

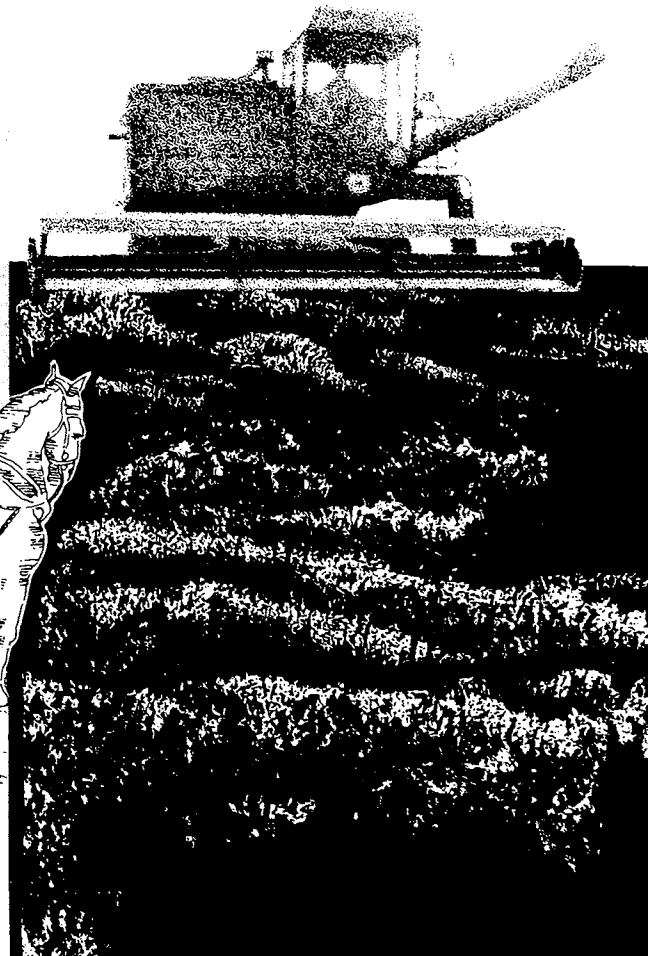
1974 Census of Agriculture

U.S. Department of Commerce
BUREAU OF THE CENSUS

Volume I Part 31

New Mexico

State and
County Data



1974
Census
of
Agriculture

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**New
Mexico**
State and
County Data



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 *The statistics printed in these reports are superseded by those in the final reports, Volumes I through IV.*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

CONTENTS

	Page
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	XVI
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—Cotton Harvested: 1974	XIX
Map—Sorghums Harvested for Grain or Seed: 1974	XIX
Map—Sheep and Lambs: 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
3. Farm Operators—Tenure and Characteristics: 1974, 1969, and 1964	I-2
4. Farm Income and Sales: 1974, 1969, and 1964	I-2
5. Farm Production Expenses: 1974, 1969, and 1964	I-3
6. Selected Machinery and Equipment on Place: 1974, 1969, and 1964	I-4
7. Livestock and Poultry—Inventory and Sales: 1974, 1969, and 1964	I-4
8. Crops Harvested and Value of Production: 1974, 1969, and 1964	I-5
9. Summary by Occupation and Age: 1974	I-5

Farms With Sales of \$2,500 and Over

TABLE 10. Farms, Land in Farms, and Land Use: 1974, 1969, and 1964	I-11
11. Farms, Land in Farms, and Land Use, by Size of Farm: 1974, 1969, and 1964	I-11
12. Irrigation, Artificial Drainage, and Artificial Ponds: 1974 and 1969	I-12
13. Agricultural Chemicals Used: 1974 and 1969	I-12

Farms With Sales of \$2,500 and Over	Continued	Page
TABLE 14. Farm Operators—Tenure and Characteristics: 1974, 1969, and 1964		I-13
15. Value of Agricultural Products Sold: 1974 and 1969		I-13
16. Income From Sources Other Than Sale of Agricultural Products: 1974 and 1969		I-14
17. Farm Production Expenses: 1974, 1969, and 1964		I-14
18. Farm Payroll and Employment: 1974, 1969, and 1964		I-16
19. Machinery and Equipment on Place: 1974, 1969, and 1964		I-16
20. Poultry—Inventory and Sales: 1974 and 1969		I-17
21. Cattle and Calves—Inventory and Sales: 1974 and 1969		I-18
22. Hogs and Pigs—Inventory and Sales: 1974 and 1969		I-20
23. Sheep and Lambs—Inventory and Sales: 1974 and 1969		I-21
24. Other Livestock and Livestock Products—Inventory and Sales: 1974 and 1969		I-21
25. Selected Crops Harvested: 1974, 1969, and 1964		I-22
26. Value of Agricultural Products Sold by Commodity Group and Total Value of Sales: 1974		I-25
27. Contracts: 1974		I-26
28. Summary by Tenure of Farm Operator and Type of Organization: 1974		I-28
29. Summary by Age and Principal Occupation of Farm Operator: 1974		I-36
30. Summary by Size of Farm: 1974		I-52
31. Summary by Value of Agricultural Products Sold: 1974		I-68
32. Summary by Standard Industrial Classification of Farms: 1974		I-76
33. Summary by Standard Industrial Classification of Farms by Value of Sales: 1974		
Cash grain farms		I-92
Cotton farms		(Not shown)
Tobacco farms		(Not shown)
Sugar crop, Irish potato, hay, peanut, and other field crop farms		I-100
Vegetable and melon farms		(Not shown)
Fruit and tree nut farms		(Not shown)
Horticultural specialty farms		(Not shown)
General farms, primarily crop		(Not shown)
Livestock farms, except dairy, poultry, and animal specialty		I-108
Dairy farms		(Not shown)
Poultry and egg farms		(Not shown)
Animal specialty farms		(Not shown)
General farms, primarily livestock		(Not shown)
Farms not classified by SIC		(Not shown)

