

# U.S. CENSUS OF AGRICULTURE : 1959

*Final Report—Vol. V—Part 7—Special Reports*

## Large-Scale Farming in the United States

### SPECIAL REPORTS

*Prepared under the supervision of*  
**RAY HURLEY, Chief**  
Agriculture Division



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### SUGGESTED CITATION

U.S. Bureau of the Census. U.S. Census of Agriculture: 1959. Vol. V, Special Reports  
Part 7, Large-Scale Farming in the United States  
U.S. Government Printing Office, Washington, D.C., 1963

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C.,  
or any of the Field Offices of the Department of Commerce. Price 40 cents.

## PREFACE

Very little information regarding large-scale farming has been published. This report has been prepared for the purpose of presenting data for the 19,979 farms with a value of farm products sold of \$100,000 or more in 1959. A knowledge of how extensive large-scale farming is, the distribution and relative importance of large-scale farms in each State, the kinds and amounts of resources used, and the kinds and amounts of important farm products produced will be helpful in understanding the structure of American agriculture, the kind of changes that have occurred, and in analyzing the kind and extent of future changes.

The data in this report were assembled by tabulating data for all farms with a value of farm products sold of \$100,000 or more in 1959. The preparation of this report was supervised by Ray Hurley, Chief of the Agriculture Division, Bureau of the Census, assisted by Thomas D. Monroe, Robert S. Boyle, and Helen M. Davenport.

May 1963

III

# UNITED STATES CENSUS OF AGRICULTURE: 1959

## FINAL REPORTS

**Volume I—Counties**—A separate part for each State, Puerto Rico, Guam, Virgin Islands, and American Samoa. Statistics on number of farms; farm characteristics; acreage in farms; cropland and other uses of land; land-use practices; irrigation; farm facilities and equipment; farm labor; farm expenditures; use of commercial fertilizer; number and kind of livestock; acres and production of crops; value of farm products; characteristics of commercial farms, farms classified by tenure, size, type, and economic class; and comparative data from the 1954 Census.

Part	State or States	Part	State or States	Part	State or States	Part	State or States
1	New England States:	15	West North Central:	30	East South Central:	44	Mountain—Con.
2	Maine.	16	Minnesota.	31	Kentucky.	45	Utah.
3	New Hampshire.	17	Iowa.	32	Tennessee.		Nevada.
4	Vermont.	18	Missouri.	33	Alabama.		Pacific:
5	Massachusetts.	19	North Dakota.		Mississippi.	46	Washington.
6	Rhode Island.	20	South Dakota.		West South Central:	47	Oregon.
	Connecticut.	21	Nebraska.	34	Arkansas.	48	California.
	Middle Atlantic States:		Kansas.	35	Louisiana.	49	Alaska.
7	New York.		South Atlantic:	36	Oklahoma.	50	Hawaii.
8	New Jersey.	22	Delaware.	37	Texas.		Other Areas:
9	Pennsylvania.	23	Maryland.		Mountain:	51	American Samoa.
	East North Central:	24	Virginia.	38	Montana.	52	Guam.
10	Ohio.	25	West Virginia.	39	Idaho.	53	Puerto Rico.
11	Indiana.	26	North Carolina.	40	Wyoming.	54	Virgin Islands.
12	Illinois.	27	South Carolina.	41	Colorado.		
13	Michigan.	28	Georgia.	42	New Mexico.		
14	Wisconsin.	29	Florida.	43	Arizona.		

**Volume II—General Report**—In 1 volume and also as 13 separates (for the Introduction and for each chapter). Statistics by subjects for 1959 and prior censuses. Statistics are presented for the United States, geographic regions, and divisions, and for the States.

Chapter	Title	Chapter	Title
I	Introduction.	VII	Field Crops and Vegetables.
II	Farms and Land in Farms.	VIII	Fruits and Nuts, Horticultural Specialties, Forest Products.
III	Age, Residence, Years on Farm, Work Off Farm.	IX	Value of Farm Products.
IV	Farm Facilities, Farm Equipment.	X	Color, Race, and Tenure of Farm Operator.
	Farm Labor, Use of Fertilizer, Farm Expenditures, and Cash Rent.	XI	Economic Class of Farm.
V	Size of Farm.	XII	Type of Farm.
VI	Livestock and Livestock Products.		

**Volume III—Irrigation of Agricultural Lands**—Data from the Irrigation Censuses of 1959 and 1950, by drainage basins, for the conterminous United States and for each of the 17 western States and Louisiana. Separate maps are available. Report also includes data from the 1959 Census of Agriculture for land irrigated and acres and production of crops on irrigated land in the 18 conterminous States and Hawaii.

**Volume IV—Drainage of Agricultural Lands**—Statistics for States and counties and for the conterminous United States, presenting 1960 data on number, area, physical works, and costs for drainage projects of 500 or more acres by size, type, and year organized. Maps are included.

### Volume V—Special Reports

**Part 1.—Special Census of Horticultural Specialties**—Statistics for States, except Alaska and Hawaii, and for the conterminous United States, presenting 1959 data on number and kinds of operations, gross receipts and/or sales, sales of specified products, inventories, employment, and structures and equipment.

**Part 2.—Irrigation in Humid Areas**—Statistics for 30 eastern States showing 1960 data on acres irrigated, number of constructed ponds and reservoirs, source and method of applying water, type of pumping power, acreage of individual crops irrigated, and frequency of irrigation by States and counties.

**Part 3.—Ranking Agricultural Counties**—Statistics for selected items of inventory and agricultural production for the leading counties in the United States.

**Part 4.—Farm Taxes and Farm Mortgage**—A cooperative report by the Economic Research Science, U.S. Department of

Agriculture and the Bureau of the Census, U.S. Department of Commerce, presenting 1961 data by States on taxes on farms, number of mortgaged farms operated by full owners and part owners, amount of mortgage debt held by principal lending agencies, and amount of interest paid.

**Part 5.—1960 Sample Survey of Agriculture**—Statistics by economic class and type of farm, showing 1960 data on farm-operator-family income from farm and off-farm sources; inventory and use of selected types of farm equipment, tractors by year made and fuel used; number, size, and materials used for new buildings constructed 1958 to 1960; number of farmers having contracts with dealers, processors, or others for the production and marketing of 15 farm products; and real estate and non-real-estate debts of farm operators and farm landlords by lending agencies.

**Part 6.—A Graphic Summary of Agriculture, 1959**—A cooperative report by the Economic Research Service, U.S. Department of Agriculture and the Bureau of the Census, U.S. Department of Commerce, presenting graphically for 1959 and prior census years some of the significant uses of agricultural land; the extent and nature of the various kinds of tenure under which farms are held and operated; and changes and developments in the use of agricultural resources and production of agricultural products.

**Special Publication—Principal Data-Collection Forms and Procedures: United States Census of Agriculture, 1959, and Related Surveys**—Facsimiles of the enumeration forms used, showing variations for the 50 States, Puerto Rico, American Samoa, Guam, and the Virgin Islands, together with brief descriptions of the census field procedures for the census and the related surveys.

