

Volume 1 Part 41 South Dakota State and County Data

1974 Census of Agriculture

Issued May 1977



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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 The statistics printed in these reports are superseded by those in the final reports, Volumes I through IV.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 1* 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 minumum 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)

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

	BY 1974 DEFINITION				BY 1959 DEFINITION				AGRICULTURAL OPERATIONS EXCLUDED BY 1974 DEFINITION BUT NOT BY 1959 DEFINITION			
COUNTY	NUMBER		VALUE OF AGRICULTURAL PRODUCTS SOLD (\$1,000)		NUMBER		VALUE OF AGRICULTURAL PRODUCTS SOLD (\$1,000)		NUMBER		VALUE OF AGRICUL- TURAL PRODUCTS SOLD (\$1,000)	
	1974	1969	1974	1969	1974	1969	1974	1969	1974	1969	1974	1969
SOUTH DAKOTA, TOTAL	42 825	43 391	1 660 167	957 050	43 722	45 726	1 660 442	958 002	897	2 335	274	952
AURORA. BEADLE. BENNETT BON HOMME BROOKINGS	541 1 053 278 992 1 221	557 1 074 269 1 006 1 248	20 666 40 987 11 404 29 201 41 306	12 026 27 223 6 778 19 \$07 22 226	549 1 077 293 1 004 1 244	589 1 132 291 1 043 1 313	20 668 40 992 11 410 29 203 41 313	12 041 27 250 6 785 19 923 22 253	8 24 15 12 23	32 58 22 37 65	2 5 6 2 7	15 27 7 16 26
BROWN	1 347 482 102 489 439	1 297 512 105 479 421	69 156 20 180 5 406 18 268 12 353	35 378 13 129 3 662 14 182 8 814	1 391 488 102 507 456	1 406 528 105 508 433	69 168 20 182 5 406 18 269 12 359	35 415 13 136 3 662 14 194 8 817	44 6 18 17	109 16 29 12	12 2 - 2 7	37 7 12 3
CHARLES MIX	1 088 804 683 766 490	1 118 850 712 788 492	43 149 27 332 36 328 26 059 17 231	24 497 15 158 22 017 16 894 10 736	1 112 321 695 782 494	1 182 883 745 853 510	43 155 27 337 36 332 26 067 17 233	24 512 15 168 22 030 16 917 10 740	24 17 12 16 4	64 33 33 65 18	5 6 3 8 1	25 10 13 23 4
CUSTER DAVISON DAV DEUEL DEUEL DEWEY	266 552 1 018 815 389	264 559 1 010 871 360	4 608 19 139 27 332 25 023 10 439	4 218 11 921 15 191 13 317 6 910	280 562 1 038 825 395	306 608 1 077 898 373	4 613 19 142 27 337 25 024 10 440	4 230 11 939 15 215 13 329 6 919	14 10 20 10 6	42 49 67 27 13	4 3 5 1 1	12 18 24 12 9
DOUGLAS	572 657 323 472 885	610 670 316 480 864	20 167 25 059 32 593 19 081 31 753	11 330 12 492 5 136 10 957 16 975	580 676 329 485 891	637 691 327 509 909	20 173 25 070 32 594 19 087 31 754	11 343 12 500 5 138 10 970 16 993	8 19 6 13 6	27 21 11 29 45	6 11 (Z) 6 1	13 8 2 13 18
GREGORY HAAKON. HAMLIN. HAND. HAND.	774 306 678 676 499	800 352 686 755 544	22 430 17 560 22 219 32 156 17 149	14 447 9 247 12 247 19 051 9 891	794 306 594 584 512	835 364 715 785 559	22 435 17 560 22 224 32 159 17 156	14 462 9 250 12 261 19 065 9 897	20 16 8 13	35 12 29 30 15	5 5 3 7	15 4 14 14 6
HARDING HUGHES HUTCHINSON HYDE JACKSON	348 251 1 266 272 170	319 277 1 295 275 139	11 971 10 515 43 384 11 530 6 259	8 118 6 106 26 139 6 860 3 287	352 261 1 275 272 173	332 288 1 328 281 141	11 971 10 518 43 385 11 530 6 260	8 125 6 111 26 157 6 862 3 289	4 10 9 - 3	13 11 33 6 2	32	6 4 18 2 1
JERAULD JONES KINGSBURY LAKE LAWRENCE	404 233 844 852 249	409 238 904 857 232	14 952 10 351 36 204 33 949 4 850	8 337 5 093 19 673 17 464 3 655	415 239 877 869 264	447 246 965 907 263	14 954 10 363 36 218 33 953 4 851	8 353 5 085 19 698 17 487 3 670	11 6 33 17 15	38 8 61 50 31	2 2 14 4 1	17 26 23 15
LINCOLN LYMAN . MARSHALL. MCCOOK. MCCPHERSON	1 269 492 636 864 611	1 257 497 673 891 688	47 886 24 423 28 628 25 931 20 707	29 283 11 990 20 604 14 714 13 996	1 303 500 653 872 622	1 324 518 716 940 726	47 899 24 424 28 633 25 934 20 709	29 310 11 998 20 621 14 735 14 010	34 8 17 8 11	67 21 43 49 38	13 1 4 3 2	28 8 17 21 14
MEADE MELLETTE MINRER MINNENAHA MOODY	801 268 587 1 596 873	737 261 641 1 588 893	23 950 10 407 16 112 63 236 37 789	18 944 7 107 9 358 43 861 20 078	321 275 597 1 649 889	800 275 689 1 695 931	23 955 10 410 16 115 63 251 37 795	18 977 7 114 9 376 43 908 20 092	20 7 10 53 16	63 14 48 107 38	5 3 14 6	33 7 18 47 14
PENNINGTON PERKINS POTTER ROBERTS SANBORN	601 714 397 1 336 563	613 621 397 1 323 547	17 605 24 284 25 030 42 244 19 797	10 361 13 314 13 312 20 531 10 977	626 720 403 1 362 576	700 651 410 1 397 571	17 615 24 287 25 034 42 252 19 803	10 393 13 325 13 318 20 561 10 988	25 6 26 13	87 30 13 74 24	11 3 8 6	32 11 6 30 11
SHANNON	152 999 187 315 289	139 1 024 184 335 283	5 530 49 398 16 341 30 979 11 735	3 586 25 027 7 739 10 317 8 117	154 1 016 191 319 290	153 1 068 190 342 294	5 530 49 391 16 342 30 980 11 735	3 591 25 046 7 740 10 319 8 123	2 17 4 4	14 44 6 7 11	(Z) 3 (Z)	5 19 1 2 5
TRIPP TURNER UNION WALWORTH WASHABAUGH YANKTON ZIEBACH	865 1 319 831 444 142 877 251	883 1 290 899 408 163 921 221	31 200 51 710 38 749 14 915 6 172 37 315 8 397	20 742 28 841 23 455 8 056 3 642 22 380 6 046	876 1 342 841 453 142 909 258	914 1 343 949 444 167 979 228	31 204 51 715 38 752 14 917 6 172 37 326 8 401	20 757 28 868 23 470 8 073 3 673 22 406 6 048	11 23 10 9 - 32 7	31 53 50 36 4 58 7	4 5 3 2 - 11 4	15 27 15 16 1 26 2