CHAPTER II. County Summary Data

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

CONTENTS Continued

CHAPTER II Continued		Page
TABLE 6.	Farms by Standard Industrial Classification for Farms With Sales of \$2,500 and Over: 1974	II-4
	7. Farms by Value of Agricultural Products Sold: 1974	II-5
	8. Market Value of Agricultural Products Sold: 1974	II-5
	9. Farm Production Expenses: 1974	II-6
	10. Farm Production Expenses by Item Purchased: 1974	II-7
	11. Machinery and Equipment: 1974	II-9
	12. Cattle and Calves—Inventory and Sales: 1974	II-9
	13. Hogs and Pigs—Inventory and Sales: 1974	II-12
	14. Sheep and Lambs—Inventory and Sales: 1974	II-13
	15. Poultry—Inventory and Sales: 1974	II-14
	16. Horses and Ponies—Inventory and Sales: 1974	II-16
	17. Field Corn for All Purposes: 1974	II-17
	18. Field Corn for Grain: 1974	II-17
	19. Sorghums for All Purposes, Except Sirup: 1974	II-18
	20. Sorghums for Grain: 1974	II-18
	21. Wheat for Grain: 1974	II-19
	22. Soybeans: 1974	II-19
	23. Hay, Excluding Sorghum Hay: 1974	II-20
	24. Peanuts for Nuts: 1974	II-20
	25. Cotton: 1974	II-21
	26. Tobacco: 1974	II-21
	27. Irish Potatoes: 1974	II-22
	28. Vegetables, Sweet Corn, or Melons: 1974	II-22
	29. Berries: 1974	II-23
	30. Land in Orchards: 1974	II-23
	31. Farm Operator Debt for Farms With Sales of \$2,500 and Over: 1974	II-24
	32. Grain Storage Capacity for Farms With Sales of \$2,500 and Over: 1974	II-24
	33. Characteristics of Farms and Specified Excluded Agricultural Operations: 1974.....	II-25

CHAPTER III. County Miscellaneous Data

TABLE 1.	Miscellaneous Poultry: 1974	III-1
	2. Miscellaneous Livestock and Animal Specialties: 1974	III-1
	3. Mink: 1974	III-2
	4. Colonies of Bees: 1974	III-2
	5. Angora Goats: 1974	III-2
	6. Milk Goats: 1974	III-2
	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
	10. Vegetables Harvested for Sale: 1974	III-5
	11. Fruits and Nuts: 1974	III-7
	12. Forest Products—Sales: 1974	III-8
	13. Nursery and Greenhouse Products: 1974	III-8
	14. Farm Operators by Selected Racial and Ethnic Group: 1974	III-9

CONTENTS Continued

CHAPTER IV. County Data (The following tables are common to each county)

	Page
TABLE 1. Farms, Land in Farms, and Land Use: 1974 and 1969	IV-1
2. Farm Operators—Tenure and Characteristics: 1974 and 1969	IV-1
3. Market Value of Agricultural Products Sold: 1974 and 1969	IV-2
4. Income From Sources Other Than Sale of Agricultural Products: 1974 and 1969	IV-2
5. Farm Production Expenses: 1974 and 1969	IV-2
6. Machinery and Equipment on Place: 1974 and 1969	IV-3
7. Cattle and Calves—Inventory and Sales: 1974 and 1969	IV-3
8. Hogs, Sheep, Goats, and Horses—Inventory and Sales: 1974 and 1969	IV-4
9. Poultry—Inventory and Sales: 1974 and 1969	IV-4
10. Crops: 1974 and 1969	IV-5
11. Irrigation and Commercial Fertilizer on Pastureland and Harvested Crops for Farms With Sales of \$2,500 and Over: 1974 and 1969	IV-5
12. Agricultural Chemicals Used and Cost of Materials for Farms With Sales of \$2,500 and Over: 1974 and 1969	IV-6
13. Irrigation, Artificial Drainage, and Artificial Ponds for Farms With Sales of \$2,500 and Over: 1974 and 1969	IV-6
14. Farm Credit for Farms With Sales of \$2,500 and Over: 1974	IV-6
15. Payroll and Employment for Farms With Sales of \$2,500 and Over: 1974 and 1969	IV-6
New Mexico	IV-1
Bernalillo	IV-7
Catron	IV-13
Chaves	IV-19
Colfax	IV-25
Curry	IV-31
De Baca	IV-37
Dona Ana	IV-43
Eddy	IV-49
Grant	IV-55
Guadalupe	IV-61
Harding	IV-67
Hidalgo	IV-73
Lea	IV-79
Lincoln	IV-85
Los Alamos	(1)
Luna	IV-91
McKinley	IV-97
Mora	IV-103
Otero	IV-109
Quay	IV-115
Rio Arriba	IV-121
Roosevelt	IV-127
Sandoval	IV-133
San Juan	IV-139
San Miguel	IV-145
Santa Fe	IV-151
Sierra	IV-157
Socorro	IV-163
Taos	IV-169
Torrance	IV-175
Union	IV-181
Valencia	IV-187

¹ Not shown separately to avoid disclosing data for individual farms. However, the data for the county are included in the State totals.

