

# **CHAPTER III**

## **FARM FACILITIES, FARM EQUIPMENT**

(191)

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### Chapter III.—FARM FACILITIES, FARM EQUIPMENT

**Introduction.**—The farm machinery and facility items for which census statistics have been collected at five-year intervals since 1920 include a considerable number that are used in conducting the farm business, some that are used both in the home and in the farm business, and others such as home freezers that are used primarily in the farm operator's home. The inquiry relating to the number of items specified that an item be counted if on the place at the time of enumeration whether owned by the farm operator or another person. The statistics presented in this chapter afford a picture of the proportion of farms with farm facility and equipment items for which facts were gathered in the 1959 Census of Agriculture. These figures, when compared with data for prior censuses, indicate the growth or decline in the number of farms reporting an item.

For the 1959 Census of Agriculture, the location of all items was specified "on this place" in the questionnaire inquiry. Data were collected for the following items:

Item	How reported	
	Presence or absence	Number
Telephone.....	X	
Home freezer.....	X	
Milking machine.....	X	
Electric milk cooler.....	X	
Bulk-type milk cooler <sup>1</sup> .....	X	
Crop drier.....	X	
Power-operated elevator, conveyor, or blower.....	X	
Electricity <sup>2</sup> .....	X	
Grain combines <sup>3</sup> .....		X
Corn pickers <sup>4</sup> .....		X
Pick-up balers <sup>5</sup> .....		X
Field forage harvesters.....		X
Motortrucks.....		X
Wheel tractors.....		X
Crawler tractors.....		X
Garden tractors.....		X
Automobiles.....		X
Potato diggers <sup>6</sup> .....		X
Silos (upright and pit) <sup>7</sup> .....		X
Electric motors of 1 or more horsepower <sup>7</sup> .....		X
Power-spraying and dusting machines <sup>7</sup> .....		X

<sup>1</sup> Data obtained in 6 States only—Michigan, Minnesota, New York, Ohio, Pennsylvania, and Wisconsin.

<sup>2</sup> Alaska and Hawaii only.

<sup>3</sup> Not asked for Hawaii.

<sup>4</sup> Not asked for Alaska and Hawaii.

<sup>5</sup> Not asked for Alaska.

<sup>6</sup> Alaska only.

<sup>7</sup> Hawaii only.

In computing its farm-operator family level-of-living index for counties of the United States, the Agricultural Marketing Service of the U.S. Department of Agriculture considers such general indicators as the proportions of all farms having telephones and automobiles. These two items have been included in seven of the last nine census enumerations. Other repetitive items deal with the new sources of power—tractors, motortrucks, and electricity—which have brought striking changes to our farms during the last four decades. Increased use of mechanical power and labor-replacing machinery has been accompanied by large scale reductions in the number of draft animals and farm workers required to produce food and fiber for a rapidly expanding population. Some farm implements for which inquiry was made in 1959 have been coming into general use in recent years and few or no comparable figures are available for these items. In this chapter data on farm equipment and farm facilities for earlier censuses are shown only for items included in the 1959 Census of Agriculture. Statistics for prior censuses for items not included in this chapter may be found in the volumes for the censuses in

which the most recent inquiry was made. The X's in the following tabular presentation indicate the items for which the nationwide censuses of agriculture have obtained information during the period 1920 to 1959.

#### FARM FACILITY AND EQUIPMENT ITEMS FOR WHICH AN INQUIRY WAS INCLUDED IN THE CENSUS OF AGRICULTURE: 1920 TO 1959<sup>1</sup>

[The data for various census years may not be entirely comparable for reasons such as wording of the inquiry, instructions to enumerators, processing of data, etc. An X in the following table indicates the inquiry was included in the census of the year specified]

Item on census questionnaire	1959	1954	1950	1945	1940	1930	1925	1920
Telephone.....	X	X	X	X	X	X		X
Running water.....	X	X	X	X		X		
Electric water pump.....		X						
Water piped into a bathroom.....		X						
Electric hot water heater.....			X					
Kitchen sink with drain.....				X				
Electricity.....	*X	X	X	X	X	X		
Power line.....	*X		X	X				
Amount of last monthly bill.....			X					
Home plant.....	*X		X					
Gas or electric light.....				X	X			X
Electric distribution line.....								
Television set.....		X						
Radio.....	X	X	X	X				X
Home freezer.....			X	X				
Mechanical refrigeration.....			X	X				
Electric washing machine.....			X	X				
Power-driven washing machine.....			X	X				
Electric motors for farm work.....	*X	X	X	X				
Milking machine.....		X	X	X				
Electric chick brooder.....		X						
Electric pig brooder.....	X	X						
Electric milk cooler.....								
Power feed grinder.....								
Electric power feed grinder.....								
Power-operated elevator, conveyor, or blower.....			X					
Stationary gasoline engines.....				X				
Crop drier.....	X							
Grain combines.....	*X	X	X	X				(*)
Corn pickers.....	*X	X	X	X				
Pick-up balers.....	*X	X	X	X				
Field forage harvesters.....								
Automobiles.....	X	X	X	X	X	X		X
Year of newest model.....			X	X	X	X		X
Motortrucks.....	X	X	X	X	X	X		X
Year of newest model.....			X	X	X	X		X
Tractors.....				X	X	X	X	X
Year of newest model.....				X	X	X	X	
Wheel tractors other than garden.....	X	X	X	X				
Year of newest model.....				X	X	X	X	
Garden tractors.....	X	X	X	X				
Crawler tractors.....	X	X	X	X				
Year of newest model.....				X	X	X	X	
Artificial ponds, reservoirs, and earth tanks.....			X					
Upright silos.....	*X		X					
Pit or trench silos.....	*X		X					
Kind of road surface.....	X		X					
Distance to trading center.....								
Value of implements and machinery.....								
Bulk-type milk cooler.....	*X							
Potato diggers.....	*X							
Power-spraying and dusting machines.....	11 X							

<sup>1</sup> The 1935 questionnaire did not have any questions on farm equipment and farm facilities.

<sup>2</sup> Alaska and Hawaii only.

<sup>3</sup> Hawaii only. Question specified "Electric motors of 1 or more horsepower."

<sup>4</sup> Not asked for Hawaii.

<sup>5</sup> Inquiry was for number of combines on this farm. Data requested were for grain combines used for harvesting and threshing grains or seeds in one operation; however, many types or combinations of equipment were reported instead of grain combines and the results of this inquiry were considered not satisfactory for publication.

<sup>6</sup> Not asked for Alaska or Hawaii.

<sup>7</sup> Not asked for Alaska.

<sup>8</sup> Alaska only. Approximate data on number of farms using silos in 1959 are available for other States indirectly through the number of farms reporting production of silage.

<sup>9</sup> Data were obtained on bulk-type milk coolers in 6 States—Michigan, Minnesota, New York, Ohio, Pennsylvania, and Wisconsin.

<sup>10</sup> Alaska only.

<sup>11</sup> Hawaii only.

## GENERAL REPORT

The capacity of farm workers to produce has been directly related to the development and use of new and improved items of farm equipment and facilities. The productive capacity of the farm worker apparently changed very little between 1820 and 1850 during which time he produced farm products, on the average, for fewer than 5 persons at home and abroad (see table 1). New inventions and resultant new equipment began to appear on the farm after 1850 and the farm worker was able to produce farm products for an increasing number of persons. By the turn of the twentieth century, he was producing for almost 7 persons. More than 8 persons were being provided food and other farm products by a farm worker in 1920; by 1930, the number had increased to almost 10. The productive capacity of the farm worker increased moderately to 1940 when there were almost 11 persons supported, and with a rapid increase occurring during and immediately following World War II, there were nearly 15 persons at home and abroad supplied in 1950 by a farm worker. Further phenomenal increases occurred between 1950 and 1959. In 1954 a farm worker produced enough for 18 persons while in 1959 one farm worker was producing for 24 persons at home and abroad.<sup>1</sup> More than 46 percent of the increase in productivity of farm workers over the 140-year period came during the last decade. In connection with this recognition of the improved technology and increased specialization which have enabled farmers to provide increasing quantities of farm products with a decreasing number of farm workers it should be noted that the decrease in the number of workers on the farm has been accompanied by an almost equal increase in the off-the-farm employment in the farm equipment and supplies industry. Approximately 23 million employed workers are involved in some

way with agriculture on and off the farm and include the 7 million workers on farms as well as over 6 million who develop, manufacture, and sell farm supplies, and provide services in connection therewith; and another 10 million who serve to assemble, transport, process, and distribute farm products.

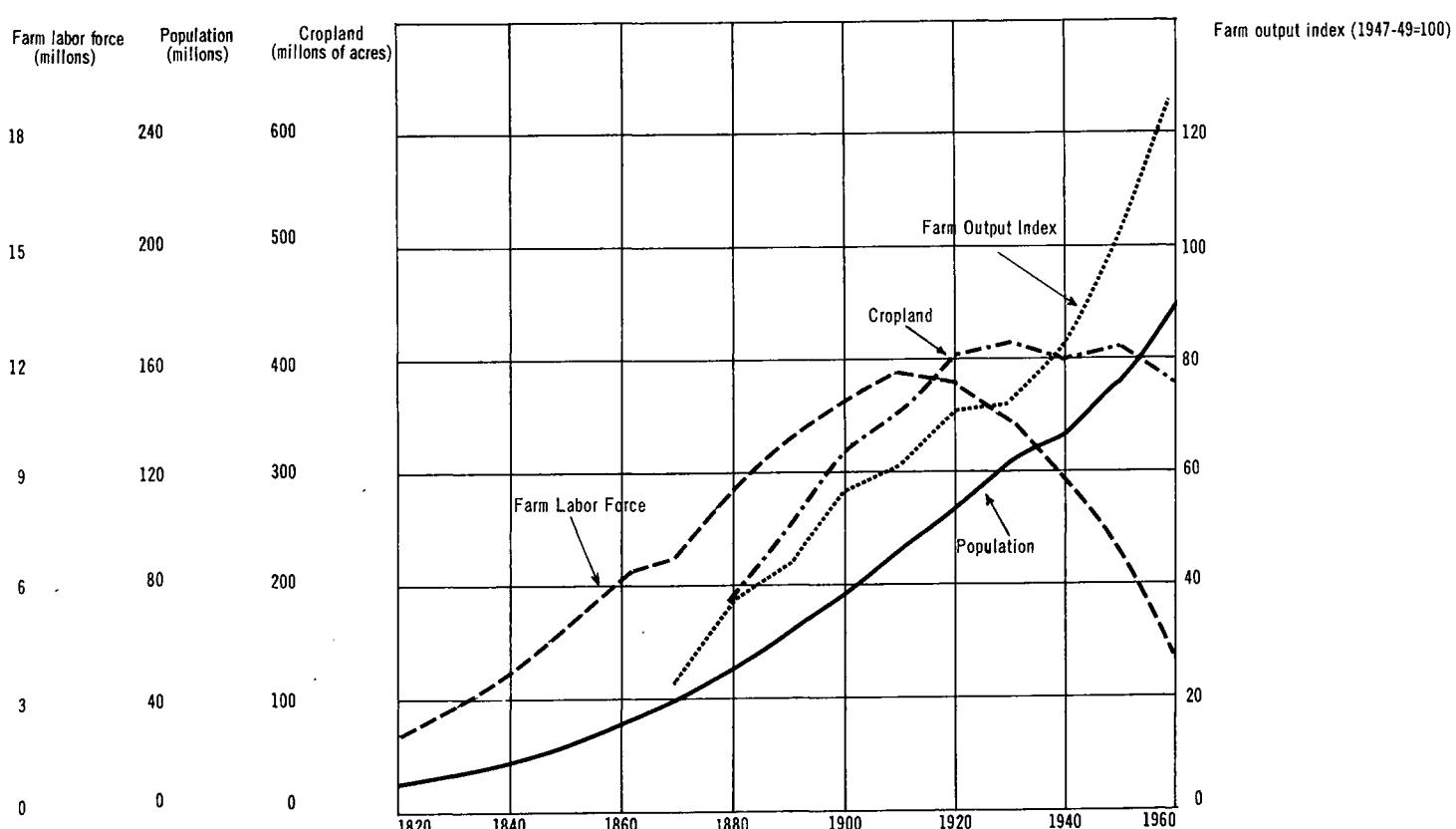
Table 1.—TOTAL FARM EMPLOYMENT, TOTAL POPULATION, AND PERSONS SUPPLIED WITH FARM PRODUCTS PER FARM WORKER, FOR THE CONTERMINOUS UNITED STATES: 1820 TO 1959

Year	Total farm employment (millions)	Total United States population July 1 (millions)	Persons supplied with farm products per farm worker <sup>1</sup>		
			Total		At home
			Persons	Percent change from previous period	
1959 <sup>2</sup> .....	7.4	177.1	23.69	28	21.06
1954.....	8.6	162.4	18.50	27	16.61
1950.....	9.9	151.7	14.56	35	12.87
1940.....	11.0	132.1	10.81	11	10.45
1930.....	12.5	123.1	9.75	18	8.77
1920.....	13.4	106.5	8.27	17	6.84
1910.....	13.6	92.4	7.07	2	6.05
1900.....	12.8	76.1	6.95	20	5.23
1890.....	11.7	63.1	5.77	4	4.69
1880.....	10.1	50.3	5.57	8	4.48
1870.....	8.0	39.9	5.14	13	4.64
1860.....	7.3	31.5	4.53	8	4.06
1850.....	5.7	23.3	4.18	6	3.97
1840.....	4.4	17.1	3.95	-1	3.72
1830.....	3.3	12.9	4.00	-3	3.76
1820.....	2.4	9.6	4.12	...	3.84

<sup>1</sup>1820 to 1940: *Agricultural Statistics 1954*; Table 646, p. 460. 1950 to 1959: *Agricultural Statistics 1960*, Table 669, p. 466.

<sup>2</sup>Preliminary.

### TRENDS IN POPULATION, FARM LABOR FORCE, AND FARM OUTPUT IN THE UNITED STATES: 1820 TO 1959



**Sources of Data.**—The data presented in this chapter are from the 1959 Census of Agriculture, with comparative data from earlier censuses. The data for 1959, 1954, and 1950, and a portion of the data for 1945, for all the items included in this chapter represent estimates based upon the enumeration of data for a sample consisting of approximately 20 percent of all farms for 1959, 1954, and 1950, and one out of 18 farms in 1945. A description of the procedures used in the enumeration and in the processing of the statistics, a description of the sampling technique, and measures of the reliability of estimates are provided in the Introduction to this volume.

**Presentation of Statistics.**—The statistics are presented for the United States, the conterminous United States (48 conterminous States), three regions, nine geographic divisions, and for each of the 50 States. The admission into the Union of two new States (Alaska and Hawaii were admitted in 1959) since the 1954 census has resulted in a change in the method of presentation of data for the United States as well as for the West and the Pacific geographic division. Totals are shown first for the present area of the Nation including data for all 50 States. Then, in order to provide 1959 data for the area comparable to that shown for previous censuses of agriculture, totals are presented for the "conterminous United States," representing the 48 States prior to the admission of Alaska and Hawaii. Likewise, data for Alaska and Hawaii have been included in the figures for 1959 for the West and for the Pacific geographic division. The 1959 totals are presented also for the "conterminous area" of the West and for the "conterminous area" of the Pacific geographic division (excluding, in both instances, data for the States of Alaska and Hawaii). An outline map, showing the States comprising the geographic divisions and the regions for which totals are shown, appears in the Introduction to this volume.

Comparable data for earlier censuses provide a measure of the changes that have occurred from census to census. Most of the available comparative data are shown for the United States. Historical data for regions, divisions, and States are shown only

for selected census years. In presenting statistics for earlier census years, headnotes, footnotes, or the wording of the table stub or column headings indicate any significant differences in comparability which may have resulted from changes in the wording of the inquiries, in the instructions or definitions, or in the procedures followed in collecting and compiling the data. The text discussion for the various items gives further information in regard to the comparability of the data. The tabular presentation is supplemented by graphic presentation through the use of maps and charts.

**Other Published Data.**—Data on farm facilities and farm equipment for the 1959 Census of Agriculture, in addition to those published in this volume, are given in other reports as indicated in the table below. Data for prior censuses of agriculture are available for some equipment and facility items not enumerated in the 1959 Census of Agriculture. The table—Farm Equipment and Facility Items for Which an Inquiry was Included in the Census of Agriculture: 1920 to 1959—indicates the censuses for which an inquiry was included on the census questionnaire. Data for earlier censuses for items not included in this chapter are in the reports for those censuses.

**History of Census Inquiries on Farm Equipment and Farm Facility Items.**—Information on farm equipment and farm facility items was first obtained in the census of agriculture for the United States for 1920. Data were obtained for the 6 items shown on page 193. Although the wording of the inquiries varied slightly, data were collected for these 6 items in 1954 and for 4 of the 6 items in the 1959 census. For each census since 1920, the number of items and the wording of the inquiry have been designed to obtain data for items for which there was significant interest.

A rough measure of farm mechanization was obtained in most censuses from 1850 to 1945 through the inclusion of an inquiry for the value of implements and machinery in the census questionnaire. Such data were last published in volume II for the 1945 Census of Agriculture.

#### OTHER PUBLISHED DATA FOR FARM EQUIPMENT, FARM FACILITIES: 1959 CENSUS OF AGRICULTURE

[All data for 1959, 1954, and 1950, and a part of the data for 1945 are based on reports for only a sample of farms. See text]

Where found	Geographic area for which available	Period <sup>1</sup>	Presentation of data
Volume I.—Parts 1 to 50.....	Counties <sup>2</sup> and State.....	1959 1959 and 1954	County Table 4.—State and county totals for equipment and facility items enumerated in the 1959 Census of Agriculture for commercial farms only. County Table 6.—State and county totals for equipment and facility items enumerated in the 1959 Census of Agriculture with available comparative data from the 1954 Census of Agriculture.
	State only.....	1920 to 1959 1959 1959 1959 1959 1959 1959	State Table 4.—Totals for equipment and facility items enumerated in the 1959 Census of Agriculture with available comparative data from earlier censuses. State Table 17.—Economic class of farm. Totals for equipment and facility items enumerated in the 1959 Census of Agriculture for each economic class of commercial farms and for part-time, part-retirement, and abnormal farms. State Table 18.—Type of farm. Totals for equipment and facility items enumerated in the 1959 Census of Agriculture for specified types of commercial farms by economic class of farm. State Table 19.—Type of farm. Totals for equipment and facility items enumerated in the 1959 Census of Agriculture for each type of commercial farm. State Table 20.—Size of farm. Totals for equipment and facility items enumerated in the 1959 Census of Agriculture for each size of farm. State Table 21.—Tenure of operator. Totals for equipment and facility items enumerated in the 1959 Census of Agriculture for commercial farms by tenure of operator.
Volume II.—General Report Chapter X.	States, Geographic Divisions, Regions, and United States.	1959 and 1954 1959 and 1954	Tenure of operator. Totals for equipment and facility items enumerated in the 1959 Census of Agriculture for each tenure of operator for commercial farms only. Also, United States totals by tenure of operator for commercial farms, part-time farms, part-retirement farms, and abnormal farms. Tenure and color of operator. Totals for equipment and facility items enumerated in the 1959 Census of Agriculture by tenure of operator for commercial farms and for all other farms, with similar data for farms of nonwhite farm operators.
Volume II.—General Report Chapter XI.	States, Geographic Divisions, Regions, and United States.	1959 and 1954	Economic class of farm. Totals for equipment and facility items enumerated in the 1959 Census of Agriculture for each economic class of commercial farms and for part-time, part-retirement, and abnormal farms.
Volume II.—General Report Chapter XII.	States, Geographic Divisions, Regions, and United States.	1959 and 1954	Type of farm. Totals for equipment and facility items enumerated in 1959 Census of Agriculture for each type of commercial farm and for miscellaneous and unclassified farms.

<sup>1</sup> Conterminous States only for 1954, 1945, 1935, and 1925.

<sup>2</sup> The term "county" as used in this report refers to election districts in Alaska, parishes in Louisiana, municipios (municipalities) in Puerto Rico, etc.

## GENERAL REPORT

## DEFINITIONS AND EXPLANATIONS

The descriptive terms and explanations refer principally to the 1959 Census of Agriculture. In general, they are applicable to earlier censuses. The definitions consist primarily of a résumé of the questionnaire wording, occasionally supplemented by the more essential parts of instructions and procedures for enumerating and processing the questionnaires. For the exact phrasing of the inquiries, reference should be made to the facsimile of the 1959 agriculture questionnaire shown in the appendix to this volume.

Definitions having a general application, such as those for "farms reporting" and "operators reporting" and factors influencing the reliability of the data are discussed in the Introduction to this volume and will not be considered in this chapter, unless of particular significance in respect to the subject under consideration.

**A Farm.**—For 1959, places of 10 or more acres were counted as farms if the value of agricultural products sold during 1959 amounted to \$50 or more. Places of less than 10 acres were counted as farms only if the value of sales of agricultural products during 1959 amounted to \$250 or more. Places for which the value of agricultural products sold during 1959 was less than these minima because of crop failure or other unusual conditions, and places operated at the time of the census for the first time were counted as farms if normally they could be expected to produce and sell these minimum quantities of agricultural products.

**Count of Farms Reporting Specified Facility and Equipment Items.**—The agriculture questionnaire provided for a "no" or "yes" response to indicate the absence or the presence on the place of each of the following specified facility and equipment items:

Do you have on this place—	No <input type="checkbox"/> Yes <input type="checkbox"/>	
	300. Telephone?	301. Home freezer (for quick freezing and storing food)? (Do not include refrigerators.)
302. Milking machine?	No <input type="checkbox"/> Yes <input type="checkbox"/>	No <input type="checkbox"/> Yes <input type="checkbox"/>
303. Electric milk cooler?	No <input type="checkbox"/> Yes <input type="checkbox"/>	No <input type="checkbox"/> Yes <input type="checkbox"/>
304. Bulk-type milk cooler?	No <input type="checkbox"/> Yes <input type="checkbox"/>	No <input type="checkbox"/> Yes <input type="checkbox"/>
305. Crop drier (for grain, forage, or other crops)?	No <input type="checkbox"/> Yes <input type="checkbox"/>	No <input type="checkbox"/> Yes <input type="checkbox"/>
306. Power-operated elevator, conveyor, or blower?	No <input type="checkbox"/> Yes <input type="checkbox"/>	No <input type="checkbox"/> Yes <input type="checkbox"/>

Question 304 appeared on the questionnaire for only six States—New York, Pennsylvania, Ohio, Michigan, Wisconsin, and Minnesota.

An answer of "no" represents the absence of a specified item and an answer of "yes" represents the presence of a specified item. For some farm reports, neither the "no" nor the "yes" box was checked by the respondent. The omission of a response should not be considered the same as a report of "no." For those farms "not reporting" a specified item, the response for some should have been "no" while the response for others should have been "yes." The percentage of the farms not reporting was negligible for all items. The inquiry for facility and equipment items normally used in the farm home was designed to obtain information for items located "on this place." Facility and equipment items temporarily out of order were included, and all equipment on the place was included whether owned by the person in charge or by others.

**Telephone.**—In 1959, the questionnaire inquiry, "Do you have on this place—Telephone?" is identical to the 1954 inquiry. In 1950 the inquiry read, "Is there a telephone on this place?" and in 1945 it read, "Does farm dwelling have telephone?" In 1940, 1930, and 1920, the inquiry for telephones merely specified "on farm." The more restricted inquiry in 1945 may have resulted in the omission of some farms from the count of those with

telephones. This could have been true if (a) the telephone were in a second dwelling on the farm, or (b) if the telephone were in a nondwelling structure on the farm.

**Electricity.**—The use of electricity in 1954 was so widespread throughout the 48 conterminous States that there seemed to be no further need for obtaining a count of the farms having it in those States. In 1959, an inquiry regarding the availability of electric service on farms and the source of the electric power used was made only in Alaska and Hawaii. The 1959 inquiry on electricity in Alaska and Hawaii specified "on this place." In 1954, there was no inquiry regarding the source of electricity; however, in 1950, it was determined whether the electricity was from a power line or from a home plant.

In 1945, 1940, and 1930, the inquiry on electricity was less inclusive than the inquiry in 1954 and 1950. In 1945 and 1940, the inquiry referred to electricity in the "farm dwelling," and in 1930, to electricity in the "farmer's dwelling house." In these earlier years, some farms with electricity in buildings other than the farmer's dwelling or with electricity used only for the purpose of pumping water, etc., may not have been enumerated as farms with electricity. In 1920, the inquiry was for "gas or electric light in operator's house."

**Home Freezer.**—A count of farms with home freezers was obtained for the 1959, 1954, and 1950 censuses.

**Milking Machine.**—A question on milking machines has been included on the questionnaire for each census beginning with 1945. The figures represent the number of farms with milking machines and do not represent the number of machines or units.

Table 2.—FARMS REPORTING "YES" TO INQUIRIES ON SPECIFIED FACILITIES AND EQUIPMENT, FOR THE UNITED STATES: 1959 AND 1954

[Data for conterminous United States are based on reports for only a sample of farms. See text.]

Item	Farms reporting			
	Number		Percent of all farms	
	1959	1954 <sup>1</sup>	1959	1954 <sup>1</sup>
Telephone.....	2,410,982	2,332,309	65.0	48.8
Home freezer.....	2,067,425	1,541,415	55.8	32.2
Milking machine.....	666,197	712,022	18.0	14.9
Electric milk cooler.....	428,380	NA	11.6	NA
Crop drier.....	51,523	NA	1.4	NA
Power-operated elevator, conveyor, or blower.....	925,450	NA	25.0	NA

NA Not available.

<sup>1</sup>Data for Alaska and Hawaii not included.

Table 3.—SPECIFIED ITEMS OF FARM EQUIPMENT FOR WHICH DATA WERE OBTAINED IN ONLY A FEW STATES: 1959

Item	Alaska <sup>1</sup>		Hawaii				
	Farms reporting	Number	Farms reporting	Number			
Silos (upright and pit).....	103	174	NA	NA			
Potato diggers.....	82	99	NA	NA			
Electric motors 1 hp. or more..	NA	NA	1,167	2,943			
Power spraying and dusting machines.....	NA	NA	1,578	1,941			
Electricity:							
From power line.....	306	...	5,211	...			
From home plant.....	23	...	68	...			
Farms reporting							
Total	Michigan	Minnesota	New York	Ohio			
Bulk-type milk coolers.....	59,215	8,426	10,012	7,271	7,439	6,572	19,495

NA Not available.

<sup>1</sup>April 1, 1960.

# FARM FACILITIES, FARM EQUIPMENT

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**Table 4.—SPECIFIED FARM EQUIPMENT FOR THE UNITED STATES: 1920 TO 1959**

[Data for conterminous United States for 1959, 1954, and 1950, and data for grain combines and milking machines for 1945 are based on reports for only a sample of farms. See text.]

