

1974  
Census  
of  
Agriculture

Volume I Part 47  
**Washington**  
State and  
County Data



Issued March 1977



U.S. Department of Commerce  
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**ACKNOWLEDGMENTS**—Many persons participated in the various activities of the 1974 Census of Agriculture. Primary direction was by Shirley Kallek, Associate Director for Economic Fields. Her predecessor, James W. Turbitt, now Associate Director for Administration and Field Operations, directed the early stages of planning for the census.

This report was prepared in the Agriculture Division under the general supervision of J. Thomas Breen, Chief (to February 1976), and Orvin L. Wilhite, his successor. Arnold L. Bollenbacher, assisted by Thomas D. Monroe, Donald R. Jahnke, John A. Blackledge, William A. Harlan, and John C. Womack, was directly responsible for review and analysis of the data and for clerical and computer edit and tabulation specifications. Kenneth R. Norell, assisted by Albert W. Graybill, coordinated the organization and content of the publication tables. Robert S. Taylor, assisted by John E. Adkins, Stephen M. Schobel, Loyd C. Brown, Jack H. Margolis, Edward J. James, and William R. Adams, was directly responsible for the operational aspects of data collection, processing, and tabulation, including preparation of control systems, clerical procedures, and computer programs. Janet W. Hall provided editorial services and coded the Linotron table formats of this report for publication via the Linotron computer system. J. Jack Ingram (to September 1974) and Charles E. Rogers, his successor, assisted by Darrell D. Prochaska and Harold V. Edwards, were directly responsible for mailing list acquisition and unduplication, design of sampling procedures for data collection, monitoring of processing, and evaluation of coverage. 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. O. Bryant Benton, Chief, Data Preparation Division, Jeffersonville, Indiana (to March 1976), and Don L. Adams, his successor, assisted by Robert L. Allen, Rebecca Nesbit, and Darrell L. Farabee, were directly responsible for clerical and data-encoding operations.

The computer processing facilities used were under the general supervision of James R. Pepal, Chief, Computer Services Division (to May 1976), and Thomas C. DiNenna, his successor.

Forms design was accomplished under the general supervision of Cecil B. Matthews, Chief, Administrative Services Division (to September 1975), and Henry J. Husmann, his successor, assisted by Gladys S. Potts and Cathern S. Kline.

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. Dean L. Quirin, Agriculture Division, and Dorothy W. Whitson, 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.  
1974 census of agriculture.

CONTENTS: v. 1. State reports. v.—v.2. Statistics by subject. v.—v. 3. Agricultural services. v.—v. 4. Special reports. v.

1. Agriculture—Economic aspects—United States—Statistics—Collected works. I. Title. II. Title: Census of agriculture.

HD1753 1974.B87 1977 338.1'0973

76-608387

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. Price \$0.00. S/N 003-024-01360-6