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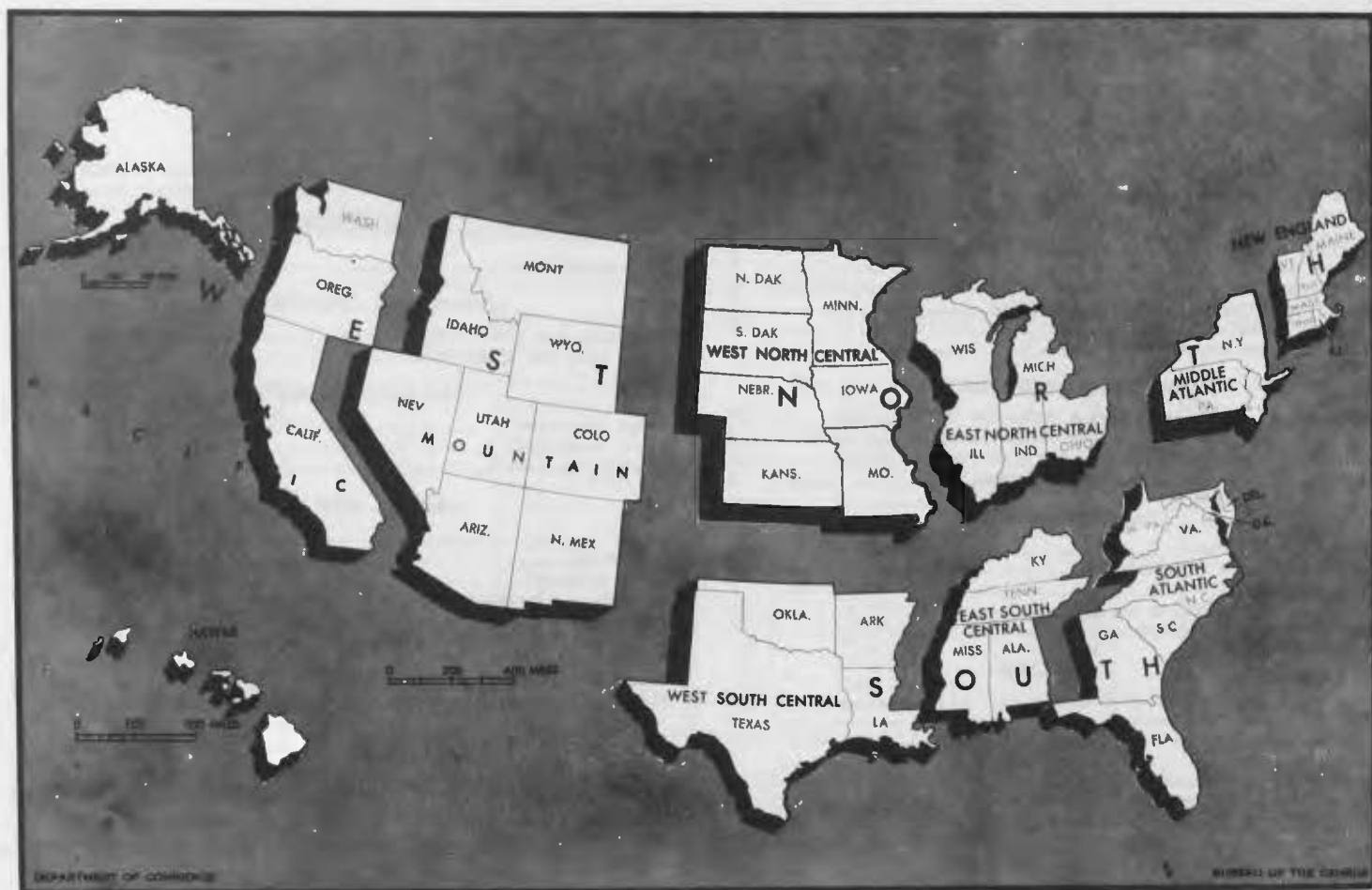
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## INTRODUCTION

**Purpose of report.**—The purpose of this report is to present data from the 1959 Census of Agriculture regarding the number, distribution, resources, production, and importance of farms with a value of farm products sold of \$100,000 or more in 1959. These data are for the large-scale farms in the United States. There are many measures of size of farm. Acres in the farm is one measure. However, for this report, value of farm products sold is used as the measure of size or scale of operations.

**Census definition of a farm.**—For the 1959 Census of Agriculture the definition of a farm was based primarily on a combination of "acres in this place" and the estimated value of agricultural products sold.

The word "place" was defined to include all land under the control or supervision of one person or partnership at the time of enumeration and on which agricultural operations were conducted at any time in 1959. Control may have been exercised through ownership or management; or through a lease, rental, or cropping arrangement.

Places of 10 or more acres in 1959 were counted as farms if the estimated sales of agricultural products for the year amounted to at least \$50. Places of less than 10 acres in 1959 were counted as farms if the estimated sales of agricultural products for the year amounted to at least \$250. Places not meeting the minimum estimated level of sales in 1959 were nevertheless counted as farms if they could normally be expected to produce agricultural products in sufficient quantity to meet the requirements of the definition. This additional qualification resulted in the inclusion as farms of some places that were engaged in farming operations for the first time in 1959, as well as places affected by crop failure or other unusual conditions.

**Farm operator.**—The term "farm operator" is used to designate a person who operates a farm, either doing the work himself or directly supervising the work. He may be the owner; a member of the owner's household; a hired manager; or a tenant, renter, or sharecropper. If he rents land to others or has land worked on shares by others, he is considered as operator only of the land which he retains for his own operation. In the case of a partnership, only one partner is counted as the operator. The number of farm operators is considered to be the same as the number of farms.

**Farms reporting or operators reporting.**—Figures for farms reporting or operators reporting, based on a tabulation of all farms, represent the number of farms, or farm operators, for which the specified item was reported. For example, the total number of farms with a value of farm products sold of \$100,000 or more in California was 5,339, but only 4,222 of these farms reported cropland harvested. The difference represents the number of farms from which no crops were harvested in 1959, provided a correct report was received for all farms.

**Land in farms.**—The acreage designated as "land in farms" consists primarily of "agricultural" land—that is, land used for crops

and pasture or grazing. It also includes considerable areas of land not actually under cultivation nor used for pasture or grazing. For example, the entire acreage of woodland and wasteland owned or rented by farm operators is included as land in farms unless it was being held for nonagricultural purposes or unless the acreage was unusually large. If a place had 1,000 or more acres of woodland not pastured and wasteland, and if less than 10 percent of the total acreage in the place was used for agricultural purposes, the acreage of woodland not pastured and wasteland was reduced to equal the acreage used for agriculture.

All grazing land was to be included as land in farms provided the place of which it was a part was a farm. Grazing lands administered by the U.S. Forest Service and used under permits were not included as land in farms. These lands total about 64 million acres. Likewise, rangelands, administered by the Bureau of Land Management of the U.S. Department of the Interior, used under permit are not included as land in farms. These grazing lands totaled approximately 161 million acres in 1959. Grazing lands leased to farm and ranch operators by the Bureau of Land Management and grazing lands owned by State agencies are included. Grazing land operated by grazing associations was to be reported in the name of the person chiefly responsible for conducting the business of the association. Land used rent free was to be reported as land rented from others. All land in Indian reservations that was used for growing crops or grazing livestock was to be included. Land in Indian reservations that was not reported by individual Indians and that was not rented to non-Indians was to be reported in the name of the cooperative group that used the land. In some instances, an entire Indian reservation was reported as one farm.

**Land in farms according to use.**—Land in farms was classified according to its use in 1959. The classes of land are mutually exclusive; i.e., each acre of land was included only once even though it may have had more than one use during the year.

**Cropland harvested.**—This includes land from which crops were harvested; land from which hay (including wild hay) was cut; and land in small fruits, orchards, vineyards, nurseries, and greenhouses. Land from which two or more crops were harvested was to be counted only once. The entry for cropland harvested was obtained directly from the farm operator and then verified by the census enumerator by adding the acreages of each crop reported and subtracting from this total the acres of land from which two or more crops were harvested. This checking was repeated during the office processing for farms with 100 or more acres of cropland harvested. The enumerator was directed to list under "Cropland harvested" only any acreage that had additional uses during the year. For instance, any land from which hay was cut was classified as cropland harvested, regardless of the use of land for grazing later in the year.

**Cropland used only for pasture.**—The enumerator was instructed to include all land used only for pasture or grazing that

could have been used for crops without additional improvement and all land planted to crops that were hogged off, pastured, or grazed before reaching maturity.

**Cropland not harvested and not pastured.**—This class includes cultivated summer fallow, cropland used only for soil-improvement crops, land on which crops failed, land planted to crops for harvest after the year covered by the census, and idle cropland. The data for this class were obtained through the use of two inquiries in some States and three in other States as follows:

**Cultivated summer fallow.**—This land use was obtained for the 17 Western States in the conterminous United States. The acreage of cultivated summer fallow is negligible in those States where the inquiry was not included on the questionnaire. Cultivated summer fallow was defined as cropland that was plowed and cultivated but left unseeded to control weeds and conserve moisture.

**Cropland used only for soil-improvement crops.**—Only land used for cover crops to control erosion or to be plowed under for green manure and planted to another crop fell into this category. A large proportion of this land was covered by contracts of the soil bank. The enumerator was cautioned not to include land from which crops were harvested in the census year or land that was pastured or grazed. There was no separate inquiry for Alaska and Hawaii. In these two States cropland used only for soil-improvement purposes was included under other cropland not harvested and not pastured.

**Other cropland not harvested and not pastured.**—All cropland except cropland harvested, cropland in cultivated summer fallow, cropland pastured, and land used only for soil-improvement crops was included in this land-use class. This total included all acreage on which crops failed because of drought, floods, insects, etc.; acreage not harvested because of low prices or labor shortage; acreage not harvested but occupied by growing crops intended for harvest in later years; acreage which had been plowed, and could be plowed again without first clearing away brush, but which had been idle for one or more years.

**Woodland pastured.**—This includes all woodland that was used for pasture or grazing during the census year. According to instructions, woodland refers to woodlots and timber tracts, natural or planted.

**Woodland not pastured.**—The enumerator was instructed to include in this category land in the soil bank planted to trees.