APPENDIXES

A. General Explanation	A-1
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 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

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
NEW MEXICO, TOTAL	11 282	9 377	521 693	357 925	12 611	11 641	522 053	358 831	1 329	2 264	360	906
BERNALILLO	234	181	15 141	10 346	309	304	15 171	10 392	75	123	30	47
CATRON	189	192	4 634	4 163	198	205	4 635	4 170	9	13	1	6
CHAVES	517	466	84 146	63 116	552	531	84 159	63 144	35	65	13	28
COLFAX	265	254	11 953	8 266	279	295	11 955	8 282	14	41	2	16
CURRY	636	708	59 479	30 967	686	807	59 490	30 999	50	99	11	33
DE BACA	177	179	6 562	5 073	197	208	6 574	5 087	20	29	12	14
DONA ANA	767	600	53 694	32 086	877	768	53 746	32 163	110	168	52	77
EDDY	444	409	27 737	19 132	491	462	27 747	19 153	47	53	10	21
GRANT	199	187	3 600	4 296	216	245	3 603	4 314	17	58	3	19
GUADALUPE	242	163	8 760	9 051	255	197	8 762	9 067	13	34	2	17
HARDING	175	189	5 415	4 285	181	207	5 417	4 294	6	18	3	8
HIDALGO	145	147	8 645	6 340	161	151	8 645	6 341	16	4	1	1
LEA	512	505	24 710	13 099	563	611	24 725	13 154	51	106	15	54
LINCOLN	266	239	6 931	6 212	318	282	6 936	6 226	52	43	5	14
LOS ALAMOS	5	(D)	131	(D)	7	(D)	132	(D)	2	6	1	2
LUNA	241	233	17 810	9 806	247	239	17 811	9 807	6	6	1	1
MCKINLEY	119	113	4 258	2 746	143	143	4 265	2 758	24	30	8	12
HORA	267	143	5 175	3 782	283	206	5 175	3 812	16	63	-	30
OTERO	294	225	5 670	3 879	323	305	5 679	3 906	29	80	9	27
QUAY	607	620	27 352	11 600	652	724	27 360	11 639	45	104	8	39
RIO ARRIBA	580	306	5 039	4 066	667	483	5 065	4 131	87	177	25	65
ROOSEVELT	905	963	38 344	29 043	963	1 051	38 353	29 074	58	88	9	31
SAN JUAN	407	286	5 585	4 057	488	484	5 609	4 123	81	198	24	66
SAN MIGUEL	487	259	7 933	7 650	530	344	7 944	7 690	43	85	11	39
SANDOVAL	243	141	3 421	2 789	324	219	3 443	2 822	81	78	22	33
SANTA FE	206	102	6 183	5 555	282	172	6 196	5 580	76	70	13	25
SIERRA	173	117	7 423	5 010	190	156	7 428	5 032	17	39	5	22
SOCORRO	321	212	7 623	5 702	382	255	7 646	5 726	61	43	23	24
TAOS	262	131	1 514	826	298	178	1 520	844	36	47	6	18
TORRANCE	355	307	8 192	6 527	389	378	8 196	6 547	34	71	4	20
UNION	416	419	38 580	30 783	435	463	38 586	30 799	19	44	7	15
VALENCIA	626	381	10 054	7 669	725	562	10 080	7 752	99	181	26	83

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 total	11 282	11 641	7 736	7 710
Acres in farms total	47 046 388	46 792 302	38 017 791	37 793 719
per farm	4 170	4 020	4 914	4 902
Acres of harvested cropland total	975 507	1 007 527	926 931	949 998
per farm	86	87	120	123
Number of farms by size:				
1 to 49 acres	2 757	2 781	1 005	778
50 to 499 acres	3 578	3 642	2 433	2 431
500 acres and over	4 947	5 218	4 298	4 501
1,000 acres and over	3 746	3 854	3 375	3 474
Value of land and buildings total	3 648 798 000	1 959 607 000	2 706 274 000	1 606 821 000
per farm	323 418	168 337	349 829	208 407
Value of machinery and equipment on farms total	230 893 000	123 688 000	200 682 000	107 899 000
per farm	20 466	10 625	25 941	13 995
Machinery and equipment on farms—specified items (number):				
Automobiles	10 565	10 865	7 548	7 594
Motortrucks, including pickups	20 011	18 781	16 002	14 311
Tractors, excluding garden tractors and motor tillers	17 021	15 998	13 511	13 095
Value of all agricultural products sold total	521 693 000	358 831 000	508 166 000	348 453 000
per farm	46 241	30 825	65 689	45 195
Crops total	158 398 000	77 222 000	153 788 000	74 813 000
per farm	14 040	6 634	19 879	9 703
Livestock, poultry, and their products total	362 853 000	280 369 000	354 055 000	273 579 000
per farm	32 162	24 085	45 767	35 484
Number of farms, excluding abnormal farms, by value of agricultural product sold:				
Under \$2,500	3 754	4 146	272	276
\$2,500 and over	7 464	7 434	7 464	7 434
\$2,500 to \$9,999	2 903	3 173	2 903	3 173
\$10,000 to \$39,999	2 536	2 876	2 536	2 876
\$40,000 to \$99,999	1 168	891	1 168	891
\$100,000 to \$199,999	456	318	456	318
\$200,000 and over	401	176	401	176
Value of agricultural products sold by farms, excluding abnormal farms, having sales of—				
Under \$2,500	4 303 000	3 864 000	343 000	305 000
\$2,500 and over	507 823 000	348 148 000	507 823 000	348 148 000
\$2,500 to \$9,999	15 642 000	17 289 000	15 642 000	17 289 000
\$10,000 to \$39,999	52 968 000	58 331 000	52 968 000	58 331 000
\$40,000 to \$99,999	73 582 000	54 215 000	73 582 000	54 215 000
\$100,000 to \$199,999	64 833 000		64 833 000	
\$200,000 and over	300 799 000	218 314 000	300 799 000	218 314 000
Farm production expenses—specified items:				
Commercially mixed formula feeds	46 611 000	19 849 000	45 704 000	19 287 000
Commercial fertilizer	16 166 000	7 452 000	15 812 000	7 160 000
Gasoline and other petroleum fuel and oil for the farm business	22 255 000	13 711 000	21 020 000	12 573 000
Farm labor, contract labor, machine hire and customwork	43 850 000	35 397 000	41 796 000	33 672 000