## 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
WASHINGTON, TOTAL . . . . .	29 410	26 461	1 658 077	768 292	32 649	34 033	1 659 092	771 229	3 239	7 572	1 015	2 936
ADAMS . . . . .	699	686	86 006	30 677	717	710	86 007	30 687	18	24	1	10
ASOTIN . . . . .	147	144	7 020	3 657	170	168	7 029	3 667	23	24	9	10
BENTON . . . . .	990	881	81 600	22 726	1 101	1 149	81 641	22 833	111	268	41	108
CHELAN . . . . .	1 228	1 001	41 498	24 095	1 278	1 265	41 510	24 171	50	264	12	76
CLALLAM . . . . .	282	242	3 640	3 078	351	395	3 660	3 129	69	153	20	50
CLARK . . . . .	1 142	877	19 485	15 022	1 349	1 452	19 547	15 237	207	575	62	214
COLUMBIA . . . . .	253	232	26 630	9 692	271	258	26 637	9 705	18	26	7	13
COWLITZ . . . . .	332	245	5 354	4 033	389	387	5 369	4 087	57	142	15	55
DOUGLAS . . . . .	876	804	45 998	19 239	913	1 005	46 010	19 287	37	201	12	48
FERRY . . . . .	148	144	2 099	1 467	159	172	2 101	1 480	11	28	2	13
FRANKLIN . . . . .	747	746	88 998	32 312	787	791	89 004	32 332	20	45	6	20
GARFIELD . . . . .	211	232	20 468	6 595	236	246	20 475	6 600	25	14	7	5
GRANT . . . . .	1 479	1 405	214 953	80 616	1 543	1 518	214 971	80 655	64	113	18	39
GRAYS HARBOR . . . . .	397	299	10 093	5 493	440	428	10 102	5 552	43	129	9	59
ISLAND . . . . .	232	134	6 188	3 720	294	240	6 206	3 756	62	106	18	36
JEFFERSON . . . . .	106	65	1 135	707	122	103	1 138	721	16	38	3	14
KING . . . . .	1 022	775	40 496	22 223	1 327	1 212	40 602	22 389	305	437	106	166
KITSAP . . . . .	239	129	1 607	1 976	334	260	1 633	2 029	95	131	26	54
KITTITAS . . . . .	603	551	24 056	19 424	660	674	24 075	19 471	57	123	19	47
KLICKITAT . . . . .	463	483	15 517	10 449	493	614	15 523	10 497	30	131	6	48
LEWIS . . . . .	1 084	834	21 743	13 528	1 186	1 237	21 768	13 693	102	403	25	164
LINCOLN . . . . .	831	868	68 014	22 203	852	903	68 018	22 221	21	35	4	18
MASON . . . . .	90	57	747	1 210	117	115	755	1 234	27	58	8	24
OKANOGAN . . . . .	1 179	1 094	37 305	26 241	1 257	1 307	37 323	26 294	78	213	18	53
PACIFIC . . . . .	272	236	3 503	3 199	298	298	3 508	3 230	26	62	6	31
PEND OREILLE . . . . .	203	155	1 879	1 627	222	249	1 884	1 664	19	94	5	38
PIERCE . . . . .	962	821	34 373	22 808	1 140	1 209	34 430	22 961	178	388	58	153
SAN JUAN . . . . .	113	70	866	399	139	111	871	415	26	41	5	16
SKAGIT . . . . .	850	796	50 084	26 128	954	1 050	50 122	26 235	104	254	38	106
SKAMANIA . . . . .	58	47	582	773	70	90	584	791	12	43	2	18
SNOHOMISH . . . . .	1 065	873	37 947	21 705	1 309	1 357	38 029	21 900	244	484	81	195
SPOKANE . . . . .	1 748	1 563	56 338	29 543	2 023	2 076	56 436	29 744	275	513	98	202
STEVENS . . . . .	971	862	14 655	10 665	1 053	1 079	14 674	10 765	82	217	19	101
THURSTON . . . . .	529	407	23 462	13 836	670	660	23 504	13 934	141	253	42	99
WAHKIAKUM . . . . .	151	145	2 932	2 121	165	198	2 935	2 145	14	53	3	24
WALLA WALLA . . . . .	735	681	110 387	35 809	821	800	110 418	35 865	86	119	31	56
WHATCOM . . . . .	1 526	1 512	54 790	33 711	1 696	1 934	54 846	33 894	170	422	56	183
WHITMAN . . . . .	1 332	1 380	137 696	48 190	1 384	1 468	137 715	48 233	52	88	19	43
YAKIMA . . . . .	4 095	3 985	257 936	137 399	4 359	4 845	258 032	137 726	264	860	95	326

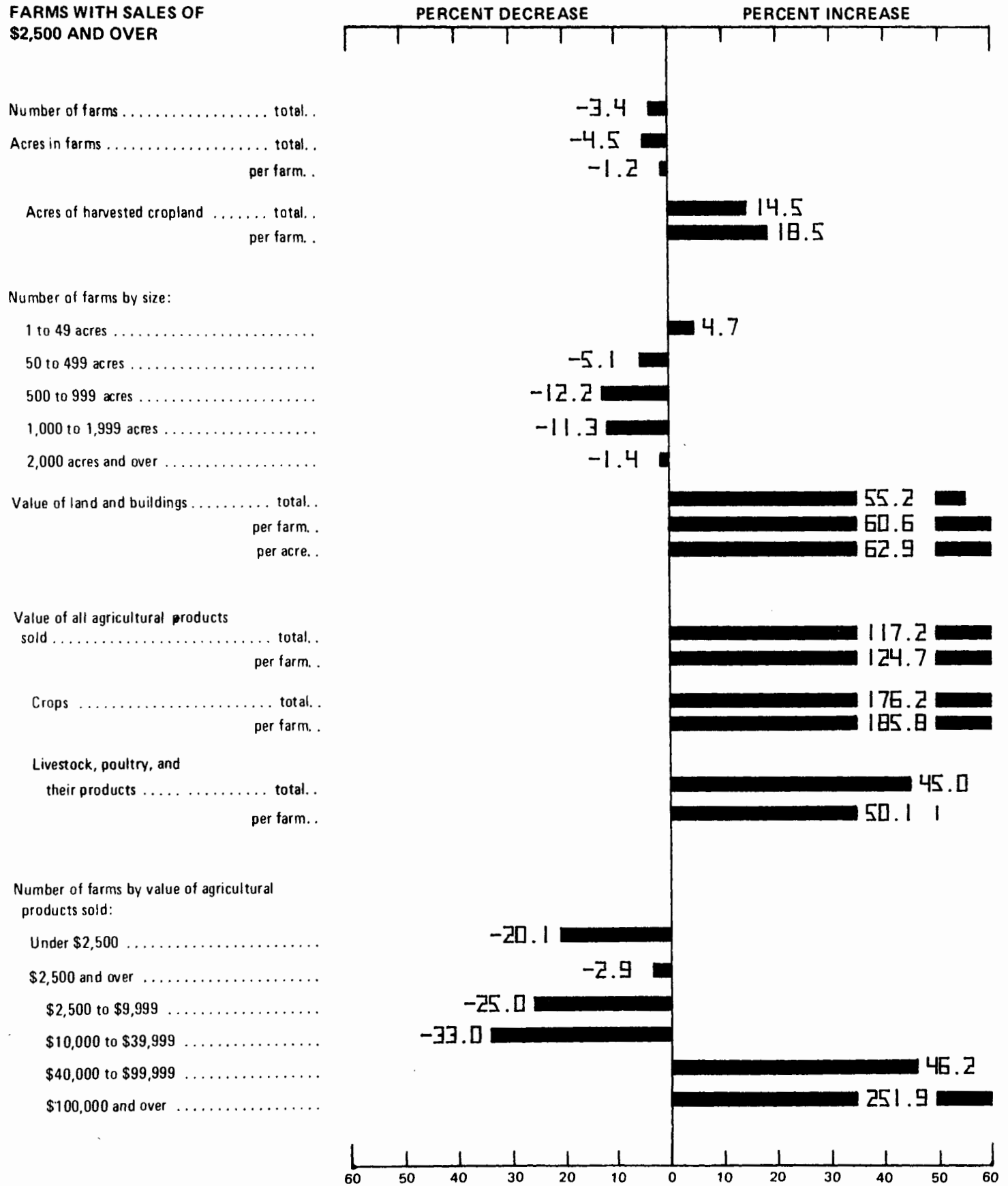
# HIGHLIGHTS of the State's Agriculture: 1974 and 1969