Item and year	Farms reporting		Number				
	Number	Percent of all farms	Total	Average per farm reporting	Increase or decrease (-)¹		
				Number	Percent		
Grain combines.....	1959.....	974,735	26.3	1,041,553	1.1	62,477	6.4
	1954¹.....	923,709	19.3	979,050	1.1	265,417	37.2
	1950.....	665,378	12.4	713,633	1.1	339,946	91.0
	1945¹.....	349,576	6.0	373,687	1.1	...	...
Corn pickers.....	1959¹.....	766,948	20.7	792,379	1.0	104,913	15.3
	1954¹.....	676,088	14.1	687,466	1.0	231,947	50.9
	1950.....	447,387	8.3	455,519	1.0	...	...
Pick-up balers.....	1959.....	669,540	18.1	679,776	1.0	231,845	51.8
	1954¹.....	442,872	9.3	447,909	1.0	252,051	128.7
	1950.....	191,658	3.6	195,858	1.0	...	...
Field forage harvesters.....	1959¹.....	275,282	7.4	290,985	1.1	89,177	44.2
	1954¹.....	197,265	4.1	201,605	1.0	...	...
Motortrucks.....	1959¹.....	2,177,080	58.7	2,833,763	1.3	122,682	4.5
	1954¹.....	2,212,892	46.3	2,702,811	1.2	496,141	22.5
	1950.....	1,843,107	34.2	2,213,735	1.2	716,370	48.1
	1945¹.....	1,299,350	22.2	1,490,300	1.1	443,216	42.3
	1940¹.....	944,184	15.5	1,047,084	1.1	146,699	16.3
	1930¹.....	845,335	13.4	900,385	1.1	761,216	547.0
	1920¹.....	131,551	2.0	139,169	1.1	...	...
Tractors.....	1959.....	2,679,561	72.3	5,138,921	1.9	442,044	9.4
	1954¹.....	2,876,572	60.1	4,692,341	1.6	1,083,060	30.0
	1950.....	2,526,421	46.9	3,612,325	1.4	1,187,534	49.0
	1945¹.....	2,002,662	34.2	2,421,747	1.2	854,317	54.5
	1940¹.....	1,409,697	23.1	1,587,430	1.1	647,409	70.4
	1930¹.....	851,457	13.5	920,021	1.1	414,088	81.8
	1925¹.....	473,848	7.4	505,933	1.1	259,850	105.6
	1920¹.....	229,332	3.6	246,083	1.1	...	...
Tractors, other than garden.....	1959.....	2,586,788	69.8	4,688,493	1.8	339,618	7.8
	1954¹.....	2,773,074	58.0	4,345,234	1.6	951,474	28.0
	1950.....	2,433,168	45.2	3,393,760	1.4	...	...
1 tractor².....	1959.....	1,294,040	34.9	1,294,040	1.0	-405,430	-23.9
	1954¹.....	1,698,435	35.5	1,698,435	1.0	-42,567	-2.4
	1950.....	1,741,002	32.4	1,741,002	1.0	62,633	3.7
	1945¹.....	1,678,369	28.6	1,678,369	1.0	...	...
2 tractors².....	1959.....	809,969	21.8	1,619,938	2.0	70,610	4.6
	1954¹.....	774,382	16.2	1,548,764	2.0	477,760	44.6
	1950¹.....	535,502	10.0	1,071,004	2.0	536,614	100.4
	1945¹.....	267,195	4.6	534,390	2.0	...	...
3 or more tractors².....	1959.....	482,779	13.0	1,774,515	3.7	674,423	61.4
	1954¹.....	300,257	6.3	1,098,035	3.7	516,281	88.7
	1950¹.....	156,664	2.9	581,754	3.7	372,766	178.4
	1945¹.....	57,098	1.0	208,988	3.7	...	...
3 tractors².....	1959.....	321,363	8.7	964,089	3.0	342,255	55.1
	1954¹.....	207,194	4.3	621,582	3.0	...	...
4 tractors².....	1959.....	97,429	2.6	389,716	4.0	170,628	77.9
	1954¹.....	54,730	1.1	218,920	4.0	...	...
5 or more tractors².....	1959.....	63,987	1.7	420,710	6.6	161,555	62.7
	1954¹.....	38,333	0.8	257,533	6.7	...	...
Wheel tractors.....	1959.....	2,556,266	68.9	4,489,286	1.8	301,696	7.2
	1954¹.....	2,741,841	57.3	4,185,780	1.5	935,914	28.8
	1950.....	2,383,705	44.2	3,251,119	1.4	962,205	42.1
	1945¹.....	NA	NA	2,287,661	NA	...	...
Crawler tractors.....	1959.....	161,091	4.3	199,207	1.2	37,922	23.8
	1954¹.....	129,716	2.7	159,454	1.2	15,560	10.8
	1950.....	120,558	2.2	145,284	1.2	42,672	42.2
	1945¹.....	NA	NA	101,222	NA	...	...
Garden tractors.....	1959.....	424,790	11.5	450,428	1.1	102,426	29.5
	1954¹.....	335,121	7.0	347,107	1.0	131,586	61.1
	1950.....	206,391	3.8	215,922	1.0	145,776	209.0
	1945¹.....	NA	NA	69,745	NA	...	...
Automobiles.....	1959.....	2,956,713	79.7	3,635,419	1.2	-634,106	-14.9
	1954¹.....	3,391,557	70.9	4,262,785	1.3	63,561	1.5
	1950.....	3,393,011	63.0	4,204,194	1.2	50,949	1.2
	1945¹.....	3,630,433	62.0	4,148,275	1.1	4,139	0.1
	1940¹.....	3,542,036	58.1	4,144,136	1.2	9,461	0.2
	1930¹.....	3,650,003	58.0	4,134,675	1.1	1,988,313	92.6
	1920¹.....	1,979,564	30.7	2,146,362	1.1	...	...
Milking machine.....	1959.....	666,197	18.0	NA	NA	NA	NA
	1954¹.....	712,022	14.9	NA	NA	NA	NA
	1950.....	636,448	11.8	NA	NA	NA	NA
	1945¹.....	365,065	6.2	NA	NA	...	...
Electric milk cooler.....	1959.....	428,380	11.6	NA	NA	NA	NA
Crop drier.....	1959.....	51,523	1.4	NA	NA	NA	NA
Power-operated elevator, conveyor, or blower.....	1959.....	925,450	25.0	NA	NA	NA	NA

NA Not available.

<sup>1</sup>Data for Alaska and Hawaii not included.

<sup>2</sup>Figures for 1959, 1954, and 1950 relate to tractors other than garden tractors; figures for 1945 relate to all tractors.

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Table 5.—SPECIFIED FARM EQUIPMENT—FARMS REPORTING AND NUMBER, FOR COMMERCIAL FARMS AND FOR OTHER<sup>1</sup> FARMS, FOR THE UNITED STATES: 1959 AND 1954  
 [Data for conterminous United States are based on reports for only a sample of farms. See text.]

Item	Total farms		Commercial farms		Other farms	
	1959	1954 <sup>2</sup>	1959	1954 <sup>2</sup>	1959	1954 <sup>2</sup>
Grain combines.....farms reporting...	974,735	923,709	900,375	896,024	74,360	27,685
percent distribution...	100.0	100.0	92.4	97.0	7.6	3.0
number...	1,041,553	979,050	965,160	950,483	76,393	28,567
percent distribution...	100.0	100.0	92.7	97.1	7.3	2.9
average per farm reporting...	1.1	1.1	1.1	1.1	1.0	1.0
Corn pickers.....farms reporting...	2,766,948	676,088	2,712,486	662,935	2,544,462	13,153
percent distribution...	2100.0	100.0	292.9	98.1	27.1	1.9
number...	2,792,379	687,466	2,737,191	674,180	2,551,188	13,286
percent distribution...	2100.0	100.0	293.0	98.1	27.0	1.9
average per farm reporting...	21.0	1.0	21.0	1.0	21.0	1.0
Pick-up balers.....farms reporting...	669,540	442,872	615,327	427,279	54,213	15,593
percent distribution...	100.0	100.0	91.9	96.5	8.1	3.5
number...	679,776	447,909	624,744	432,010	55,032	15,899
percent distribution...	100.0	100.0	91.9	96.5	8.1	3.5
average per farm reporting...	1.0	1.0	1.0	1.0	1.0	1.0
Field forage harvesters.....farms reporting...	275,282	197,265	266,353	193,457	8,929	3,808
percent distribution...	100.0	100.0	96.8	98.1	3.2	1.9
number...	290,985	201,605	281,402	197,583	9,583	4,022
percent distribution...	100.0	100.0	96.7	98.0	3.3	2.0
average per farm reporting...	1.1	1.0	1.1	1.0	1.1	1.1
Motortrucks.....farms reporting...	2,177,080	2,212,892	1,633,579	1,774,407	543,501	438,485
percent distribution...	100.0	100.0	75.0	80.2	25.0	19.8
number...	2,833,763	2,702,811	2,234,212	2,223,361	599,551	479,450
percent distribution...	100.0	100.0	78.8	82.3	21.2	17.7
average per farm reporting...	1.3	1.2	1.4	1.3	1.1	1.1
Tractors.....farms reporting...	2,679,561	2,876,572	1,995,728	2,398,982	683,833	477,590
percent distribution...	100.0	100.0	74.5	83.4	25.5	16.6
number...	5,138,921	4,692,341	4,234,453	4,129,111	904,468	563,230
percent distribution...	100.0	100.0	82.4	88.0	17.6	12.0
average per farm reporting...	1.9	1.6	2.1	1.7	1.3	1.2
Tractors other than garden.....farms reporting...	2,586,788	2,773,074	1,965,606	2,364,935	621,182	408,139
percent distribution...	100.0	100.0	76.0	85.3	24.0	14.7
number...	4,688,493	4,345,234	3,946,920	3,895,507	741,573	449,727
percent distribution...	100.0	100.0	84.2	89.7	15.8	10.3
average per farm reporting...	1.8	1.6	2.0	1.6	1.2	1.1
1 tractor.....farms reporting...	1,294,040	1,698,435	768,858	1,322,243	525,182	376,192
percent distribution...	100.0	100.0	59.4	77.9	40.6	22.1
2 tractors.....farms reporting...	809,969	774,382	728,892	747,196	81,077	27,186
percent distribution...	100.0	100.0	90.0	96.5	10.0	3.5
3 tractors.....farms reporting...	321,363	207,194	310,109	204,012	11,254	3,182
percent distribution...	100.0	100.0	96.5	98.5	3.5	1.5
4 tractors.....farms reporting...	97,429	54,730	95,132	54,069	2,297	661
percent distribution...	100.0	100.0	97.6	98.8	2.4	1.2
5 or more tractors.....farms reporting...	63,987	38,333	62,615	37,415	1,372	918
percent distribution...	100.0	100.0	97.9	97.6	2.1	2.4
Wheel tractors.....farms reporting...	2,556,266	2,741,841	1,946,305	2,341,370	609,961	400,471
percent distribution...	100.0	100.0	76.1	85.4	23.9	14.6
number...	4,489,286	4,185,780	3,778,230	3,751,410	711,056	434,370
Crawler tractors.....farms reporting...	161,091	129,716	133,687	115,696	27,404	14,020
percent distribution...	100.0	100.0	83.0	89.2	17.0	10.8
number...	199,207	159,454	168,690	144,097	30,517	15,357
Garden tractors.....farms reporting...	424,790	335,121	268,139	224,006	156,651	111,115
percent distribution...	100.0	100.0	63.1	66.8	36.9	33.2
number...	450,428	347,107	287,533	233,604	162,895	113,503
Automobiles.....farms reporting...	2,956,713	3,391,557	2,016,235	2,480,220	940,478	911,337
percent distribution...	100.0	100.0	68.2	73.1	31.8	26.9
number...	3,635,419	4,262,785	2,522,507	3,201,011	1,112,912	1,061,774
percent distribution...	100.0	100.0	69.4	75.1	30.6	24.9
average per farm reporting...	1.2	1.3	1.3	1.3	1.2	1.2
Milking machine.....farms reporting...	666,197	712,022	610,256	686,402	55,941	25,620
percent distribution...	100.0	100.0	91.6	96.4	8.4	3.6
Electric milk cooler.....farms reporting...	428,380	NA	401,350	NA	27,030	NA
percent distribution...	100.0	NA	93.7	NA	6.3	NA
Crop drier.....farms reporting...	51,523	NA	48,745	NA	2,778	NA
percent distribution...	100.0	NA	94.6	NA	5.4	NA
Power-operated elevator, conveyor, or blower.....farms reporting...	925,450	NA	875,783	NA	49,667	NA
percent distribution...	100.0	NA	94.6	NA	5.4	NA

NA Not available.

<sup>1</sup>Data are for "part-time," "part-retirement," and "abnormal" farms. See text.<sup>2</sup>Data for Alaska and Hawaii not included.

**Electric Milk Coolers, Crop Driers, and Power-operated Elevators, Conveyors, or Blowers.**—Inquiries regarding these items were asked for the first time during the 1959 enumeration. A question regarding bulk-type milk coolers, used for the first time in 1959, appeared on the questionnaires for six States—New York, Pennsylvania, Ohio, Michigan, Wisconsin, and Minnesota.

Questions for such items as running water, television sets, electric pig brooders, power feed grinders, and artificial ponds, reservoirs, and earth tanks were not carried on the 1959 agriculture questionnaire. A brief discussion of the questions used in earlier censuses but not used in 1959 is found in Volume II: General Report, 1954 Census of Agriculture, Chapter III.

**Number of Farm Machinery and Equipment Items on Farms.**—Data in terms of the actual number were obtained for the following specified items of farm equipment "on this place" in 1959:

Section XIV.—EQUIPMENT AND FACILITIES NOW ON THIS PLACE	
Include equipment, whether owned by you or by others, on this place. Include equipment and facilities that are temporarily out of order.	
How many of the following are on this place—	
[291] Grain combines? . . . . .	Number
[292] Corn pickers (include picker-shellers and corn combines)? . . . . .	
[293] Pick-up balers? . . . . .	
[294] Field forage harvesters (for field chopping of silage and forage crops)? . . . . .	
[295] Motortrucks (include pick-ups)? . . . . .	
[296] Wheel tractors other than garden? . . . . .	
[297] Garden tractors? . . . . .	
[298] Crawler tractors (tracklaying, caterpillar)? . . . . .	
[299] Automobiles? . . . . .	

Enumerators were specifically instructed to exclude stationary balers but to include both hand-tie and automatic balers in the pick-up baler count. Corn pickers related to all types of machines used for picking corn whether used in separate or in combined picking-shelling operations. Motortrucks were to include pick-up trucks and truck-trailer combinations; jeeps and station wagons were also to be included if they were used primarily as trucks, but school buses were specifically excluded. Wheel tractors were to include home-built tractors but specifically excluded garden tractors, implements with built-in power units, such as self-propelled combines or powered buckrakes, and the power unit of a truck-trailer combination. Garden tractors were not defined. Automobiles were to include jeeps and station wagons if they were used primarily as passenger vehicles. The automobile count was to include automobiles owned by the farm operator, by hired workers, or by others living on the place.

Within the last 40 years, mechanical power has almost completely displaced animal power for farming purposes. The displacement of horses and mules by tractors, trucks, and automobiles is now so widespread that there is no longer any need for a classification of farms by type of work power. Consequently such a classification is not presented in the 1959 Census of Agriculture. Data on farms by class of work power for 1954, 1950, and 1945 are provided in the census of agriculture reports for those years.

**Changes in the Number of Farms Reporting Farm Machines, Equipment, and Facilities.**—Mechanical power with its complement of adapted machines has enabled the average farm family or farm worker to handle a larger acreage. From 1920 to 1959, the number of farm workers declined 45 percent, from 13.4 million

to 7.4 million, while the acreage of cropland handled per worker increased 70 percent, from 30 acres to 52 acres. During this period the average size of farm in the United States increased from 148 acres to 303 acres. This increase resulted mainly from farm consolidations. Total land in farms increased only 17.2 percent during the 4-decade period while the number of farms decreased from 6.5 million in 1920 to 3.7 million in 1959. Fewer families with fewer workers now handle more land and produce substantially more products for sale than they did in 1920.

The number of farms in the United States declined 22.6 percent (conterminous United States only) or 1,079,000 from 1954 to 1959. Approximately 232,000 of the 1,079,000 decrease in the number of farms resulted from a change in the definition of a farm. Using the 1954 definition, the 1959 count would have shown approximately 3,935,000 farms, or a decrease of 847,000 (17.7 percent) from 1954 to 1959. The number of farms in 1959 was smaller than in 1954 in every State and in all except 42 counties of the 3,067 in the 48 conterminous States. (Comparative data for 1954 are not available for Alaska and Hawaii.) Almost three-fifths (59.8 percent) of the decrease in number of farms was in farms of fewer than 50 acres each. Between 1954 and 1959, the number of farms of 500 to 999 acres increased by 4.3 percent while the number of those 1,000 acres and over rose by 4.5 percent. Farms of 500 acres or more have increased 62.3 percent in number during the last 35 years and farms in this size group now comprise over 9 percent of the Nation's farms. The trend toward fewer but larger farm operating units has continued as farmers in general have combined smaller farms units to obtain greater efficiency in the use of their modern power and equipment.

Nearly two farms out of three had telephones in 1959. The proportion of farms with telephones was higher in 1959 than in 1954 in every State. The number of farms with telephones was 3.2 percent higher in 1959 than in 1954 but the percent of all farms having telephones increased from 48.8 to 65.0 (conterminous United States only, see table 6). Despite the increase from 1954 to 1959 in the number of farms with telephones, fewer farms were equipped with this facility in 1959 than in 1920, when 38.7 percent of all farms in the United States had telephone

Table 6.—FARMS REPORTING SPECIFIED FACILITIES, FOR THE UNITED STATES: 1920 TO 1959

[Data for conterminous United States for 1959, 1954, and 1950 are based on reports for only a sample of farms. See text. Figures for divisions and States in Tables 10 and 11.]

Year	Farms reporting			
	Number	Percent of all farms	Increase or decrease (-) <sup>1</sup>	
			Number	Percent
Telephone				
1959.....	2,410,982	65.0	74,096	3.2
1954 <sup>1</sup> .....	2,332,309	48.8	274,753	13.4
1950.....	2,059,659	38.2	191,447	10.3
1945 <sup>1</sup> .....	1,866,109	31.8	339,155	22.2
1940 <sup>1</sup> .....	1,526,954	25.0	-612,240	-28.6
1930 <sup>1</sup> .....	2,139,194	34.0	-359,299	-14.4
1920 <sup>1</sup> .....	2,498,493	38.7	...	...
Home freezer				
1959.....	2,067,425	55.8	523,435	34.0
1954 <sup>1</sup> .....	1,541,415	32.2	890,903	137.0
1950.....	650,687	12.1	...	...

<sup>1</sup>Data for Alaska and Hawaii not included.

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service. The disappearance of farmer- or cooperative-owned telephone facilities in rural areas accounts for a part of the decline in the number of farms with telephones following 1920.

Significant progress in the number of farms equipped with telephones came in the South where, despite a 29 percent decrease in the number of farms, the farms with telephones increased 23 percent. The South's 140,000 gain in farms with telephones more than counterbalanced the combined decreases of 58,000 in the North and 8,000 in the West and provided the net increase of more than 74,000 for the country as a whole.

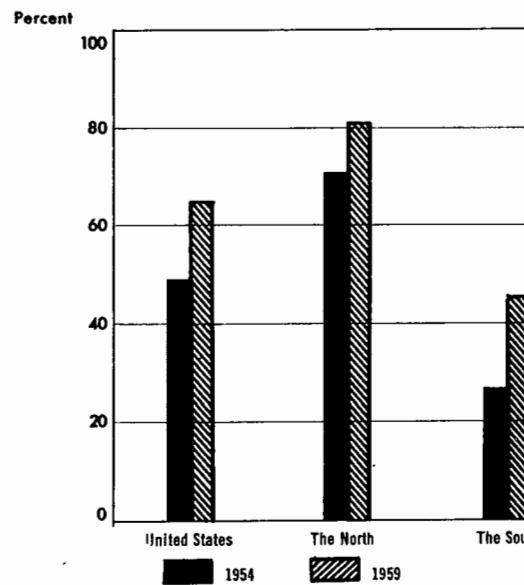
By geographic divisions, the percent of all farms having telephones in 1959 ranged from 87.5 in the New England States to 40.1 in the East South Central States. The greatest gain occurred in the East South Central States with an increase of 56,000 farms (33.0 percent) reporting telephones compared with a 24.8 percent decline in the number of farms with telephones in New England. The number of farms in New England equipped with telephones as a percent of all farms increased from 80.9 in 1954 to 87.5 in 1959 indicating that the decline in the number of farms with telephones was a result of the decrease in number of farms in the New England States. There were fewer total farms in 1959 in New York, New Jersey, New Hampshire, Massachusetts, Rhode Island, and Connecticut than there were farms with telephones in 1954. North Carolina, with an increase of more than 22,000, or 49.3 percent, reported the greatest gain in the number of farms having telephones, but Montana, with 49.8 percent increase, had the highest percent gain in the number of farms equipped with telephones. Although about half of the States had fewer farms with telephones in 1959 than in 1954, a large part of

this decrease resulted from the diminution in total number of farms rather than from the discontinuation of telephone service.

The number of farms with home freezers increased from 1954 to 1959 in spite of the rapid decrease in the overall number of farms. In 1959, five farms out of nine had a home freezer while in 1954 and 1950 only one farm in three (32.2 percent) and one farm in eight (12.1 percent), respectively, had such equipment. The 2,065,000 farms (conterminous United States only) reporting home freezers in 1959 represent an increase of 34 percent over the 1,541,000 listed in 1954 and is more than three times the 651,000 reported in 1950.

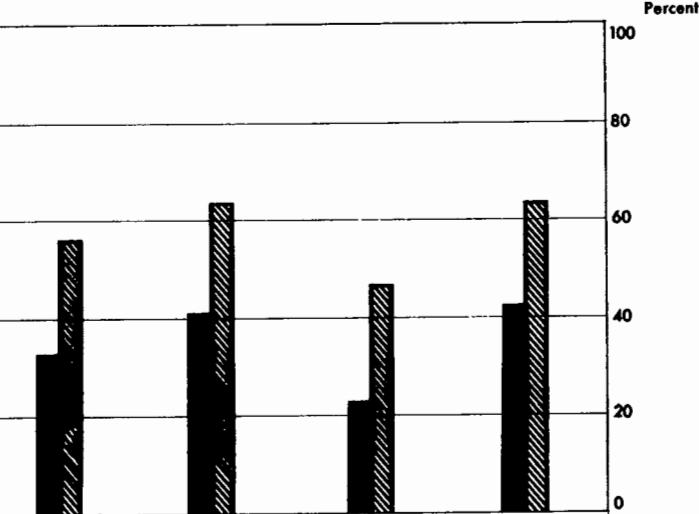
In the Middle Atlantic, East North Central, Mountain, and Pacific States about two farms out of three had home freezers in 1959. Only in the East South Central and South Atlantic States did fewer than half the farmers have home freezers. The highest percent of increase in farms reporting home freezers was the 74.2 percent reported in the East South Central States. Nearly a third of the total increase in farms with home freezers occurred in the West North Central States where the gain of over 160,000 represented an increase of 51 percent over 1954. Increases were found in 43 of the 48 States with New Hampshire, Massachusetts, Rhode Island, Connecticut, and New Jersey showing slight decreases resulting primarily from the notable drop in the total number of farms. Every State showed a higher proportion of farms with home freezers in 1959 than in 1954. Iowa's increase of nearly 37,000 farms reporting freezers was the largest gain for any State. Tennessee with a gain of more than 30,000, or 85.6 percent, had the highest percent increase over 1954.

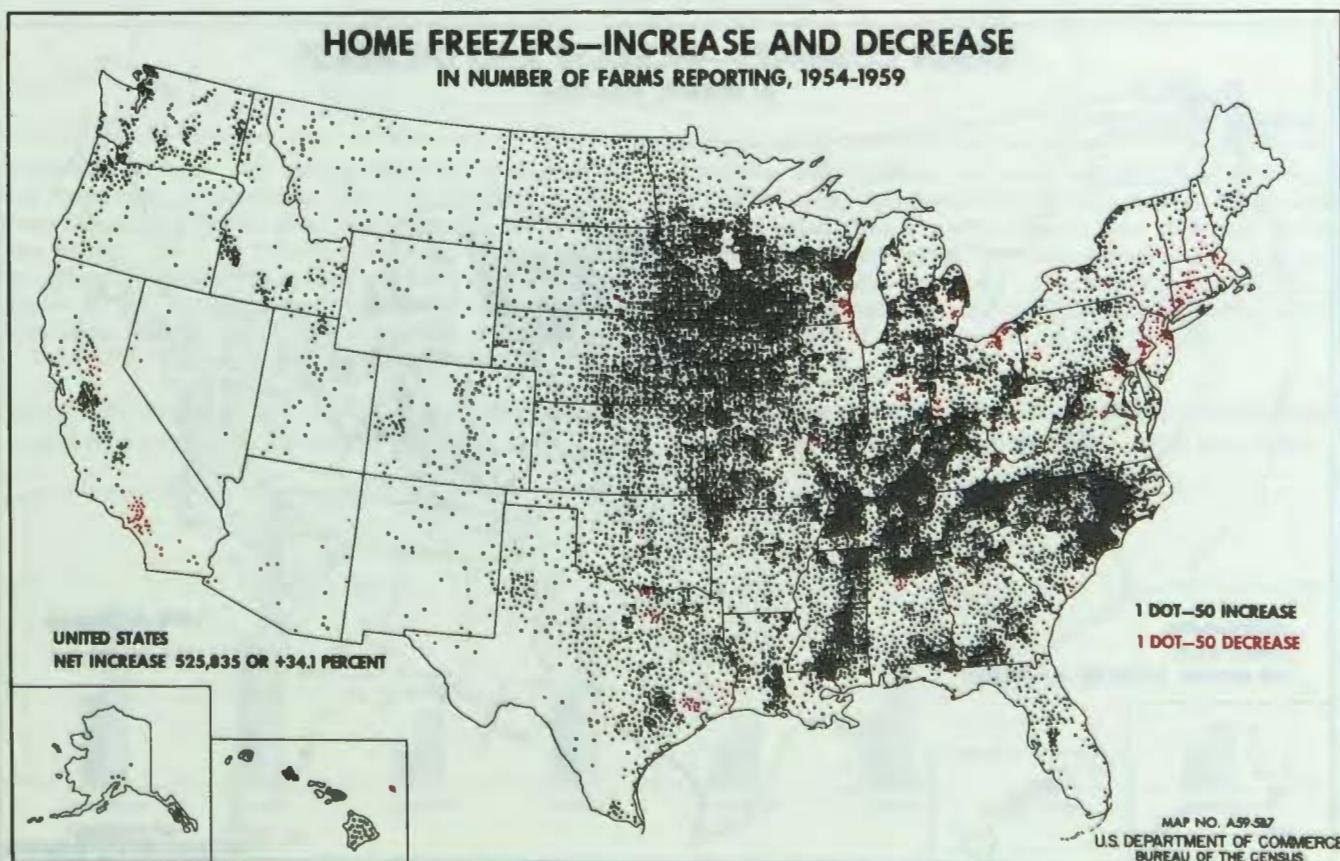
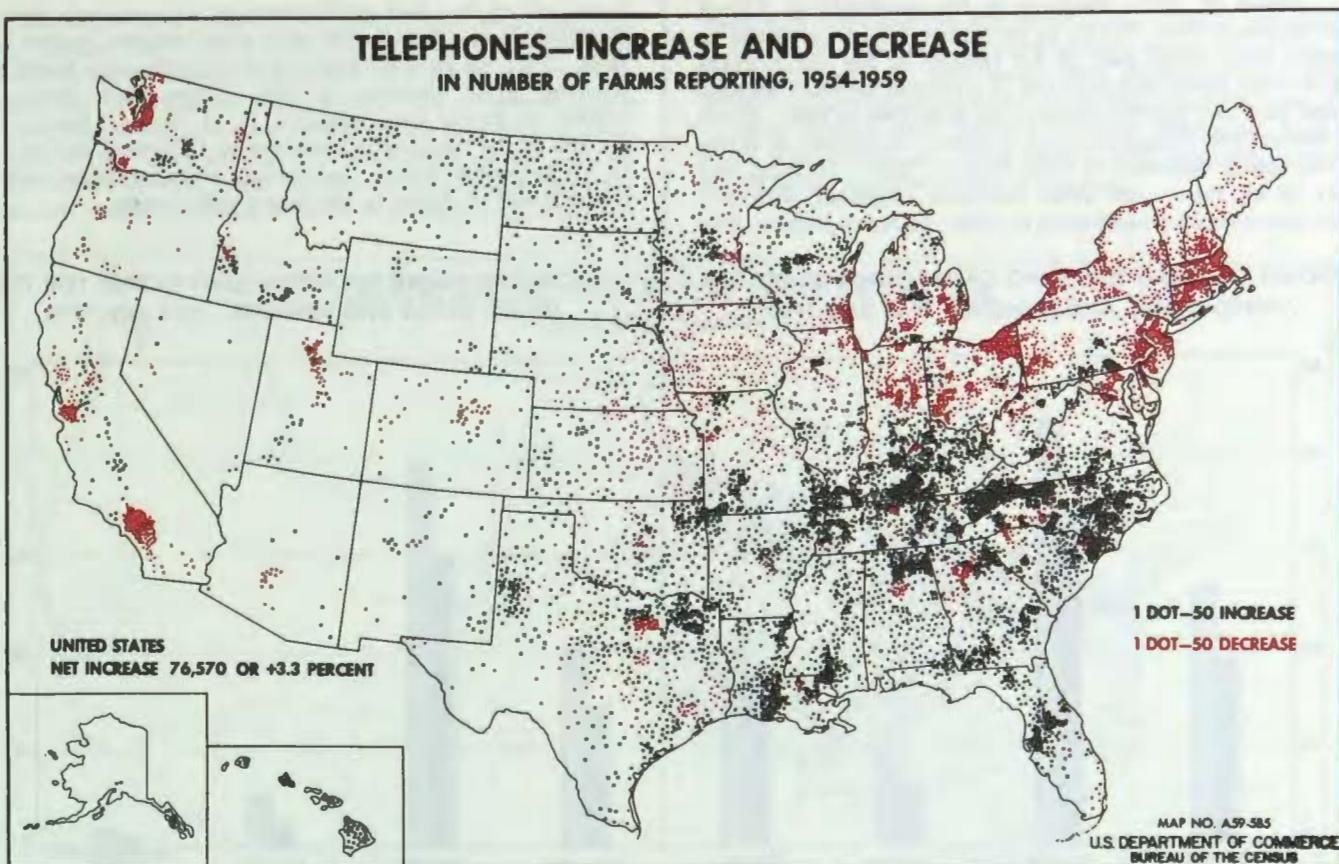
PERCENT OF FARMS REPORTING TELEPHONE FOR THE UNITED STATES AND REGIONS: 1954 AND 1959



Data for Alaska and Hawaii not included.