**Other pasture.**—All land other than woodland and cropland used for pasture or grazing was designated other pasture.

**Improved pasture.**—A pasture that had been limed, fertilized, seeded, irrigated, drained, or cleared of weeds and brush was to be considered improved pasture. Information on improved pasture is not available for Alaska.

**All other land.**—This item refers to all land not included in any of the preceding land-use items and includes land occupied by a house or other buildings; lanes, roads, and ditches; and land area of ponds and wasteland. Unusually large tracts of other land held primarily for purposes other than agriculture were excluded from the tabulations.

**Irrigation.**—Irrigated land is defined as land watered by artificial means for agricultural purposes. These means included subirrigation as well as systems whereby water was applied to the ground surface, either directly or by sprinklers.

## SOIL-CONSERVATION PRACTICES

The census of agriculture obtained information on soil-conservation practices.

**Cropland in cover crops turned under for green manure.**—A cover crop is grown as a means of enriching and protecting soil resources. The land on which the cover crop was turned under for green manure was to be then planted to another crop. The entire acreage of cover crops sowed was to be reported even if the crop planted following the cover crops failed.

**Cropland used for grain or row crops farmed on the contour.**—The inquiry regarding cropland used for grain or row crops farmed on the contour was included (except for Florida) for all States in the conterminous United States. Crops are planted on the contour when the rows or strips are laid out at right angles to the natural slope of the land. Generally, alternate strips or rows of different crops are used to retard soil and water losses. The usual arrangement is to alternate row crops with close-seeded crops.

**Land in strip cropping systems for soil-erosion control.**—Strip cropping was defined as a practice of alternating close-grown crops with strips or bands of row crops or of alternating either close-grown crops or row crops with bands of cultivated fallow land. Wind strip cropping, stubble mulching, and other conservation practices help control soil blowing. Wind strip cropping involves the planting of crops in strips of uniform width which are arranged at right angles to the direction of prevailing winds. Small-grain crops and cultivated summer fallow often occupy alternating strips.

**Systems of terraces on crop and pasture land.**—This item relates to the acreage in ridge-type or channel-type terraces constructed on sloping cropland and pastureland. Terraced land was concentrated in the southern part of the Great Plains and in the Southern States.

## CLASSIFICATION OF FARMS

The farm classifications by size of farm, tenure of operator, type of farm, and economic class of farm were made on the basis of data reported on the questionnaire.

**Farms by size.**—Farms were classified by size according to the total land area established for each farm. The same classification was used for all States.

Users of size-of-farm statistics should give consideration to the definition of a farm for census purposes. By definition, a farm is essentially an operating unit, not an ownership tract. All land operated by one person or partnership represents one farm. In the case of a landlord with land assigned to croppers or other tenants, the land assigned to each cropper or tenant is considered a separate farm even though the landlord may operate the entire landholding as one unit in respect to supervision, equipment, rotation practices, purchase of supplies, or sale of products.

**Farms by tenure of operator.**—The classification of farms by tenure of operator was based on data reported for land owned, land rented from others or worked on shares for others, land managed for others, and (except for Alaska) land rented to others or worked on shares by others.

Each questionnaire was coded, during the editing process, to indicate whether it represented a farm operated by a full owner, part owner, manager, or tenant.



The various classifications of tenure, as used for the 1959 census, are defined below:

- a. Full owners operate only land they own.
- b. Part owners operate both land they own and land rented from others.
- c. Managers operate land for others and are paid a wage or salary for their services. Persons acting merely as caretakers or hired as laborers are not classified as managers. If a farm operator managed land for others and also operated land on his own account, the land operated on his own account was considered as one farm and the land managed for others, a second farm. If, however, he managed land for two or more employers, all the managed land was considered to be one farm. Generally, all farms operated by corporations, institutions, governmental agencies, and Indian reservations were considered as managed. Farms, other than those operated by a corporation or institution, etc., reported as managed, were classified as manager-operated only when—

1. The acres in the farm were 1,000 or more;  
or
2. There were 10 or more acres in vegetables harvested for sale; small fruits; or land in fruit orchards, vineyards, groves, and planted nut trees;  
or
3. The sale of nursery and greenhouse products totaled \$5,000 or more;  
or
4. There were 5 or more cattle and calves, or 25 or more milk cows, or 1,000 or more poultry on the farm;  
or
5. The acres of land from which crops were harvested plus the acres of land rented to others equaled 200 acres or more.

- d. Tenants rent from others or work on shares for others all the land they operate.

**Farms by type.**—The data for farms by type are estimates based on data tabulated for the commercial farms. The type represents a description of the major source of income from estimated farm sales. To be classified as a particular type, a farm had to have sales of a particular product or group of products amounting in value to 50 percent or more of the total value of all products sold during the year.

The types of farms, together with the products on which type classification is based, are as follows:

<i>Type of farm</i>	<i>Source of sales of farm products</i>
	[Products with sales value representing 50 percent or more of total value of all farm products sold]
Cash-grain.....	Corn, sorghums, small grains, soybeans for beans, cowpeas for peas, dry field and seed beans and peas. (Not used in Hawaii.)
Tobacco.....	Tobacco.
Cotton .....	Cotton.

Other field-crop.....Peanuts, potatoes (Irish and sweet), sugarcane for sugar or sirup, sweet sorghums for sirup, broomcorn, popcorn, sugar beets, mint, hops, and sugar beet seed. (For Hawaii, potatoes (Irish and sweet), rice, taro, peanuts, lotus roots, etc.) Data for sugarcane and pineapple farms for Hawaii have been included with "other field-crop farms" in this report.

Vegetable.....Vegetables.

Fruit-and-nut.....Berries, other small fruits, tree fruits, grapes, and nuts. Data for coffee farms in Hawaii have been included as "fruit-and-nut farms" in this report.

Poultry.....Chickens, chicken eggs, turkeys, ducks, and other poultry products.

Dairy.....Milk and cream. The criterion of 50 percent of total sales was modified in the case of dairy farms. A farm having value of sales of dairy products amounting to less than 50 percent of the total value of farm products sold was classified as a dairy farm if—

- (a) Milk and cream sold accounted for more than 30 percent of the total value of products sold and
- (b) Milk cows represented 50 percent or more of total cows and
- (c) The value of milk and cream sold plus the value of cattle and calves sold amounted to 50 percent or more of the total value of all farm products sold.

Livestock other than

dairy and poultry.....Cattle, calves, hogs, sheep, goats, wool, and mohair (except for farms in the 17 conterminous Western States, Louisiana, Florida, Alaska, and Hawaii that qualified as livestock ranches).

Livestock ranches .....Farms in the 17 conterminous Western States, Louisiana, Florida, Alaska, and Hawaii were classified as livestock ranches if the sales of livestock, wool, and mohair represented 50 percent or more of the total value of farm products sold and if pastureland or grazing land amounted to 100 or more acres and was 10 or more times the acreage of cropland harvested.

General.....Field seed crops, hay, silage, and forage. A farm was classified as general also if it had cash income from three or more sources and did not meet the criteria for any other type.

Miscellaneous.....Nursery and greenhouse products, forest products, mules, horses, colts, and ponies.

# LARGE-SCALE FARMING

**Value of farm products sold.**—Data were obtained for the value of farm products sold in 1959 in Alaska by enumeration and in the other 49 States by enumeration for some products and by estimation for others. The questionnaire used for the 1959 census provided for farm operators to report value of sales for the following products:

Vegetables	Milk and cream*
Flowers, trees, and ornamental plants (Hawaii)	Cattle
Nursery and greenhouse products	Calves
Forest products (Hawaii)	Hogs and pigs (Hawaii)
Standing timber*	Sheep and lambs (Hawaii)
Miscellaneous forest products*	Goats and kids (Hawaii)
Miscellaneous poultry products	Horses, colts, and ponies (Hawaii)
	Horses, mules, colts, and ponies*

\*48 conterminous States.

For all other agricultural products, the value of sales was estimated during the office processing. The State average prices used for calculating the value of farm products sold in Hawaii were furnished by the University of Hawaii, and for the 48 conterminous States were furnished by the Agricultural Marketing Service of the U.S. Department of Agriculture. One of three following procedures was used for estimating the value of farm products sold.