	All Farms		Farms with sales of \$2,500 and over	
	1974	1969 <sup>1</sup>	1974	1969
Number of farms . . . . . total..	29 410	34 033	21 056	21 788
Acres in farms . . . . . total..	16 661 902	17 559 187	13 909 191	14 568 414
per farm..	567	516	661	669
Acres of harvested cropland . . . . . total..	4 946 306	4 366 906	4 862 628	4 245 112
per farm..	168	128	231	195
Number of farms by size:				
1 to 49 acres . . . . .	12 069	14 525	6 354	6 066
50 to 499 acres . . . . .	11 913	13 478	9 380	9 884
500 acres and over . . . . .	5 428	6 030	5 322	5 838
1,000 acres and over . . . . .	3 377	3 646	3 336	3 576
Value of land and buildings . . . . . total..	5 827 705 000	3 930 394 000	5 000 436 000	3 221 091 000
per farm..	198 154	115 488	237 483	147 838
Value of machinery and equipment on farms . . . . . total..	761 653 000	419 570 000	695 966 000	376 885 000
per farm..	25 898	12 328	33 053	17 298
Machinery and equipment on farms—specified items (number):				
Automobiles . . . . .	32 116	37 105	25 053	25 896
Motortrucks, including pickups . . . . .	57 129	56 719	48 830	45 273
Tractors, excluding garden tractors and motor tillers . . . . .	59 542	58 600	50 040	47 445
Value of all agricultural products sold . . . . . total..	1 658 077 000	771 229 000	1 646 730 000	758 225 000
per farm..	56 378	22 661	78 207	34 800
Crops . . . . . total..	1 154 631 000	420 872 000	1 150 951 000	416 699 000
per farm..	39 260	12 367	54 661	19 125
Livestock, poultry, and their products . . . . . total..	496 131 000	345 531 000	488 579 000	336 858 000
per farm..	16 869	10 153	23 204	15 461
Number of farms, excluding abnormal farms, by value of agricultural product sold:				
Under \$2,500 . . . . .	8 760	12 770	442	553
\$2,500 and over . . . . .	20 614	21 235	20 614	21 235
\$2,500 to \$9,999 . . . . .	5 685	7 577	5 685	7 577
\$10,000 to \$39,999 . . . . .	6 234	9 309	6 234	9 309
\$40,000 to \$99,999 . . . . .	4 697	3 213	4 697	3 213
\$100,000 to \$199,999 . . . . .	2 400	762	2 400	762
\$200,000 and over . . . . .	1 598	374	1 598	374
Value of agricultural products sold by farms, excluding abnormal farms, having sales of—				
Under \$2,500 . . . . .	9 715 000	11 136 000	503 000	540 000
\$2,500 and over . . . . .	1 646 227 000	757 685 000	1 646 227 000	757 685 000
\$2,500 to \$9,999 . . . . .	30 986 000	41 215 000	30 986 000	41 215 000
\$10,000 to \$39,999 . . . . .	137 182 000	202 474 000	137 182 000	202 474 000
\$40,000 to \$99,999 . . . . .	303 646 000	194 180 000	303 646 000	194 180 000
\$100,000 to \$199,999 . . . . .	335 060 000	319 817 000	335 060 000	319 817 000
\$200,000 and over . . . . .	839 353 000		839 353 000	
Farm production expenses—specified items:				
Commercially mixed formula feeds . . . . .	117 276 000	59 241 000	115 121 000	57 806 000
Commercial fertilizer . . . . .	100 158 000	38 038 000	99 505 000	37 379 000
Gasoline and other petroleum fuel and oil for the farm business . . . . .	47 190 000	28 075 000	45 692 000	26 241 000
Farm labor, contract labor, machine hire and customwork . . . . .	191 144 000	125 142 000	189 109 000	122 191 000