PERCENT OF FARMS REPORTING HOME FREEZER FOR THE UNITED STATES AND REGIONS: 1954 AND 1959



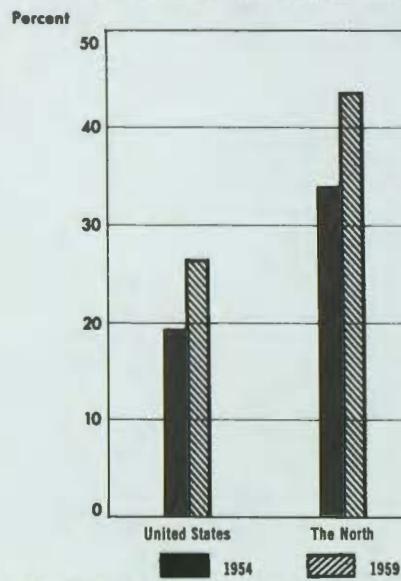


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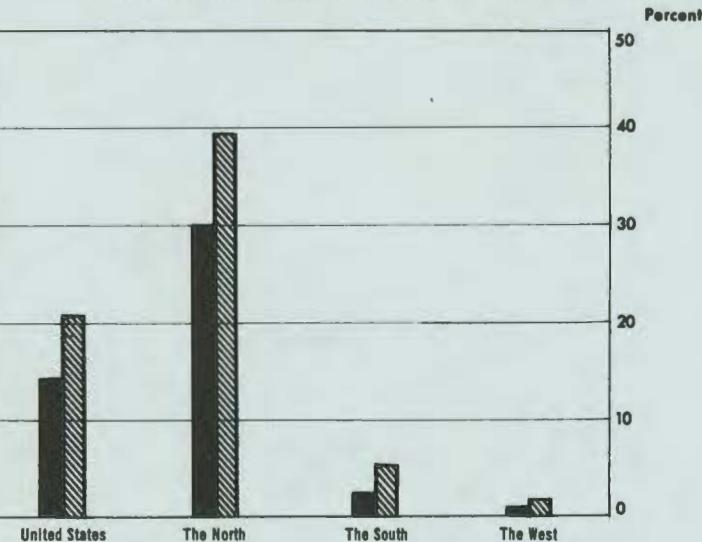
The number of grain combines in the conterminous United States increased from 979,000 in November 1954 to 1,042,000 in November 1959. This gain of 6.4 percent in the last 5 years was at a much lower rate than the 37.2 percent increase between 1950 and 1954, and the 91.0 percent rise from 1945 to 1950. Every State except New Hampshire had a higher proportion of farms reporting grain combines in 1959 than in 1954. In 1954, 19.3 percent of all farms had grain combines compared with 26.3 percent reporting such equipment in 1959. In North Dakota, four

farms out of five had grain combines as compared with New Hampshire's one farm in 200 with grain combine harvest equipment. Iowa led all other States with approximately 98,000 farms reporting grain combines in 1959. There were decreases in number of farms with combines in 21 States. Nearly three-fourths of the farms with combines in 1959 were located in the 12 North Central States. In general, grain combines tend to be concentrated on farms in the larger size groups.

**PERCENT OF FARMS REPORTING GRAIN COMBINES FOR THE UNITED STATES AND REGIONS: 1954 AND 1959**

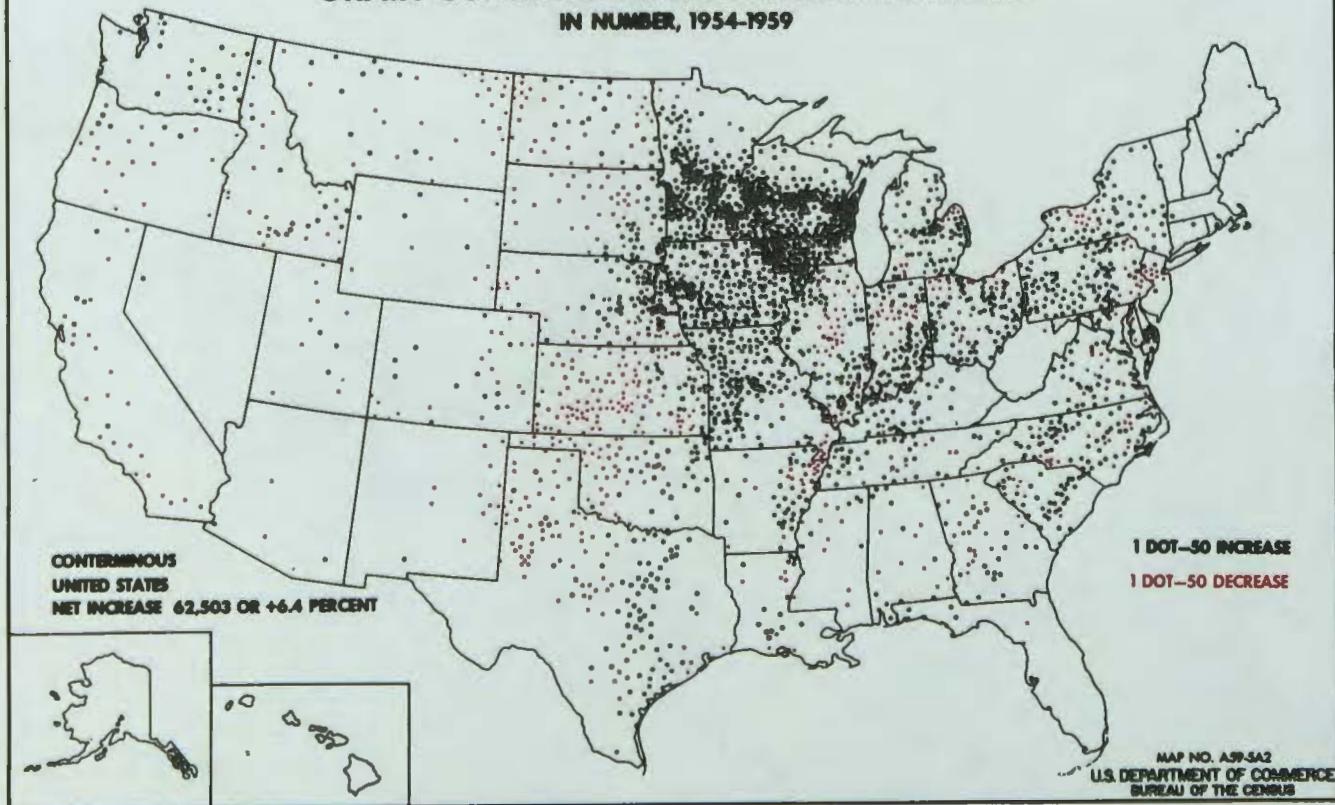


**PERCENT OF FARMS REPORTING CORN PICKERS FOR THE UNITED STATES AND REGIONS: 1954 AND 1959**



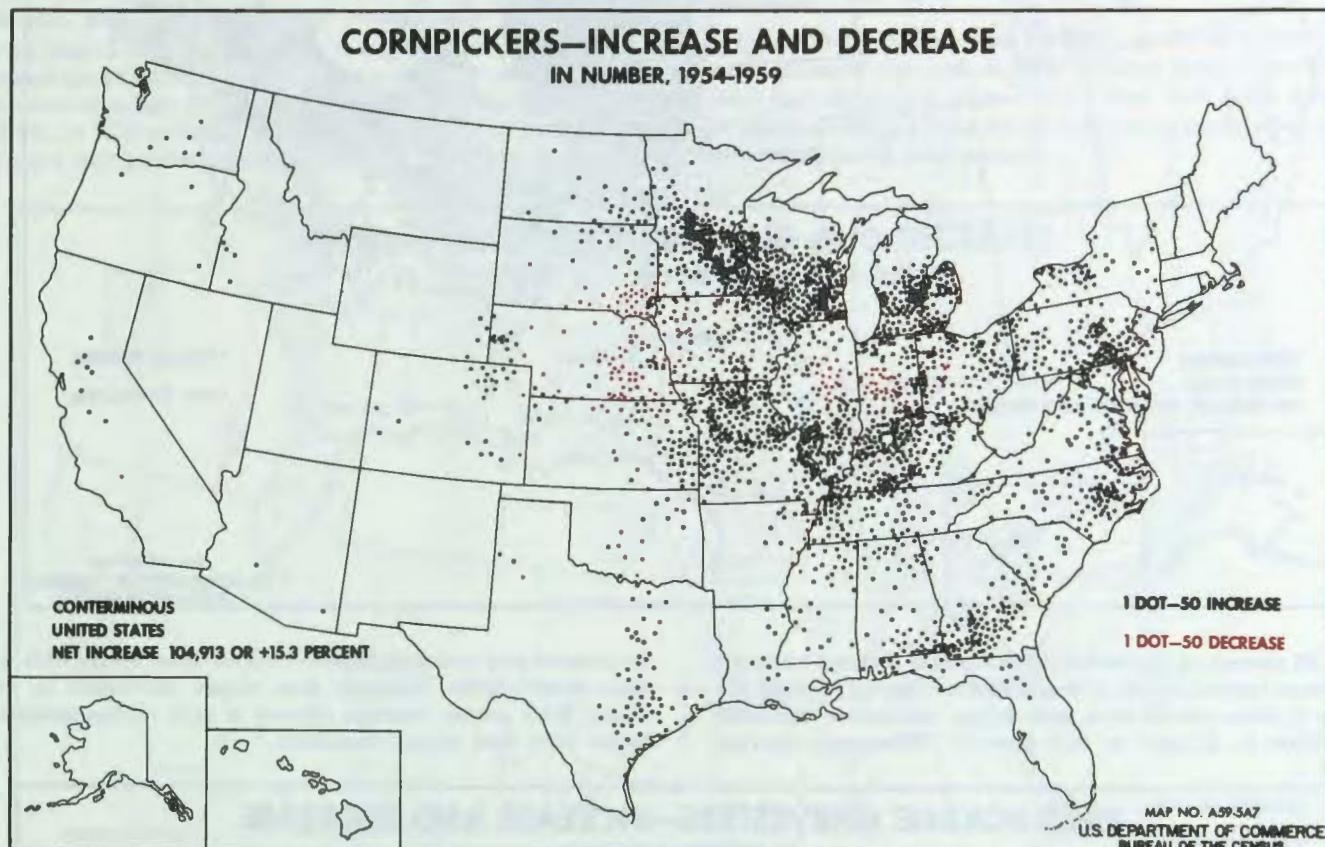
Data for Alaska and Hawaii not included.

**GRAIN COMBINES—INCREASE AND DECREASE IN NUMBER, 1954-1959**



The 105,000, or 15.3 percent, increase in farms reporting corn pickers during the 5 years ending in 1959 brought the total number of farms having such equipment to a new high of 767,000, or approximately 21 percent of all farms. The percent of farms with corn pickers had increased in every State even though there were four States (New Hampshire, Connecticut, South Dakota, and Nebraska) showing slight declines in the number of farms having corn pickers. Farms with corn pickers were more nu-

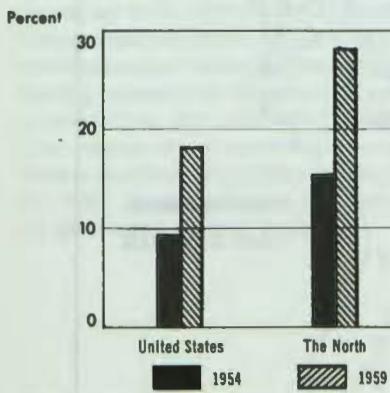
merous in Iowa than in any other State. Illinois reporting just over 100,000 farmers with corn pickers was next in line below Iowa's 122,000. In 1959, more than 517,000 farms with corn pickers, comprising 67.4 percent of the Nation's total, were located in seven States—Ohio, Indiana, Illinois, Minnesota, Iowa, Missouri, and Nebraska. These States each reported more than 40,000 farms equipped with corn pickers.



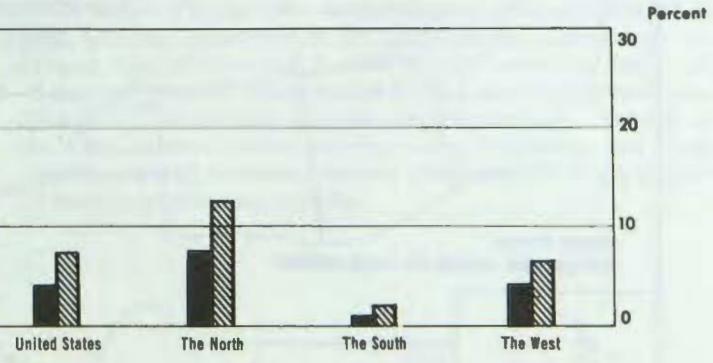
The proportion of farms with pick-up balers about doubled in the last 5 years, from 9.3 percent in 1954 to 18.1 percent in 1959. A relatively new addition to the farm implement line, the pick-up baler has found a place on 670,000 farms and there are now nearly as many farms with pick-up balers as there are farms with corn pickers in the United States. Every State reported an increase in farms with pick-up balers but the bulk of the increase came in the North Central States where the number of farms

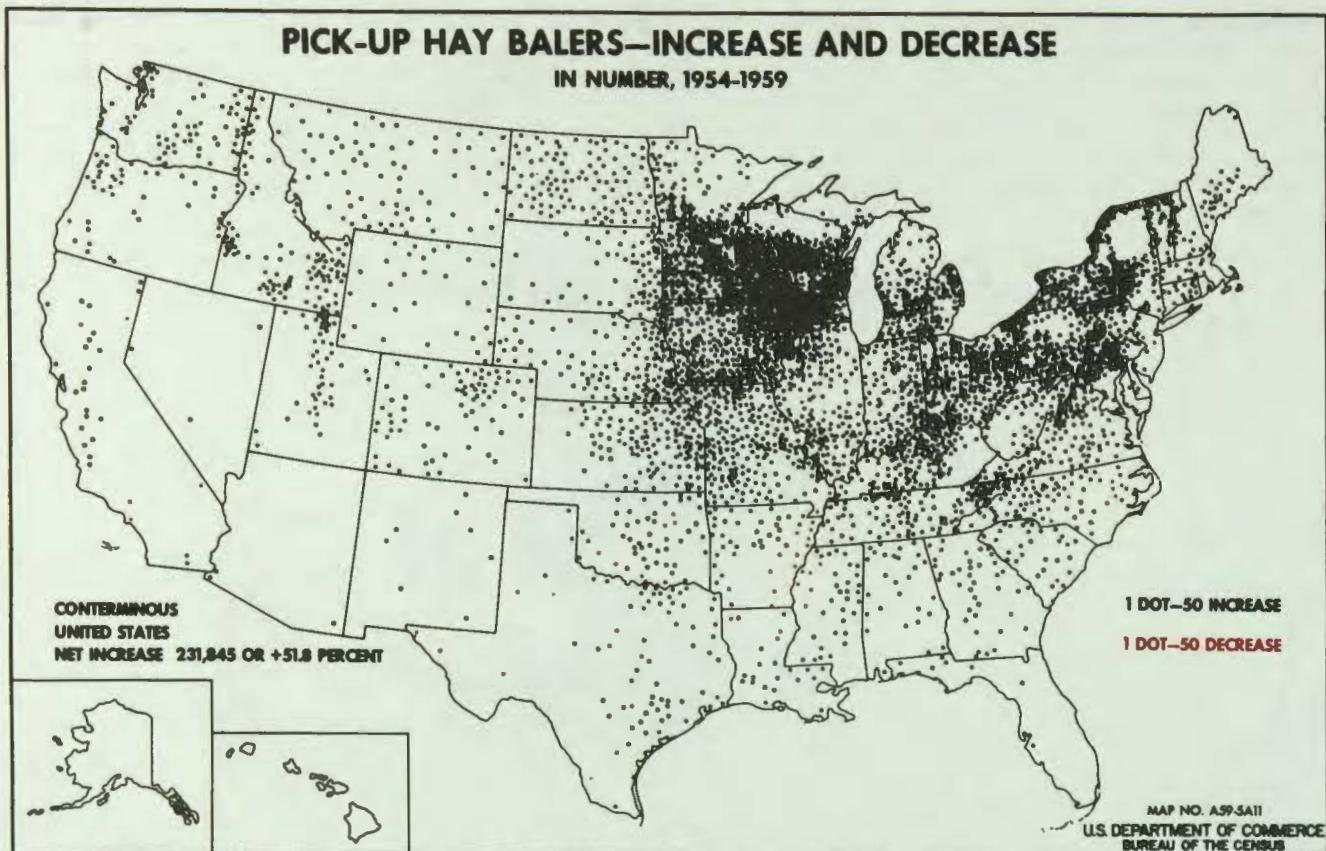
reporting pick-up balers increased from 255,000 in 1954 to 392,000 in 1959. Iowa, with more than 58,000, had more farms reporting pick-up balers than any other State. New York had the highest proportion with 44 percent. Florida reported the lowest percent of farms with pick-up balers. Fourteen States, including New York, Pennsylvania, and the 12 North Central States, accounted for 70 percent of all farms with pick-up balers.

PERCENT OF FARMS REPORTING PICK-UP BALERS FOR THE UNITED STATES AND REGIONS: 1954 AND 1959



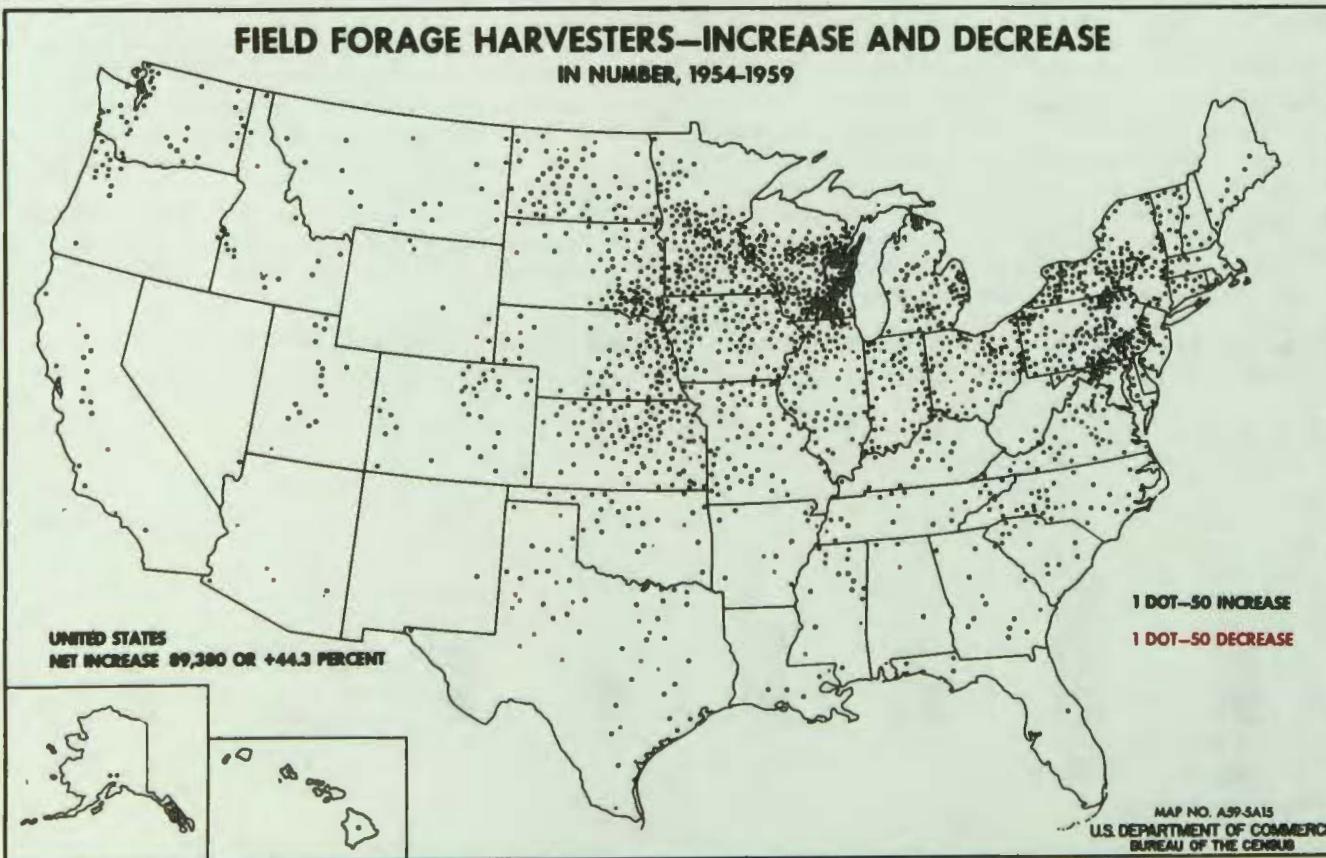
PERCENT OF FARMS REPORTING FIELD FORAGE HARVESTERS FOR THE UNITED STATES AND REGIONS: 1954 AND 1959





About 65 percent of the farms reporting field forage harvesters in 1959 were located in the 12 North Central States. During the previous 5 years, farms with field forage harvesters increased from 197,000 to 275,000, or 39.5 percent. Wisconsin reported

the largest gain and continued to lead all other States with more than 36,000 farms reporting field forage harvesters in 1959. Every State except Arizona showed a gain in the number of farms with field forage harvesters.

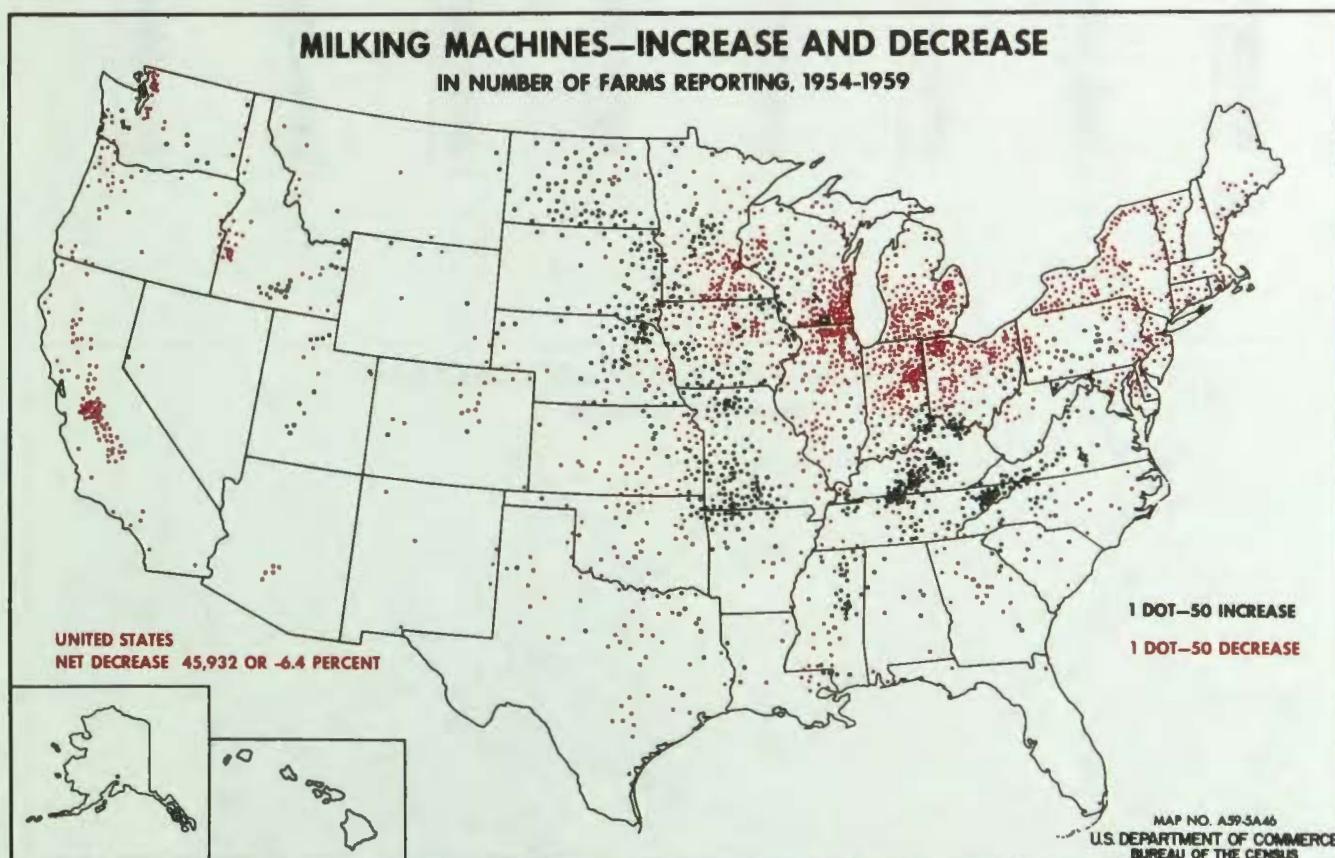


The presence of a power-operated elevator, conveyor, or blower was reported on more than 925,000 farms in the United States in 1959. Of the total, approximately 73 percent were located in the 12 North Central States. In reports on this type of farm equipment, Iowa led with more than 109,000 farms and Illinois was second with about 81,000. In total, about 51,000 farms reported crop driers for grain, forage, or other crops. Nearly 58 percent was reported in the 12 North Central States. In all, six States each had more than 3,000 farms with crop driers—Minnesota, Iowa, Nebraska, Ohio, Pennsylvania, and Illinois.

From 1954 to 1959, the number of farms with milking machines decreased from 712,000 to 668,000, or 6.5 percent. Farms reporting milk cows decreased during the same period from 2,957,000 to 1,887,000, or 37.9 percent. In 1954, 24.1 percent of farms with milk cows had milking machines while in 1959, 36.3 percent of

farms with milk cows had milking machines. Wisconsin, despite a reported decline in farms with milking machines, from 101,000 to 94,000, was the leading State in number of farms with milking machines. Minnesota with 72,000 farms with milking machines and Iowa with 47,000 followed Wisconsin in order of number of farms reporting. Of the 10 States which reported more farms with milking machines in 1959 than in 1954, Missouri showed the largest gain with an increase of nearly 4,000 farms having such equipment.

Electric milk coolers were reported on 428,000 farms in 1959. Approximately one farm in four of those farms reporting milk cows had an electric milk cooler. New York with 44,000 and Wisconsin with 39,000 led all other States in the number of farms reporting electric milk coolers.

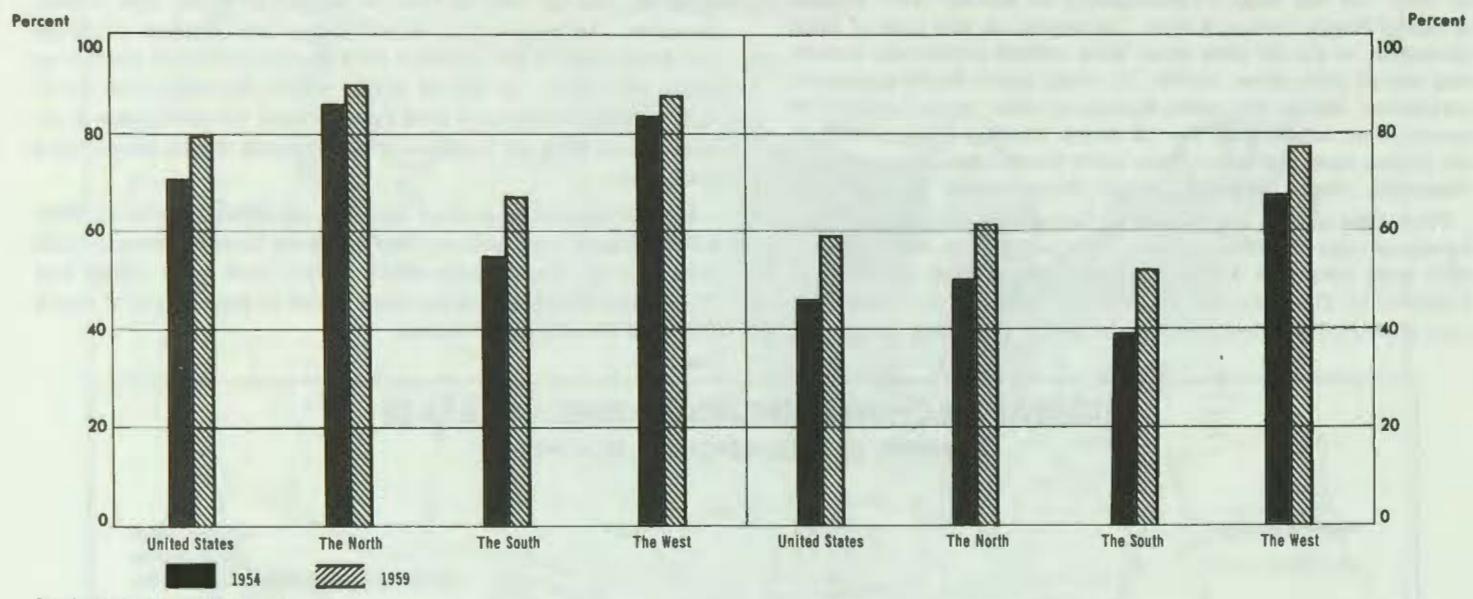


Even though the number of farms reporting automobiles decreased from 3,392,000 in 1954 to 2,952,000 in 1959 in the conterminous United States, the percent of all farms with automobiles increased from 70.9 to 79.8. Every one of the 48 conterminous States reported fewer farms with automobiles in 1959 than in the previous count 5 years earlier. However, the proportion of farms having automobiles increased in every State and in 1959 ranged upward from 52.8 percent in Mississippi to 94.8 percent in Iowa. The number of automobiles on farms in the conterminous United States declined about 634,000, from 4,263,000 in 1954 to 3,629,000 in 1959. Contributing to the decline was the marked reduction in the overall number of farms.