1974 Consus of Paricoliure

HIGHLIGHTS of the State's Agriculture: 1974 and 1969

	All Farms		Farms with sales of \$2,500 and over			
	1974	1969 ¹	1974	1969		
Number of farms	42 825	45 726	39 818	40 470		
Acres in farms	45 977 776	45 584 164	40 198 818	39 584 777		
per farm. ,	1 074	997	1 010	978		
Acres of harvested cropland	14 854 873 347	12 634 488 276	14 782 260 371	12 468 296 308		
Number of farms by size:						
1 to 49 acres	3 329	3 295	1 982	1 212		
50 to 499 acres	19 036	21 826	17 560	19 0 10		
500 acres and over	20 460	20 605	20 276	20 248		
1,000 acres and over	10 533	10 07 1	10 443	9 930		
Value of land and buildings total	6 655 652 000	3 814 776 000	6 257 795 000	3 532 275 000		
per farm	155 415	83 427	157 160	87 281		
Value of machinery and equipment on farms	1 168 895 000	587 743 000	1 141 427 000	568 600 000		
per farm	27 295	12 854	28 666	14 050		
Machinery and equipment on farms-specified items (number):						
Automo biles	52 704	54 937	50 070	50 221		
Motortrucks, including pickups	65 092	57 737	62 563	54 270		
Tractors, excluding garden tractors and motor tillers	114 546	111 532	110 765	106 016		
Value of all agricultural products sold total	1 660 167 000	958 002 000	1 654 193 000	950 454 000		
per farm	38 766	20 951	41 544	23 485		
Crops	598 401 000 13 973	212 626 000 4 650	596 706 000 14 986	209 965 000		
Livestock, poultry, and their products	1 061 683 000	745 335 000	1 057 416 000	5 188 740 448 000		
per farm	24 791	16 <u>3</u> 00	26 556	18 296		
Number of farms, excluding abnormal farms, by value of agricultural product sold:						
Under \$2,500	3 231	5 529	300	329		
\$2,500 and over	39 518	40 14 1	39 518	40 14 1		
\$2,500 to \$9,999	7 442	12 324	7 442	12 324		
\$10,000 to \$39,999	19 692	23 216	19 692	23 216		
\$40,000 to \$99,999	9 804	3 818	9 804	3 818		
\$100,000 to \$199,999	1 903	549	1 903	549		
\$200,000 and over	677	234	677	234		
Value of agricultural products sold by farms, excluding abnormal farms, having sales of-						
Under \$2,500	4 056 000	6 419 000	441 000	483 000		
\$2,500 and over	1 653 752 000	949 970 000	1 653 752 000	949 970 000		
\$2,500 to \$9,999	45 869 000	76 254 000	45 869 000	76 254 000		
\$10,000 to \$39,999	453 152 000	471 207 000	453 152 000	471 207 000		
\$40,000 to \$99,999	590 459 000	220 005 000	590 459 000	220 005 000		
\$100,000 to \$199,999	252 158 000	C	252 158 000	220 005 000		
\$200,000 and over	312 115 000	▶ 182 505 000	312 115 000 }	182 505 000		
Farm production expenses—specified items:			2			
Commercially mixed formula feeds	102 304 000	52 179 000	101 173 000	51 687 000		
Commercial fertilizer	60 964 000	21 557 000	60 781 000	21 362 000		
Gasoline and other petroleum fuel and oil for the farm business	86 798 000	54 632 000	86 020 000	53 310 000		
Farm labor, contract labor, machine hire and customwork	77 786 000	52 411 000	76 998 000	51 320 000		
_						