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

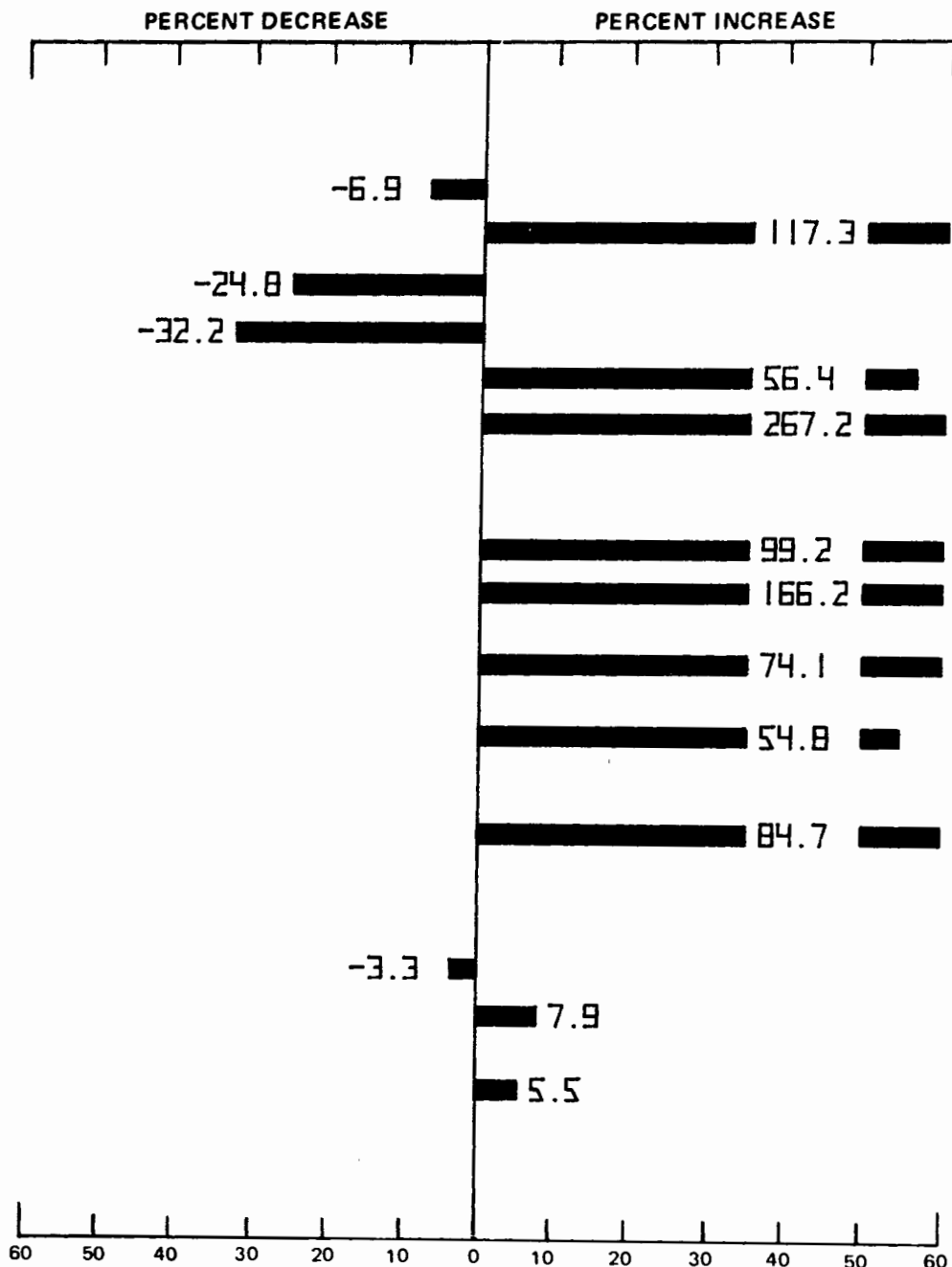
# CHART 1. Changes in the State's Agriculture: 1974 From 1969