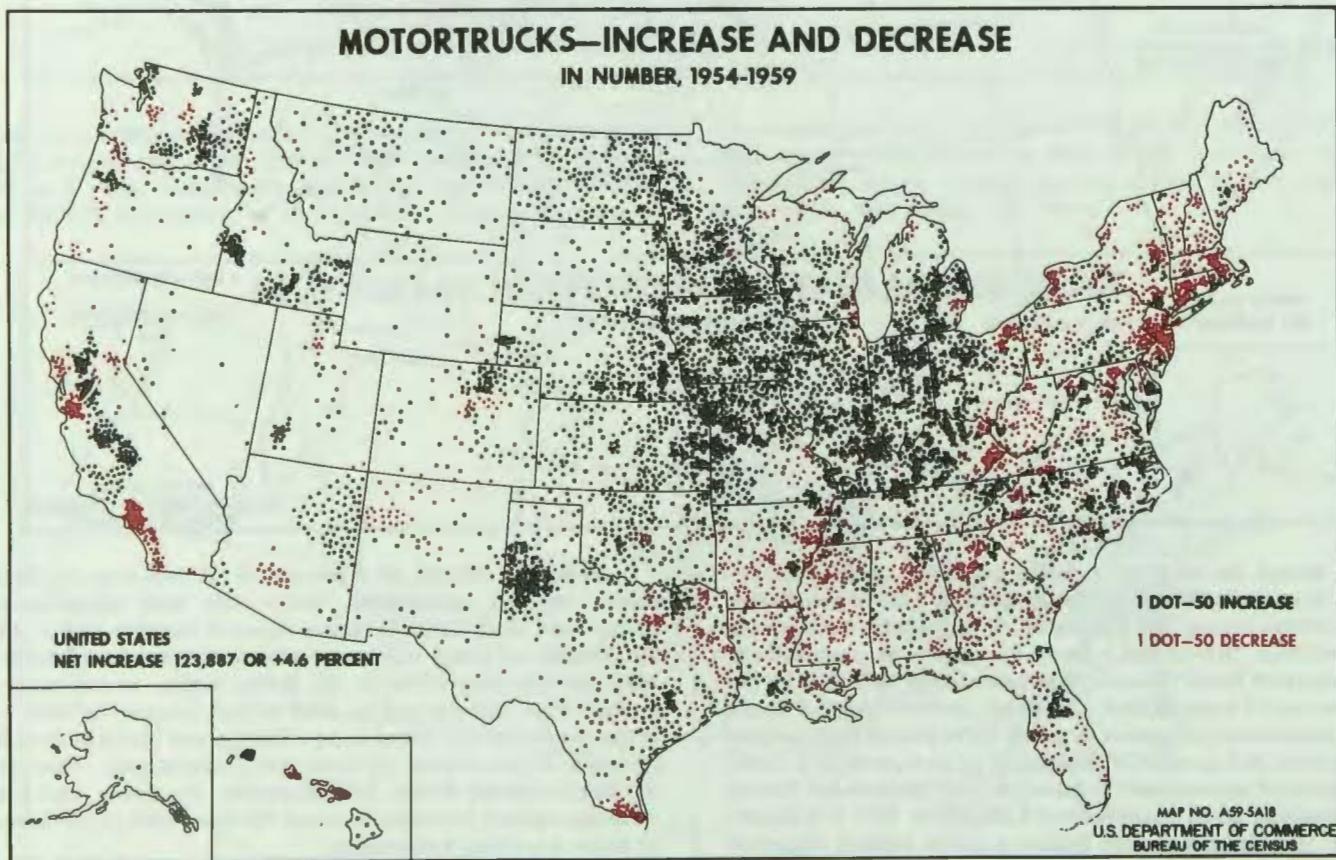
In 1920, only 132,000, or 2 percent of all farms in the United States, reported motortrucks. Since 1920, each census showed an increase until 2,213,000 farms reported motortrucks in 1954. The number of farms with motortrucks declined to 2,173,000 in 1959, but the proportion of all farms having motortrucks increased from 46.3 percent in 1954 to 58.7 percent in 1959. All of the North Central States except Kansas and North Dakota had increases in the number of farms with motortrucks. Outside of the North Central States, only Kentucky, Tennessee, and North Carolina showed increases between 1954 and 1959 in the number of farms reporting motortrucks.

## GENERAL REPORT

PERCENT OF FARMS REPORTING AUTOMOBILES FOR THE UNITED STATES AND REGIONS: 1954 AND 1959      PERCENT OF FARMS REPORTING MOTORTRUCKS FOR THE UNITED STATES AND REGIONS: 1954 AND 1959



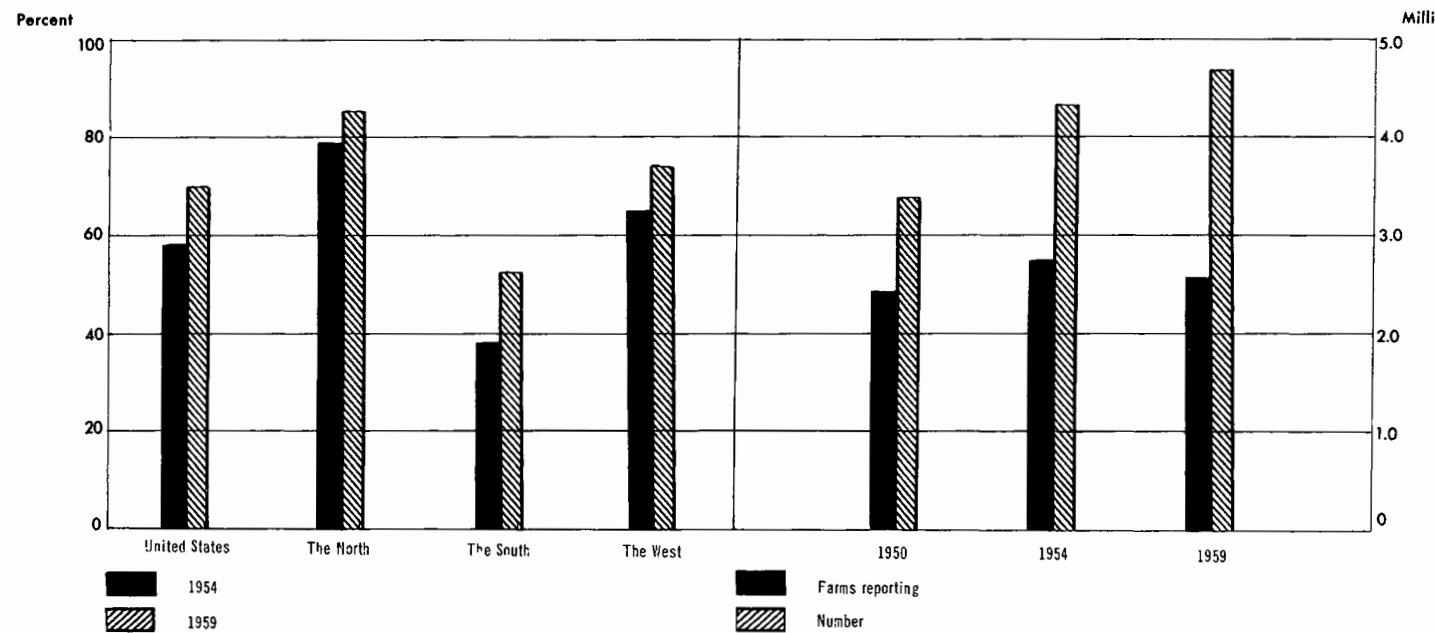
Data for Alaska and Hawaii not included.



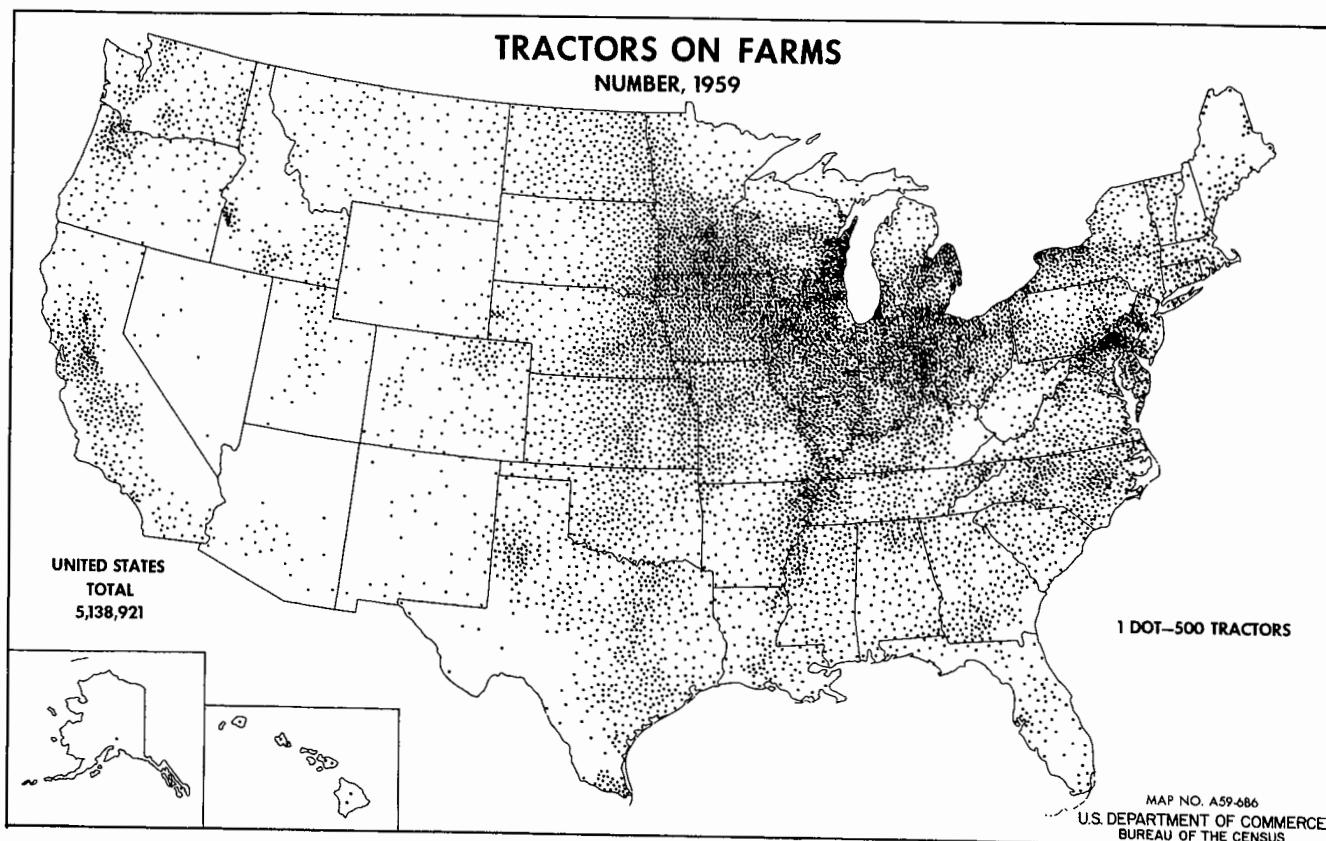
There are now on farms of the conterminous United States approximately 4,685,000 tractors of all types, sizes, and ages, but not including some 450,000 garden tractors and a considerable number of self-propelled machines, most of which are harvest machines. The 278 farms reporting 518 tractors in Alaska and 1,226 farms reporting 3,123 tractors in Hawaii are not included in these 1959 figures for the United States. The number of tractors, excluding garden tractors, increased 7.8 percent since

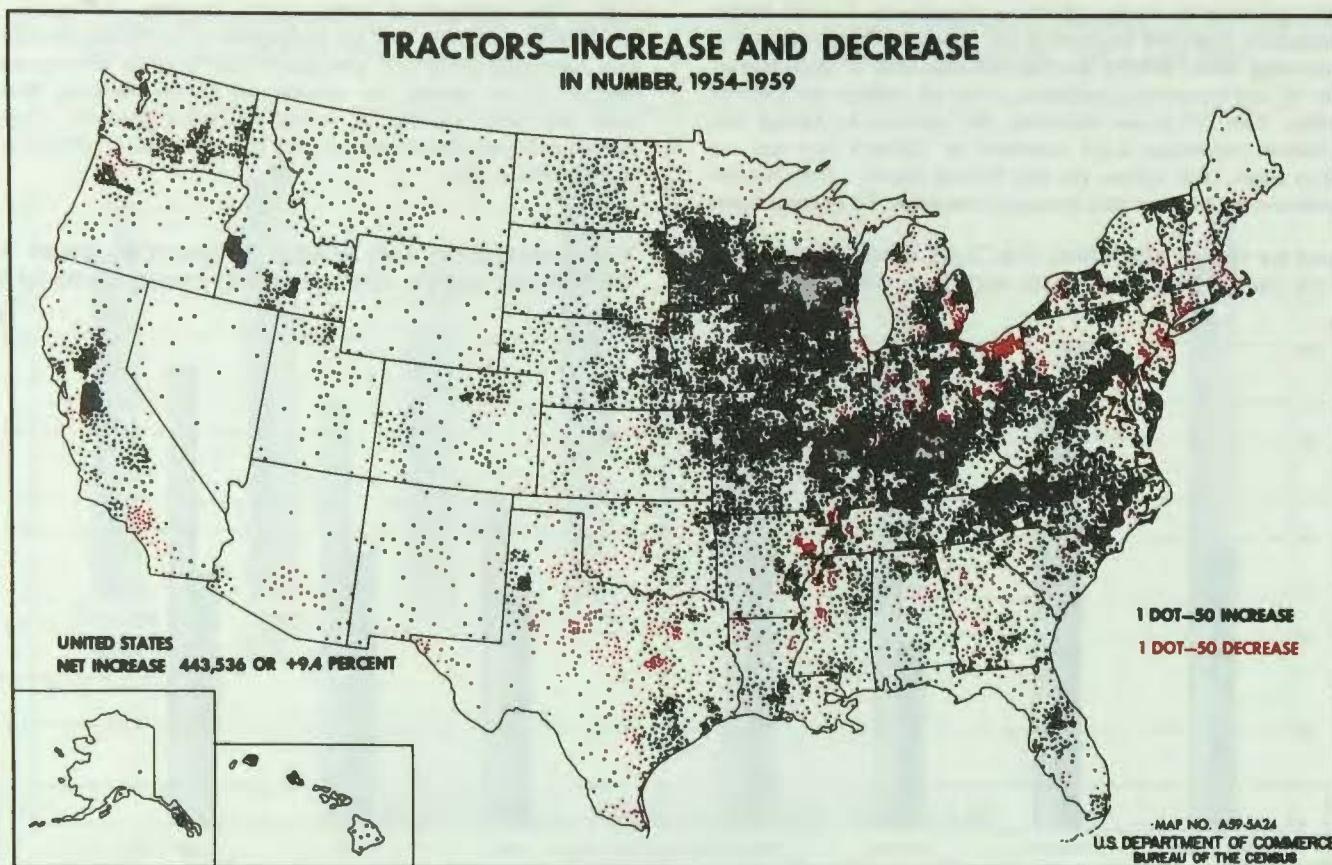
1954. The number of farms with tractors decreased from 2,877,000 to 2,677,000, but the proportion of all farms having tractors increased from 60.1 percent to 72.3 percent throughout the Nation. Even though the number of farms declined 22.6 percent, the total number of farms reporting tractors, excluding garden tractors, decreased only 6.8 percent from 2,773,000 in 1954 to 2,585,000 in 1959.

**PERCENT OF FARMS REPORTING TRACTORS, OTHER THAN GARDEN,  
FOR THE UNITED STATES AND REGIONS: 1954 TO 1959**



Data for Alaska and Hawaii not included.





Of the 2,773,000 farms reporting wheel and crawler tractors (garden tractors excluded) in 1954, 1,698,000 had only one tractor on each farm while 1,075,000 had two or more tractors per farm. Farms with one tractor accounted for 61.2 percent of all farms reporting tractors but they had only 39.1 percent of all wheel and crawler tractors on farms. The number of farms with one tractor decreased from 1,688,000 in 1954 to 1,293,000 in 1959, or 23.9 percent, while the number of farms with two or more tractors increased from 1,075,000 to 1,292,000, or 20.3 percent. The number of tractors on farms with two or more tractors increased from 2,647,000 to 3,393,000, or 28.2 percent. For the two or more trac-

tors per farm group, the average number of tractors per farm increased from 2.46 to 2.62. During the interval from November 1954 to November 1959, the number of farms reporting wheel and crawler tractors decreased 6.8 percent as the number of wheel and crawler tractors on farms increased 7.8 percent with a resultant increase in the average number of tractors per farm reporting from 1.57 in 1954 to 1.81 in 1959. The number of garden tractors increased nearly 30 percent during the 5-year period. The use of more tractors per farm is consistent with the increase in the average size of farm and particularly with the increase in the number of farms containing 500 acres or more.

Table 7.—FARMS REPORTING NUMBER OF TRACTORS, OTHER THAN GARDEN, PERCENT DISTRIBUTION, AND AVERAGE NUMBER OF TRACTORS PER FARM, BY SPECIFIED NUMBER OF TRACTORS, FOR THE UNITED STATES: 1959 AND 1954

[Data for conterminous United States are based on reports for only a sample of farms. See text.]

Item	All farms	Farms reporting tractors				Farms not reporting tractors
		Any tractors	1 tractor	2 tractors	3 or more tractors	
Farms reporting.....	1959... 3,707,973	2,586,788	1,294,040	809,969	482,779	1,121,185
1954 <sup>1</sup> ... 4,783,021	2,773,074	1,698,435	774,382	300,257	2,009,947	
Increase or decrease.....	percent <sup>1</sup> ... -22.6	-6.8	-23.9	4.4	37.8	-44.5
Percent distribution.....	1959... 100.0	69.8	34.9	21.9	13.0	30.2
	1954 <sup>1</sup> ... 100.0	58.0	35.5	16.2	6.3	42.0
Number of tractors.....	1959... 4,688,493	4,688,493	1,294,040	1,619,938	1,774,515	...
	1954 <sup>1</sup> ... 4,345,234	4,345,234	1,698,435	1,548,764	1,098,035	...
Increase or decrease.....	percent <sup>1</sup> ... 7.8	7.8	-23.9	4.4	38.1	...
Percent distribution.....	1959... ...	100.0	27.6	34.6	37.8	...
	1954 <sup>1</sup> ... ...	100.0	39.1	35.6	25.3	...
Average number of tractors per farm.....	1959... 1.26	1.81	1.00	2.00	3.68	...
	1954 <sup>1</sup> ... 0.91	1.27	1.00	2.00	3.66	...

<sup>1</sup>Data for Alaska and Hawaii not included.

# FARM FACILITIES, FARM EQUIPMENT

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**Table 8.—PERCENT OF FARMS REPORTING TRACTORS, OTHER THAN GARDEN, BY ECONOMIC CLASS OF FARM,  
FOR THE UNITED STATES: 1959**

[Data for conterminous United States are based on reports for only a sample of farms. See text.]

Economic class <sup>1</sup>	Percent of farms reporting by number of tractors reported					
	No tractors	1 tractor	2 tractors	3 tractors	4 tractors	5 or more tractors
All farms.....	30.2	34.9	21.8	8.7	2.6	1.7
Commercial farms.....	18.6	31.8	30.2	12.8	3.9	2.6
Other farms.....	51.9	40.7	6.3	0.9	0.2	0.1
Commercial:						
Class I (Farm sales of \$40,000 or more).....	8.1	9.8	16.4	21.2	16.2	28.4
Class II (Farm sales of \$20,000 to \$39,999).....	7.4	12.0	30.2	29.6	13.0	7.8
Class III (Farm sales of \$10,000 to \$19,999).....	6.9	18.3	43.2	23.3	6.1	2.1
Class IV (Farm sales of \$5,000 to \$9,999).....	11.0	33.6	40.3	12.1	2.4	0.7
Class V (Farm sales of \$2,500 to \$4,999).....	22.1	47.8	24.0	4.9	0.9	0.3
Class VI (Farm sales of \$50 to \$2,499).....	52.9	37.4	8.0	1.3	0.3	0.1
Other farms:						
Part-time (Farm sales of \$50 to \$2,499).....	48.2	43.6	7.0	1.0	0.2	0.1
Part-retirement (Farm sales of \$50 to \$2,499).....	60.2	34.4	4.6	0.6	0.1	(Z)
Abnormal (Farm sales of \$50 or more).....	25.7	18.9	15.2	11.1	7.9	21.2

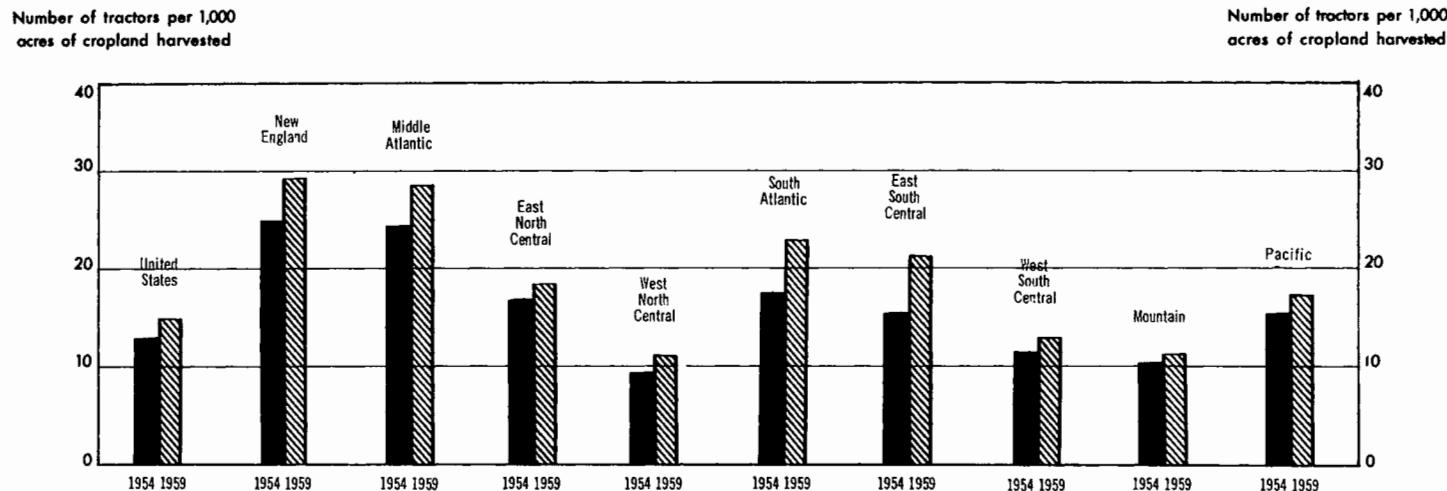
Z Less than 0.05 percent.

<sup>1</sup>The classification of commercial farms and other farms was made on the basis of total value of farm products sold, days of off-farm work by the operator, and the age of the operator. Farms with a value of sales of farm products of \$50 to \$2,499 were classified as "part-time" if the operator was under 65 years of age and he either worked off the farm 100 or more days or the income he and members of his household received from nonfarm sources was greater than the total value of farm products sold. "Part-retirement" farms include those with a value of sales of farm products of \$50 to \$2,499 if the farm operator was 65 years of age or older. Many of these are farms on which the income from nonfarm sources exceeded the value of sales of farm products. Others are residential, subsistence, or marginal farms. "Abnormal" farms comprise institutional and similar kinds of farms.

The increase in the number of tractors used per 1,000 acres of cropland harvested is another indication of the growth of farm mechanization. In 1920, less than one tractor was available for

each 1,000 acres of cropland harvested in the United States. By 1959 there were 15 tractors for each 1,000 acres of cropland harvested.

## NUMBER OF TRACTORS PER 1,000 ACRES CROPLAND HARVESTED, FOR THE UNITED STATES AND GEOGRAPHIC DIVISIONS: 1954 AND 1959



Data for Alaska and Hawaii not included.

**Table 9.—NUMBER OF TRACTORS PER 1,000 ACRES OF CROPLAND HARVESTED, BY REGIONS AND GEOGRAPHIC DIVISIONS: 1920 TO 1959**

[Data for conterminous United States for 1959, 1954, and 1950 are based on reports for only a sample of farms. See text.]

Geographic area	1959 <sup>1</sup>	1954 <sup>1</sup>	1950 <sup>1</sup>	1945	1940	1930	1925	1920
United States.....	14.9	NA	9.8	NA	NA	NA	NA	NA
Conterminous United States.....	14.9	13.0	9.8	6.9	4.9	2.6	1.5	0.7
The North.....	14.3	12.6	10.2	7.8	6.1	3.1	1.7	0.8
The South.....	17.4	14.0	9.1	4.9	2.6	1.3	0.8	0.3
The West.....	13.7	NA	9.9	NA	NA	NA	NA	NA
Conterminous area.....	13.6	12.5	9.9	6.8	5.3	3.0	1.9	1.3
New England.....	29.3	25.0	18.8	13.5	8.4	3.9	1.8	0.6
Middle Atlantic.....	28.5	24.6	19.7	14.2	9.4	5.7	3.0	0.8
East North Central.....	18.4	17.0	13.7	10.5	7.9	4.4	2.5	0.9
West North Central.....	10.9	9.4	7.5	5.7	4.7	2.3	1.2	0.8
South Atlantic.....	22.8	17.7	10.5	4.9	2.2	1.7	1.1	0.4
East South Central.....	21.3	15.7	9.2	3.6	1.6	1.0	0.6	0.2
West South Central.....	12.9	11.4	8.3	5.4	3.4	1.3	0.7	0.4
Mountain.....	11.2	10.4	7.7	5.2	4.1	2.1	1.0	1.1
Pacific.....	17.2	NA	13.3	NA	NA	NA	NA	NA
Conterminous area.....	17.2	15.5	13.3	9.3	7.0	4.8	3.5	1.6

NA Not available.

<sup>1</sup>Tractors other than garden.

With continued growth in farm mechanization and use of tractors, motortrucks, and automobiles for farm power and transportation, the number of horses and mules on farms declined from 4,141,000 on the 1,800,000 farms with horses or mules in 1954 to 2,948,000 on 1,138,000 farms reporting this type of livestock in 1959 in the conterminous United States. The farm operator's dependence on tractors for draft power becomes even more apparent when it is realized that many of the horses reported on farms in 1959 were used not as work or draft animals but as saddle horses mainly for exhibition, recreation, or other purposes.

## GENERAL REPORT

Table 10.—TELEPHONE—FARMS REPORTING, BY DIVISIONS AND STATES: 1920 TO 1959

[Data for conterminous United States for 1959, 1954, and 1950 are based on reports for only a sample of farms. See text.]