1. For the products for which data on quantities sold were obtained during enumeration, the State average prices were multiplied by the county totals of the quantities reported as sold or the quantities reported as produced for sale. The following products were covered by this procedure:

Corn for grain	Fenceposts
Sorghums for grain, seed, sirup, or dry forage*	Sawlogs and veneer logs
All small grains	Christmas trees*
Hay crops*	Chickens (broilers and others)
All berries and small fruits*	Chicken eggs
Firewood and fuelwood	Hogs and pigs*
Pulpwood	Sheep and lambs*
	Goats and kids*

\*48 conterminous States

2. For most of the agricultural products which are customarily raised for sale, the entire quantity produced was considered to be sold. The State average prices were, accordingly, multiplied by the county total production. The following farm products were covered by this procedure:

Cotton	Sugarcane for sugar
Popcorn	Tobacco
Sugar beets for sugar	Wool
Broomcorn	Mohair
Pineapples	

3. For all other crops, the State average prices were multiplied by the quantities sold as estimated on the basis of crop-disposition data furnished by the Agricultural Marketing Service, or on the basis of data reported in questions for "other crops" on the 1959 questionnaire.

For all tree fruits, nuts, and grapes (except in Hawaii), the entire quantity produced was considered as sold, except for apples, apricots, sour and sweet cherries, peaches, plums, prunes, tangerines, and oranges in States where a portion of the

crop was not harvested or was subjected to excess cullage as indicated by data obtained from the Agricultural Marketing Service of the U.S. Department of Agriculture.

Data for the sales of farm products represent total sales for the entire farm, regardless of who shared the receipts. For tenant-operated farms, the landlord's share of agricultural products was considered as sold provided the products were moved off the tenant farm. All crops, livestock, and poultry raised under a contract arrangement were considered as sold from the farm where they were raised. For institutional farms, all agricultural items produced on land operated by the institution and consumed by the inmates were to be reported as sold.

All sales data relate to one year's farm operations. Crop sales are for crops harvested during the crop year, whether the crops were actually sold immediately after harvest or placed in storage for later sale. Sales of livestock and livestock products relate to the calendar year, regardless of when the livestock or products were raised or produced. All wool and mohair reported as shorn or clipped was considered as sold.

Enumerators were instructed to record gross values of quantities sold, with no deductions for feed, seed, fertilizer, water, labor, or marketing costs. For some products, however, net values may have been reported. In the case of milk, particularly, some farm operators may have reported the payments they received as the gross value of sales, even though the buyer had deducted handling and hauling charges before making payment. Adjustments were made in the data reported only in cases of obvious error. The value of farm products sold does not include government payments for soil conservation, lime and fertilizer furnished, and subsidy payments.

**Farms by economic class.**—The economic classifications represent groupings of farms that are similar in characteristics and size of operation. The economic classes were established on the basis of one or more of four factors: (1) Total value of all farm products sold, (2) number of days the farm operator worked off the farm, (3) the age of the farm operator, and (4) the relationship of income received by the operator and members of his household from nonfarm sources to the value of all farm products sold. Institutional farms, Indian reservations, agricultural experiment stations, and grazing associations were always classified as "abnormal."

Farms were grouped into two major categories, commercial farms and other farms, mainly on the basis of total value of products sold. In general, all farms with a value of sales amounting to \$2,500 or more were classified as commercial. Farms with a value of sales of \$50 to \$2,499 were classified as commercial if the farm operator was under 65 years of age and (1) he did not work off the farm 100 or more days during the year and (2) the income received by the operator and members of his family from sources other than the farm operated was less than the value of all farm products sold. The remaining farms with a value of sales of \$50 to \$2,499, institutional farms, and Indian reservations were included in "other farms."

Commercial farms include all farms with a value of farm products sold of \$2,500 or more and farms with a value of farm products sold of less than \$2,500 provided the farm operator was under 65 years of age, and (1) he did not work off the farm 100 or more days, and (2) the income that he and members of his household received from sources other than the farm operated was less than the total value of farm products sold.

## FARM LABOR

Farmworkers include farm operators, unpaid family labor, and hired workers. Hired workers comprise both regular workers (those employed for 150 or more days during the year) and seasonal workers (those employed for less than 150 days during the year). Data on hired workers include the number of workers paid on a monthly, weekly, daily, hourly, and piece-rate basis.

**The specified farm labor workweek.**—Data on farm labor relate to the number of workers for the week prior to the enumeration in the fall of 1959. For individual farms, "last week" varied from the first week in October to the last week in December in 1959.

**Definition of farm labor.**—The enumerator was instructed to include as farm labor—

- a. Labor in fields, orchards, or home gardens.
- b. The care and feeding of livestock and poultry.
- c. Irrigation of crops.
- d. Transportation of farm products from his farm to market by the farm operator.
- e. Transportation of feed, fertilizer, and other supplies to the farm by the farm operator.
- f. Care and cleaning of milk pails and separators.
- g. Maintenance and repair of farm machinery and equipment.
- h. Regular farm help used in constructing or repairing farm buildings and fences.
- i. Contract farmwork for which labor is hired, but for which machines and equipment are furnished by the farm operator.
- j. Contract work done by persons supplied by a labor contractor or by cooperative organizations such as a citrus cooperative.
- k. Planning farmwork.
- l. Keeping farm records.
- m. Supervision of hired farm employees.
- n. Cutting firewood, fenceposts, timber, pulpwood, etc. except by persons specifically hired for this purpose.

Examples of the type of work not to be included were—

- a. Housework.
- b. Contract construction work.
- c. Customwork for which equipment and operating labor are hired, such as custom combining, hay baling, etc.
- d. Repair, installation, or construction work by persons employed specifically for such work.

For 1959, enumerators were instructed to include as hired workers, workers employed by a labor contractor, a cooperative organization, a processor, etc., to perform farmwork, such as harvesting of vegetable crops, picking fruit, etc. However, a review of available data indicates that farm operators and census enumerators usually did not report such workers as hired farmworkers. Farm operators do not consider such contract workers as hired farm labor as they do not employ them directly. Very often such contract workers are employed to harvest crops that were sold by the farm operator in the field or on the tree, or to perform farmwork for which the farm operator pays a fixed charge. Moreover, in the case of large-scale operations involving such contract workers, the farm operator may not know how many contract persons worked on his farm during a selected week.

**The operator.**—The typical farm operator not only plans the farm operations, but is also a part of the farm labor force. He has the dual role of planning and execution.

The advent of modern machinery, electricity, etc. has permitted the farm operator to dispense with much of the hired labor that was necessary in the past.

Some farmers operate their farms without any assistance, some use family or hired labor, and some use a combination of family and hired labor. While most operators both plan and execute farm operations, a few, such as hired managers, plan and supervise only. Other operators may provide only the labor and leave most of the planning to the landlord.

**Hired workers.**—For census purposes, hired workers are divided into two groups; those working 150 days or more (regular workers) and those working less than 150 days (seasonal workers).

**Fertilizer and lime.**—The enumerators were instructed to include all commercial fertilizer and lime used in 1959, regardless of when it was purchased, whether purchased by the landlord, the tenant, or both, jointly. Regardless of who purchased the fertilizer, it was to be reported on the questionnaire of the person who was operating the land on which it was applied. If the landlord was the purchaser but the tenant used the fertilizer on his crops, he (the tenant) was to report the fertilizer on his questionnaire. Manure, straw, gypsum, and refuse materials were not to be reported as fertilizer. Lime included ground limestone, hydrated and burnt lime, marl, oyster shells, and other forms of lime. Lime used for spray or sanitation purposes was excluded.

The fertilizer and lime may have been purchased in 1958, and may have been used in 1959 on crops planted in 1958 for harvest in 1959, or on crops planted in 1959 for harvest in 1960. If several applications were made during the year, the total amounts of fertilizer and lime were reported, but the acreage was counted only once.

The number of tons applied is the only measure of the quantity of fertilizer used obtained in the census.

Commercial fertilizer and lime used in 1959 under soil-conservation programs were to be reported.

The fertilizer inquiries on the questionnaire contained six parts listing the crops to which fertilizer might be applied. Only three parts were uniform for all States:

- (a) Hay and cropland pasture.
- (b) Other pasture (not cropland).
- (f) All other crops.

The other three parts, which varied by State, related to specified crops.

## FARM EXPENDITURES

The expenditure items included in the census for the conterminous United States in 1959 include feed for livestock and poultry; machine hire; hired labor; seeds, bulbs, plants, and trees; gasoline and other petroleum fuel and oil for the farm business; and the purchase of livestock and poultry. In Alaska and Hawaii, the census included, in addition, the expenditures for the purchase of commercial fertilizer; the cost of land clearing, breaking, and draining for Alaska; and the cost of lime and insecticides and fungicides purchased for Hawaii.

The expenditures were for the calendar year and were to be reported for each farm whether incurred by the operator or the landlord. For a farm operator who also rented land to others, only expenditures for the land he operated were to be reported.