¹Not fully comparable because of change in farm definition; see introduction.

FARMS WITH SALES OF PERCENT DECREASE PERCENT INCREASE \$2,500 AND OVER Т Т Т -1.6 Number of farms total... 1.6 Acres in farms total.. E.E per farm, . Acres of harvested cropland total.. 18.6 20.5 per farm. . Number of farms by size: 63.5 1 to 49 acres -7.6 50 to 499 acres -4.7 500 to 999 acres 1,000 to 1,999 acres ∎ **∃**.7 17.3 2,000 acres and over 77.2 Value of land and buildings total.. ΠП per farm. . per acre. . Value of all agricultural products 74.D 6.9 per farm. 184.21 Crops total.. 188.9 per farm, . Livestock, poultry, and 42.8 their products total.. 45.1 per farm. . Number of farms by value of agricultural products sold: -8.8 🔳 Under \$2,500 -1.6 \$2,500 and over -39.61 \$2,500 to \$9,999 -15.2 \$10,000 to \$39,999 156.81 \$40,000 to \$99,999 229.5 \$100,000 and over 40 30 20 10 0 10 20 30 40 60 50 50 60

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

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

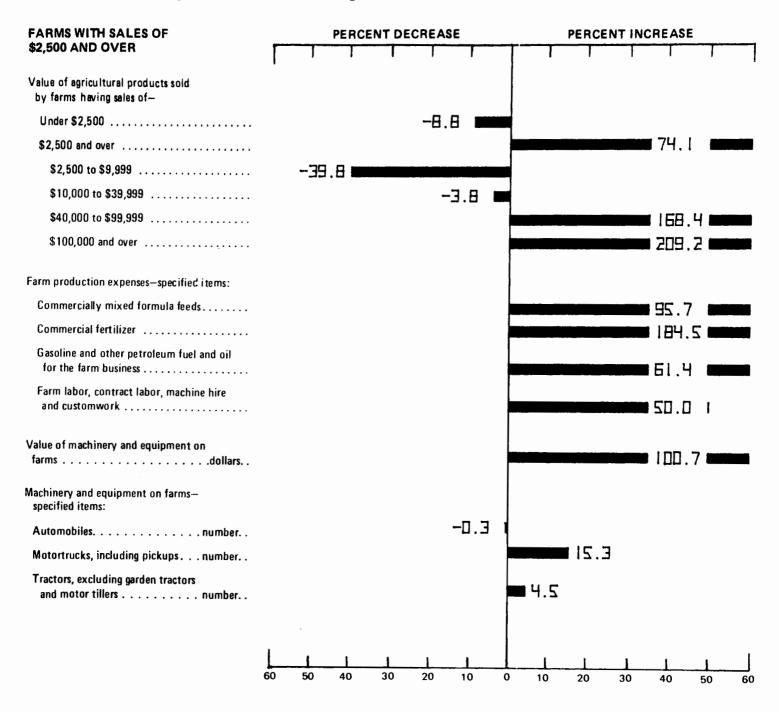
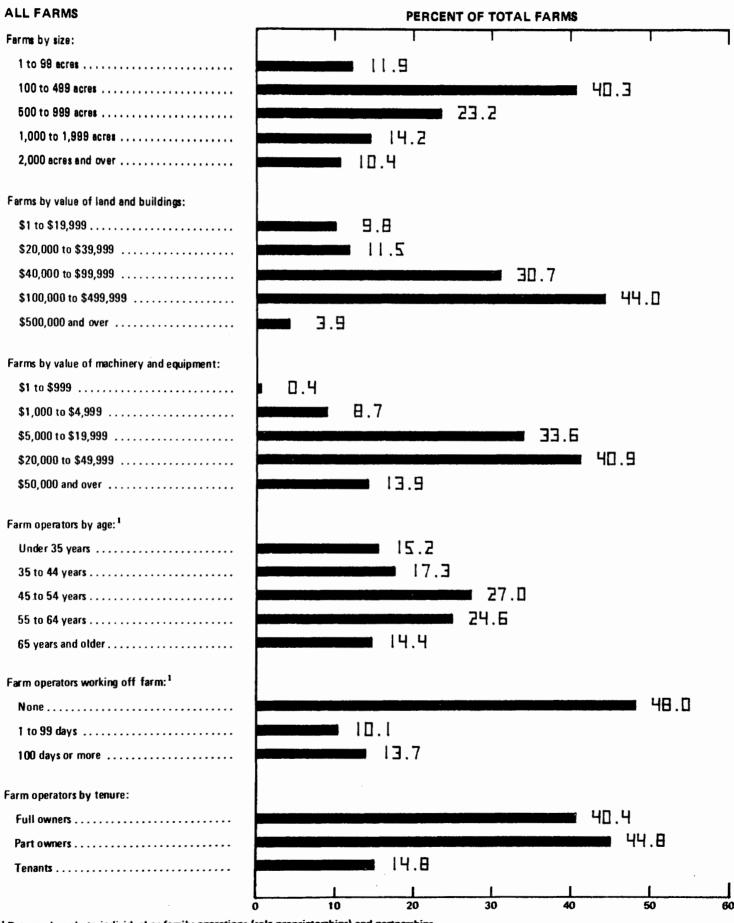


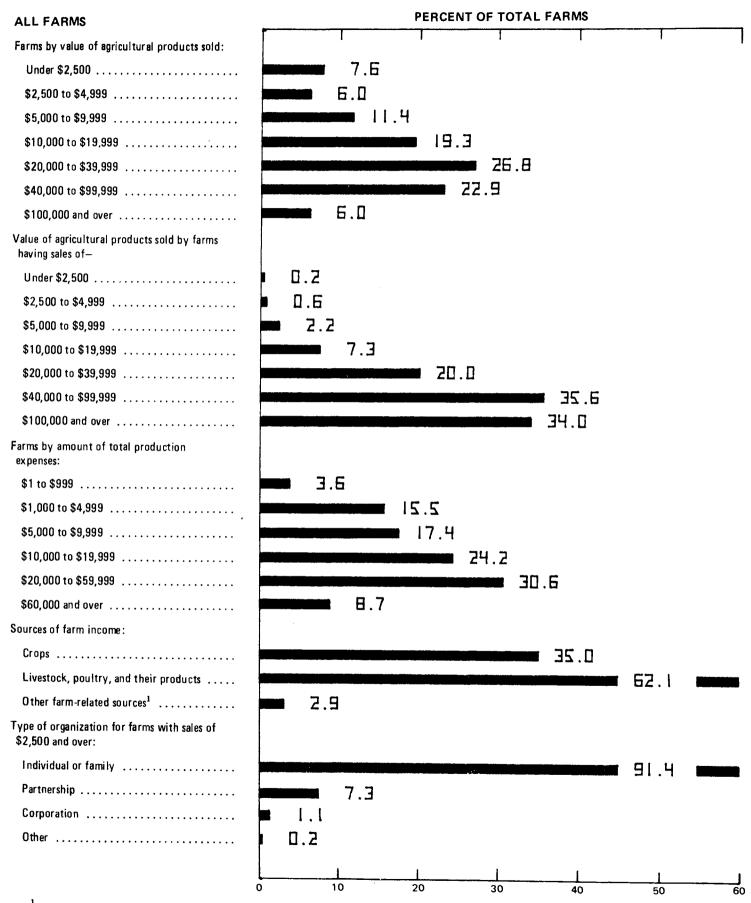
CHART 2. Profile of the State's Agriculture: 1974



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

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



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.