Region, division, and State	All farms, 1959	Telephone												Percent of all farms																			
		Farms reporting								Increase or decrease (-) 1954 to 1959				Number				Percent		1959		1954		1950		1945		1940		1930		1920	
		1959	1954	1950	1945	1940	1930	1920																									
1	U. S.	3,707,973	2,410,982	NA	2,059,659	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
2	Contiguous U.S.	3,701,364	2,406,405	2,332,309	2,057,556	1,866,109	1,526,954	2,139,194	2,498,493	74,096	3.2	65.0	48.8	38.2	31.8	25.0	34.0	38.7															
3	The North	1,714,492	1,384,767	1,442,539	1,394,757	1,331,654	1,101,675	1,523,170	1,711,158	-57,772	-4.0	80.8	70.6	61.5	53.6	42.7	59.5	61.9															
4	The South	1,645,028	745,800	606,008	427,946	343,638	282,479	441,315	634,220	139,792	23.1	45.3	26.2	16.1	11.9	9.4	13.7	19.8															
5	The West	348,453	280,415	NA	236,956	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
6	Contiguous area	342,844	275,838	283,762	234,853	190,817	142,800	174,709	153,115	-7,924	-2.8	80.7	67.2	50.9	38.6	28.0	34.7	32.0															
7	Geographic Divisions:																																
8	New England	56,861	49,774	66,164	75,182	94,899	68,319	76,284	80,510	-16,390	-24.8	87.5	80.9	72.9	63.1	50.5	61.1	51.4															
9	Middle Atlantic	197,866	171,020	196,259	182,693	161,781	123,357	161,879	189,344	-25,239	-12.9	86.4	76.3	61.7	46.6	35.4	45.3	44.5															
10	East North Central	666,118	541,828	563,664	533,183	487,701	402,707	560,462	678,862	-21,836	-3.9	81.3	70.5	60.2	51.1	40.0	58.0	62.6															
11	West North Central	793,647	622,145	616,452	603,699	587,273	507,292	724,545	762,442	-5,693	0.9	78.4	68.1	61.5	56.9	46.5	65.1	69.5															
12	South Atlantic	591,863	265,763	219,008	146,123	115,121	90,190	117,464	164,213	-46,755	-21.3	44.9	25.5	15.2	11.0	8.8	11.1	14.2															
13	East South Central	562,538	225,491	169,501	123,228	99,442	88,788	142,204	196,692	-55,990	-33.0	40.1	21.5	13.5	10.4	8.7	13.4	18.7															
14	West South Central	490,627	254,546	217,499	158,595	129,075	103,501	181,647	273,315	-37,047	-17.0	51.9	32.5	20.3	14.7	10.7	16.5	27.4															
15	Mountain	148,507	108,084	101,987	86,000	69,251	51,068	68,217	62,503	6,097	6.0	72.8	56.7	44.2	32.6	21.9	28.3	25.6															
16	Pacific	199,946	172,331	NA	150,956	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
17	Contiguous area	193,337	167,754	181,775	148,853	121,566	91,732	106,492	90,612	-14,021	-7.7	86.8	74.9	55.8	43.1	33.2	40.7	38.7															
18	New England:																																
19	Maine	17,342	14,251	16,981	19,467	22,642	17,105	22,189	23,632	-2,730	-16.1	82.2	72.7	64.1	53.7	43.9	56.9	49.0															
20	New Hampshire	6,544	5,591	8,212	10,055	11,795	8,528	9,313	10,166	-2,621	-31.9	85.4	78.8	75.1	62.8	51.5	62.5	49.5															
21	Vermont	12,167	10,161	11,920	13,267	14,604	11,052	15,093	16,752	-1,759	-14.8	83.5	74.5	69.7	55.1	46.9	60.6	57.6															
22	Massachusetts	11,149	10,490	15,504	17,309	26,295	17,066	16,581	16,537	-5,014	-32.3	94.1	89.5	78.0	71.1	53.5	64.8	51.7															
23	Rhode Island	1,400	1,298	2,003	2,338	1,302	1,742	1,685	2,220	-367	-22.0	92.7	85.3	76.9	64.9	49.8	52.4	41.3															
24	Connecticut	8,259	7,983	11,081	17,225	13,066	11,738	13,899	12,846	-3,899	-32.8	96.7	93.2	83.9	77.4	61.7	66.1	51.8															
25	Middle Atlantic:																																
26	New York	82,354	74,191	87,653	87,683	78,484	59,526	78,185	91,973	-13,462	-15.4	90.1	82.9	70.3	52.5	38.8	48.9	47.6															
27	New Jersey	15,463	14,469	19,932	17,829	13,842	9,359	10,373	9,484	-5,463	-27.4	93.6	87.8	72.0	52.8	36.2	40.9	31.9															
28	Pennsylvania	100,049	82,360	88,674	77,181	69,455	54,472	73,321	87,887	-6,314	-7.1	82.3	68.8	52.6	40.4	32.2	42.5	43.5															
29	East North Central:																																
30	Ohio	140,366	113,769	126,863	119,736	111,461	88,888	121,214	159,478	-13,094	-10.3	81.1	71.6	60.1	50.5	38.0	55.3	62.1															
31	Indiana	128,143	106,517	110,761	102,963	97,236	83,675	110,333	136,140	-24,44	-3.8	83.1	72.1	61.8	55.3	45.3	60.8	66.4															
32	Illinois	154,652	128,248	129,890	127,528	124,039	105,683	147,672	173,572	-1,642	-1.3	82.9	73.9	65.3	60.7	49.5	68.8	73.2															
33	Michigan	111,765	89,493	92,971	83,135	68,858	52,025	73,757	97,874	-3,478	-3.7	80.1	66.9	53.5	39.3	27.7	43.5	49.8															
34	Wisconsin	131,192	103,801	103,179	99,821	86,107	72,436	107,486	111,798	622	0.6	79.1	67.2	59.2	48.4	38.8	59.1	59.1															
35	West North Central:																																
36	Minnesota	145,639	114,181	112,921	107,279	103,178	87,939	114,693	110,568	-1,260	1.1	78.4	68.3	59.9	54.6	44.6	61.9	62.0															
37	Iowa	174,685	160,207	168,389	166,343	165,760	142,099	180,876	183,852	-8,182	-4.9	91.7	87.2	81.9	79.3	66.6	84.2	86.1															
38	Missouri	168,679	111,755	106,301	106,768	109,055	99,799	137,712	163,543	-5,454	5.1	66.3	52.7	46.4	44.9	39.0	53.8	62.2															
39	North Dakota	54,791	36,060	28,386	27,219	23,641	20,627	31,878	36,349	-7,747	27.0	65.8	45.9	41.7	34.0	27.9	40.9	46.8															
40	South Dakota	55,496	40,032	37,376	36,850	31,145	24,821	44,608	44,327	-2,656	7.1	72.1	59.9	55.6	45.3	34.3	53.6	59.4															
41	Nebraska	90,223	72,552	73,152	69,484	63,195	52,349	93,888	95,050	-600	-0.8	80.4	72.6	64.8	56.5	43.2	72.5	76.4															
42	Kansas	104,134	87,358	89,927	79,766	64,295	20,690	10,253	6,429	3,556	3.2	82.9	74.8	68.3	64.7	51.0	24.6	27.2															

# FARM FACILITIES, FARM EQUIPMENT

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**Table 11.—HOME FREEZER, MILKING MACHINE, AND ELECTRIC MILK COOLER— FARMS REPORTING, BY DIVISIONS AND STATES: 1945 TO 1959**

[Data for conterminous United States for 1959, 1954, and 1950 are based on reports for only a sample of farms. See text.]

Region, division, and State	Home freezer								Milking machine						Electric milk cooler			
	Farms reporting			Percent of all farms			Increase or decrease (-) 1954 to 1959		Farms reporting			Percent of—			Farms reporting, 1959	Percent of—		
	1959	1954	1950	1959	1954	1950	Number	Percent	1959	1954	1950	1945	1959	1954	Farms with milk cows, 1959	Dairy farms, 1959	Farms with milk cows, 1959	Dairy farms, 1959
1 U. S. ....	2,067,425	NA	650,687	55.8	NA	12.1	NA	NA	666,197	NA	636,448	NA	36.3	NA	155.5	428,380	23.3	100.0
2 Conterminous U.S.	2,064,850	1,541,415	650,512	55.8	32.2	12.1	523,435	34.0	666,037	712,022	636,341	365,065	36.3	24.1	155.6	428,276	23.3	100.0
3 The North .....	1,084,091	840,163	386,060	63.2	41.1	17.0	243,928	29.0	525,469	565,891	509,231	305,861	56.9	41.3	158.7	322,916	34.9	97.5
4 The South .....	764,747	522,476	187,453	46.5	22.5	7.1	242,271	46.4	82,729	78,439	64,230	19,598	10.7	5.7	123.6	78,318	10.2	117.0
5 The West .....	218,587	NA	77,174	62.7	NA	16.5	NA	NA	57,999	NA	62,987	NA	40.8	NA	191.3	27,146	19.1	90.0
6 Conterminous area ..	216,012	178,776	76,999	63.2	42.3	16.7	37,236	20.8	57,839	67,692	62,880	39,606	40.9	31.5	191.7	27,042	19.1	89.6
<b>Geographic Divisions:</b>																		
7 New England .....	31,799	32,392	18,994	55.9	39.6	18.4	-593	-1.8	21,941	25,617	25,575	19,086	68.7	51.3	118.3	22,201	69.5	119.7
8 Middle Atlantic .....	130,962	122,023	67,442	66.2	47.4	22.8	8,939	7.3	85,102	94,396	90,038	64,387	72.0	58.0	115.6	83,646	70.8	113.6
9 East North Central .....	446,403	371,199	186,905	67.0	46.5	21.1	75,204	20.3	217,949	251,569	235,981	146,481	65.9	48.9	140.3	133,547	40.4	86.0
10 West North Central .....	474,927	314,349	112,719	59.8	34.7	11.5	160,378	51.0	200,477	194,309	157,637	75,907	43.0	30.2	240.1	83,522	18.8	100.0
11 South Atlantic .....	283,815	201,278	68,149	48.0	23.4	7.1	82,537	41.0	26,648	27,426	22,002	8,074	10.6	5.9	112.0	27,080	10.7	113.8
12 East South Central .....	229,035	131,485	45,760	40.7	16.7	5.0	97,550	74.2	32,047	24,510	19,070	4,349	10.5	4.8	128.0	32,006	10.5	127.8
13 West South Central .....	251,897	189,713	73,544	51.3	28.4	9.4	62,184	32.8	24,034	26,503	23,158	7,175	11.2	6.7	132.7	19,232	9.0	106.2
14 Mountain .....	97,549	75,703	28,488	65.7	42.1	14.6	21,846	28.9	28,055	30,834	26,672	14,310	36.5	28.0	220.1	12,576	16.3	98.6
15 Pacific .....	121,038	NA	48,686	60.5	NA	17.8	NA	NA	29,944	NA	36,315	NA	46.0	NA	170.5	14,570	22.4	83.0
16 Conterminous area ..	118,463	103,073	48,511	61.3	42.5	18.2	15,390	14.9	29,784	36,858	36,208	25,296	46.2	35.2	170.9	14,466	22.4	83.0
<b>New England:</b>																		
17 Maine .....	9,132	8,200	4,259	52.7	35.1	14.0	932	11.4	4,307	5,091	4,770	3,092	47.0	33.5	132.2	4,315	47.1	132.5
18 New Hampshire .....	3,762	3,958	2,325	57.5	38.0	17.4	-196	-5.0	2,427	2,664	2,931	1,953	66.0	44.8	134.6	2,398	65.2	133.0
19 Vermont .....	7,336	6,645	3,700	60.3	41.5	19.4	691	10.4	8,733	9,813	9,837	8,008	88.0	74.4	111.5	8,975	90.4	116.4
20 Massachusetts .....	5,780	6,691	4,253	51.8	38.6	19.2	-911	-13.6	3,236	4,104	4,067	2,794	71.5	51.5	114.9	3,279	72.4	116.4
21 Rhode Island .....	635	661	391	45.4	33.8	15.0	-26	-3.9	428	481	493	385	75.9	53.1	101.9	437	77.5	104.0
22 Connecticut .....	5,154	6,237	4,066	62.4	48.9	26.1	-1,083	-17.4	2,810	3,464	3,477	2,854	68.7	51.3	116.3	2,797	68.4	115.8
<b>Middle Atlantic:</b>																		
23 New York .....	53,881	50,431	29,277	65.4	47.7	23.5	3,450	6.8	45,049	51,243	50,831	40,792	84.1	71.1	115.3	43,690	81.5	111.8
24 New Jersey .....	8,854	9,919	5,968	57.3	43.7	24.1	-1,065	-10.7	3,008	3,798	3,570	67.6	52.5	109.6	3,019	67.9	110.0	
25 Pennsylvania .....	68,227	61,673	32,197	68.2	47.9	21.9	6,554	10.6	37,045	39,349	35,409	20,025	61.6	47.2	116.4	36,937	61.4	116.0
<b>East North Central:</b>																		
26 Ohio .....	90,315	79,408	36,139	64.3	44.8	18.1	10,907	13.7	35,402	41,896	39,436	20,059	52.8	38.5	159.5	30,579	45.6	137.7
27 Indiana .....	89,105	77,352	37,116	69.5	50.3	22.3	11,753	15.2	24,340	30,198	28,105	13,826	49.2	34.1	223.9	18,242	36.9	167.8
28 Illinois .....	108,144	89,657	47,805	69.9	51.0	24.5	18,487	20.6	26,357	32,252	31,970	19,479	45.7	31.1	234.9	18,959	32.9	168.9
29 Michigan .....	71,854	60,183	29,026	64.3	43.3	18.7	11,671	19.4	37,743	46,462	42,269	27,060	72.9	55.8	153.0	26,869	51.9	108.9
30 Wisconsin .....	86,985	64,599	36,819	63.3	42.1	21.8	22,386	34.7	94,107	100,761	94,201	66,057	89.9	77.6	109.0	38,898	37.2	45.0
<b>West North Central:</b>																		
31 Minnesota .....	92,482	63,799	29,408	63.5	38.6	16.4	28,683	45.0	71,707	73,989	65,049	37,913	77.7	60.2	166.0	27,237	29.5	63.0
32 Iowa .....	115,130	78,603	30,394	65.9	40.7	15.0	36,527	46.5	46,967	48,432	42,305	21,236	49.7	34.9	141.1	23,256	24.6	205.0
33 Missouri .....	83,837	51,092	16,200	49.7	25.3	7.0	32,745	64.1	23,632	19,773	14,186	4,092	24.5	13.6	143.0	15,339	15.9	92.8
34 North Dakota .....	37,516	25,222	8,244	68.5	40.8	12.6	12,294	48.7	14,935	11,881	7,613	3,232	49.0	27.8	164.5	1,323	4.3	58.0
35 South Dakota .....	34,835	21,849	6,136	62.8	35.0	9.3	12,986	59.4	11,301	8,876	5,734	1,484	35.3	20.8	433.7	3,576	11.2	137.2
36 Nebraska .....	57,007	37,503	11,063	63.2	37.2	10.3	19,504	52.0	15,513	13,913	9,482	2,612	31.2	19.3	660.1	3,980	8.0	169.4
37 Kansas .....	54,120	36,481	11,274	52.0	30.3	8.6	17,639	48.4	16,422	17,445	13,268	5,338	34.1	22.1	316.1	8,811	18.3	169.6
<b>South Atlantic:</b>																		
38 Delaware .....	3,353	3,279	1,598	64.4	52.1	21.4	74	2.3	980	1,129	1,053	653	52.9	39.3	134.6	994	53.6	136.5
39 Maryland .....	15,652	14,468	7,092	62.3	44.5	19.6	1,184	8.2	5,697	6,375	5,316	50.3	36.7	112.4	5,599	49.4	110.4	
40 District of Columbia .....	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41 Virginia .....	41,404	31,958	11,607	42.4	23.4	7.7	9,446	29.6	6,565	5,101	4,132	1,248	11.4	5.5	104.9	7,144	12.4	114.1
42 West Virginia .....	16,654	12,593	4,752	37.9	18.4	5.8	4,061	32.2	2,835	3,116	2,303	684	9.4	5.9	104.8	2,696	9.0	99.7
43 North Carolina .....	91,769	58,833	16,182	48.2	22.0	5.6	32,936	56.0	5,266	5,402	3,575	604	7.2	4.0	117.4	5,454	7.4	121.6
44 South Carolina .....	35,538	26,182	9,175	45.5	21.1	6.6	9,356	35.7	1,729	1,718	1,355	484	6.7	3.2	118.2	1,634	6.4	111.7
45 Georgia .....	56,668	37,356	11,755	53.3	22.6	5.9	19,312	51.7	3,424	3,042	920	6,381	3.8	1.7	117.9	2,746	6.4	118.4
46 Florida .....	22,777	16,609	5,988	50.6	28.9	10.5	6,168	37.1	841	983	325	9.5	6.7	110.2	813	9.2	106.6	
<b>East South Central:</b>																		
47 Kentucky .....	55,617	30,273	12,165	36.8	15.6	5.6	25,344	83.7	12,924	9,097	7,143	1,324	14.2	6.6	157.8	12,796	14.1	156.3
48 Tennessee .....	66,386	35,772	12,447															

## GENERAL REPORT

Table 12.—SPECIFIED FARM EQUIPMENT—FARMS REPORTING AND

[Data for conterminous United States are based

Region, division, and State	All farms, 1959	Grain combines								Corn pickers								Pick-up balers		
		Farms reporting				Number				Farms reporting				Number				Farms reporting		
		1959	1954	1950	1945	1959	1954	1950	1945	1959	1954	1950	1959	1954	1950	1959	1954	1950		
1 U. S. ....	3,707,973	974,735	NA	NA	NA	1,041,553	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	669,540	NA	NA	
2 Contem- nous U.S.	3,701,364	974,710	923,709	665,378	349,576	1,041,527	979,050	713,633	373,687	766,948	676,088	447,387	792,379	687,466	455,519	669,531	442,872	191,658		
3 The North....	1,714,492	743,655	692,678	474,537	252,630	776,989	718,718	498,120	265,840	672,627	613,815	421,619	694,769	623,847	428,924	483,616	315,693	122,960		
4 The South....	1,645,028	160,881	155,750	125,959	56,998	178,940	171,061	140,327	63,348	87,646	57,779	22,430	90,450	58,944	23,133	122,673	85,502	50,507		
5 The West....	348,453	70,199	NA	NA	NA	85,624	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	63,251	NA	NA	
6 Contem- nous area...	341,844	70,174	75,281	64,882	39,948	85,598	89,271	75,186	44,499	6,665	4,494	3,338	7,160	4,675	3,452	63,242	41,677	18,191		
Geo. Div.:																				
7 N. E. ....	56,861	1,736	1,822	1,169	540	1,781	1,842	1,216	573	388	284	162	388	284	162	14,502	8,984	3,067		
8 M. A. ....	197,866	46,288	40,831	26,601	13,485	47,372	41,670	27,377	14,164	30,369	22,811	10,886	31,042	23,084	11,007	77,321	51,690	19,838		
9 E. N. C. ....	666,118	128,656	264,891	187,152	94,077	299,460	271,280	192,338	97,527	289,076	259,698	172,788	299,130	264,752	176,352	187,459	122,476	52,854		
10 W. N. C. ....	793,647	408,975	385,134	259,615	144,528	423,376	403,926	277,189	153,579	352,804	331,022	237,783	364,209	335,727	241,413	204,334	132,543	47,201		
11 S. A. ....	591,863	52,774	48,654	38,611	14,815	56,246	51,237	41,105	16,139	39,290	26,615	8,993	40,659	27,126	9,164	47,751	31,374	18,589		
12 F. S. C. ....	562,538	32,694	30,626	24,746	9,188	36,105	33,638	27,710	10,492	33,530	19,804	7,960	34,421	20,117	8,248	41,080	26,641	16,031		
13 W. S. C. ....	490,627	75,413	76,470	62,601	32,995	86,589	86,186	71,512	36,717	14,826	11,360	5,477	15,370	11,701	5,721	33,842	27,487	15,887		
14 M. L. ....	148,507	46,792	50,378	43,071	25,882	55,042	57,934	48,939	28,328	5,084	3,539	2,906	5,301	3,577	2,970	40,697	24,786	9,467		
15 Pac. ....	199,946	23,407	NA	NA	NA	30,582	NA	NA	NA	NA	NA	NA	NA	NA	NA	22,554	NA	NA		
16 Contem- nous area...	193,337	23,382	24,903	21,811	14,066	30,556	31,337	26,247	16,171	1,581	955	432	1,859	1,098	482	22,545	16,891	8,724		
N. E.:																				
17 Maine ....	17,342	1,063	1,107	515	201	1,077	1,116	530	224	48	13	18	48	13	18	3,089	1,795	524		
18 N. H. ....	6,544	34	120	78	39	125	83	82	30	40	17	30	40	17	17	1,659	975	281		
19 Vt. ....	12,167	413	353	298	186	431	356	309	187	78	27	24	78	27	24	2,145	2,700	821		
20 Mass. ....	11,149	98	92	138	15	98	94	144	20	100	67	48	100	67	48	2,310	1,785	690		
21 R. I. ....	1,400	23	21	32	5	24	21	37	8	51	26	6	51	26	6	242	174	64		
22 Conn. ....	8,259	105	129	108	51	112	130	113	52	81	111	49	81	111	49	2,057	1,555	687		
M. A.:																				
23 N. Y. ....	82,354	18,028	16,444	10,498	5,528	18,702	16,998	10,830	5,853	6,631	4,642	1,795	6,819	4,766	1,827	36,039	24,470	8,946		
24 N. J. ....	15,463	2,173	2,420	1,925	875	2,239	2,454	2,009	875	2,101	1,933	1,006	2,179	1,973	1,022	3,159	2,962	1,751		
25 Pa. ....	100,049	26,087	21,967	14,178	7,082	26,431	22,218	14,538	7,436	21,637	16,236	8,085	22,044	16,345	8,158	38,123	24,258	9,141		
E. N. C.:																				
26 Ohio ....	140,366	55,358	52,896	39,386	18,904	57,060	54,211	40,315	19,545	58,372	53,936	34,241	59,848	54,580	34,691	41,507	29,215	12,241		
27 Ind. ....	128,143	52,716	49,831	37,006	16,914	54,238	50,933	37,865	17,720	65,201	62,308	44,627	67,272	63,541	45,289	25,655	18,723	9,577		
28 Ill. ....	154,652	89,856	88,140	69,520	37,272	93,366	90,736	71,978	38,470	100,183	96,787	73,307	105,542	99,588	75,532	38,466	29,749	15,433		
29 Mich. ....	111,765	44,350	42,349	26,588	12,251	45,764	43,313	27,234	12,920	30,817	23,303	10,585	31,289	23,514	10,681	28,230	19,090	7,342		
30 Wis. ....	131,192	44,376	31,675	14,652	8,736	45,032	32,087	14,246	8,872	34,503	23,364	10,028	35,179	23,529	10,159	53,601	25,699	8,261		
W. N. C.:																				
31 Minn. ....	145,639	70,590	59,656	30,161	15,233	73,278	61,331	31,262	16,021	70,794	62,079	45,249	73,011	62,813	45,792	45,380	25,010	7,700		
32 Iowa ....	174,685	97,987	87,214	51,424	23,110	99,709	88,318	52,275	23,678	121,594	119,347	91,175	125,394	121,047	92,516	58,189	38,274	13,042		
33 Mo. ....	168,679	49,837	43,087	26,210	10,483	51,993	44,572	27,726	11,127	44,752	33,876	16,972	46,195	34,310	17,286	31,327	20,609	8,912		
34 N. Dak. ....	54,791	43,381	45,816	35,043	21,234	48,732	49,822	38,194	23,261	6,707	5,674	5,343	6,851	5,724	5,477	13,801	8,617	2,350		
35 S. Dak. ....	55,496	31,599	31,739	20,438	10,210	33,206	33,204	21,812	10,831	31,323	32,129	25,705	32,230	32,697	26,160	12,981	9,804	2,935		
36 Nebr. ....	90,223	50,696	49,152	35,028	19,426	53,343	51,088	37,036	20,591	56,179	58,568	41,399	58,572	41,989	18,414	12,413	4,216	4,216		
37 Kans. ....	104,134	64,885	68,470	61,311	44,832	72,115	75,591	68,884	48,067	21,455	19,349	11,940	21,982	19,564	12,193	24,242	17,816	8,046		
S. A.:																				
38 Del. ....	5,203	1,776	1,603	1,082	448	1,903	1,671	1,142	472	1,898	1,784	643	2,006	1,858	649	843	693	400		
39 Md. ....	25,108	5,661	5,468	3,815	1,403	5,934	5,653	4,031	1,465	5,483	5,004	2,513	5,717	5,116	2,569	6,497	4,873	2,162		
40 D. C. ....	NA	NA	NA	1	NA	NA	NA	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	1		
41 Va. ....	97,619	9,756	8,660	6,071	2,855	10,133	8,948	6,388	3,044	7,647	5,949	2,407	7,914	6,019	2,440	14,148	9,032	3,507		
42 W. Va. ....	43,982	923	828	621	330	951	839	626	331	1,143	830	393	1,177	843	394	5,382	2,505	611		
43 N. C. ....	190,511	16,665	15,112	12,742	4,586	17,335	15,547	13,252	4,934	10,175	6,655	1,903	10,494	6,774	1,937	9,942	6,948	5,728		
44 S. C. ....	78,163	7,800	7,065	6,290	1,782	8,595	7,579	6,765	2,022	1,688	902	382	1,771	930	390	4,212	2,929	2,159		
45 Ga. ....	106,271	9,285	9,075	7,560	3,201	10,340	10,055	8,389	3,629	9,410	4,585	659	9,877	4,657	687	5,742	3,860	3,721		
46 Fla. ....	45,006	908	843	430	210	1,055	945	512	242	1,846	906	93	1,903	929	98	985	534	301		
E. S. C.:																				
47 Ky. ....	150,972	9,993	8,716	6,617	2,243	10,617	9,221	7,046	2											

# FARM FACILITIES, FARM EQUIPMENT

213

## NUMBER, BY DIVISIONS AND STATES: 1959, 1954, 1950, AND 1945

on reports for only a sample of farms. See text.]

Pick-up balers—Continued			Field forage harvesters				Crop drier (for grain, forage, or other crops), farms reporting, 1959	Power-operated elevator, conveyor, or blower, farms reporting, 1959	Percent of farms reporting												
Number			Farms reporting		Number				Grain combines			Corn pickers		Pick-up balers		Field forage harvesters		Crop drier (for grain, forage, or other crops), 1959	Power-operated elevator, conveyor, or blower, 1959		
1959	1954	1950	1959	1954	1959	1954			1959	1954	1950	1959	1954	1959	1954	1959	1954				
679,776	NA	NA	275,282	NA	290,985	NA	51,523	925,450	26.3	NA	NA	NA	NA	18.1	NA	7.4	NA	1.4	25.0	1	
679,754	447,909	195,858	275,134	197,265	290,782	201,605	50,989	925,121	26.3	19.3	12.4	20.7	14.1	18.1	9.3	7.4	4.1	1.4	25.0	2	
488,031	317,673	124,877	217,773	155,997	227,788	158,139	37,296	768,407	43.4	33.9	20.9	39.2	30.0	28.2	15.5	12.7	7.6	2.2	44.8	3	
125,715	86,950	51,869	34,391	23,994	37,223	25,099	9,499	88,901	9.8	6.7	4.7	5.3	2.5	7.5	3.7	2.1	1.0	0.6	5.4	4	
66,030	NA	NA	23,118	NA	25,974	NA	4,728	68,142	20.1	NA	NA	NA	18.2	NA	6.6	NA	1.4	NA	19.6	5	
66,008	43,286	19,112	22,970	17,274	25,771	18,367	4,194	67,813	20.5	17.8	14.1	1.9	1.1	18.5	9.9	6.7	4.1	1.2	19.8	6	
14,756	9,126	3,120	6,619	4,647	7,059	4,749	1,358	14,929	3.1	2.2	1.1	0.7	0.3	25.5	11.0	11.6	5.7	2.4	26.3	7	
78,473	52,129	20,262	33,206	20,875	35,198	21,266	6,083	75,797	23.4	15.9	9.0	15.3	8.9	39.1	20.1	16.8	8.1	3.1	38.3	8	
188,686	123,071	53,603	79,997	60,129	84,099	60,810	13,551	291,844	43.0	33.2	21.1	43.4	32.5	28.1	15.3	12.0	7.5	2.0	43.8	9	
206,116	133,347	47,892	97,951	70,346	101,432	71,314	16,304	385,837	51.5	42.5	26.4	44.5	36.6	25.7	14.6	12.3	7.8	2.1	48.6	10	
48,652	31,726	18,908	13,880	8,546	15,000	8,850	4,375	35,026	8.9	5.7	4.0	6.6	3.1	8.1	3.7	2.3	1.0	0.7	5.9	11	
41,926	27,039	16,515	8,823	6,042	9,355	6,271	2,201	24,069	5.8	3.9	2.7	6.0	2.5	7.3	3.4	1.6	0.8	0.4	4.3	12	
35,137	28,185	16,446	11,684	9,406	12,868	9,978	2,923	29,806	15.4	11.4	8.0	3.0	1.7	6.9	4.1	2.4	1.4	0.6	6.1	13	
42,277	25,529	9,826	14,103	10,631	15,578	11,235	788	41,922	31.5	28.0	22.1	3.4	2.0	27.4	13.8	9.5	5.9	0.5	28.2	14	
23,753	NA	9,015	NA	10,396	3,940	NA	26,220	11.7	NA	NA	NA	11.3	NA	4.5	NA	2.0	13.1	15			
23,731	17,757	9,286	8,867	6,643	10,193	7,132	3,406	25,891	12.1	10.3	8.2	0.8	0.4	11.7	7.0	4.6	2.7	1.8	13.4	16	
3,137	1,828	524	805	468	837	473	273	3,528	6.1	4.7	1.7	0.3	0.1	17.8	7.7	4.6	2.0	1.6	20.3	17	
1,673	995	292	757	532	799	548	133	1,435	0.5	1.2	0.6	0.5	0.4	25.4	9.4	11.6	5.1	2.0	21.9	18	
5,210	2,727	837	1,945	1,280	2,080	1,302	457	5,328	3.4	2.2	1.6	0.6	0.2	42.3	16.9	16.0	8.0	3.8	43.8	19	
2,379	1,826	700	1,352	1,090	1,479	1,121	213	2,206	0.9	0.5	0.6	0.9	0.4	20.7	10.3	12.1	6.3	1.9	19.8	20	
247	179	74	181	118	197	123	25	297	1.6	1.1	1.2	3.6	1.3	17.3	8.9	12.9	6.0	1.8	21.2	21	
2,110	1,571	693	1,579	1,159	1,667	1,182	257	2,135	1.3	1.0	0.7	1.0	0.9	24.9	12.2	19.1	9.1	3.1	25.9	22	
36,724	24,674	9,217	17,109	11,586	18,094	11,769	2,485	37,270	21.9	15.6	8.4	8.1	4.4	43.8	23.2	20.8	11.0	3.0	45.3	23	
3,258	3,024	1,804	1,918	1,635	2,109	1,701	157	4,185	14.1	10.7	7.8	13.6	8.5	20.4	13.1	12.4	7.2	1.0	27.1	24	
38,491	24,431	9,241	14,179	7,654	14,995	7,796	3,441	34,342	26.1	17.1	9.7	21.6	12.6	38.1	18.8	14.2	5.9	3.4	34.3	25	
41,809	29,357	12,378	9,650	7,328	10,161	7,447	3,484	53,963	39.4	29.9	19.8	41.6	30.5	29.6	16.5	6.9	4.1	2.5	38.4	26	
25,835	18,812	9,674	7,959	5,451	8,240	5,526	2,629	51,419	41.1	32.4	22.2	50.9	40.5	20.0	12.2	6.2	3.5	2.1	40.1	27	
38,792	29,916	15,727	14,864	12,108	15,508	12,263	3,297	80,876	58.1	50.2	35.6	64.8	55.1	24.9	16.9	9.6	6.9	2.1	52.3	28	
28,414	19,198	7,480	11,478	8,685	12,196	8,743	1,380	41,366	39.7	30.5	17.1	27.6	16.8	25.3	13.7	10.3	6.3	1.2	37.0	29	
53,836	25,788	8,344	36,046	26,557	37,994	26,831	2,761	64,220	33.8	20.6	8.7	26.3	15.2	40.9	16.7	27.5	17.3	2.1	49.0	30	
45,583	25,144	7,812	22,128	15,358	22,865	15,561	3,873	77,239	48.5	36.1	16.8	48.6	37.5	31.2	15.1	15.2	9.3	2.7	53.0	31	
58,558	38,395	13,211	18,429	13,824	19,011	13,951	3,618	109,436	56.1	45.2	25.3	69.6	61.8	33.3	19.8	10.5	7.2	2.2	62.6	32	
31,697	20,775	9,032	9,911	7,523	10,282	7,634	1,975	33,032	29.5	21.4	11.4	26.5	16.8	18.6	10.2	5.9	3.7	1.2	19.6	33	
13,882	8,671	2,404	9,949	7,239	10,239	7,305	496	38,796	79.2	74.1	53.6	12.2	9.2	25.2	13.9	18.2	11.7	0.9	70.8	34	
13,117	9,891	3,005	9,999	5,945	10,195	5,996	768	29,664	56.9	50.9	30.8	56.4	51.5	23.4	15.7	18.0	9.5	1.4	53.5	35	
18,684	12,507	4,253	10,723	7,675	11,234	7,777	3,634	50,400	56.2	48.8	32.7	62.3	58.1	24.0	12.3	11.9	7.6	4.0	55.9	36	
24,595	17,964	8,175	16,812	12,782	17,606	13,090	1,740	47,270	62.3	56.9	46.7	20.6	16.1	23.3	14.8	16.1	10.6	1.7	45.4	37	
856	695	405	320	281	362	282	106	1,850	34.1	25.5	36.5	28.4	16.2	11.0	6.2	4.5	2.0	35.6	38		
6,599	4,915	2,194	2,430	1,639	2,636	1,690	6,749	331	22.5	16.8	10.6	21.8	15.4	15.0	9.7	5.0	1.3	26.9	39		
14,419	9,123	3,576	3,656	2,136	3,864	2,197	993	8,585	10.0	6.4	4.0	7.8	4.4	14.5	6.6	3.7	1.6	1.0	8.8	41	
5,459	2,533	8,671	2,404	1,036	619	1,065	629	210	2,603	2.1	1.2	0.8	2.6	1.2	12.2	3.7	2.4	0.9	5.9	42	
10,087	7,007	5,796	3,144	1,800	3,404	1,852	967	6,054	8.7	5.6	4.4	5.3	2.5	2.6	1.7	0.7	0.5	3.2	43		
4,325	2,990	2,215	1,246	701	1,313	728	464	1,923	10.0	5.7	4.5	2.2	0.7	5.4	2.4	1.6	0.6	2.5	44		
5,875	3,906	3,795	1,490	1,045	1,651	1,082	830	5,712	8.7	5.5	3.8	8.9	2.8	5.4	2.3	1.4	0.6	5.4	45		
1,032	557	310	558	325	705	390	474	1,550	2.0	1.5	0.8	4.1	1.6	2.2	0.9	1.2	0.6	1.1	3.4	46	
18,397	11,334	5,984	2,999	1,891	3,144	1,937	681	10,437	6.6	4.5	3.0	10.8	5.4	12.0	5.8	2.0	1.0	0.5	6.9	47	
13,103	7,895	4,800	2,895	2,022	2,999	2,059	603	7,662	7.7	5.4	3.9	5.3	2.2	8.1	3.9	1.8	1.0	0.4	4.9	48	
4,361	3,016	2,437	1,007	769	1,097	803	410	3,392	4.0	2.6	1.9	4.7	1.7	3.7	1.7	0.9	0.4	2.9	49		
6,065	4,794	3,294	1,922	1,360	2,115	1,472	507	2,578	4.4	2.9	2.0	2.5	0.9	4.2	2.1	1.4	0.6	0.4	1.9</td		

