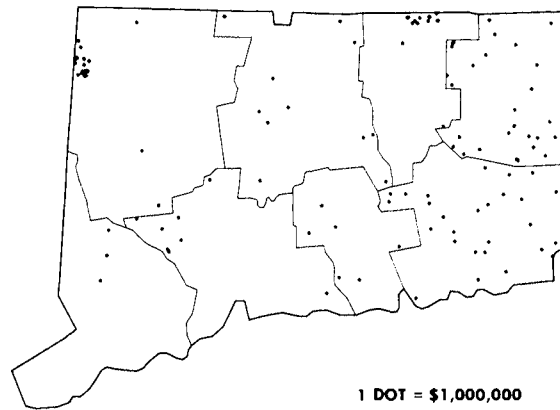


1 DOT = \$1,000,000

74 - 3CT

U.S. Department of Commerce  
Bureau of the Census

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

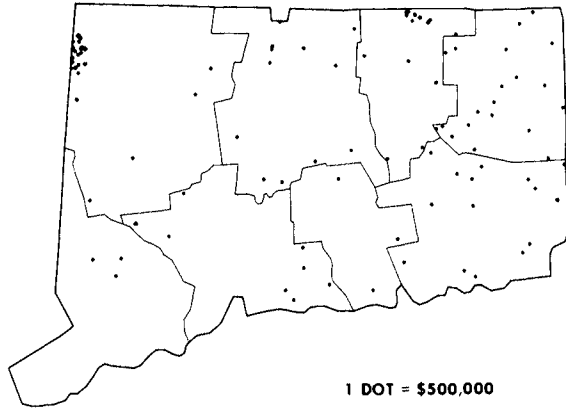


1 DOT = \$1,000,000

74 - 4CT

U.S. Department of Commerce  
Bureau of the Census

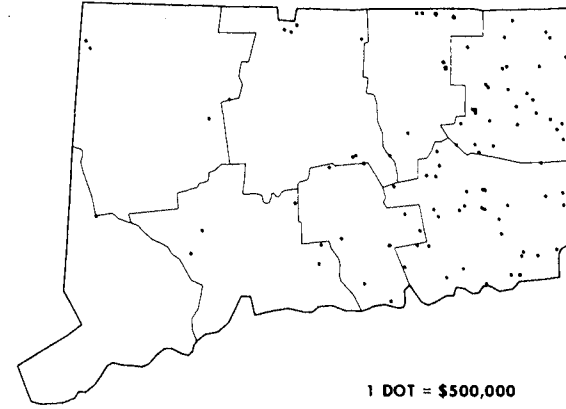
**VALUE OF DAIRY PRODUCTS SOLD: 1974  
(FARMS WITH SALES OF \$2,500 AND OVER)**



74 - 6CT

U.S. Department of Commerce  
Bureau of the Census

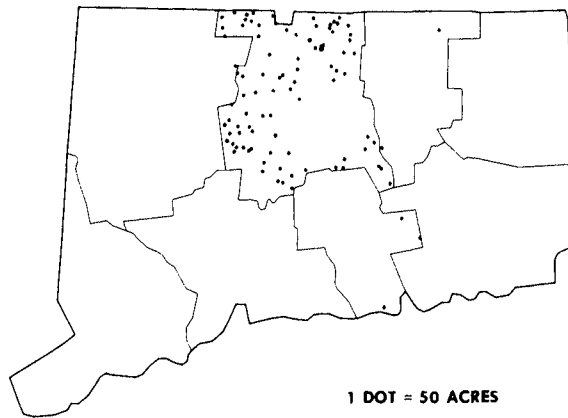
**VALUE OF POULTRY AND POULTRY  
PRODUCTS SOLD: 1974**



74 - 7CT

U.S. Department of Commerce  
Bureau of the Census

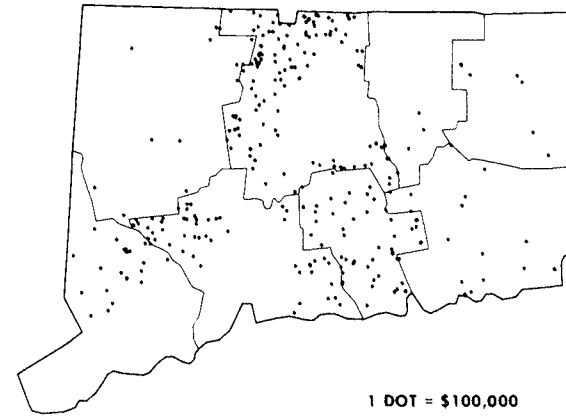
**TOBACCO HARVESTED: 1974**



74 - 14CT

U.S. Department of Commerce  
Bureau of the Census

**VALUE OF NURSERY AND GREENHOUSE PRODUCTS  
HARVESTED FOR SALE: 1974**



74 - 18CT

U.S. Department of Commerce  
Bureau of the Census

# CONNECTICUT

## Counties, County Seats, Mountains, and Rivers