¹ 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

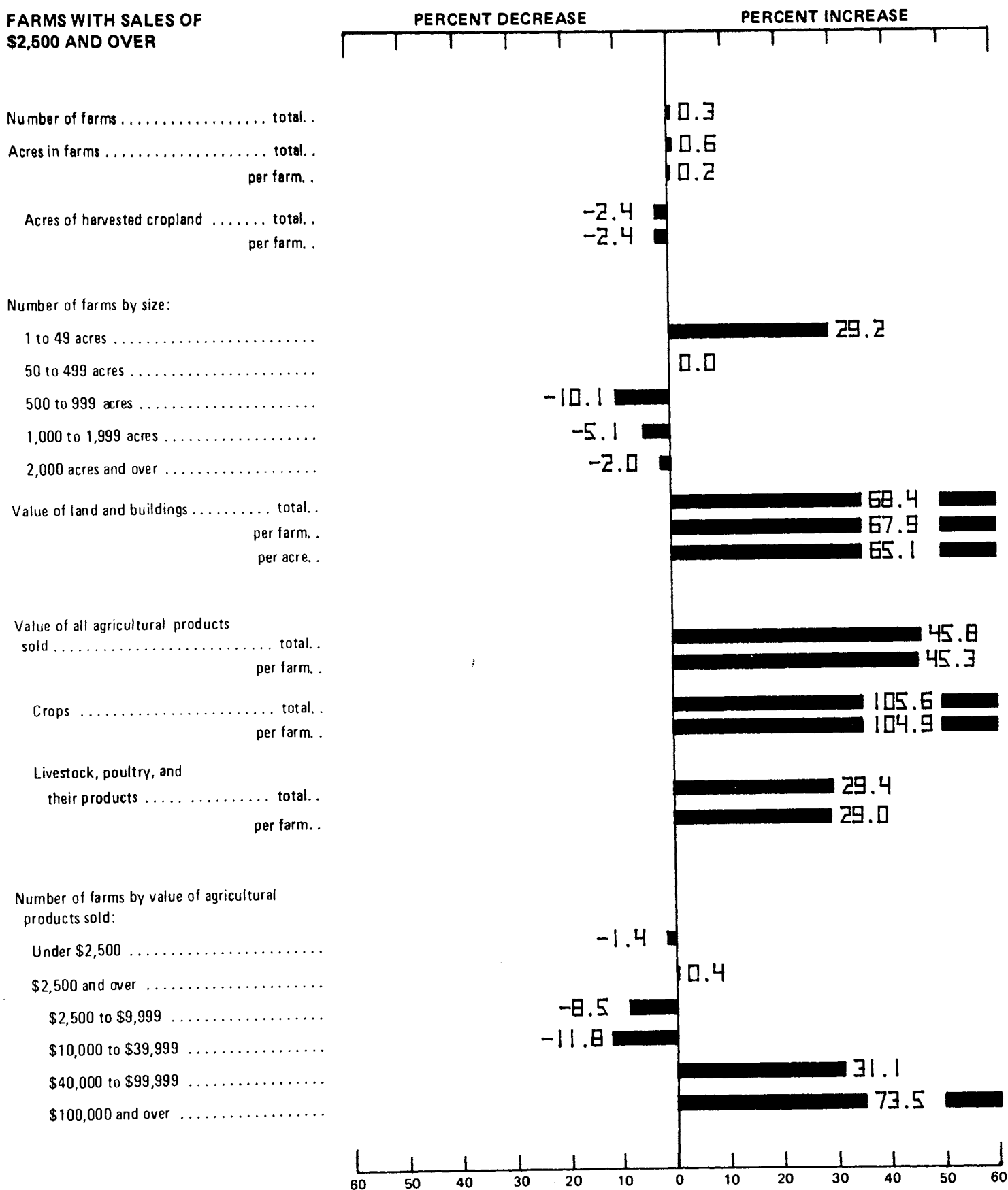


CHART 1. Changes in the State's Agriculture: 1974 From 1969—Continued