## GENERAL REPORT

Table 13.—TRACTORS ON FARMS, BY

Data for conterminous United States for 1959, 1954, and 1950

Region, division, and State	Farms reporting tractors												Number of tractors						
	1959	1954	1950	1945	1940	1930	1925	1920	Percent of all farms						1959	1954	1950		
									1959	1954	1950	1945	1940	1930	1925	1920			
1 U.S. ....	2,679,561	NA	2,526,421	NA	NA	NA	NA	72.3	NA	46.9	NA	NA	NA	NA	NA	5,138,921	NA	3,612,325	
2 Continen-tous U.S.	2,677,658	2,876,572	2,525,206	2,002,662	1,409,697	851,457	473,848	229,332	72.3	60.1	46.9	34.2	23.1	13.5	7.4	3.6	5,134,385	4,692,341	3,609,281
3 The North....	1,503,563	1,662,512	1,554,779	1,388,822	1,030,179	623,985	348,298	163,021	87.7	81.4	68.6	55.9	39.9	24.4	12.7	5.9	3,123,739	2,865,824	2,237,167
4 The South....	903,605	916,664	692,858	411,268	237,281	129,744	72,082	32,939	54.9	39.6	26.1	14.3	7.9	4.0	2.3	1.0	1,424,678	1,291,089	922,304
5 The West....	272,393	NA	278,784	NA	NA	NA	NA	NA	78.2	NA	59.6	NA	NA	NA	NA	NA	590,504	NA	432,854
6 Continen-tous area....	270,490	297,396	277,569	202,572	142,237	97,728	53,468	33,372	79.1	70.4	60.2	41.0	27.9	19.4	10.7	7.0	585,968	535,428	429,810
Geo. Div.:																			
7 N. E. ....	42,219	49,255	46,352	46,801	26,006	13,111	7,319	2,245	74.2	60.2	44.9	31.1	19.2	10.5	4.6	1.4	78,133	74,565	62,868
8 M. A. ....	171,037	199,168	188,481	172,867	115,037	76,719	47,471	13,240	86.4	77.4	63.6	49.7	33.0	21.5	11.3	3.1	353,526	334,007	271,192
9 F. N. C. ....	591,788	660,407	614,276	538,003	401,194	238,995	141,670	55,413	88.8	82.6	69.4	59.9	24.7	13.5	5.1	1,236,763	1,141,459	892,060	
10 W. N. C. ....	698,519	753,582	705,670	631,151	487,942	295,160	151,838	92,123	88.0	83.3	71.8	61.2	44.7	26.5	13.7	8.4	1,455,317	1,315,793	1,031,047
11 S. A. ....	330,506	331,264	222,363	115,502	56,886	43,983	28,938	10,460	55.8	38.6	23.2	11.1	5.6	2.6	0.9	512,144	447,273	284,163	
12 F. S. C. ....	265,471	250,985	171,254	73,558	36,940	22,584	13,299	5,044	47.2	31.8	18.8	7.7	3.6	2.1	1.3	0.5	381,036	325,380	216,065
13 W. S. C. ....	307,628	334,415	299,241	222,208	143,455	63,177	29,845	17,435	62.7	50.0	38.4	25.3	14.9	7.9	2.9	1.8	531,498	518,436	422,076
14 M. L. ....	121,997	134,101	126,149	94,251	66,077	43,171	17,899	15,865	82.1	74.6	64.8	44.3	28.3	17.9	7.7	6.5	275,807	248,307	197,741
15 Pac. ....	150,396	NA	152,635	NA	NA	NA	NA	NA	75.2	NA	55.9	NA	NA	NA	NA	NA	314,697	NA	235,113
16 Continen-tous area....	148,493	163,295	151,420	108,321	76,160	54,557	35,569	17,507	76.8	67.3	56.8	38.4	27.6	20.8	13.4	7.5	310,161	287,121	232,069
N. E. ....																			
17 Maine ....	12,217	13,421	12,794	12,937	7,516	3,214	1,684	605	70.4	57.4	42.1	30.7	19.3	8.2	3.4	1.3	20,467	18,938	16,665
18 N. Il. ....	4,652	5,704	5,405	5,386	2,850	1,013	494	196	71.1	54.7	40.4	28.7	17.2	6.8	2.3	1.0	8,035	8,160	6,946
19 Vt. ....	10,016	10,615	8,437	6,596	3,394	2,342	1,500	424	82.3	66.3	44.2	24.9	14.4	9.4	5.4	1.5	18,308	15,426	10,662
20 Mass. ....	7,955	10,168	10,322	12,075	6,550	3,563	2,046	540	71.4	58.7	46.5	32.6	20.5	13.9	6.1	1.7	15,464	16,236	14,697
21 R. I. ....	1,063	1,022	1,290	1,563	870	516	280	69	75.9	52.3	49.5	43.4	28.9	15.5	7.2	1.7	2,065	1,640	1,944
22 Conn. ....	6,316	8,325	8,124	8,244	4,826	2,463	1,315	411	76.5	65.3	52.1	37.1	22.8	14.3	5.7	1.8	13,794	14,165	11,954
M. A. ....																			
23 N. Y. ....	72,959	84,294	81,985	77,523	53,230	37,790	24,350	7,021	88.6	79.8	65.7	51.9	34.7	23.6	12.9	3.6	155,544	144,495	119,302
24 N. J. ....	11,921	15,351	15,374	14,604	10,839	7,241	4,113	845	77.1	67.6	62.0	55.7	42.0	28.5	13.9	2.8	29,516	30,316	26,039
25 Pa. ....	86,157	99,523	91,122	80,740	50,968	31,688	19,008	5,374	86.1	77.2	62.1	47.0	30.2	18.4	9.5	2.7	168,466	159,196	125,851
E. N. C. ....																			
26 Ohio ....	120,016	137,687	127,390	110,803	83,265	50,693	29,951	9,934	85.5	77.7	63.9	50.2	35.6	23.1	12.2	3.9	242,752	233,093	182,481
27 Ind. ....	109,806	119,858	106,037	89,458	68,447	40,402	22,817	8,871	85.7	78.0	63.6	50.8	37.1	22.3	11.7	4.3	225,063	206,340	153,980
28 Ill. ....	128,392	147,860	141,988	131,949	110,489	66,172	41,435	21,932	89.5	84.2	72.7	64.6	51.8	30.8	18.4	9.2	320,769	289,985	234,789
29 Mich. ....	101,824	119,101	111,373	96,452	62,146	33,098	18,515	5,584	91.1	85.7	71.6	55.0	33.1	19.5	9.6	2.8	194,143	187,481	149,377
30 Wis. ....	121,750	135,901	127,488	109,341	76,847	48,630	28,952	9,092	92.8	88.5	75.6	61.5	41.2	26.8	15.0	4.8	254,036	224,560	171,433
W. N. C. ....																			
31 Minn. ....	134,200	147,669	142,911	128,706	95,959	46,171	25,539	14,794	92.1	89.3	79.8	68.1	48.6	24.9	13.6	8.3	286,827	255,431	204,200
32 Iowa ....	158,603	169,719	161,305	151,137	117,932	63,166	35,692	19,427	90.8	87.9	79.4	72.3	55.3	29.4	16.7	9.1	343,487	311,677	240,941
33 Mo. ....	128,289	128,956	100,312	67,533	41,948	23,673	12,066	7,438	76.1	63.9	43.6	27.8	16.4	9.2	4.6	2.8	217,999	183,105	125,536
34 N. Dak. ....	52,066	58,052	58,338	56,619	43,787	34,148	15,853	11,834	95.0	93.9	89.3	81.4	59.2	43.8	20.9	15.2	124,697	114,592	98,676
35 S. Dak. ....	50,952	57,032	56,267	52,070	39,948	30,972	16,373	12,160	91.8	91.5	84.8	75.8	55.1	37.2	20.6	13.3	118,308	111,359	88,274
36 Nebr. ....	81,913	89,523	87,567	81,448	64,593	37,955	17,728	10,342	89.8	88.9	81.7	72.9	53.4	29.3	13.9	8.3	180,087	163,296	127,154
37 Kans. ....	92,496	102,731	98,970	93,638	83,775	59,075	28,587	16,128	88.8	85.4	75.3	66.3	53.6	35.6	17.2	9.8	183,912	176,333	146,266
S. A. ....																			
38 Del. ....	4,262	4,828	4,046	3,839	2,330	1,447	619	220	81.9	76.7	54.3	41.3	25.9	14.9	6.0	2.2	9,442	8,904	6,125
39 Md. ....	20,823	23,327	20,532	15,968	9,448	6,744	3,814	1,410	82.9	71.8	56.8	38.7	22.4	15.6	7.8	2.9	42,942	40,673	29,905
40 D. C. ....	NA	NA	1	12	12	4	1	1	NA	NA	(2)	30.0	18.5	14.4	2.9	0.5	NA	NA	14
41 Va. ....	55,962	54,777	36,515	20,418	10,808	9,142	6,362	2,206	57.3	40.2	24.2	11.8	6.2	4.3	1.2	92,329	77,567	48,133	
42 W. Va. ....	21,627	19,128	11,602	6,358	3,437	2,641	1,765	541	49.2	27.9	14.2	6.5	3.5	2.0	0.6	32,268	24,712	13,934	
43 N. C. ....	107,429	104,094	62,686	28,482	11,983	11,034	7,595	2,184	56.4	38.9	21.7	9.9	4.3	3.9	2.7	0.8	150,724	125,953	73,497
44 S. C. ....	34,987	35,386	23,454	10,366	4,285	3,229	2,658	1,213	44.8	28.5	16.8	7.0	3.1	2.0	1.5	0.6	51,474	46,461	30,282
45 Ga. ....	62,587	67,146	48,253	20,551	8,364	3,769	2,083	820	58.9	40.6	24.4	9.1	3.8	2.1	1.5	0.7	93,089	88,202	60,269
46 Fla. ....	22,829	22,578	15,275	9,508	6,319</td														

# FARM FACILITIES, FARM EQUIPMENT

215

## DIVISIONS AND STATES: 1920 TO 1959

are based on reports for only a sample of farms. See text.]

Number of tractors—Continued																			Number of tractors per 1,000 acres of cropland harvested, 1959						
1945		1940		1930		1925		1920		Percent increase or decrease (-)						Average number per farm reporting							Number of tractors per 1,000 acres of cropland harvested, 1959		
										1954 to 1959	1950 to 1954	1945 to 1950	1940 to 1945	1930 to 1940	1925 to 1930	1920 to 1925	1959	1954	1950	1945	1940	1930	1925	1920	
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.9	NA	1.4	NA	NA	NA	NA	NA	14.9	1
2,421,747	1,567,430	920,021	505,933	246,083	9.4	30.0	49.0	54.5	70.4	81.8	105.6	1.9	1.6	1.4	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	14.9	2
1,662,425	1,130,317	663,572	365,932	172,513	9.0	27.0	35.8	47.1	70.3	81.3	112.1	2.1	1.7	1.5	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	14.3	3
498,332	271,496	145,779	79,860	36,500	10.3	40.0	85.1	83.6	86.2	82.5	118.8	1.6	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	17.4	4
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.2	NA	1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.7	5
260,990	165,617	110,670	60,141	37,070	9.4	24.6	64.7	57.6	49.6	84.0	62.2	2.2	1.8	1.5	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	13.6	6
53,943	28,480	14,109	7,844	2,397	4.8	18.6	16.5	89.4	101.9	79.9	227.2	1.9	1.5	1.4	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	29.3	7
205,739	126,668	81,970	49,864	14,140	5.8	23.1	31.8	62.4	54.5	64.4	252.6	2.1	1.7	1.4	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	28.5	8
643,419	437,008	249,333	146,665	58,092	8.3	28.0	35.8	47.2	75.3	70.0	152.5	2.1	1.7	1.5	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	18.4	9
759,324	538,161	318,160	161,559	97,884	10.6	27.6	35.8	41.1	69.1	96.9	65.1	2.1	1.7	1.5	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.9	10
134,791	63,205	47,376	31,075	11,229	14.5	57.4	110.8	113.3	33.4	52.5	176.7	1.5	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	22.8	11
86,598	41,959	24,393	14,097	5,379	17.1	50.6	149.5	106.4	72.0	73.0	162.1	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	21.3	12
276,943	166,332	74,010	34,688	19,892	2.5	22.8	52.4	66.5	124.7	113.4	74.4	1.7	1.6	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	12.9	13
120,455	75,330	48,007	19,935	17,513	11.1	25.6	64.2	59.9	56.9	140.8	13.8	2.3	1.9	1.6	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	11.2	14
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.1	NA	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.2	15
140,535	90,287	62,663	40,206	19,557	8.0	23.7	65.1	55.7	44.1	55.9	105.6	2.1	1.8	1.5	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	17.2	16
14,794	8,093	3,410	1,774	635	8.1	13.6	12.6	82.8	137.3	92.2	179.4	1.7	1.4	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	25.2	17
6,094	3,129	1,096	531	207	-1.5	17.5	14.0	94.8	185.5	106.4	151.5	1.7	1.4	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	31.3	18
7,327	3,566	2,426	1,568	444	18.7	44.7	45.5	105.5	47.0	54.7	253.2	1.8	1.4	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	22.0	19
14,026	7,335	3,921	2,212	592	-4.8	10.5	4.8	91.2	87.1	77.3	273.6	1.9	1.6	1.4	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	40.6	20
1,962	1,008	589	318	79	25.9	-15.6	-0.9	94.6	71.1	85.2	302.5	1.9	1.6	1.5	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	48.6	21
9,740	5,349	2,667	1,441	440	-2.6	18.5	22.7	82.1	100.6	85.1	227.5	2.2	1.7	1.5	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	45.2	22
93,292	58,906	40,369	25,681	7,497	7.6	21.1	27.9	58.4	45.9	57.2	242.6	2.1	1.7	1.5	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	26.9	23
19,809	12,920	8,088	4,419	946	-2.6	16.4	31.5	53.3	59.7	83.0	367.1	2.5	2.0	1.7	1.4	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	36.7	24
92,638	54,842	33,513	19,764	5,697	5.8	26.5	35.9	68.9	63.6	69.6	246.9	2.0	1.6	1.4	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	29.1	25
130,486	89,999	52,974	30,905	10,469	4.1	27.7	39.8	45.0	69.9	71.4	195.2	2.0	1.7	1.4	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	20.8	26
105,263	73,221	41,979	23,567	9,230	9.1	34.0	46.3	43.8	74.4	78.1	155.3	2.0	1.7	1.5	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	16.7	27
174,270	126,069	69,628	43,325	23,102	10.6	23.5	34.7	38.2	81.1	60.7	87.5	2.3	2.0	1.7	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	13.8	28
110,120	66,524	34,579	19,217	5,884	3.6	25.5	35.6	65.5	92.4	79.9	226.6	1.9	1.6	1.3	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23.4	29
123,280	81,195	50,173	29,651	9,407	13.1	31.0	39.1	51.8	61.8	69.2	215.2	2.1	1.7	1.3	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24.2	30
152,555	105,075	48,457	26,739	15,503	12.3	25.1	33.9	45.2	116.8	81.2	82.5	2.1	1.7	1.4	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	14.5	31
181,049	128,516	66,258	37,230	20,270	10.2	29.4	33.1	40.9	94.0	78.0	83.7	2.2	1.8	1.5	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	14.3	32
76,110	45,155	24,999	12,745	7,889	19.1	45.9	64.9	68.6	80.6	96.1	61.6	1.7	1.4	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	15.5	33
73,984	49,361	37,605	17,483	13,006	8.8	16.1	33.4	49.9	31.3	115.1	34.4	2.4	2.0	1.7	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	6.2	34
62,772	44,154	33,837	17,426	12,939	6.2	26.2	40.6	42.2	30.5	94.2	34.7	2.3	2.0	1.6	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	8.1	35
96,203	70,761	40,729	18,765	11,100	10.3	28.4	32.2	36.0	73.7	117.0	69.1	2.2	1.8	1.5	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	9.6	36
116,651	95,139	66,275	31,171	17,177	4.3	20.6	25.4	22.6	43.6	112.6	81.5	2.0	1.7	1.5	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	8.4	37
4,604	2,661	1,600	694	239	6.0	45.4	33.0	73.0	66.3	130.5	190.4	2.2	1.8	1.5	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	19.7	38
18,789	10,335	7,208	4,026	1,525	5.6	36.0	59.2	81.8	43.4	79.0	164.0	2.1	1.7	1.5	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	25.1	39
21	25	8	1	NA	NA	1.810	-16.0	47.1	112.5	700.0	NA	14.0	1.8	2.1	1.1	2.0	1.0	NA	40						
23,418	11,951	9,757	6,750	2,379	19.0	61.2	105.5	96.0	22.5	44.5	183.7	1.6	1.4	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	25.5	41
6,863	3,656	2,792	1,860	572</																					

## GENERAL REPORT

Table 14.—TRACTORS ON FARMS BY KIND AND FARMS BY NUMBER

[Data for conterminous United States are based on

Region, division, and State	Tractors by kind														
	Tractors other than garden														
	Total						Wheel						Crawler		
	Farms reporting			Number			Farms reporting			Number			Farms reporting		
	1959	1954	1950	1959	1954	1950	1959	1954	1950	1959	1954	1950	1959	1954	1950
1 U. S. ....	2,586,788	NA	NA	4,688,493	NA	3,396,403	2,556,266	NA	2,383,705	4,489,286	NA	3,251,119	161,091	NA	120,558
2 Continen- tous U. S.	2,585,284	2,773,074	2,433,168	4,684,852	4,345,234	3,393,760	2,555,008	2,741,841	2,382,951	4,487,476	4,185,780	3,249,866	160,540	129,716	120,272
3 The North....	1,467,466	1,616,434	1,506,190	2,840,656	2,640,933	2,118,327	1,459,760	1,611,030	1,495,155	2,768,864	2,591,629	2,076,468	63,758	44,238	37,792
4 The South....	862,921	879,886	667,181	1,318,012	1,219,882	880,361	856,792	875,944	657,063	1,285,193	1,198,324	858,109	28,114	17,771	19,076
5 The West....	256,401	NA	NA	529,825	NA	397,715	239,714	NA	231,487	435,229	NA	316,542	69,219	NA	63,690
6 Continen- tous area....	254,897	276,754	259,797	526,184	484,419	395,072	238,456	254,867	230,733	433,419	395,827	315,289	68,668	67,707	63,404
Geo. Div.:															
7 N. E. ....	38,076	43,789	40,728	66,005	62,816	53,120	37,348	43,084	39,804	61,205	59,573	50,114	4,402	3,012	2,743
8 M. A. ....	163,379	187,949	176,726	308,155	292,440	242,695	161,627	185,898	173,076	293,419	280,279	231,575	13,199	10,829	9,943
9 F. N. C. ....	576,237	639,637	592,024	1,085,705	1,020,738	820,267	574,161	637,990	588,286	1,063,645	1,005,046	807,156	19,582	14,113	11,968
10 W. N. C. ....	689,774	745,059	696,712	1,380,791	1,264,939	1,002,245	686,624	744,058	693,989	1,350,595	1,246,731	987,623	26,575	16,284	13,388
11 S. A. ....	309,966	311,407	209,930	457,176	408,788	244,193	307,649	309,633	205,206	444,467	399,756	254,501	10,569	7,175	8,290
12 F. S. C. ....	254,695	243,065	165,517	353,199	310,812	207,559	252,695	241,814	162,510	344,876	305,891	202,284	7,496	4,377	4,702
13 W. S. C. ....	298,260	325,414	291,734	507,637	500,282	408,609	296,448	324,497	289,347	495,850	492,677	401,324	10,049	6,219	6,084
14 Mt. ....	118,827	130,544	122,811	258,948	236,387	190,000	116,043	127,075	118,034	234,575	214,365	171,371	19,884	18,382	15,908
15 Pac. ....	137,574	NA	NA	270,877	NA	207,715	123,671	NA	113,453	200,654	NA	145,171	49,335	NA	47,782
16 Continen- tous area....	136,070	146,210	136,986	267,236	248,032	205,072	122,413	127,792	112,699	198,844	181,462	143,918	48,784	49,325	47,496
N. E. ....															
17 Maine ....	11,081	12,231	11,611	17,793	16,800	14,854	10,766	12,032	11,404	16,289	16,084	14,150	1,348	668	653
18 N. H. ....	4,140	4,884	4,637	6,605	5,696	4,075	4,818	4,514	6,196	6,271	5,398	393	1,346	281	281
19 Vt. ....	9,591	10,120	7,986	16,669	14,183	9,840	9,435	9,936	7,797	15,419	13,329	9,282	1,191	827	538
20 Mass. ....	6,783	8,487	8,515	12,068	12,656	11,476	6,647	8,367	8,316	11,226	12,054	10,779	774	552	615
21 R. I. ....	917	852	1,044	1,651	1,505	912	827	1,034	1,585	1,172	1,456	55	73	48	48
22 Conn. ....	5,564	7,215	6,935	11,219	11,286	9,749	5,513	7,104	6,739	10,490	10,663	9,049	641	546	608
M. A. ....															
23 N. Y. ....	70,176	80,782	77,838	138,670	129,741	108,554	69,411	79,965	76,266	131,149	124,036	103,443	6,719	5,036	4,577
24 N. J. ....	10,728	13,331	13,355	24,726	25,223	21,754	10,589	13,206	13,034	23,578	24,218	20,523	911	776	1,023
25 Pa. ....	82,475	93,836	85,533	144,759	137,476	112,387	81,627	92,727	83,776	138,692	132,025	107,609	5,569	5,017	4,343
E. N. C. ....															
26 Ohio ....	115,332	130,402	119,907	204,681	198,306	161,511	114,872	130,062	118,882	199,947	194,957	158,638	4,286	3,044	2,660
27 Ind. ....	105,675	114,678	101,348	186,853	176,016	137,674	105,198	114,443	100,787	182,655	173,700	135,558	3,703	2,023	1,814
28 Ill. ....	135,941	145,060	138,828	290,002	265,722	219,265	135,519	144,842	138,438	285,156	262,213	216,595	4,364	3,161	2,487
29 Mich. ....	99,386	115,376	106,861	166,782	166,791	136,695	99,016	114,824	105,888	165,622	163,190	133,659	3,700	3,292	2,799
30 Wis. ....	119,903	134,121	125,080	234,387	213,903	165,122	119,556	133,819	124,291	230,265	210,986	162,706	3,529	2,593	2,208
W. N. C. ....															
31 Minn. ....	133,033	146,364	141,283	275,833	249,332	199,920	132,085	146,094	140,572	266,849	245,090	196,305	7,764	3,781	3,160
32 Iowa ....	157,358	168,174	159,391	327,863	297,015	232,304	156,945	168,037	159,006	322,889	294,781	230,622	4,427	2,018	1,510
33 Mo. ....	124,009	125,174	97,402	191,512	168,428	119,295	123,163	124,963	96,725	186,870	165,866	117,385	4,223	2,279	1,788
34 N. Dak. ....	51,807	57,884	58,108	121,039	112,558	97,258	51,679	57,789	57,929	118,115	110,223	95,349	2,545	2,108	1,731
35 S. Dak. ....	50,759	56,851	55,937	115,639	109,123	86,931	50,562	56,798	55,777	113,665	107,725	85,986	1,805	1,282	857
36 Nebr. ....	81,442	89,164	87,053	175,254	159,977	125,083	81,172	89,047	86,820	172,063	157,645	123,461	2,753	2,064	1,457
37 Kans. ....	91,366	101,448	97,538	173,651	168,506	141,454	91,018	101,330	97,160	170,144	165,401	138,515	3,058	2,752	2,635
S. A. ....															
38 Del. ....	4,041	4,537	3,785	8,259	7,826	5,586	4,016	4,530	3,765	8,122	7,668	5,455	125	110	125
39 Md. ....	19,917	21,780	19,228	37,291	35,774	26,921	19,791	21,660	18,915	36,348	34,847	26,106	842	744	736
40 D. C. ....	NA	NA	1	NA	NA	14	NA	NA	..	NA	NA	NA	NA	NA	1
41 Va. ....	50,332	48,954	32,895	75,143	64,750	41,867	49,897	48,534	32,191	72,881	63,013	40,231	2,074	1,534	1,445
42 W. Va. ....	17,660	15,536	9,694	21,995	18,162	11,204	17,381	15,256	9,387	21,024	17,462	10,590	905	638	563
43 N. C. ....	102,722	100,480	60,754	140,639	120,595	70,912	101,960	100,111	59,325	137,254	119,108	88,723	3,032	1,306	2,037
44 S. C. ....	33,767	34,218	22,609	48,637	44,631	29,124	33,597	34,082	21,926	47,651	43,906	28,004	811	627	977
45 Ga. ....	60,711	65,187	46,880	89,392	85,192	58,470	60,407	64,886	45,854	87,719	83,929	56,718	1,415	1,129	1,569
46 Fla. ....	20,816	20,715	14,085	35,820	31,858	20,109	20,574	13,843	13,843	29,823	18,674	1,365	1,087	1,228	838
E. S. C. ....															
47 Ky. ....	77,338	69,301	47,690	103,415	83,842	56,148	76,730	69,036	47,121	100,950	82,839	55,173	2,230	928	928
48 Tenn. ....	74,096	70,293	48,866	97,800	84,869	56,850	73,293	69,839	48,020	95,006	83,396	55,466	2,590	1,330	1,256
49 Ala. ....	51,910	51,982	36,487	67,559	62,526	44,067	51,626	51,643	35,661	66,264	61,548	42,748	1,146	891	1,192
50 Miss. ....	51,351	51,489	32,474	84,425	79,575	50,494	51,046	51,296	31,708	82,656	78,108	48,897	1,530	1,228	1,326
W. S. C. ....															
51 Ark. ....	47,895	51,182	39,903	83,852	79,799	57,949	47,536	51,054	39,506	81,948	78,625	56,913	1,686	990	888
52 La. ....	32,387	32,672	22,597	53,229	49,985</td										

# FARM FACILITIES, FARM EQUIPMENT

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## OF TRACTORS, BY DIVISIONS AND STATES: 1959, 1954, AND 1950

reports for only a sample of farms. See text.]