## 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

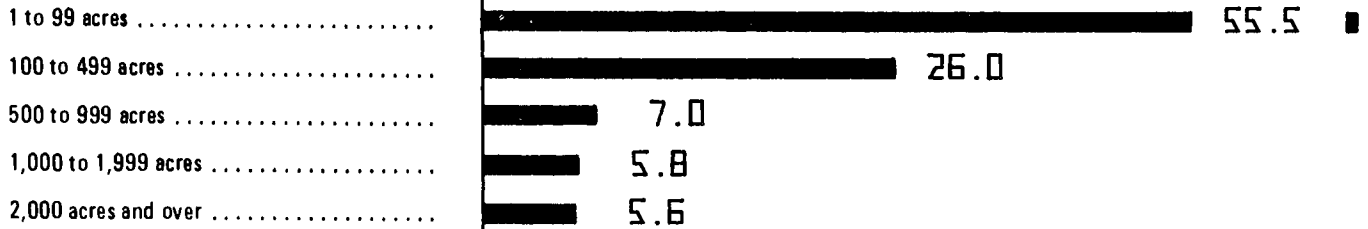


## CHART 2. Profile of the State's Agriculture: 1974

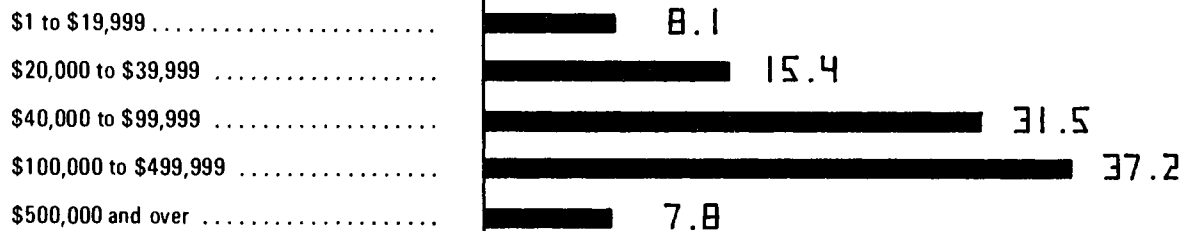
### ALL FARMS

PERCENT OF TOTAL FARMS

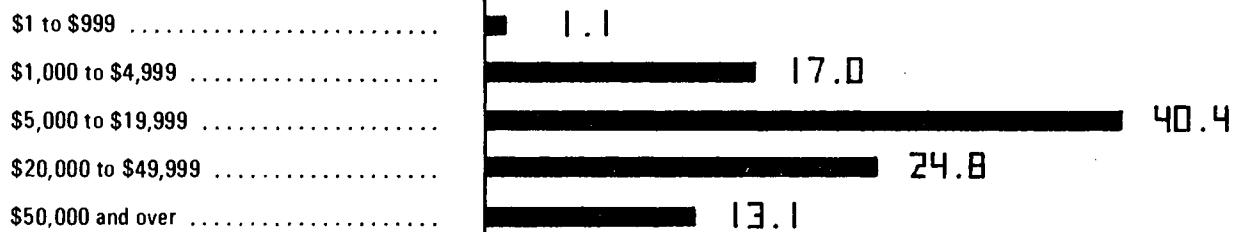
#### Farms by size:



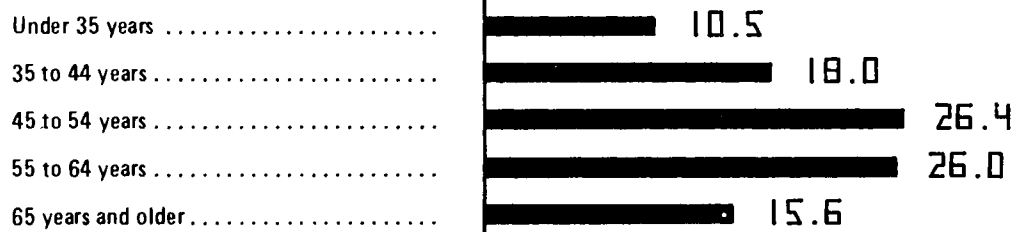
#### Farms by value of land and buildings:



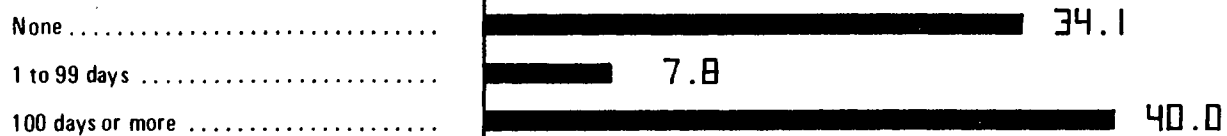
#### Farms by value of machinery and equipment:



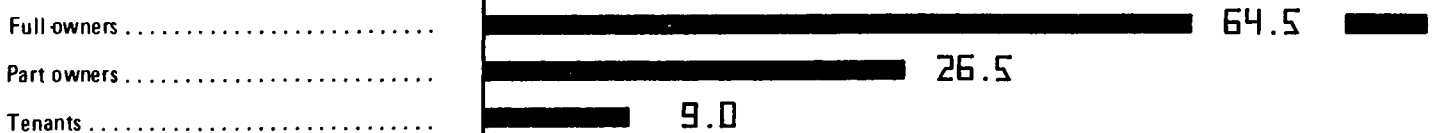
#### Farm operators by age:<sup>1</sup>



#### Farm operators working off farm:<sup>1</sup>



#### Farm operators by tenure:



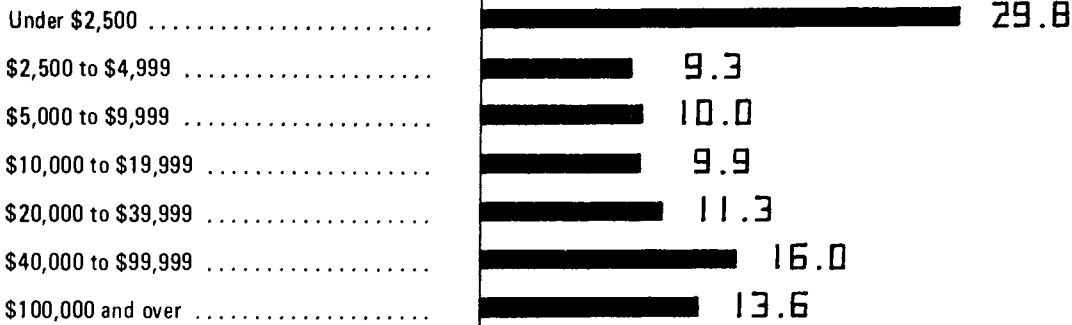
<sup>1</sup> Data apply only to individual or family operations (sole proprietorships) and partnerships.

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

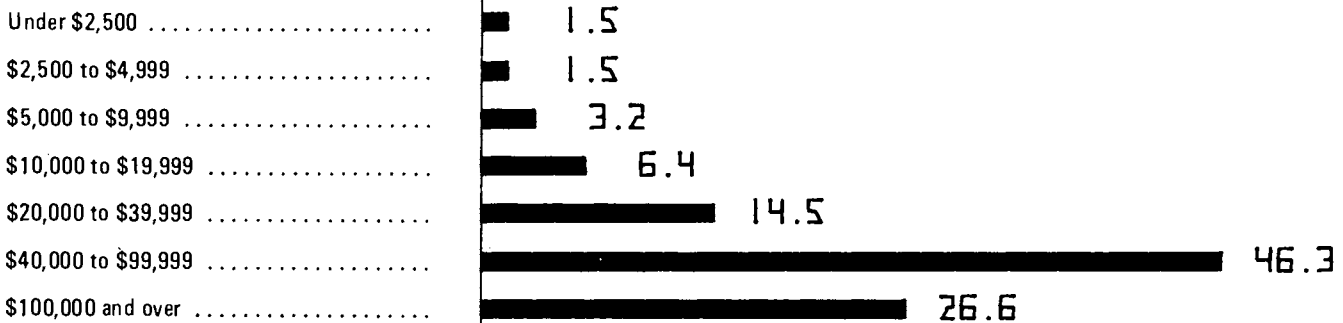
### ALL FARMS

PERCENT OF TOTAL FARMS

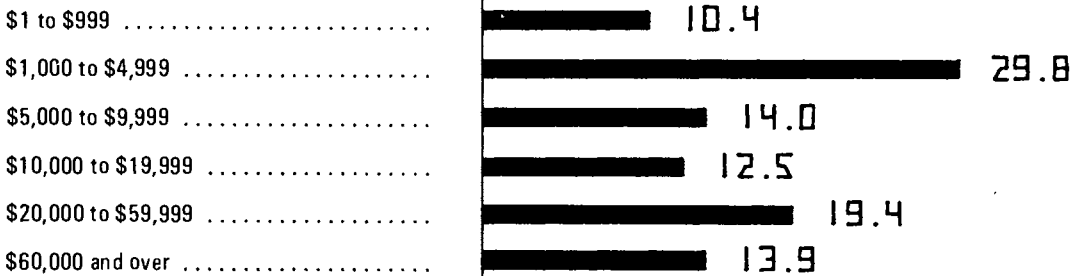
#### Farms by value of agricultural products sold:



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



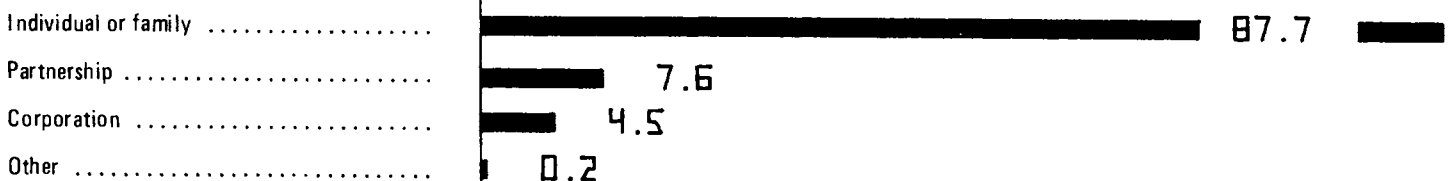
#### Farms by amount of total production expenses:



#### Sources of farm income:



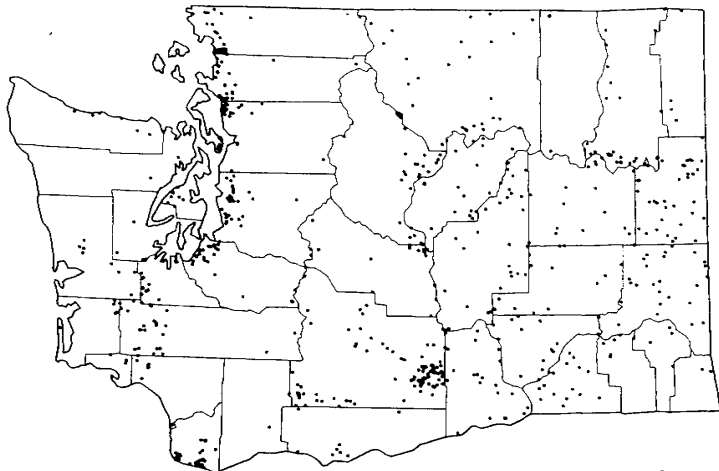
#### Type of organization for farms with sales of \$2,500 and over:



<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**

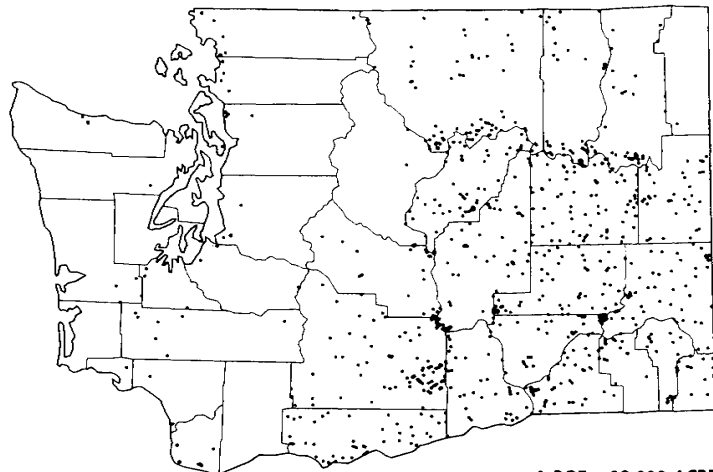


1 DOT = 50

74 - 1WA

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**LAND IN FARMS: 1974**

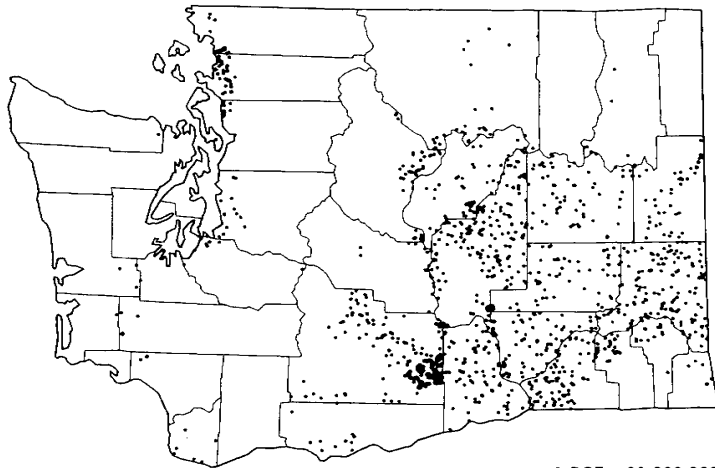


1 DOT = 20,000 ACRES

74 - 2WA

U.S. Department of Commerce  
Bureau of the Census

**VALUE OF CROPS SOLD: 1974**

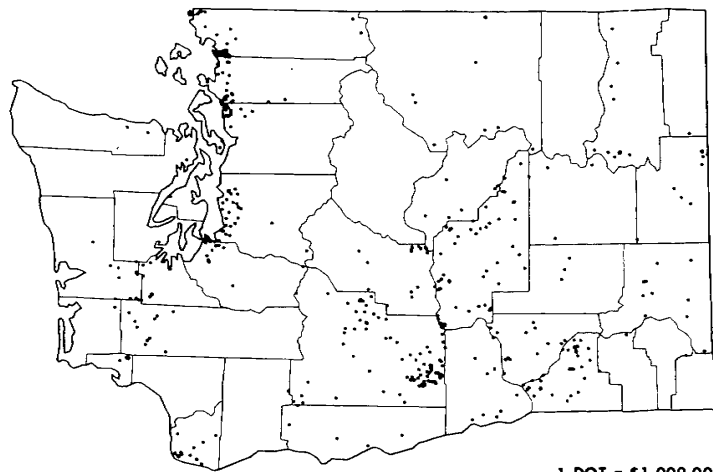


1 DOT = \$1,000,000

74 - 3WA

U.S. Department of Commerce  
Bureau of the Census

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

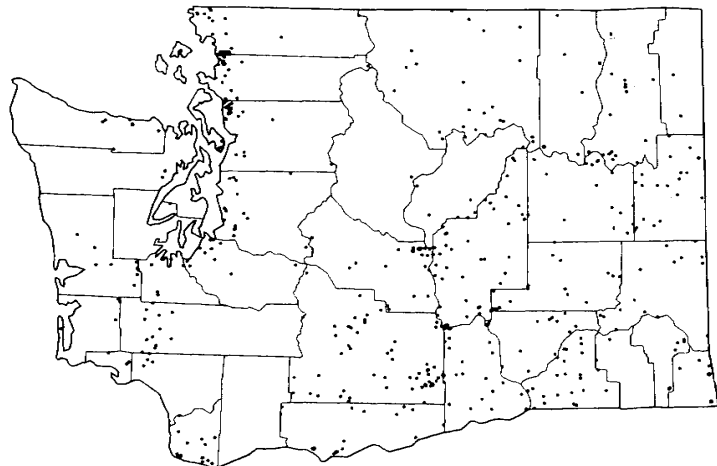


1 DOT = \$1,000,000

74 - 4WA