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

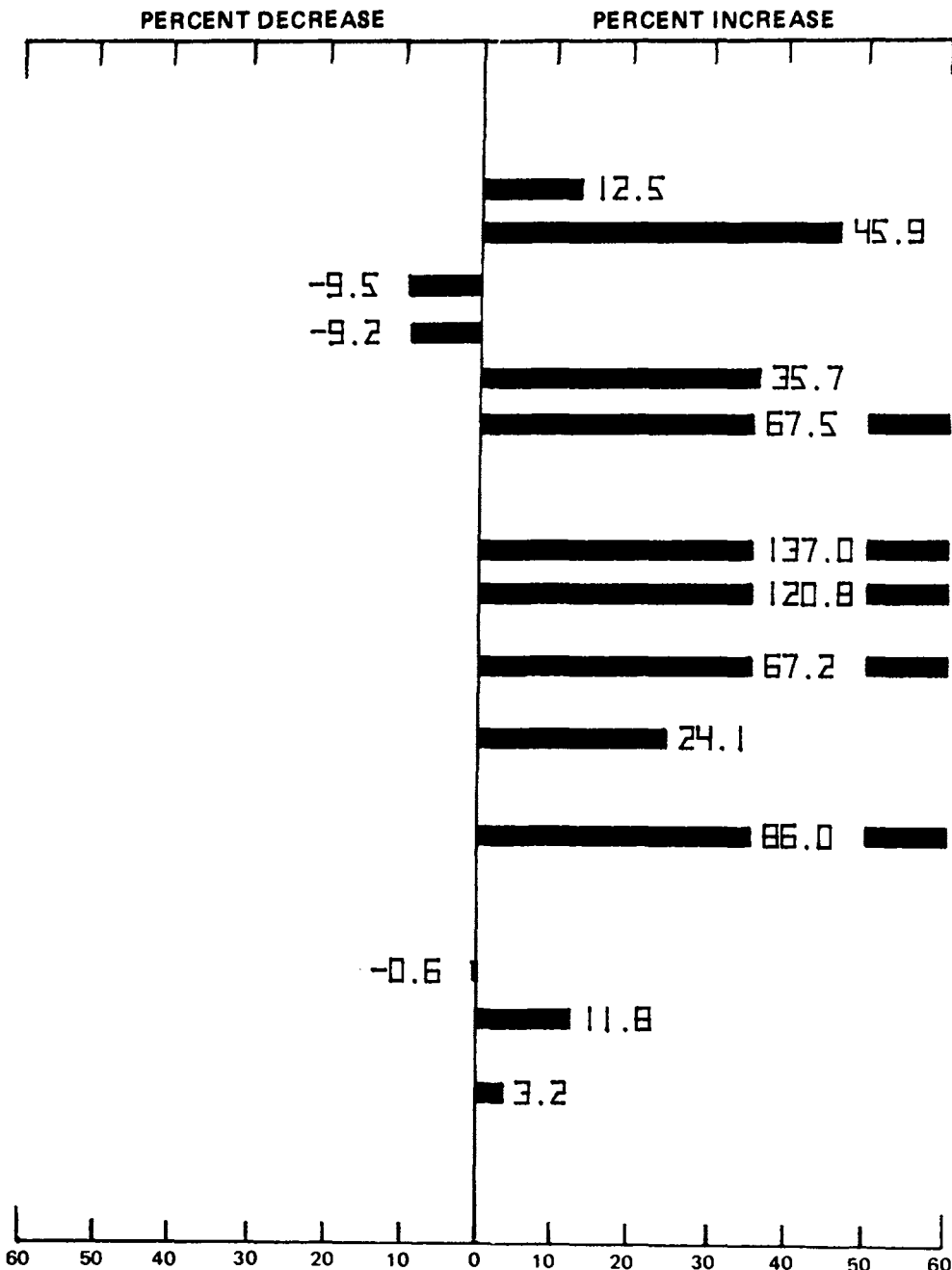
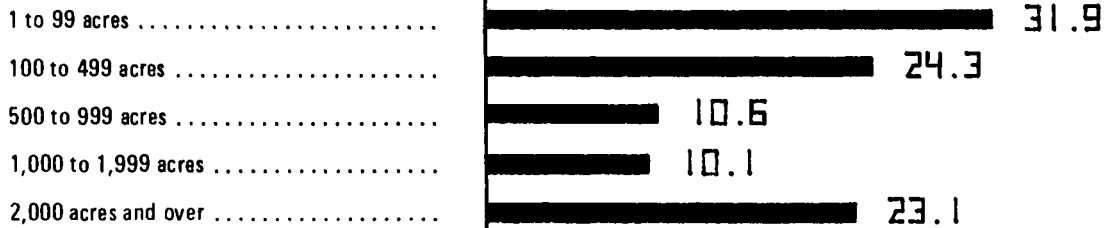