For tenant-operated farms the expenditures reported were to include the amount spent by both the tenant and the landlord. In

some cases, tenants may not have reported the landlord's share of expenditures, and landlords who operated their own farms may have reported expenditures made for their entire holdings including the land they rented to tenants.

Expenditures for feed for livestock and poultry include payments for pasture, salt, condiments, concentrates, and mineral supplements as well as for grain, hay, and millfeeds made either by the farm operator or by his landlords, or by contractors where livestock or poultry was fed under contract. The amount spent for grinding and mixing feed was also to be included. Payments made by a tenant to his landlord for feed grown on the place were not to be included.

The purchase of livestock and poultry includes all kinds of livestock and poultry purchased. Livestock purchases were to include the cost of livestock fed under a contract arrangement except when the livestock was fed less than 30 days. Poultry purchases were to include baby and broiler chicks and turkey poults, whether purchased by the operator or by others under a contract arrangement. The farm operator raising broilers under contract was asked to estimate the value of chicks purchased by the person with whom he had a contract.

The expenditures for hired labor include only cash expenditures. The cost of perquisites furnished hired labor such as room, board, house, milk, meat, or other farm produced products were not to be included. Payments for housework, contract construction work, and labor connected with custom machine work were to be excluded.

Machine hire refers to custom farmwork, such as tractor hire, combining, cotton ginning, silo filling, plowing, spraying, fruit picking, etc. Expenditures for machine hire were to include the cost of labor as well as the cost for machines used by the labor. Expenditures for hauling, trucking, freight, etc. were not to be included.

The expenditures for seeds, bulbs, plants, and trees do not include the value or cost of seeds or plants produced on the farm nor of florist and nursery products purchased for resale without further growth.

#### LIVESTOCK AND LIVESTOCK PRODUCTS

The counting of the number of livestock on the place at the time the agriculture questionnaire was filled was specified for 1959. To insure that all livestock would be counted in the census, the farm operator was instructed to include all poultry and animals on the place whether owned by him or by others. A further instruction was given, for those areas where applicable, to include livestock grazing on land used under a permit.

The number of milk cows was obtained by an inquiry in connection with milk production at the time of enumeration. Farm operators were asked first for the number of cows and heifers milked the day preceding the enumeration and then the question, "How many milk cows were on this place yesterday? (Include dry milk cows and milk heifers that have calved.)"

All cows milked were considered to be milk cows regardless of whether kept only for the production of milk used on the place or of milk for sale.

All sales of animals and poultry were to be reported for the farm from which they were sold regardless of whether the sale was made by the farm operator or by someone else. Special emphasis was placed on the inclusion of broilers sold and turkeys raised when those kinds of poultry were grown under contract.

Sales of livestock and livestock products were to be reported for the calendar year. In the 1959 census, farm operators were asked to report separately the number of live animals already sold and the number estimated to be sold between the time of enumeration and the end of the year. This separation of reports for the number sold and to be sold was designed to assure more complete reporting of all sales made during the year.

**Whole milk and cream sold.**—Data for whole milk and cream relate to the entire calendar year 1959. All milk and cream sold from the farm (except quantities purchased from some other place and then resold) was to be included, regardless of who shared the receipts.

The questionnaire provided alternative units of measure for reporting the quantity of whole milk sold for all States except Hawaii. The units of measure specified were: Pounds, gallons, and pounds of butterfat for States in the conterminous United States; pounds and gallons for Alaska; and quarts for Hawaii.

The quantity of whole milk sold is published in pounds. Conversion from gallons to pounds was made by multiplying the number of gallons by 8.6. Pounds of butterfat in whole milk sold were converted into pounds of milk on the basis of the average butterfat content of milk in each State as furnished by the Agricultural Marketing Service of the U.S. Department of Agriculture.

Cream sold was enumerated in pounds of butterfat in 49 States. The inquiry regarding cream sold was not made in Hawaii. In tables showing total pounds of milk sold, cream was converted into equivalent pounds of whole milk sold.

#### FIELD CROPS AND VEGETABLES

Data for each crop usually include the number of farms on which the crop was harvested, the acreage harvested, the quantity harvested, the quantity sold—if enumerated—and the value of both production and sales. No information on quantity harvested is given for vegetables. Units of measure are so varied for vegetables that it is difficult or impossible to obtain from farm operators satisfactory figures on vegetable production.

**Crops harvested.**—The 1959 agriculture questionnaire provided for the collection of detailed information for each crop harvested on each farm. The variation in the crops listed on the questionnaires used in different States made possible the separate reporting of all important crops grown in a State. Each State questionnaire contained several "all other crops" questions for reporting crops not specifically listed in separate questions.

**Acres harvested.**—In most instances, the acres reported for individual crops represent the area harvested during 1959. The area harvested may be less than the area planted. The acreage for vegetables includes the acreage harvested for sale and excludes the area of small plots and gardens for home use.

Because of drought and other climatic conditions, crops are not always harvested for the purpose for which they were planted. As drought conditions resulted in heavy abandonment of crops in some areas, many farmers let their livestock graze on much of this acreage. Acres pastured would not appear with census statistics for a grain crop harvested but would be included under "root and grain crops hogged or grazed." If the crop were completely abandoned, i.e., not harvested for grain, cut for hay, or pastured, the acreage would not appear in the data for any crop. Land planted to a crop that completely failed and not replanted to another crop during the same calendar year would not be included

in the data for cropland harvested, but under the land-use classification "cropland not harvested and not pastured."

The acreage of land from which crops were harvested is not always the same as the total acres of all crops harvested, as more than one crop may have been harvested from the same land during the same crop year. Farm operators were asked, "How many acres of land were in fields and tracts from which crops were harvested (including hay cut) this year?" The land for this question has been termed "cropland harvested."

**Quantity harvested.**—The quantity harvested represents the total production, including amounts for home use; the amount sold; and the amount belonging to or delivered to the landlords. For vegetables and Irish potato crops in southern Florida, the data for quantity harvested relate to the crop year 1959. For vegetables, the quantity sold and not the quantity harvested was obtained. Generally, the enumeration was made at the end of the harvest season. However, farm operators and census enumerators were asked to estimate the quantity of any crop not harvested at the time of the enumeration and to include this in the total quantity harvested.

The unit of measure in which quantity harvested or quantity sold was to be reported varied for some crops, not only from State to State, but also from census to census. The purpose of varying units of measure has been to permit reporting in the units of measure currently in use by farm operators. The quantities harvested for each crop are published in the unit of measure most commonly given in the 1959 agriculture questionnaire.

#### SPECIFIED CROPS HARVESTED

**Corn.**—The 1959 agriculture questionnaire provided for the reporting of corn according to use. The total acreage was classified into (1) corn for grain, (2) corn for silage, and (3) corn hogged or grazed or cut for green or dry fodder. The questions were uniform for all States in the conterminous United States.

The value of corn sold represents only the value of the corn sold for grain. The amount of corn silage and fodder sold is very small except in a few counties in some Western States (primarily California). Even in these few Western States, the value of corn silage and fodder sold comprised only a relatively small part of the value of the corn crop sold. The value of corn sold for 1959 was calculated by multiplying the bushels sold by an estimated State average price per bushel.

**Hay crops.**—Separate questions reporting one or more kinds of hay appeared on the questionnaire for each State. The acreage harvested, tons harvested, and tons sold were to be reported. Specific questions for each important kind of hay were included on the questionnaire for each State.

For most States, separate questions were on the questionnaire for alfalfa and alfalfa mixtures for hay; clover, timothy, and mixtures of clover and grasses for hay; oats, wheat, barley, rye, or other small grains cut for hay; and all other hay. Separate questions for lespedeza hay, wild hay, and grass silage were not listed on the questionnaires for all States.

The data for all hay does not include the acreage, production, or value of sorghum, soybean, cowpea, or peanut hay. These hays were reported separately and are published with the other data on crops. The quantity of hay harvested was to be reported on a dry-weight basis. Green silage was reported on a green-weight basis. If two or more cuttings of hay were made from the same acreage,

the acres were to be reported only once, but the total production was to be reported from all cuttings.

**Grass silage** was defined as silage made from grasses, alfalfa, clover, or small grains, including silage made from crops cut from land used primarily for pasture. It did not include silage made from corn or sorghums. Separate questions for grass silage were included on the questionnaire for 28 States. In the other States grass silage was included in the "catchall" question provided for reporting crops not listed elsewhere on the questionnaire. Data were tabulated and published for those States also. A considerable proportion of grass silage was cut from the same acreage from which a hay crop was cut. If both hay and grass silage were cut from the same land, the acres from which hay was cut and the acres from which grass silage was cut were to be included for each crop.