U.S. Department of Commerce  
Bureau of the Census

**CATTLE AND CALVES: 1974**

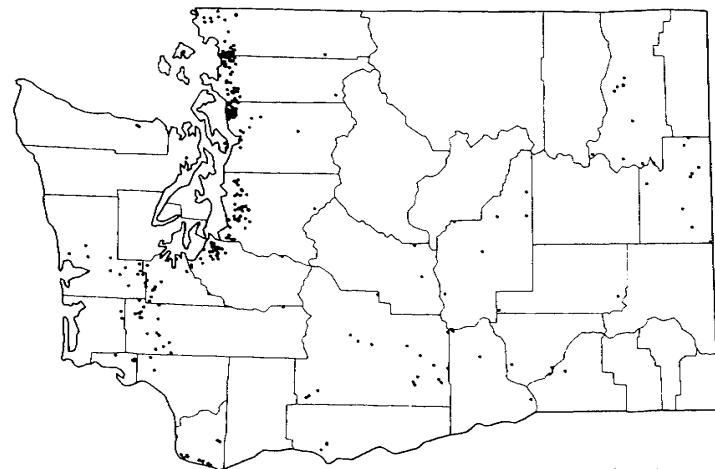


1 DOT = 2,500

74 - 5WA

U.S. Department of Commerce  
Bureau of the Census

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

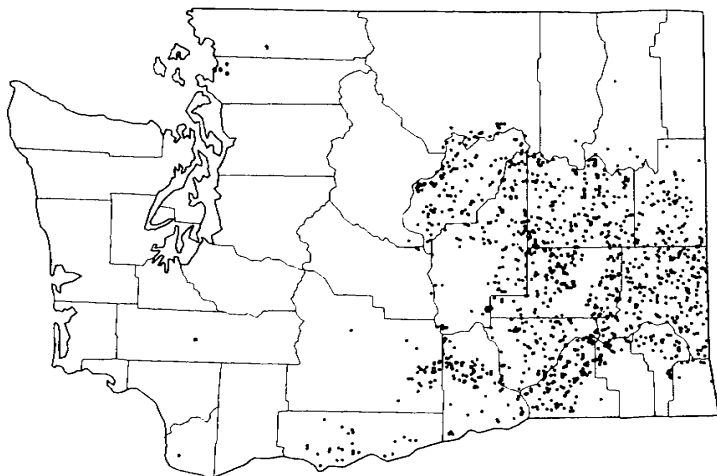


1 DOT = \$500,000

74 - 6WA

U.S. Department of Commerce  
Bureau of the Census

**WHEAT HARVESTED: 1974**

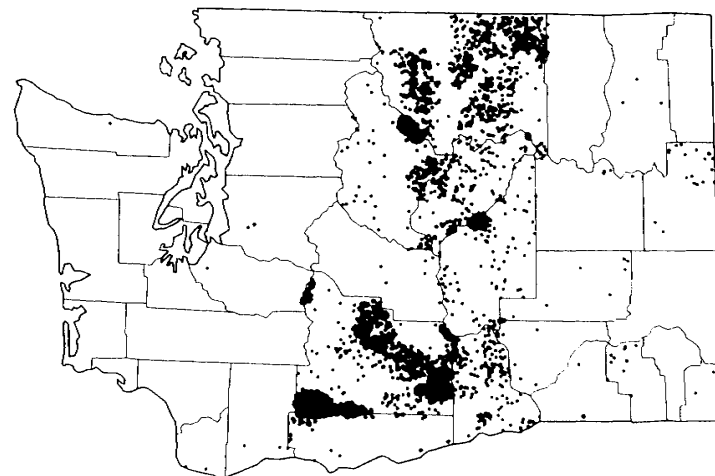


1 DOT = 2,500 ACRES

74 - 10WA

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Bureau of the Census

**APPLES - ACRES IN TREES: 1974  
(FARMS WITH SALES OF \$2,500 AND OVER)**



1 DOT = 25 ACRES

74 - 21WA

U.S. Department of Commerce  
Bureau of the Census

# WASHINGTON

## Counties, County Seats, Mountains, and Rivers