CHART 2. Profile of the State's Agriculture: 1974

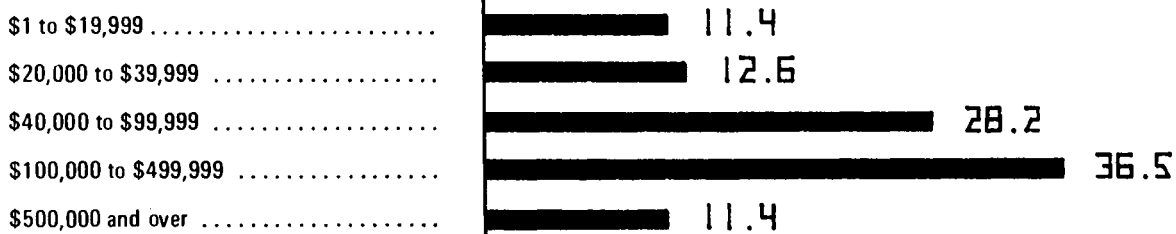
ALL FARMS

PERCENT OF TOTAL FARMS

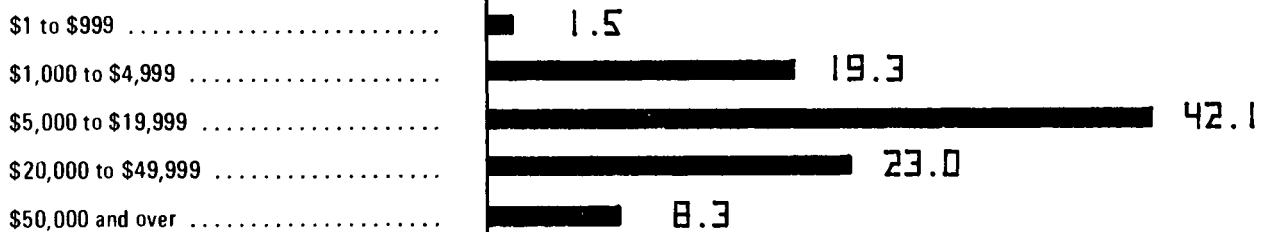
Farms by size:



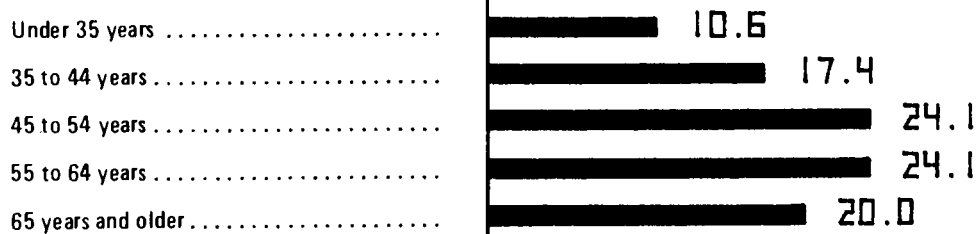
Farms by value of land and buildings:



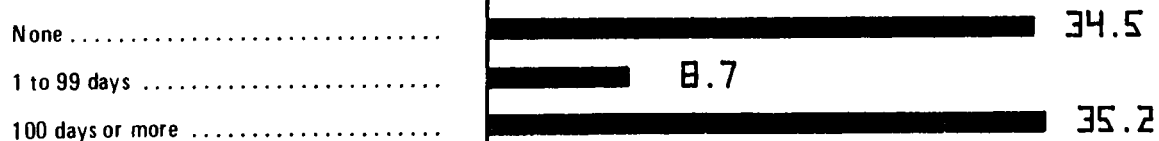
Farms by value of machinery and equipment:



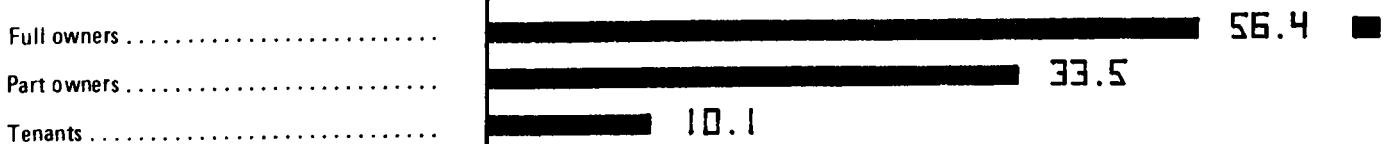
Farm operators by age:¹



Farm operators working off farm:¹



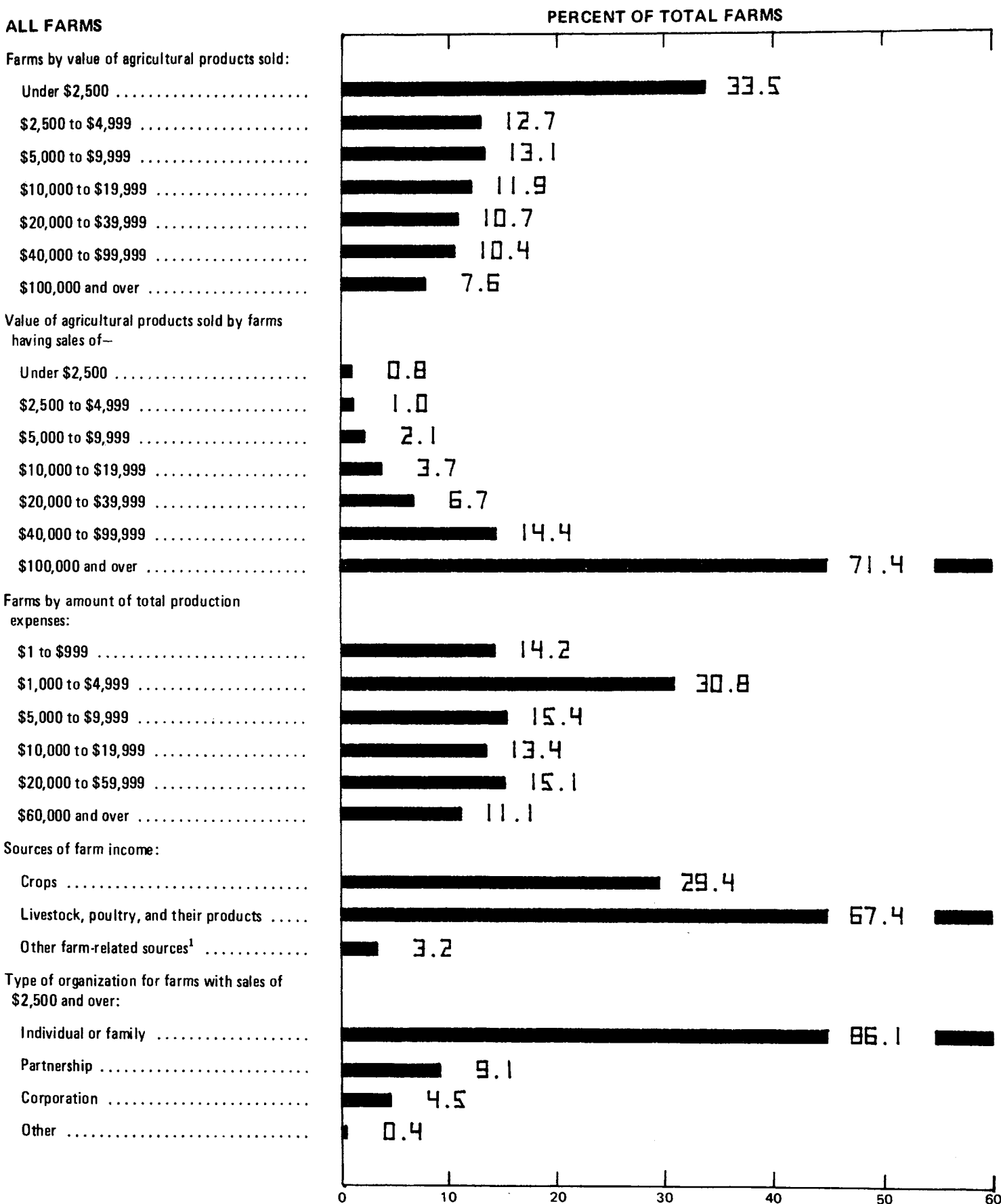
Farm operators by tenure:



0 10 20 30 40 50 60

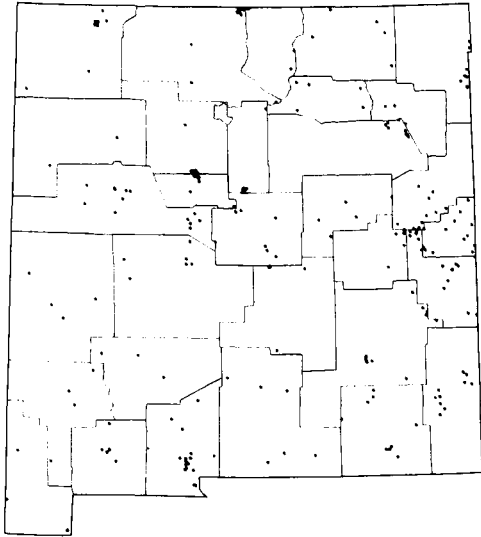
¹ Data apply only to individual or family operations (sole proprietorships) and partnerships.

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.