**Irish potatoes.**—The total quantity harvested was reported in all cases whether harvested for home use or for sale. However, the acreage harvested was to be reported only when the quantity amounted to 20 or more bushels (or the approximate equivalent in terms of hundredweights or barrels as specified on the different State questionnaires). The procedure of not reporting acres or fractions of an acre when the quantity harvested was less than 20 bushels, was designed to facilitate the enumeration of potatoes harvested on small plots or gardens for home consumption.

The unit of measure for reporting quantity harvested varied by State in order to provide for the use of the unit most commonly used in each State. In 27 States, the questionnaire provided for reporting in one of two units of measure, i.e., bushels or hundredweights. "Barrels" was used as the unit of measure for Maine (barrel=165 lb. or 2¾ bushels). Quantities published in this report are in bushels.

The quantities sold were estimated on the basis of data supplied by the Agricultural Marketing Service of the U.S. Department of Agriculture.

**Vegetables harvested for sale.**—The agriculture questionnaire contained questions asking for the whole acres and tenths of an acre for each vegetable crop harvested for sale in 1959. Separate questions were provided for the most important vegetables for each State and space was provided for writing in the names and acres of other vegetables harvested for sale. Vegetables grown for human consumption; for sale on the fresh market; and for sale to canners, freezers, dehydrators, or other processors were to be reported. Enumerators were required to include vegetables sold from home gardens and all vegetables grown under contract.

The value of vegetables sold was obtained for all the vegetables harvested for sale for each farm, but not for each vegetable crop harvested. In Alaska and Hawaii, the value of sales for each vegetable crop was enumerated.

**Land in fruit orchards, groves, vineyards, planted nut trees, and coffee plantations.**—The total acres of land in planted orchards, groves, nut trees, vineyards, and coffee were obtained for all States.

In 1959, the acreage of land in farms, the number of trees or vines, the quantity harvested, etc., for fruit trees, nut trees, grapevines, and coffee trees were not obtained for farms having a combined total of less than 20 trees and vines at the time of enumeration. Both bearing and nonbearing trees and vines were to be included.

**Importance of large-scale farms.**—Farms with sales of \$100,000 or more represented only four-fifths of 1 percent of all commercial

# LARGE-SCALE FARMING

farms yet they accounted for nearly one-fifth of all the farm products sold in 1959. The 19,979 large-scale farms accounted for 12 percent of the fertilizer used; 16 percent of all feed expenditures; 29 percent of all expenditures for purchase of livestock and poultry; almost 16 percent of all expenditures for machine hire; 31 percent of the expenditures for hired labor; 16 percent of the expenditures for seeds, bulbs, plants, and trees; and 8 percent of the expenditures for gasoline and other petroleum fuel and oil for the farm business. They employed more than 20 percent of all hired farmworkers, and almost 29 percent of all regular hired farmworkers. This group of farms accounted for 5 percent of cropland harvested; 18 percent of all crops sold; and about three-tenths of all livestock and livestock products sold.

About 2 percent of all acreage in corn for grain; 5 percent of hay acreage; about 23 percent of the acreage for Irish potatoes; 51 percent of the value of vegetables harvested for sale; and almost 19 percent of land in bearing and nonbearing fruit orchards, groves, vineyards, and planted nut trees were on farms with a value of farm products sold of \$100,000 or more.

These farms had about 11 percent of total cattle and calves on hand, about 4 percent of milk cows, 2 percent of all hogs and pigs, almost 13 percent of all sheep and lambs, and 7 percent of chickens 4 months old and over.

**Table 1.—SELECTED FARM RESOURCES FOR ALL COMMERCIAL FARMS AND FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, FOR THE UNITED STATES: 1959**

Item	All commercial farms	Farms with a value of farm products sold of \$100,000 or more	
		Total	Percent of total for all commercial farms
Number of farms.....	2,416,017	19,979	0.8
Land in farms.....acres...	977,275,507	113,592,662	11.6
Cropland harvested.....acres...	295,477,889	14,983,367	5.1
Irrigated land in farms.....acres...	32,238,377	7,472,133	23.2
Regular hired farmworkers.....persons...	674,917	192,588	28.5
Tractors other than garden.....number...	3,946,920	121,338	3.1
Fertilizer used.....tons...	18,143,681	2,023,925	11.9

**Table 2.—SELECTED ITEMS OF LIVESTOCK AND LIVESTOCK PRODUCTS FOR ALL COMMERCIAL FARMS AND FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, FOR THE UNITED STATES: 1959**

Item	All commercial farms (1,000)	Farms with a value of farm products sold of \$100,000 or more	
		Total (1,000)	Percent of total for all commercial farms
Livestock on hand:			
Cattle and calves.....number...	85,532	9,311	10.9
Milk cows.....number...	15,387	600	3.9
Hogs and pigs.....number...	63,778	1,045	1.6
Sheep and lambs.....number...	31,236	4,036	12.9
Chickens 4 months old and over.....number...	329,953	23,421	7.1
Livestock and livestock products sold:			
Cattle and calves sold alive.....number...	48,161	8,546	17.7
value, dollars.....	7,507,202	1,779,198	23.7
Hogs and pigs sold alive.....number...	76,603	1,482	1.9
Milk and cream sold.....pounds...	101,711,171	5,639,588	5.5
value, dollars.....	3,918,461	297,211	7.6
Chicken eggs sold.....dozens...	3,425,535	326,003	9.5
Broilers sold.....number...	1,410,129	209,877	14.9
Turkeys raised.....number...	79,456	34,366	43.3
Sheep and lambs sold alive.....number...	23,781	4,049	17.0

**Table 3.—SELECTED FARM EXPENDITURES FOR ALL COMMERCIAL FARMS AND FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, FOR THE UNITED STATES: 1959**

Item	All commercial farms (\$1,000)	Farms with a value of farm products sold of \$100,000 or more	
		Total (\$1,000)	Percent of total for all commercial farms
Feed for livestock and poultry.....	4,481,682	736,548	16.4
Purchase of livestock and poultry.....	3,738,663	1,094,875	29.3
Machine hire.....	748,004	118,441	15.8
Hired labor.....	2,531,251	788,981	31.2
Seeds, bulbs, plants, and trees.....	462,286	73,163	15.8
Gasoline and other petroleum fuel and oil for the farm business.....	1,443,593	116,051	8.0

**Table 4.—PERCENT OF TOTAL FOR ALL COMMERCIAL FARMS REPRESENTED BY TOTALS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, FOR SELECTED FARM PRODUCTS, FOR THE UNITED STATES: 1959**

Farm products sold	Percent of total value of farm products sold for all commercial farms represented by total for farms with a value of farm products sold of \$100,000 or more
All farm products.....	16.9
Cash-grain crops:	
Corn.....	1.8
Rice.....	25.1
Wheat.....	8.3
Cotton.....	24.4
Fruits and nuts.....	32.1
Irish potatoes.....	29.6
Sugar beets.....	5.1
Sugarcane.....	58.4
Tobacco.....	2.5
Vegetables.....	47.4
Field crops and cash-grain crops other than the above.....	8.8
Poultry products.....	17.3
Dairy products.....	7.6
Cattle and calves.....	23.7
Hogs and pigs.....	2.0
Sheep and lambs.....	16.8
Livestock products other than poultry and dairy.....	18.5
Forest products and horticultural specialty crops.....	40.3

**Kinds of large-scale farms.**—Large-scale farms vary greatly in size of operation and other characteristics. The following data indicate the distribution of these farms by selected size of operation as measured by the value of farm products sold in 1959.

Value of farm products sold	Number of farms
\$1,000,000 or more.....	408
\$500,000 to \$999,999.....	800
\$200,000 to \$499,999.....	4,570
\$100,000 to \$199,999.....	14,201



Large-scale farms vary greatly in land area. Some, such as feedlots, "drylot" dairies, poultry farms, greenhouses, etc., are less than 10 acres in size. The distribution of large-scale farms, by size of farm, as measured by land area was as follows:

Size of farm	Number of farms
Under 10 acres .....	514
10 to 49 acres.....	1,446
50 to 69 acres.....	264
70 to 99 acres.....	387
100 to 139 acres.....	467
140 to 179 acres.....	510
180 to 219 acres.....	466
220 to 259 acres.....	473
260 to 499 acres.....	2,430
500 to 999 acres.....	3,424
1,000 to 1,999 acres.....	3,579
2,000 or more acres .....	6,019

The distribution by tenure of the operator of large-scale commercial farms differs significantly from that of all commercial farms.

Tenure of farm operator	Percent distribution	
	All commercial farms	Large-scale farms
Total.....	100.0	100.0
Full owners.....	45.3	29.9
Part owners.....	29.2	44.4
Managers.....	0.7	13.1
Tenants.....	24.8	12.6

Approximately one out of every 6 farms operated by farm managers in the United States is a large-scale farm.