Tractors by kind—Continued							Farms by number of tractors other than garden												
Tractors other than garden—Continued			Garden				1 tractor		2 tractors		3 tractors		4 tractors		5 or more tractors				
Crawler—Continued			Farms reporting		Number		1959	1954	1959	1954	1959	1954	1959	1954	Farms reporting		Number		
Number	1959	1954	1959	1954	1959	1954									1959	1954	1959	1954	
1959	1954	1950																	
199,207	NA	145,284	424,790	NA	450,428	NA	1,294,040	NA	809,969	NA	321,363	NA	97,429	NA	63,987	NA	420,710	NA	1
197,376	159,454	143,894	424,071	335,121	449,533	347,107	1,293,005	1,698,435	809,687	774,382	321,279	207,194	97,387	54,730	63,926	38,333	419,088	257,533	2
71,792	49,304	41,859	267,670	217,481	283,083	224,891	570,802	858,088	569,853	567,902	233,877	143,917	63,335	31,979	29,599	14,548	175,177	87,374	3
32,819	21,558	22,252	100,779	68,849	106,666	71,207	600,963	678,258	169,307	136,556	53,373	37,497	19,669	13,113	19,609	14,462	139,640	103,569	4
94,596	NA	81,173	56,341	NA	60,679	NA	122,275	NA	70,809	NA	34,113	NA	14,425	NA	14,779	NA	105,893	NA	5
92,765	88,592	79,783	55,622	48,791	59,784	51,009	121,240	162,089	70,527	69,924	34,029	25,780	14,383	9,638	14,718	9,323	104,271	66,590	6
4,800	3,243	3,006	10,875	10,885	12,128	11,749	20,373	30,164	11,353	10,110	4,204	2,430	1,344	743	802	342	4,938	2,170	7
14,736	12,161	11,120	41,598	39,167	45,371	41,567	75,513	116,020	53,112	51,195	22,724	14,384	7,581	3,985	4,449	2,365	27,922	14,938	8
22,060	15,692	13,111	143,905	117,686	151,058	120,721	235,353	353,072	221,166	217,011	88,354	53,829	22,011	11,229	9,353	4,496	54,914	27,241	9
30,196	18,208	14,622	72,292	49,743	74,526	50,854	239,563	358,832	284,222	289,586	118,595	73,274	32,399	16,022	14,995	7,345	87,403	43,025	10
12,709	9,032	9,692	51,845	37,237	54,968	38,485	220,271	249,453	60,065	43,854	17,893	11,233	6,299	3,438	3,507	37,900	24,488	11	
8,323	4,921	5,275	26,604	14,115	27,837	14,568	196,587	204,851	39,895	26,371	9,762	6,110	3,523	2,291	4,414	3,442	32,930	25,725	12
11,787	7,605	7,285	22,330	17,497	23,861	18,154	183,591	223,954	69,347	66,331	25,718	20,154	9,847	7,462	9,757	7,533	68,810	53,356	13
24,373	22,022	18,629	15,718	11,410	16,859	11,920	46,140	67,654	37,578	39,086	19,940	14,685	8,368	5,268	6,801	3,851	44,360	25,434	14
70,223	NA	62,544	40,623	NA	43,820	NA	76,135	NA	33,231	NA	14,173	NA	6,057	NA	7,978	NA	61,533	NA	15
68,392	66,570	61,154	39,904	37,381	42,925	39,089	75,100	94,435	32,949	30,838	14,089	11,095	6,015	4,370	7,917	5,472	59,911	41,156	16
1,504	716	704	2,548	2,051	2,674	2,138	6,603	8,847	3,018	2,597	1,020	559	289	165	151	63	938	422	17
409	364	298	1,299	1,435	1,430	1,525	2,425	3,649	1,210	873	336	251	117	82	52	29	284	159	18
1,250	854	558	1,555	1,197	1,639	1,243	4,737	6,973	3,312	2,467	1,092	531	319	109	131	40	756	247	19
842	602	697	2,837	3,234	3,396	3,580	3,665	5,638	1,871	2,014	790	553	271	187	186	95	1,207	583	20
66	84	49	347	373	414	384	451	536	287	261	128	31	31	17	20	7	118	37	21
729	623	700	2,289	2,595	2,879	2,492	4,521	1,655	1,898	838	505	317	183	262	108	1,635	722	22	
7,521	5,705	5,111	15,373	13,558	16,874	14,754	29,698	47,795	23,567	22,885	10,844	6,842	3,698	2,018	2,369	1,242	14,514	7,578	23
1,148	1,005	1,231	3,962	4,702	4,790	5,093	4,054	6,571	3,020	3,980	1,923	1,725	1,037	633	694	422	4,715	2,985	24
6,067	5,451	4,778	22,263	20,907	23,707	21,720	41,761	61,654	26,525	24,330	9,957	5,817	1,334	1,386	701	8,693	4,375	25	
4,734	3,349	2,873	36,054	33,825	38,071	34,787	54,370	78,422	41,340	40,314	14,395	8,914	3,735	1,982	1,692	770	9,906	4,586	26
4,198	2,316	2,116	36,666	29,651	38,210	30,324	49,242	67,903	38,644	36,165	13,266	8,227	3,239	1,722	1,284	661	7,569	4,214	27
4,846	3,509	2,670	29,253	23,733	30,767	24,263	39,118	58,557	56,879	61,850	28,911	18,642	7,596	4,234	3,437	1,777	20,009	10,603	28
4,160	3,601	3,036	23,170	20,097	24,361	20,690	51,009	75,921	33,032	30,645	11,123	6,761	2,851	1,437	1,371	612	7,936	3,549	29
4,122	2,917	2,416	18,762	10,380	19,649	10,657	41,614	72,269	51,471	48,037	20,659	11,285	4,590	1,854	1,569	676	9,494	4,289	30
8,984	4,242	3,615	10,194	5,934	10,994	6,099	39,747	67,937	58,272	59,879	25,395	14,627	6,763	2,821	2,856	1,100	16,305	6,472	31
4,974	2,234	1,682	14,943	14,341	15,624	14,662	40,298	66,989	76,873	79,382	30,866	17,793	6,917	2,950	2,404	1,060	13,553	6,083	32
4,642	2,562	1,910	25,748	14,422	26,487	14,677	76,812	93,180	34,227	24,887	9,028	4,931	2,381	1,299	1,561	877	9,638	5,485	33
2,924	2,335	1,909	3,454	1,973	3,658	2,034	11,212	19,881	21,954	26,258	12,211	8,525	4,381	2,223	2,049	997	11,762	5,694	34
1,974	1,398	945	2,516	2,177	2,669	2,236	11,396	20,113	21,985	25,544	12,104	8,264	3,647	2,084	1,627	846	9,373	4,794	35
3,191	2,322	1,622	4,547	3,252	4,833	3,319	23,208	37,906	35,492	38,072	15,458	9,521	4,629	2,295	2,655	1,370	16,172	8,184	36
3,507	3,105	2,939	9,890	7,644	10,261	7,827	36,890	52,826	35,419	35,564	13,533	9,613	3,681	2,350	1,843	1,095	10,600	6,313	37
137	158	131	1,098	1,042	1,183	1,078	1,829	2,486	1,164	1,380	653	438	189	141	206	92	1,387	702	38
943	927	815	5,263	4,720	5,651	4,899	9,769	12,828	6,054	6,030	2,570	2,000	898	496	626	426	4,112	2,902	39
2,262	1,737	1,636	16,242	12,441	17,186	12,817	34,951	38,500	10,094	7,429	3,284	1,926	1,136	574	867	525	5,608	3,318	41
971	700	614	9,966	6,414	10,273	6,550	14,536	13,528	2,321	1,611	582	258	127	69	94	70	563	362	42
3,385	1,487	2,189	9,603	5,216	10,085	5,358	75,999	85,512	19,969	11,768	4,360	2,208	1,463	564	931	428	5,770	2,667	43
986	725	1,120	2,637	1,774	2,837	1,830	24,987	27,931	5,769	4,256	1,631	1,619	706	382	674	480	4,395	3,153	44
1,673	1,263	1,752	3,531	2,903	3,697	3,010	43,436	52,745	11,360	8,519	3,537	2,370	1,248	742	1,130	811	7,633	5,331	45
2,352	2,035	1,435	3,505	2,727	4,056	2,943	14,764	15,923	3,334	2,861	1,276	864	532	392	910	675	8,432	6,053	46
2,465	1,003	975	9,685	6,669	10,079	4,802	58,901	58,684	13,650	8,164	3,280	1,611	900	502	607	340	3,774	1,989	47
2,794	1,473	1,384	11,371	9,007	11,853	5,156	58,049	60,142	11,877	7,630	2,5								

## GENERAL REPORT

Table 15.—MOTORTRUCKS ON FARMS, BY

[Data for conterminous United States for 1959, 1954, and 1950]

Region, division, and State	Farms reporting motortrucks													
	1959	1954	1950	1945	1940	1930	1920	Percent of all farms						
								1959	1954	1950	1945	1940	1930	1920
1 United States .....	2,177,080	NA	1,843,107	NA	NA	NA	NA	58.7	NA	34.2	NA	NA	NA	NA
2 Contiguous United States .....	2,173,419	2,212,892	1,840,391	1,299,350	944,184	845,335	131,551	58.7	46.3	34.2	22.2	15.5	NA	2.0
3 The North .....	1,055,212	1,029,825	870,791	662,951	507,277	506,888	85,029	61.5	50.4	38.4	26.7	19.7	19.8	3.1
4 The South .....	855,832	898,769	712,341	419,856	283,460	223,553	28,545	52.0	38.8	26.9	14.6	9.4	6.9	0.9
5 The West .....	266,036	NA	259,975	NA	NA	NA	NA	76.3	NA	55.6	NA	NA	NA	NA
6 Contiguous area .....	262,375	284,298	257,259	216,543	153,447	114,894	17,977	76.8	67.3	55.8	43.8	30.1	22.8	3.8
Geographic Divisions:														
7 New England .....	38,290	47,948	51,023	59,372	42,670	33,328	7,284	67.3	58.6	49.4	39.5	31.6	26.7	4.7
8 Middle Atlantic .....	116,692	129,179	126,570	121,457	101,093	109,756	20,472	59.0	50.2	42.7	35.0	29.0	30.7	4.8
9 East North Central .....	389,846	370,908	305,807	220,357	177,085	189,040	24,942	58.5	46.4	34.5	23.1	17.6	19.6	2.3
10 West North Central .....	510,384	481,790	387,391	261,765	186,429	174,764	32,331	64.3	53.2	39.4	25.4	17.1	15.7	2.9
11 South Atlantic .....	286,089	305,579	240,521	153,630	104,295	88,019	14,716	48.3	35.6	25.1	14.7	10.2	8.3	1.3
12 East South Central .....	251,579	258,081	202,662	97,566	66,985	43,234	4,869	44.7	32.7	22.2	10.2	6.5	4.1	0.5
13 West South Central .....	318,164	335,109	269,158	168,660	112,180	92,300	8,960	64.8	50.1	34.5	19.2	11.6	8.4	0.9
14 Mountain .....	124,247	134,484	121,546	98,600	67,083	52,488	7,168	83.7	74.8	62.4	46.4	28.7	21.8	2.9
15 Pacific .....	141,789	NA	138,429	NA	NA	NA	NA	70.9	NA	50.7	NA	NA	NA	NA
16 Contiguous area .....	138,128	149,814	135,713	117,943	86,364	62,406	10,809	71.4	61.8	50.9	41.8	31.3	23.8	4.6
New England:														
17 Maine .....	11,617	13,550	14,854	15,229	11,698	9,879	1,061	67.0	58.0	48.9	36.1	30.0	25.2	2.2
18 New Hampshire .....	4,642	6,281	6,708	7,486	5,489	4,051	663	70.9	60.3	50.1	39.8	33.2	27.2	3.2
19 Vermont .....	7,620	8,960	8,819	8,386	5,451	4,625	576	62.6	56.0	46.3	31.7	23.1	18.6	2.0
20 Massachusetts .....	7,238	9,430	10,626	14,589	9,934	7,982	3,136	64.9	54.5	47.9	39.4	31.1	31.2	9.8
21 Rhode Island .....	1,074	1,227	1,521	2,115	1,453	1,366	471	76.7	62.8	58.4	58.7	48.2	41.1	11.5
22 Connecticut .....	6,099	8,500	8,495	11,567	8,645	5,425	1,377	73.8	66.6	54.5	52.0	40.8	31.5	6.1
Middle Atlantic:														
23 New York .....	47,459	53,730	56,610	57,049	48,522	54,084	8,636	57.6	50.8	45.4	38.2	31.7	33.8	4.5
24 New Jersey .....	11,549	15,067	15,624	16,338	13,590	12,504	3,075	74.7	66.4	63.1	62.3	52.6	49.3	10.4
25 Pennsylvania .....	57,684	60,382	54,336	48,070	38,981	43,168	8,761	57.7	46.9	37.0	28.0	23.1	25.0	4.3
East North Central:														
26 Ohio .....	69,902	69,016	56,861	38,670	31,872	36,693	6,960	49.8	39.0	28.5	17.5	13.6	16.7	2.7
27 Indiana .....	76,218	69,635	53,583	35,260	27,409	28,468	3,501	59.5	45.3	32.2	20.0	14.9	15.7	1.7
28 Illinois .....	99,549	91,381	79,058	52,600	39,970	38,877	5,907	64.4	52.0	40.5	25.8	18.7	18.1	2.5
29 Michigan .....	63,614	62,145	49,493	37,504	30,311	34,894	4,681	56.9	44.7	31.8	21.3	16.2	20.6	2.4
30 Wisconsin .....	80,563	78,731	66,812	56,523	47,523	50,108	3,893	61.4	51.2	39.6	31.8	25.4	27.6	2.1
West North Central:														
31 Minnesota .....	87,376	80,425	63,077	44,170	36,101	35,503	3,677	60.0	48.6	35.2	23.4	18.3	19.2	2.1
32 Iowa .....	92,431	80,048	58,690	35,482	24,347	31,874	8,669	52.9	41.5	28.9	17.0	11.7	14.8	4.1
33 Missouri .....	95,372	87,791	71,804	44,241	29,845	19,215	4,878	56.7	43.5	31.2	18.2	11.7	7.5	1.9
34 North Dakota .....	48,426	49,987	44,637	32,494	19,937	16,502	743	88.4	80.9	68.4	46.7	27.0	21.2	1.0
35 South Dakota .....	39,095	38,788	31,668	20,487	13,472	14,485	4,249	70.4	62.2	47.7	29.8	18.6	17.4	5.7
36 Nebraska .....	64,158	60,257	45,795	30,792	22,504	25,176	6,333	71.1	59.8	42.7	27.6	18.6	19.4	5.1
37 Kansas .....	83,326	84,494	71,720	54,099	39,623	32,009	3,782	80.0	70.2	54.6	38.3	25.3	19.3	2.3
South Atlantic:														
38 Delaware .....	3,518	3,786	3,240	3,110	2,215	2,781	283	67.6	60.2	43.5	33.5	24.6	28.6	2.8
39 Maryland .....	15,528	16,843	16,917	16,080	11,454	10,205	2,556	61.8	51.9	46.8	39.0	27.2	23.6	5.3
40 District of Columbia .....	NA	NA	11	24	32	57	29	NA	139.3	60.0	49.2	54.8	14.2	
41 Virginia .....	47,831	50,732	41,702	27,966	20,818	17,964	2,389	49.0	37.2	27.6	16.2	11.9	10.5	1.3
42 West Virginia .....	21,280	24,464	21,621	14,843	11,485	6,936	886	48.4	35.7	26.6	15.2	11.6	8.4	1.0
43 North Carolina .....	81,133	80,376	55,396	30,489	19,279	17,613	2,551	42.6	30.0	19.2	10.6	6.9	6.3	0.9
44 South Carolina .....	32,670	35,076	25,440	13,296	7,392	6,575	1,609	41.8	28.2	18.3	9.0	5.4	4.2	0.8
45 Georgia .....	60,627	67,925	55,396	31,250	19,952	15,036	2,913	57.0	41.1	28.0	13.8	9.2	5.9	0.9
46 Florida .....	23,502	26,377	20,809	16,372	11,668	10,852	1,500	52.2	45.9	36.6	27.1	18.7	18.4	2.8
East South Central:														
47 Kentucky .....	65,853	62,323	49,794	25,175	17,830	6,740	1,455	43.6	32.2	22.8	10.6	7.1	2.7	0.5
48 Tennessee .....	68,982	67,537	55,600	24,659	17,727	8,563	1,362	43.7	33.2	24.0	10.5	7.2	3.5	0.5
49 Alabama .....	55,272	59,347	47,102	21,939	14,094	12,169	1,114	47.7	33.5	22.3	9.8	6.1	4.7	0.4
50 Mississippi .....	61,472	68,874	50,166	25,793	17,334	15,762	938	44.5	31.9	20.0	9.8	6.0	5.0	0.3
West South Central:														
51 Arkansas .....	59,337	67,288	56,510	30,304	18,441	10,526	973	62.5	46.3	31.0	15.2	8.5	4.3	0.4
52 Louisiana .....	38,803	41,525	30,918	18,637	15,663	8,769	793	52.2	37.3	24.9	14.4	10.4	5.4	0.6
53 Oklahoma .....	70,193	72,350	59,903	40,910	26,660	23,039	2,070	74.1	60.7	42.1	24.8	14.8	11.3	1.1
54 Texas .....	149,831	153,946	121,827	78,809	51,416	49,966	5,124	66.1	52.5	36.8	20.5	12.3	10.1	1.2
Mountain:														
55 Montana .....	25,947	28,505	26,602	23,661	18,332	13,783	1,167	90.1	86.5	75.8	62.7	43.8	29.0	2.0
56 Idaho .....	27,090	27,247	22,766	16,576	10,941	5,986	779	80.5	70.2	56.5	39.9	25.1	14.4	1.9
57 Wyoming .....	8,743	9,761	9,118	7,424	5,553	3,820	554	90.1	86.0	72.3	56.8	37.0	23.9	3.5
58 Colorado .....	28,790	32,003	31,005	24,057	15,119	16,052	2,884	86.8	78.7	68.1	50.5	29.4	26.8	4.8
59 New Mexico .....	12,488	13,858	11,728	10,256	6,368	5,024	552	78.7	66.1	49.9	34.5	18.7	16.0	1.8
60 Arizona .....	5,638	6,551	5,536	5,008	3,561	2,719	527	78.6	70.6	53.2	38.1	19.3	19.2	5.3
61 Utah .....	13,542	14,297	12,824	9,720	5,801	3,986	544	76.0	62.1	53.0	36.9	22.8	14.7	2.1
62 Nevada .....	2,009	2,262	1,967	1,898	1,408	1,118	161	86.7	80.6	63.1	55.4	39.4	32.5	5.1
Pacific:														
63 Washington .....	37,220	38,640	34,85											

## FARM FACILITIES, FARM EQUIPMENT

## DIVISIONS AND STATES: 1920 TO 1959

are based on reports for only a sample of farms. See text.]

1959	1954	1950	1945	1940	1930	1920	Number of motortrucks								Farms reporting motortrucks and no automobiles			
							Percent increase or decrease (-)								Average number per farm reporting			
							1954 to 1959	1950 to 1954	1945 to 1950	1940 to 1945	1930 to 1940	1920 to 1930	1959	1954	1950	1959	1954	1950
2,833,763	NA	2,213,735	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.3	NA	1.2	407,459	NA	1
2,825,493	2,702,811	2,206,670	1,490,300	1,047,084	900,385	139,169	4.5	22.5	48.1	42.3	16.3	547.0	1.3	1.2	1.2	406,539	613,353	2
1,314,121	1,219,926	1,021,391	748,541	558,549	537,790	89,579	7.7	19.4	36.5	34.0	3.9	500.4	1.2	1.2	1.2	97,376	148,295	3
1,046,089	1,040,779	821,410	469,383	309,915	237,305	30,395	0.5	26.7	75.0	51.5	30.6	680.7	1.2	1.2	1.2	279,362	419,984	4
473,553	NA	370,934	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.8	NA	1.4	30,721	NA	5
465,283	442,106	363,869	272,376	178,620	125,290	19,195	5.2	21.9	33.6	52.5	42.6	552.7	1.8	1.6	1.4	29,801	45,074	6
59,362	67,570	69,661	74,151	51,207	37,972	8,119	-12.1	-3.0	-6.1	44.8	34.9	367.7	1.6	1.4	1.4	5,676	9,724	7
158,790	167,652	162,481	148,632	116,714	120,789	22,011	-5.3	3.2	9.3	27.3	-3.4	448.8	1.4	1.3	1.3	13,217	21,283	8
449,645	444,720	342,787	240,161	191,394	198,172	26,074	8.4	21.0	42.7	25.5	-3.4	660.0	1.2	1.1	1.1	31,067	44,960	9
646,324	569,984	446,462	285,597	199,234	180,857	33,375	13.4	27.7	56.3	43.3	10.2	441.9	1.3	1.2	1.2	47,416	72,328	10
348,644	354,602	281,561	175,872	116,297	94,946	15,787	-1.7	25.9	60.1	51.2	22.5	501.4	1.2	1.2	1.2	81,339	126,169	11
286,695	283,921	224,182	105,736	71,830	45,568	5,153	1.0	26.6	112.0	47.2	57.6	784.3	1.1	1.1	1.1	102,141	148,599	12
410,750	402,256	315,667	187,775	121,788	96,791	9,455	2.1	27.4	68.1	54.2	25.8	923.7	1.3	1.2	1.2	95,882	145,216	13
225,152	208,011	165,777	118,528	75,552	55,742	7,589	8.2	25.5	39.9	56.9	35.5	634.5	1.8	1.5	1.4	15,202	24,375	14
248,401	NA	205,157	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.8	NA	1.5	15,519	NA	15
240,131	234,095	198,092	153,848	103,068	69,548	11,606	2.6	18.2	28.8	49.3	48.2	499.2	1.7	1.6	1.5	14,599	20,499	16
17,314	18,287	19,197	17,849	13,118	10,781	1,120	-5.3	-4.7	7.6	36.1	21.7	862.6	1.5	1.3	1.3	1,876	3,436	17
6,801	8,395	8,843	9,191	6,469	4,539	717	-19.0	-5.1	-3.8	42.1	42.5	533.1	1.3	1.3	1.3	805	1,536	18
9,987	11,180	10,600	9,567	6,172	5,035	616	-10.7	5.5	10.8	55.0	22.6	717.4	1.3	1.2	1.2	1,090	2,093	19
12,331	14,411	15,358	18,751	12,465	9,572	3,535	-14.4	-6.2	-18.1	50.4	30.2	170.8	1.7	1.5	1.4	1,168	1,636	20
1,313	1,904	2,455	3,142	1,982	1,701	536	0.5	-22.4	-21.9	58.5	16.5	217.4	1.8	1.6	1.6	93	140	21
11,016	13,393	13,208	15,651	11,001	6,344	1,595	-17.7	1.4	-15.6	42.3	73.4	297.7	1.8	1.6	1.6	644	883	22
66,486	71,150	72,440	69,141	55,285	58,974	9,259	-6.6	-1.8	4.8	25.1	-6.3	536.9	1.4	1.3	1.3	5,391	8,810	23
20,931	24,460	23,938	23,220	17,106	14,752	3,380	-14.4	2.2	3.1	35.7	15.9	336.5	1.8	1.6	1.5	1,397	2,187	24
71,373	72,042	66,103	56,271	44,323	47,062	9,372	-0.9	9.0	17.5	27.0	-5.8	402.2	1.2	1.2	1.2	6,429	10,286	25
81,528	77,859	64,780	42,808	35,169	39,210	7,319	4.7	20.2	51.3	21.7	-10.3	435.7	1.2	1.1	1.1	5,719	8,929	26
88,172	78,066	59,811	38,411	29,732	30,037	3,671	12.9	30.5	55.7	29.2	-1.0	718.2	1.2	1.1	1.1	6,959	9,534	27
113,675	100,356	86,776	56,629	42,515	40,371	6,154	13.3	15.6	53.2	33.2	5.3	556.0	1.1	1.1	1.1	7,720	9,066	28
75,700	71,076	56,966	43,303	33,095	36,768	4,886	6.5	24.8	37.9	24.8	-10.0	652.5	1.2	1.1	1.2	5,608	8,981	29
90,570	87,363	74,454	61,010	50,883	51,786	4,044	3.7	17.3	22.0	19.9	-1.7	1,180.6	1.1	1.1	1.1	5,061	8,450	30
103,402	90,295	70,357	47,413	38,617	36,557	3,803	14.5	28.3	48.4	22.8	5.6	861.3	1.2	1.1	1.1	6,040	8,138	31
99,759	84,643	62,375	37,386	26,352	32,669	8,910	17.9	35.7	66.8	41.9	-19.3	266.7	1.1	1.1	1.1	4,143	6,771	32
109,687	95,888	77,250	47,225	31,771	20,132	5,059	14.4	24.1	63.6	48.6	57.8	297.9	1.1	1.1	1.1	23,656	35,911	33
75,459	66,821	55,732	36,674	21,518	16,990	774	12.9	19.9	52.0	70.4	26.7	2,095.1	1.6	1.3	1.2	2,271	4,113	34
52,278	47,722	37,720	22,230	14,269	14,816	4,353	9.5	26.5	69.7	55.8	-3.7	240.4	1.3	1.2	1.2	2,085	3,361	35
83,439	72,196	54,193	33,761	24,090	26,045	6,548	15.6	33.2	60.5	40.1	-7.5	297.8	1.3	1.2	1.2	3,280	4,394	36
122,300	112,422	88,835	60,908	42,617	33,648	3,928	8.8	26.6	45.9	42.9	26.7	756.6	1.5	1.3	1.2	5,941	9,640	37
5,309	5,191	4,059	3,800	2,567	2,996	304	2.3	27.9	6.8	48.0	-14.3	885.5	1.5	1.4	1.3	307	466	38
21,215	22,275	21,443	19,197	13,058	11,284	2,805	-4.8	3.9	11.7	47.0	15.7	302.3	1.4	1.3	1.3	1,959	2,768	39
NA	NA	115	35	39	81	29	NA	NA	1-57.1	-10.3	-51.9	179.3	NA	NA	1-4	NA	NA	40
58,007	58,936	49,099	31,956	23,272	19,459	2,544	-1.6	20.0	53.6	37.3	19.6	664.9	1.2	1.2	1.2	14,793	20,020	41
24,704	27,011	24,615	16,285	12,445	7,432	936	-8.5	9.7	51.2	30.9	57.5	694.0	1.2	1.1	1.1	8,338	13,154	42
91,104	86,425	60,410	32,924	20,621	18,558	2,671	5.4	43.1	83.5	59.7	11.1	594.8	1.1	1.1	1.1	23,540	34,668	43
39,099	40,274	29,714	15,348	8,242	6,966	1,736	-2.9	35.5	93.6	86.2	18.3	301.3	1.2	1.1	1.2	8,102	12,598	44
72,784	77,468	62,865	34,688	21,693	15,967	3,145	-6.0	23.2	81.2	59.9	35.9	407.7	1.2	1.1	1.1	18,085	32,473	45
36,422	37,022	29,356	21,639	14,360	12,203	1,617	-1.6	26.1	35.7	50.7	17.7	654.7	1.5	1.4	1.4	6,215	10,022	46
74,947	68,013	54,957	27,194	19,100	7,188	1,538	10.2	23.8	102.1	42.4	165.7	367.4	1.1	1.1	1.1	20,740	29,093	47
76,843	60,272	26,326	18,908	9,039	1,430	53	21.1	128.9	39.2	109.2	532.1	1.1	1.1	1.1	27,100	38,215	48	
63,416	55,359	52,743	23,949	15,257	12,838	1,180	-3.0	23.9	120.2	57.0	18.8	988.0	1.1	1.1	1.1	24,281	36,384	49
71,489	77,551	56,210	28,267	18,565	16,503	1,005	-7.8	38.0	98.9	52.3	12.5	1,542.1	1.2	1.1	1.1	30,020	44,907	50
73,151	77,398	63,435	33,134	19,674	11,000	1,027	-5.5	22.0	91.4	68.4	78.9	971.1	1.2	1.2	1.1	29,192	45,684	51
47,153	48,666	36,824	20,974	17,005	9,281	874	-3.1	32.2	75.6	23.3	83.2	961.9	1.2	1.2	1.2	15,608	23,871	52
92,654	86,467	68,871	44,381	28,402	23,930	2,155	7.2	2										