NUMBER OF FARMS: 1974

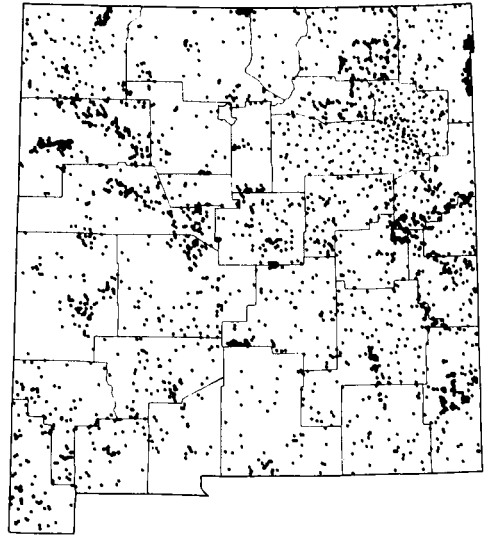


1 DOT = 50

74 - 1NM

U.S. Department of Commerce
Bureau of the Census

LAND IN FARMS: 1974

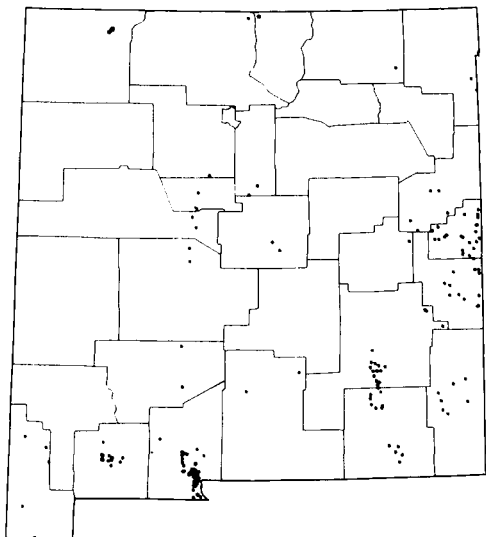


1 DOT = 20,000 ACRES

74 - 2NM

U.S. Department of Commerce
Bureau of the Census

VALUE OF CROPS SOLD: 1974

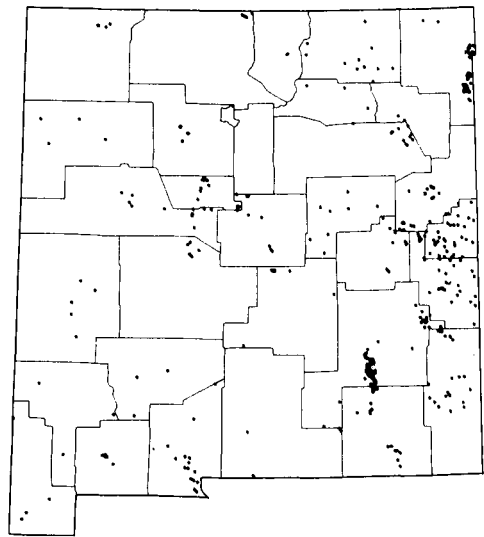


1 DOT = \$1,000,000

74 - 3NM

U.S. Department of Commerce
Bureau of the Census

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

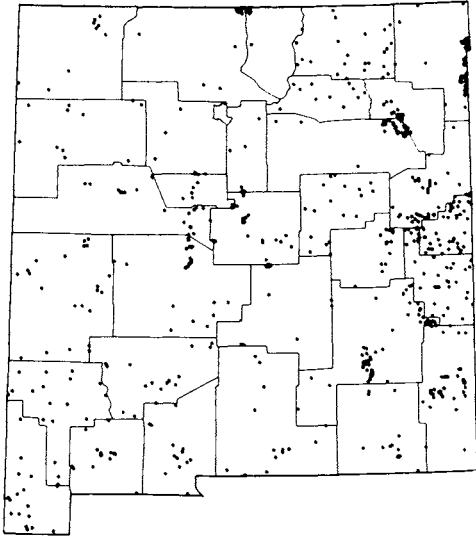


1 DOT = \$1,000,000

74 - 4NM

U.S. Department of Commerce
Bureau of the Census

CATTLE AND CALVES: 1974

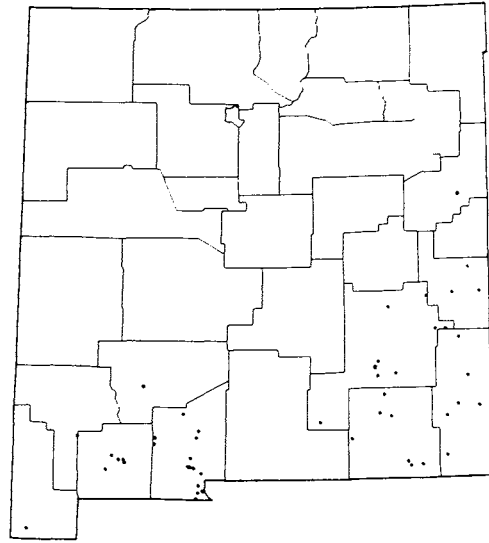


1 DOT = 2,500

74 - 5NM

U.S. Department of Commerce
Bureau of the Census

COTTON HARVESTED: 1974

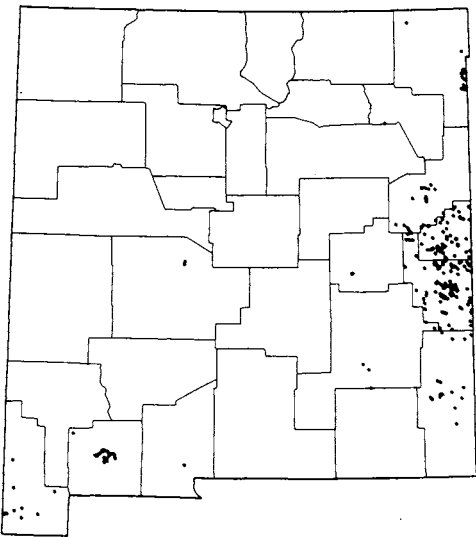


1 DOT = 3,000 ACRES

74 - 13NM

U.S. Department of Commerce
Bureau of the Census

SORGHUMS HARVESTED FOR GRAIN OR SEED: 1974

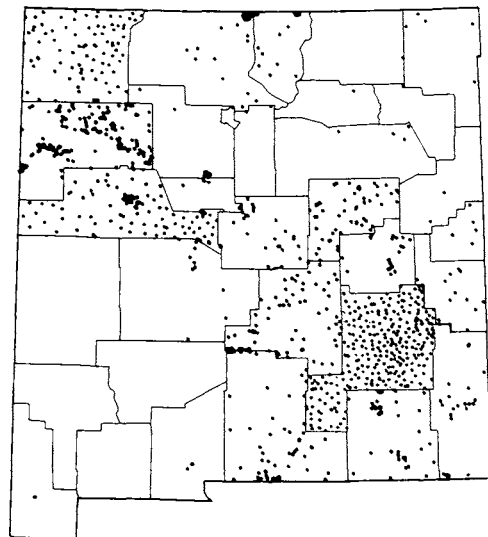


1 DOT = 1,000 ACRES

74 - 16NM

U.S. Department of Commerce
Bureau of the Census

SHEEP AND LAMBS: 1974



1 DOT = 500

74 - 19NM

U.S. Department of Commerce
Bureau of the Census

NEW MEXICO

Counties, County Seats, Mountains, and Rivers