In most cases, large-scale farms are specialized farms. The distribution of all commercial farms and large-scale farms, by type of farm, was as follows:

Type of farm	All commercial farms		Farms with a value of farm products sold of \$100,000 or more	
	Number	Percent distribution	Number	Percent distribution
Cash-grain.....	398,047	16.5	1,179	5.9
Tobacco.....	190,057	7.9	68	0.3
Cotton.....	241,849	10.0	2,990	15.0
Other field-crop.....	38,332	1.6	888	4.4
Vegetable.....	21,912	0.9	1,049	5.3
Fruit-and-nut.....	61,419	2.5	1,693	8.5
Poultry.....	103,279	4.3	2,000	10.0
Dairy.....	428,293	17.7	1,755	8.8
Livestock farms other than poultry and dairy and livestock ranches...	616,902	25.5	4,171	20.9
Livestock ranches.....	67,159	2.8	1,985	9.9
General.....	211,613	8.8	931	4.7
Miscellaneous.....	37,155	1.5	1,270	6.3

#### COMPARISON OF LARGE-SCALE FARMS AND ALL COMMERCIAL FARMS

The resources used and production per farm for large-scale farms were several times those for all commercial farms. For ex-

ample, the average acreage of land in farms for large-scale farms was 14 times that for all commercial farms. Because the large-scale farms are more specialized than all commercial farms, differences in averages between large-scale and all commercial farms per farm reporting were very large both for resources used and production of each farm product.

Item	Average per farm	
	All commercial farms	Farms with a value of farm products sold of \$100,000 or more
Land in farms.....acres..	405	5,686
Cropland harvested.....acres..	122	750
Hired farmworkers.....persons..	0.6	15.2
Tractors, other than garden.....number..	2	6
Fertilizer used.....tons..	8	101
Expenditures for 6 items <sup>1</sup> .....dollars, 1,000..	6	147
Value of all farm products sold.....dollars, 1,000..	12	249
Value of land and buildings:		
United States.....average per farm, dollars, 1,000..	44	557
average per acre, dollars..	118	92
The North.....average per farm, dollars, 1,000..	44	281
average per acre, dollars..	145	97
The South.....average per farm, dollars, 1,000..	33	693
average per acre, dollars..	108	100
The West.....average per farm, dollars, 1,000..	92	640
average per acre, dollars..	85	85
Cattle and calves.....number..	35	466
Milk cows.....number..	6	30
Hogs and pigs.....number..	26	52
Sheep and lambs.....number..	13	202
Chickens 4 months old and over.....number..	137	1,172
Livestock and livestock products sold:		
Cattle and calves sold alive.....number..	20	428
Hogs and pigs sold alive.....number..	32	74
Milk and cream sold.....pounds..	42,098	282,276
Chicken eggs sold.....dozens..	1,418	16,317
Broilers sold.....number..	584	10,505
Turkeys raised.....number..	33	1,720
Sheep and lambs sold alive.....number..	10	203

<sup>1</sup>Includes feed for livestock and poultry; purchase of livestock and poultry; machine hire; hired labor; seeds, bulbs, plants, and trees; and gasoline and other petroleum fuel and oil for the farm business.

There were significant differences between all commercial farms and large-scale farms in the average acres of selected crops harvested per unit of various kinds of equipment and in the use of purchased inputs and the production or sales per animal or per acre.

## LARGE-SCALE FARMING

Item	All commercial farms				Farms with a value of farm products sold of \$100,000 or more			
	United States	The North	The South	The West	United States	The North	The South	The West
Acres of cropland harvested per tractor (other than garden).....	75	77	67	82	124	128	117	127
Average acres of corn harvested for grain per corn picker.....	89	83	137	86	201	225	160	370
Average tons of hay harvested per pickup baler.....	158	142	118	350	782	479	268	1,349
Average regular hired workers.....	0.3	0.2	0.3	0.7	9.6	6.5	11.5	10.2
Percent of farms reporting—								
Use of commercial fertilizer.....	72	70	80	52	72	70	75	70
Wheel tractors.....	81	92	65	80	91	90	92	90
Pounds of fertilizer used per acre fertilized.....	292	228	405	299	485	351	565	474
Value of milk and cream sold per milk cow.....dollars..	255	251	218	348	495	455	413	540
Value of eggs sold per chicken 4 months old and over.....dollars..	3.33	3.10	3.33	4.27	5.01	5.44	5.03	4.67
Yield per acre of—								
Corn for grain.....bushels..	54	58	35	61	65	71	45	74
Alfalfa and alfalfa mixtures for hay and for dehydrating.....tons..	2.4	2.2	2.3	3.1	4.0	2.6	2.9	4.6
Clover, timothy, and mixtures of clover and grasses cut for hay.....tons..	1.6	1.7	1.4	1.6	1.6	1.8	1.6	1.4
Irish potatoes.....bushels..	313	295	216	366	352	294	262	432

**Change in the number of large-scale farms.**—Few data on large-scale farming are available for prior censuses. A special report for the 1930 Census of Agriculture, "Large-Scale Farming in the United States, 1929," presents data for 7,875 large-scale farms. However, 1,546 of these large farms had a value of farm products sold or used by the operator's household of under \$30,000 and only 1,008 had a value of farm products of \$100,000 or more. The minimum value of farm products sold used for selecting large-scale farms for 1929 differed from that used for 1959. Moreover, the values of farm products sold in 1929 and 1959 are not comparable because of changes in the price level of farm products. (The index number of prices received by farmers (1910-14=100) published by the United States Department of Agriculture was 148 for 1929 and 240 for 1959.)

The classification of farms by type of farm for 1929 was made on the basis of principal source of income. While the basis of the type of farm classification for 1929 and 1959 differed somewhat, the number of farms by type of farm is reasonably comparable because large-scale farms in 1929 were also highly specialized. Hence the classification of large-scale farms by type of farm for 1929 would not have been significantly different from that which would have been obtained by the use of the 1959 criteria for the type of farm classification. The distribution of these large-scale farms in 1929 by type of farm and value of farm products sold or used by the operator's family was as follows:

With changes in price level, most farms with value of farm products of \$60,000 or more in 1929 would have had a value of farm products sold equivalent to approximately \$100,000 or more in 1959. If adjustments are made because of the change in the level of farm prices, the comparable number of large-scale farms (in farms with a value of farm products sold equal to approximately \$100,000 at 1959 prices), by type of farm for 1929 and 1959 would be as follows:

Type of farm	Number of large-scale farms	
	1929 <sup>1</sup>	1959
Total.....	2,420	19,979
Cash-grain.....	100	1,179
Tobacco.....	54	68
Cotton.....	102	2,990
Other field-crop.....	142	888
Vegetable.....	231	1,049
Fruit-and-nut.....	376	1,693
Poultry.....	43	2,000
Dairy.....	200	1,755
Livestock other than poultry and dairy.....	1,081	6,156
General.....	12	931
All other.....	79	1,270

<sup>1</sup>Does not include data for Alaska and Hawaii.

Value of products sold or used by the operator's family (dollars)	Number of farms by type											
	Total	Cash- grain	Tobacco	Cotton	Other field- crop	Vegetable	Fruit- and-nut	Poultry	Dairy	Livestock other than poultry and dairy	General	All other
Total.....	7,875	486	128	441	571	785	1,924	225	882	2,237	50	146
Under 30,000.....	1,546	100	12	69	49	117	780	95	147	154	9	14
30,000 to 49,999.....	3,145	242	50	228	309	352	636	76	452	730	23	47
50,000 to 59,999.....	764	44	12	42	71	85	132	11	83	272	6	6
60,000 to 79,999.....	908	45	18	42	71	95	153	19	90	356	6	13
80,000 to 99,999.....	504	23	5	26	26	45	73	7	46	240	2	11
100,000 to 149,999.....	536	21	13	16	29	45	78	8	34	270	2	20
150,000 to 199,999.....	202	4	10	9	6	16	37	3	14	91	1	11
200,000 to 299,999.....	154	6	7	5	6	19	19	4	7	67	...	14
300,000 to 399,999.....	56	1	1	3	2	6	7	1	5	28	...	2
400,000 to 499,999.....	16	...	...	...	...	4	1	...	...	7	...	4
500,000 to 749,999.....	26	...	...	1	1	...	2	1	3	16	...	2
750,000 to 999,999.....	8	...	...	...	...	...	2	...	1	3	1	1
1,000,000 or more.....	10	...	...	...	1	1	4	...	...	3	...	1