Table 16.—AUTOMOBILES ON FARMS, BY

Data for conterminous United States for 1959, 1954, and 1950

Region, division, and State		Farms reporting automobiles													
		Percent of all farms													
		1959	1954	1950	1945	1940	1930	1920	1959	1954	1950	1945	1940	1930	1920
1	U. S. ....	2,956,713	NA	3,393,011	NA	NA	NA	NA	79.7	NA	63.0	NA	NA	NA	NA
2	Conterminous U. S. ....	2,951,995	3,391,557	3,389,773	3,630,433	3,542,036	3,650,003	1,979,564	79.8	70.9	63.0	62.0	58.1	58.0	30.7
3	The North ....	1,544,957	1,758,426	1,831,489	2,041,843	2,055,483	2,020,572	1,334,551	90.1	86.1	80.8	82.2	79.7	78.9	48.3
4	The South ....	1,107,907	1,280,582	1,204,317	1,210,012	1,116,739	1,269,642	442,675	67.3	55.3	45.4	42.0	37.1	39.4	13.8
5	The West ....	303,849	NA	357,205	NA	NA	NA	NA	87.2	NA	76.4	NA	NA	NA	NA
6	Conterminous area ....	299,131	352,549	353,967	378,578	369,814	359,789	202,338	87.5	83.5	76.7	76.6	72.6	71.5	42.3
Geographic Divisions:															
7	New England ....	47,992	64,434	72,096	107,724	84,731	75,566	40,269	84.4	78.8	69.9	71.7	62.7	60.5	25.7
8	Middle Atlantic ....	172,906	214,972	228,826	277,285	257,211	254,084	149,599	87.4	83.6	77.2	79.8	73.9	71.1	35.2
9	East North Central ....	605,942	696,541	731,621	804,544	824,036	770,108	513,052	91.0	87.2	82.7	84.4	81.9	79.7	47.3
10	West North Central ....	718,117	782,479	798,946	822,290	889,505	920,814	631,631	90.5	86.4	81.3	82.6	81.6	82.8	57.6
11	South Atlantic ....	416,665	515,023	469,596	491,883	420,094	445,454	187,236	70.4	60.0	49.0	47.1	41.2	41.6	16.2
12	East South Central ....	342,906	370,210	333,936	393,201	267,240	320,640	81,830	61.0	46.9	36.6	30.5	26.1	30.2	7.8
13	West South Central ....	348,336	395,349	400,785	424,928	429,405	503,548	173,609	71.0	59.1	51.4	48.4	44.5	45.6	17.4
14	Mountain ....	128,181	144,295	141,502	149,393	154,330	163,303	91,698	86.3	80.2	72.7	70.3	66.1	67.7	37.6
15	Pacific ....	175,668	NA	215,703	NA	NA	NA	NA	87.9	NA	79.0	NA	NA	NA	NA
16	Conterminous area ....	170,950	208,254	212,465	229,185	215,484	196,486	110,640	88.4	85.8	79.7	81.3	78.0	75.1	47.2
New England:															
17	Maine ....	14,355	17,616	19,879	27,223	22,701	23,015	11,686	82.8	75.4	65.5	64.5	58.2	59.0	24.2
18	New Hampshire ....	5,400	7,823	9,446	13,195	10,801	9,288	4,797	82.5	75.1	70.6	70.2	65.2	62.3	23.4
19	Vermont ....	10,475	12,541	13,107	17,335	15,128	15,825	7,611	86.1	78.4	68.8	65.4	64.2	63.6	26.2
20	Massachusetts ....	9,330	13,854	15,763	28,505	19,743	14,737	8,181	83.7	80.0	71.0	77.0	61.9	57.6	25.6
21	Rhode Island ....	1,222	1,613	1,955	3,021	2,139	2,055	1,198	87.3	82.6	75.0	83.8	71.0	61.9	29.3
22	Connecticut ....	7,210	10,987	11,946	18,445	14,219	10,646	6,796	87.3	86.1	76.6	82.9	67.2	61.9	30.0
Middle Atlantic:															
23	New York ....	73,122	89,695	97,294	119,494	113,913	115,010	68,003	88.8	84.9	78.0	79.9	74.3	72.0	35.2
24	New Jersey ....	13,443	18,966	18,864	21,183	18,514	17,782	11,731	86.9	83.6	76.1	80.8	71.7	70.1	39.5
25	Pennsylvania ....	86,341	106,311	112,668	136,608	124,784	121,292	69,865	86.3	82.5	76.8	79.5	73.8	70.3	34.5
East North Central:															
26	Ohio ....	125,319	151,667	163,216	185,116	188,863	172,078	119,511	89.3	85.6	81.9	83.9	80.8	78.5	46.6
27	Indiana ....	113,946	131,204	146,130	149,026	141,374	95,258	88.9	85.4	80.0	83.0	80.8	77.9	46.4	46.4
28	Illinois ....	141,898	152,189	159,653	171,242	176,138	170,606	125,586	91.8	86.6	81.8	83.8	82.5	79.5	52.9
29	Michigan ....	102,225	122,052	130,187	149,348	152,922	133,565	78,919	91.5	87.8	83.7	85.2	81.5	78.9	40.2
30	Wisconsin ....	122,554	139,429	145,330	152,708	157,087	152,485	99,798	93.4	90.8	86.2	85.9	84.1	83.9	49.6
West North Central:															
31	Minnesota ....	135,640	151,380	155,559	166,273	172,764	159,372	101,847	93.1	91.6	86.8	88.0	87.5	86.0	57.1
32	Iowa ....	165,665	178,217	180,974	189,749	192,456	193,810	156,081	94.8	92.3	89.1	90.8	90.2	73.1	30.9
33	Missouri ....	133,773	142,355	144,552	156,285	162,640	164,087	81,392	79.3	76.0	62.9	64.3	63.5	64.1	20.9
34	North Dakota ....	51,406	55,874	56,235	59,463	61,418	67,496	44,010	93.8	90.4	86.1	85.5	83.0	86.6	56.6
35	South Dakota ....	51,754	56,914	58,687	59,752	62,512	71,965	51,780	93.3	91.3	88.5	87.0	86.3	86.5	69.4
36	Nebraska ....	84,957	92,705	94,432	100,928	107,484	118,860	94,004	94.2	92.0	88.1	90.3	88.8	91.8	75.6
37	Kansas ....	94,922	105,034	108,507	119,840	130,231	145,224	102,517	91.2	87.3	82.6	84.9	83.3	87.5	62.0
South Atlantic:															
38	Delaware ....	4,630	5,198	5,418	7,640	6,835	7,498	3,693	89.0	82.6	72.7	82.2	76.0	77.2	36.4
39	Maryland ....	21,539	26,153	26,805	31,953	29,695	30,519	16,049	85.8	80.5	74.1	77.4	70.5	70.6	33.5
40	District of Columbia ....	NA	NA	16	20	30	45	50	NA	NA	121.4	50.0	46.2	43.3	24.5
41	Virginia ....	65,063	81,900	77,078	83,037	75,273	80,296	28,557	66.6	60.1	51.1	48.0	43.0	47.1	15.3
42	West Virginia ....	27,045	32,379	32,831	37,670	34,688	33,434	10,405	61.5	47.2	40.3	38.6	34.9	40.5	11.9
43	North Carolina ....	134,078	162,738	140,069	143,666	118,074	125,196	41,839	70.4	60.8	48.6	50.0	42.4	44.8	15.5
44	South Carolina ....	55,802	76,125	69,963	73,515	58,807	59,029	30,709	71.4	61.3	50.3	49.8	42.8	37.4	15.9
45	Georgia ....	75,649	95,731	89,237	86,062	72,140	85,276	47,173	72.2	57.9	45.1	38.1	33.4	35.2	15.2
46	Florida ....	32,859	34,799	28,195	28,320	24,552	24,161	8,761	73.0	60.5	49.6	46.3	39.4	41.0	16.2
East South Central:															
47	Kentucky ....	101,985	105,260	102,938	95,883	88,979	82,034	28,532	67.6	54.4	47.2	40.2	35.2	33.3	10.5
48	Tennessee ....	100,903	104,965	99,095	86,355	78,800	84,057	22,446	64.0	51.6	42.8	36.8	31.8	34.2	8.9
49	Alabama ....	67,136	75,503	64,417	56,187	46,202	71,167	15,906	58.0	42.7	30.5	25.2	19.9	27.6	6.2
50	Mississippi ....	72,882	84,482	67,486	54,776	53,259	83,372	14,946	52.8	39.1	26.9	20.8	18.3	26.7	5.5
West South Central:															
51	Arkansas ....	51,932	56,771	57,931	51,538	45,865	63,800	15,401	54.7	39.1	31.8	25.9	21.2	26.3	6.6
52	Louisiana ....	48,179	54,674	48,489	37,327	32,039	41,453	9,494	64.8	49.1	39.1	28.9	21.4	25.7	7.0
53	Oklahoma ....	71,579	78,445	83,390	95,225	102,921	117,537	49,017	75.6	65.8	58.7	57.8	57.3	57.7	25.5
54	Texas ....	176,646	205,459	210,975	240,838	248,580	280,758	99,697	78.0	70.1	63.7	62.6	59.5	56.7	22.9
Mountain:															
55	Montana ....	25,769	27,656	26,736	27,647	30,358	34,477	20,749	89.5	83.9	76.2	73.2	72.6	72.6	36.0
56	Idaho ....	30,226	33,014	31,825	31,601	32,806	30,776	16,651	89.8	85.1	78.9	76.2	75.1	73.8	39.5
57	Wyoming ....	8,413	9,588	9,319	9,551	10,889	11,462	6,180	86.7	84.4	73.9	73.0	72.5	71.6	39.2
58	Colorado ....	29,569	34,084	35,719	37,037	40,878	45,546	28,356	89.1	83.8	78.4	77.8	79.5	76.0	47.3
59	New Mexico ....	10,735	11,717	11,627	13,608	13,760	14,091	5,546	67.6	55.9	49.5	45.8	40.3	44.9	18.6
60	Arizona ....	5,861	7,221	7,025	8,966	7,925	8,211	4,534	81.7	77.8	67.5	68.2	42.9	57.9	45.5
61	Utah ....	15,733	18,832	17,246	18,680	15,352	16,343	8,246	88.3	81.8	71.3	71.0	60.4	60.2	32.1
62	Nevada ....	1,875	2,183	2,005	2,303	2,362	2,397	1,436	81.0	77.7	64.3	67.2	66.1	69.6	45.4
Pacific:															
63	Washington ....	46,265	55,855	54,275	63,713	60,870	50,769	27,626	89.7	85.8	77.7	79.8	74.5	71.6	41.7
64	Oregon ....	37,222	46,276	47,459	50,840	48,602	41,511	20,561	87.5	85.0	79.4	80.5	78.6	75.3	41.0
65	California ....	87,463	106,123	110,731	114,632	106,012	104,206	62,453	88.1	86.3	80.8	82.5	79.9	76.8	53.1
66	Alaska ....	254	NA	172	NA	NA	NA	69.2	NA	NA	NA	NA	NA	NA	NA
67	Hawaii ....	4,464	NA	3,066	NA	1,556	1,044	NA	71.5	NA	53.3	NA	31.2	17.5	NA

NA Not available.

<sup>1</sup>Data for District of Columbia not included in totals.

# FARM FACILITIES, FARM EQUIPMENT

221

## DIVISIONS AND STATES: 1920 TO 1959

are based on reports for only a sample of farms. See text.]

Number of automobiles							Farms reporting automobiles and/or motortrucks			Farms reporting motortrucks and no automobiles		Farms not reporting automobiles and/or motortrucks	
1959	1954	1950	1945	1940	1930	1920	1959	1954	1950	1959	1954	1959	1954
3,635,419	NA	4,204,194	NA	NA	NA	NA	3,364,174	NA	NA	407,459	NA	343,799	NA
3,628,679	4,262,785	4,199,224	4,148,275	4,144,136	4,134,675	2,146,362	3,358,536	4,004,910	4,045,587	406,539	613,353	342,828	778,111
1,934,258	2,247,511	2,306,661	2,378,114	2,451,045	2,358,041	1,453,583	1,642,335	1,906,721	2,024,828	97,376	148,295	72,157	136,554
1,287,847	1,505,003	1,402,929	1,301,943	1,229,060	1,353,337	470,519	1,387,269	1,700,566	1,605,986	279,362	419,984	257,759	616,730
413,314	NA	494,604	NA	NA	NA	NA	334,570	NA	NA	30,721	NA	13,883	NA
406,574	510,271	489,634	468,218	464,031	423,297	222,260	328,932	397,623	414,773	29,801	45,074	12,912	24,827
61,481	88,436	95,240	126,799	101,858	89,287	44,754	53,668	74,158	86,139	5,676	9,724	3,193	7,658
224,951	296,242	309,184	337,989	321,929	316,509	164,939	186,123	236,255	257,726	13,217	21,283	11,743	20,944
758,520	886,306	910,486	942,059	984,425	876,667	550,858	637,009	741,501	793,224	31,067	44,960	29,109	57,564
889,306	976,527	991,751	971,267	1,042,833	1,075,578	693,032	765,535	854,807	887,739	47,416	72,328	28,112	50,388
492,746	612,466	552,013	537,440	467,458	481,693	200,103	498,004	641,192	593,113	81,339	126,169	93,859	217,483
388,900	423,176	380,350	309,744	286,107	335,003	86,141	445,047	518,809	469,258	102,141	148,599	117,491	270,858
406,201	469,361	470,566	454,759	473,495	536,641	184,275	444,218	540,565	543,615	95,882	145,216	46,409	128,389
170,995	201,175	187,113	174,399	184,210	183,020	98,720	143,383	168,870	175,975	15,202	24,575	5,124	11,001
242,319	NA	307,491	NA	NA	NA	NA	191,187	NA	NA	15,519	NA	8,759	NA
235,579	309,096	302,521	293,819	279,821	240,277	123,533	185,549	228,753	239,198	14,599	20,499	7,788	13,826
17,205	21,792	23,937	30,095	25,540	26,227	12,569	16,231	21,052	25,005	1,876	3,436	1,111	2,319
6,790	10,188	12,068	14,987	12,901	11,079	5,263	6,205	9,359	11,444	805	1,536	339	1,064
13,151	16,756	16,580	19,663	17,979	18,620	8,172	11,365	14,634	15,872	1,090	2,093	602	1,365
12,242	19,946	21,443	32,901	23,734	17,638	9,309	10,498	15,490	18,293	1,168	1,636	651	1,826
1,637	2,296	2,778	3,965	2,883	2,569	1,395	1,315	1,753	2,221	93	140	85	200
10,456	17,458	18,434	25,188	18,821	13,154	8,046	7,854	11,870	13,304	644	883	405	884
93,150	122,978	129,895	144,948	139,718	141,916	74,753	78,513	98,505	110,236	5,391	8,810	3,841	7,166
18,563	28,721	27,756	27,875	24,223	22,371	13,695	14,840	21,153	22,049	1,397	2,187	623	1,542
113,238	144,543	151,533	165,166	157,988	152,222	76,491	92,770	116,597	125,441	6,429	10,286	7,279	12,236
161,625	197,161	208,027	221,587	231,368	201,552	128,384	131,038	160,596	174,308	5,719	8,929	9,328	16,502
140,417	162,494	159,223	165,796	172,981	154,556	102,122	120,905	140,738	144,945	6,959	9,534	7,238	12,959
172,546	190,062	195,887	200,914	210,555	192,873	139,090	149,618	161,255	175,986	7,720	9,066	5,034	14,450
130,682	166,909	164,756	172,655	181,209	150,922	82,437	107,833	131,033	140,816	5,608	8,981	3,932	7,910
153,250	179,680	182,593	181,107	188,312	176,764	98,825	127,615	147,879	157,169	5,061	8,450	3,577	5,743
171,006	192,877	195,663	191,691	208,693	185,717	107,824	141,681	159,518	167,340	6,040	8,138	3,958	5,806
205,275	225,451	228,097	224,216	236,601	240,512	177,558	169,808	184,984	190,597	4,143	6,771	4,877	8,021
151,040	161,096	162,548	165,243	176,285	176,466	86,229	157,429	178,266	184,463	23,656	35,911	11,250	23,414
66,648	72,322	73,597	69,235	71,907	78,798	47,711	53,677	59,987	61,879	2,271	4,113	1,114	1,821
66,471	74,067	77,293	68,717	72,675	81,923	58,202	53,840	60,275	62,957	2,085	3,361	1,656	2,075
110,317	121,117	120,947	118,572	126,269	141,144	104,453	88,237	97,099	100,547	3,280	4,394	1,986	3,634
118,549	129,597	133,606	133,593	150,403	171,018	111,055	100,863	114,674	119,956	5,941	9,640	3,271	5,617
5,995	7,055	7,063	9,537	8,164	8,724	4,014	4,937	5,664	6,156	307	466	266	627
28,369	38,077	36,476	41,485	38,848	37,972	17,702	23,498	28,921	30,600	1,959	2,768	1,610	3,562
NA	NA	129	22	39	60	58	NA	NA	NA	NA	NA	NA	NA
77,965	100,799	94,010	94,413	86,785	88,463	30,959	79,856	101,920	96,939	14,793	20,020	17,763	34,450
30,654	36,574	37,266	40,477	38,051	36,978	11,127	35,383	45,533	46,274	8,338	13,154	8,599	23,037
153,987	183,123	159,201	152,109	127,476	132,876	44,207	157,618	197,406	169,959	23,540	34,668	32,893	70,412
65,560	88,950	81,449	77,576	63,653	61,754	32,941	63,904	88,723	81,239	8,102	12,598	14,259	35,465
88,323	110,991	100,925	90,100	77,049	88,479	49,841	93,734	128,204	122,706	18,085	32,473	12,537	37,261
41,893	46,897	36,023	31,721	27,393	26,387	9,383	39,074	44,821	39,240	6,215	10,022	5,932	12,669
116,644	122,212	119,846	102,997	98,699	86,784	30,146	122,725	134,353	129,812	20,740	29,093	28,247	59,093
114,485	118,731	113,072	91,392	85,233	89,022	23,550	128,003	143,180	135,482	27,100	38,215	29,692	60,205
75,937	83,371	71,212	58,449	48,473	73,634	16,592	91,417	111,887	99,104	24,281	36,384	24,356	65,062
81,834	98,862	76,220	56,906	55,702	85,563	15,853	102,902	129,389	104,860	30,020	44,907	35,196	86,498
58,194	66,142	65,077	53,925	48,571	65,935	16,408	81,124	102,455	101,450	29,192	45,684	13,856	42,837
54,721	62,802	56,183	40,651	34,891	43,082	10,512	63,787	78,545	69,051	15,608	23,871	10,583	32,695
82,561	89,574	94,796	100,584	112,369	127,448	52,063	89,067	104,777	111,414	17,488	26,332	5,611	14,493
210,725	250,643	254,510	259,599	277,664	300,176	105,292	210,240	254,788	261,700	33,594	49,329	16,359	38,364
34,863	38,284	34,937	31,569	35,699	38,166	22,072	28,207	31,866	32,704	2,438	4,210	595	1,090
38,283	43,189	39,995	35,802	38,184	33,966	17,646	32,783	37,186	37,500	2,557	4,172	865	1,624
11,493	13,956	12,812	11,445	13,852	12,824	6,705	9,447	11,086	11,785	1,034	1,498	258	269
39,876	47,492	48,836	44,529	50,426	52,258	30,830	32,206	38,774	43,654	2,637	4,690	977	1,898
13,939	16,216	14,947	15,351	15,731	15,395	6,018	14,553	17,311	17,081	3,818	5,594	1,316	3,666
9,685	15,197	11,751	12,356	10,401	9,916	5,082	6,784	8,518	8,726	923	1,297	389	767
19,907	23,346	20,769	20,303	16,759	17,574	8,657	17,154	21,448	21,491	1,421	2,616	657	1,560
2,949	3,495	3,066	3,044	3,184	2,921	1,717	2,249	2,681	2,634	374	498	67	127
61,106	74,429	69,400	74,205	70,490	55,995	29,792	50,007	61,683	62,871	3,742	5,828	1,547	3,452
47,375	61,077	61,816	59,362	58,797	47,440	22,223	40,807	51,758	54,537	3,585	5,482	1,744	2,684
127,098	173,590</												

## GENERAL REPORT

Table 17.—SPECIFIED FARM EQUIPMENT, NUMBER PER 1,000 ACRES OF SELECTED CROPS HARVESTED, BY DIVISIONS AND STATES: 1959, 1954, AND 1950

[Data for conterminous United States are based on reports for only a sample of farms. See text.]

Region, division, and State	Grain combines						Corn pickers				Pick-up balers			
	Number of grain combines per 1,000 acres of selected crops harvested			Acres of selected crops harvested <sup>1</sup>			Number of corn pickers per 1,000 acres of corn harvested for all purposes		Acres of corn harvested for all purposes		Number of pick-up balers per 1,000 acres hay crops cut		Acres of hay crops cut excluding grass silage <sup>2</sup>	
	1959	1954	1950	1959	1954	1950	1959	1954	1959	1954	1959	1954	1959	1954
1 U. S. ....	7.6	NA	NA	137,393,944	NA	147,282,524	NA	NA	79,616,031	NA	10.9	NA	62,291,862	NA
2 Conterminous U.S.	7.6	6.7	4.8	137,391,110	145,129,844	147,281,599	10.0	8.8	79,615,798	78,122,557	10.9	6.5	62,285,442	68,784,103
3 The North .....	9.0	7.5	5.1	86,356,268	95,362,076	97,245,752	11.0	10.8	62,932,388	57,878,577	11.7	6.8	41,724,499	46,438,577
4 The South .....	5.9	6.0	5.1	30,142,793	28,703,360	27,587,327	5.9	3.1	15,455,567	19,280,121	12.0	7.3	10,509,981	11,943,826
5 The West .....	4.1	NA	NA	20,894,883	NA	22,449,445	NA	NA	1,228,076	NA	6.6	NA	10,057,382	NA
6 Conterminous area .....	4.1	4.2	3.3	20,892,049	21,064,408	22,448,520	5.8	4.9	1,227,843	963,859	6.5	4.2	10,050,962	10,401,700
Geographic Divisions:														
7 New England .....	22.5	16.0	9.7	79,278	114,868	125,480	3.2	2.0	122,892	144,971	9.1	5.0	1,628,122	1,818,165
8 Middle Atlantic .....	19.4	13.4	8.1	2,438,181	3,109,308	3,372,441	16.4	10.6	1,897,642	2,178,605	15.7	9.9	5,003,843	5,262,420
9 East North Central .....	13.3	11.6	7.9	22,284,630	23,324,190	24,330,085	12.7	12.1	23,504,958	21,849,319	17.4	9.8	10,812,935	12,552,174
10 West North Central .....	7.0	5.9	4.0	61,545,179	68,813,710	69,417,746	9.7	10.0	37,406,896	33,705,682	8.5	5.0	24,279,599	26,805,818
11 South Atlantic .....	11.1	10.3	9.0	5,066,759	4,974,105	4,561,782	5.8	3.3	6,966,678	8,106,311	14.5	7.9	3,354,473	4,037,500
12 East South Central .....	11.6	11.7	13.1	3,111,242	2,880,483	2,114,071	5.7	2.6	6,085,542	7,743,629	11.8	7.1	3,557,028	3,824,187
13 West South Central .....	3.9	4.1	3.4	21,964,614	20,848,772	20,911,474	6.4	3.4	2,403,347	3,430,181	9.8	6.9	3,598,480	4,082,139
14 Mountain .....	4.1	4.5	3.4	13,378,250	12,822,456	14,575,077	6.4	4.7	832,411	756,205	6.3	3.7	6,748,176	6,936,846
15 Pacific .....	4.1	NA	NA	7,516,633	NA	7,874,368	NA	NA	395,665	NA	7.2	NA	3,309,206	NA
16 Conterminous area .....	4.1	3.8	3.3	7,513,799	8,241,952	7,873,443	4.7	5.3	395,432	207,654	7.2	5.1	3,302,786	3,464,854
New England:														
17 Maine .....	19.6	13.2	5.6	55,155	84,820	95,009	5.3	1.2	9,016	10,823	7.1	3.6	439,295	504,367
18 New Hampshire .....	39.0	56.5	35.9	980	2,213	2,313	3.0	3.7	9,725	10,848	9.6	4.8	175,023	209,246
19 Vermont .....	23.9	18.9	15.8	17,985	18,845	19,589	1.7	0.5	46,694	57,853	8.0	4.0	648,328	684,658
20 Massachusetts .....	49.0	23.0	36.1	2,439	4,081	3,985	4.3	2.5	23,351	26,453	12.4	8.4	192,181	218,057
21 Rhode Island .....	24.0	22.3	35.2	579	941	1,051	10.2	4.4	4,552	5,921	13.7	9.8	17,733	18,230
22 Connecticut .....	56.0	32.8	32.0	2,140	3,968	3,533	2.7	3.4	29,554	33,073	13.5	8.6	155,562	183,607
Middle Atlantic:														
23 New York .....	18.6	13.3	7.9	1,006,659	1,276,899	1,368,024	10.9	6.7	622,964	712,693	13.0	8.3	2,827,224	2,981,334
24 New Jersey .....	18.2	16.0	13.0	123,464	153,524	154,140	15.5	10.4	141,066	190,304	18.0	14.5	180,568	208,406
25 Pennsylvania .....	20.2	13.2	7.9	1,308,058	1,678,885	1,850,277	19.4	12.8	1,133,612	1,275,608	19.3	11.8	1,996,051	2,072,680
East North Central:														
26 Ohio .....	15.0	13.6	9.3	3,810,712	3,996,209	4,333,246	16.7	15.3	3,588,609	3,557,261	21.9	12.0	1,912,500	2,438,351
27 Indiana .....	12.2	11.1	8.4	4,444,735	4,575,474	4,528,857	13.2	13.3	5,102,550	4,791,437	19.0	11.0	1,361,762	1,705,303
28 Illinois .....	10.9	10.4	8.2	8,601,642	8,755,941	8,775,097	10.5	11.0	10,034,394	9,026,334	19.1	12.4	2,028,037	2,417,370
29 Michigan .....	16.3	14.7	8.0	2,807,131	2,942,017	3,392,278	16.0	12.6	1,956,370	1,871,006	15.5	8.5	1,828,149	2,259,295
30 Wisconsin .....	17.2	10.5	4.5	2,620,410	3,054,549	3,300,607	12.5	9.0	2,823,035	2,603,281	14.6	6.9	3,682,487	3,731,855
West North Central:														
31 Minnesota .....	8.9	6.2	3.2	8,187,935	9,833,490	9,880,183	10.6	11.6	6,896,141	5,405,793	13.5	6.7	3,371,189	3,775,005
32 Iowa .....	14.6	10.8	6.5	6,816,401	8,196,511	8,025,028	10.1	11.8	12,398,090	10,264,917	16.9	10.1	3,463,209	3,813,631
33 Missouri .....	10.4	9.2	6.9	5,001,938	4,853,895	4,004,224	11.2	8.5	4,138,620	4,029,472	12.9	8.0	2,452,944	2,583,182
34 North Dakota .....	3.5	3.1	2.5	14,050,217	16,310,272	15,565,039	5.2	4.7	1,309,656	1,225,590	3.6	2.4	3,832,310	3,554,621
35 South Dakota .....	6.3	4.0	2.5	5,281,353	8,357,300	8,902,374	7.9	8.1	4,100,526	4,013,857	2.8	1.9	4,656,290	5,200,330
36 Nebraska .....	8.4	8.0	5.3	6,377,817	6,365,442	6,924,234	8.7	8.8	6,693,922	6,732,181	4.0	2.3	4,665,611	5,398,516
37 Kansas .....	4.6	5.1	4.3	15,838,518	14,896,800	16,116,664	11.8	9.6	1,869,941	2,033,872	13.4	7.2	1,838,046	2,480,533
South Atlantic:														
38 Delaware .....	9.8	11.2	7.6	194,354	149,698	150,592	13.6	11.0	147,737	169,362	22.5	13.0	38,232	53,383
39 Maryland .....	12.4	11.3	8.2	478,169	498,834	491,503	12.4	10.3	461,666	498,252	17.3	11.6	380,831	423,336
40 District of Columbia .....	NA	NA	NA	NA	NA	NA	...	NA	NA	NA	NA	NA	NA	NA
41 Virginia .....	11.6	10.7	7.7	877,123	835,736	832,386	10.9	6.9	727,616	876,518	13.5	8.0	1,069,016	1,135,321
42 West Virginia .....	15.9	8.6	5.5	59,526	97,983	114,312	9.9	4.5	119,017	189,022	9.3	3.6	590,257	702,181
43 North Carolina .....	12.3	12.5	12.2	1,411,686	1,241,629	1,084,652	5.8	3.3	1,812,461	2,029,795	16.8	8.2	599,364	849,495
44 South Carolina .....	8.7	8.4	11.5	987,895	900,387	587,860	2.3	0.9	776,621	1,051,252	16.3	7.2	265,544	413,590
45 Georgia .....	10.9	8.8	6.9	947,595	1,144,277	1,224,479	4.0	1.7	2,428,442	2,760,396	17.2	9.8	342,069	397,503
46 Florida .....	9.6	9.0	6.7	110,411	105,561	75,998	3.9	1.7	493,118	531,714	15.0	8.9	69,160	62,691
East South Central:														
47 Kentucky .....	19.6	15.9	12.5	541,203	581,637	564,072	10.1	5.4	1,650,060	1,962,527	12.6	7.8	1,465,337	1,444,912
48 Tennessee .....	15.7	14.9	14.4	830,316	791,636	703,644	6.0	2.5	1,416,688	1,838,915	11.0	6.2	1,189,575	1,266,525
49 Alabama .....	10.6	9.8	8.9	483,106	520,490	510,578	3.0	1.3	1,867,430	2,314,468	11.6	6.0	374,558	506,160
50 Mississippi .....	5.9	7.6	17.8	1,256,795	986,720	335,777	3.1	1.2	1,151,364	1,627,719	11.5	7.9	527,558	606,590
West South Central:														
51 Arkansas .....	4.6	6.1	8.0	2,968,959	2,100,602	988,093	4.4	2.3	378,993	709,723	9.8	6.5	636,270	775,107
52 Louisiana .....	6.7	5.5	5.3	758,460	860,329	656,685	3.4	1.1	396,579	606,450	11.0	8.5	360,760	368,240
53 Oklahoma .....	4.2	4.3	3.3	6,461,176	6,448,620	7,573,713	11.6	8.5	212,425	276,920	9.8	6.5	1,159,992	1,430,815
54 Texas .....	3.5	3.6	3.0	11,776,019	11,439,221	11,692,983	7.0	3.9	1,415,350	1,837,088	9.4	7.1	1,441,458	1,507,977
Mountain:														
55 Montana .....	3.1	3.2	2.9	5,841,147	5,875,779	5,415,007	2.1	1.4	110,223	156,028	4.4	2.5	2,100,171	2,276,594
56 Idaho .....	5.9	6.0	4.7	2,147,310	2,219,021	2,238,297	6.1	6.4	77,818	44,010	9.8	6.0	1,158,986	1,1