# LARGE-SCALE FARMING

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Table 5.—FARMS AND FARM CHARACTERISTICS FOR COMMERCIAL FARMS AND FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, FOR THE UNITED STATES AND REGIONS: CENSUS OF 1959

Item	The United States		The North		The South		The West	
	Total commercial farms	Total farms with value of farm products sold of \$100,000 or more	Total commercial farms	Total farms with value of farm products sold of \$100,000 or more	Total commercial farms	Total farms with value of farm products sold of \$100,000 or more	Total commercial farms	Total farms with value of farm products sold of \$100,000 or more
<b>FARMS, ACREAGE, AND VALUE</b>								
Farms.....number...	2,416,017	19,979	1,272,495	5,122	911,768	6,306	231,754	8,551
Land in farms.....acres...	977,275,507	113,592,662	386,602,253	12,208,490	298,016,058	38,772,562	292,657,196	62,611,610
Average size of farm.....acres...	404.5	5,685.6	303.8	2,383.5	326.9	6,148.5	1,262.8	7,323.9
Value of land and buildings: <sup>1</sup>								
Average per farm.....dollars...	44,441	557,381	43,955	280,583	32,582	692,751	92,397	639,670
Average per acre.....dollars...	117.67	91.73	144.64	97.40	107.91	99.52	85.36	84.62
Land in farms according to use:								
Cropland harvested.....farms reporting...acres...	2,265,591	16,968	1,222,723	4,602	839,265	5,364	203,603	7,002
Cropland used only for pasture.....acres...	295,477,889	14,983,367	189,897,173	3,211,043	68,192,494	5,190,031	37,388,222	6,582,293
Cropland not harvested and not pastured.....farms reporting...acres...	55,145,332	3,363,401	22,450,300	395,762	23,918,066	1,508,158	8,776,966	1,459,481
Cultivated summer fallow <sup>2</sup> .....farms reporting...acres...	743,891	NA	380,255	NA	282,475	NA	81,161	NA
Soil-improvement grasses and legumes.....farms reporting...acres...	60,771,405	3,636,803	28,608,755	631,288	13,721,541	1,001,398	18,441,109	2,004,117
Other cropland (idle and crop failure) <sup>3</sup> .....acres...	181,126	2,772	102,867	533	25,773	524	52,486	1,715
Woodland pastured.....acres...	29,977,966	1,948,793	13,620,634	390,434	2,522,452	244,192	13,834,880	1,314,167
Woodland not pastured.....acres...	240,308	2,038	132,245	736	94,925	923	13,138	379
Other pasture (not cropland and not woodland).....acres...	13,222,067	465,307	6,670,149	106,392	4,503,178	245,328	2,048,740	113,587
Improved pasture <sup>4</sup> .....farms reporting...acres...	17,571,372	1,222,703	8,317,972	134,462	6,695,911	511,878	2,557,489	576,363
Irrigated land in farms <sup>4</sup> .....farms reporting...acres...	67,460,590	6,163,867	17,560,086	130,572	33,100,830	3,003,885	16,799,674	3,029,410
Irrigated cropland harvested <sup>5</sup> .....acres...	51,009,981	2,686,510	15,752,051	235,094	32,191,173	1,983,540	3,066,757	467,876
Land-use practices: <sup>4</sup>								
Cropland in cover crops.....acres...	411,826,041	86,789,237	93,167,116	7,332,198	118,728,683	25,208,838	199,930,242	54,248,201
Cropland used for grain or row crops farmed on contour.....acres...	277,667	2,701	123,132	527	126,025	1,198	28,510	976
Land in strip-cropping systems for soil-erosion control.....acres...	21,774,863	3,812,459	4,023,534	157,737	13,513,652	2,585,274	4,237,677	1,069,448
System of terraces on crop and pasture land.....acres...	247,043	10,240	34,892	976	58,975	2,423	153,176	6,841
Farm operators by age:								
Operators reporting age.....number...	32,238,377	7,472,133	3,343,167	240,636	7,766,525	1,515,924	21,128,685	5,715,573
Under 25 years.....number...	25,660,792	6,013,373	2,835,200	153,918	5,957,824	994,930	16,867,768	4,864,525
25 to 34 years.....number...								
35 to 44 years.....number...								
45 to 54 years.....number...								
55 to 64 years.....number...								
65 or more years.....number...								
Land-use practices: <sup>4</sup>								
Cropland in cover crops.....acres...	8,314,022	448,484	4,440,211	122,433	3,361,926	209,147	511,885	116,904
Cropland used for grain or row crops farmed on contour.....acres...	21,072,690	714,878	10,847,985	155,784	9,023,540	282,212	1,201,165	276,882
Land in strip-cropping systems for soil-erosion control.....acres...	15,589,719	290,770	8,127,502	75,307	920,254	53,281	6,541,963	162,182
System of terraces on crop and pasture land.....acres...	28,022,844	872,520	9,625,411	198,232	17,532,152	507,815	865,281	166,473
<b>FARM OPERATORS BY AGE</b>								
Operators reporting age.....number...	2,388,160	18,955	1,259,096	4,893	901,066	5,973	227,998	8,089
Under 25 years.....number...	45,352	149	25,020	36	17,716	63	2,616	50
25 to 34 years.....number...	292,002	2,318	174,778	655	91,760	702	25,464	961
35 to 44 years.....number...	563,082	5,716	306,677	1,428	200,382	1,686	56,023	2,602
45 to 54 years.....number...	689,492	5,676	345,191	1,436	279,114	1,843	65,187	2,397
55 to 64 years.....number...	585,353	3,390	292,782	911	239,702	1,090	52,869	1,389
65 or more years.....number...	212,879	1,706	114,648	427	72,392	589	25,839	690
<b>OFF-FARM WORK AND OTHER INCOME</b>								
Farm operators—								
Working off their farms, total operators reporting...	808,440	3,218	415,325	840	310,058	1,293	83,057	1,085
1 to 99 days.....operators reporting...	457,929	1,033	240,686	357	178,466	340	38,777	336
100 to 199 days.....operators reporting...	104,639	418	55,924	100	35,893	165	12,822	153
200 or more days.....operators reporting...	245,872	1,767	118,715	383	95,699	788	31,458	596
With other members of family working off farm.....operators reporting...	214,942	541	108,572	147	81,821	235	24,549	159
With income from sources other than farm operated and off-farm work.....operators reporting...	321,935	2,183	173,680	555	109,661	910	38,594	718
With other income of family exceeding value of agricultural products sold.....operators reporting...	232,489	848	110,191	189	92,940	422	29,358	237
Operators not working off their farms or not reporting as to work off their farms.....number...	1,607,577	16,761	857,170	4,282	601,710	5,013	148,697	7,466
With other members of family working off farm.....operators reporting...	231,635	1,124	120,985	292	89,258	363	21,392	469
With income from sources other than farm operated.....operators reporting...	406,889	6,014	223,786	1,474	131,340	1,823	51,763	2,717
With other income of family exceeding value of agricultural products sold.....operators reporting...	69,893	474	29,442	100	31,855	202	8,596	172
<b>FARMS BY SIZE</b>								
Under 10 acres.....number...	79,003	514	21,692	183	41,865	89	15,446	242
10 to 49 acres.....number...	315,296	1,446	59,263	383	212,842	230	43,191	833
50 to 69 acres.....number...	119,872	264	35,921	78	72,819	55	11,132	131
70 to 99 acres.....number...	226,152	387	113,845	132	94,277	82	18,030	173
100 to 139 acres.....number...	269,839	467	154,631	134	100,098	113	15,110	220
140 to 179 acres.....number...	299,887	510	205,284	147	78,453	103	16,150	260
180 to 219 acres.....number...	188,922	466	128,266	118	52,055	129	8,601	219
220 to 259 acres.....number...	167,072	473	120,825	158	38,880	98	7,367	217
260 to 499 acres.....number...	429,346	2,430	287,852	939	115,556	458	25,938	1,033
500 to 999 acres.....number...	188,290	3,424	100,888	1,033	63,700	838	23,702	1,553
1,000 to 1,999 acres.....number...	76,327	3,579	31,324	796	24,874	1,598	20,129	1,185
2,000 or more acres.....number...	56,011	6,019	12,704	1,021	16,349	2,513	26,958	2,485
<b>FARMS BY TENURE OF OPERATOR</b>								
All farm operators:								
Full owners.....number...	1,094,645	5,973	586,676	1,742	389,897	1,886	118,072	2,345
Part owners.....number...	705,938	8,863	385,501	2,158	243,783	2,784	76,654	3,921
Managers.....number...	16,984	2,618	5,151	596	7,804	1,015	4,029	1,007
All tenants.....number...	598,450	2,525	295,167	626	270,284	621	32,999	1,278

See footnotes at end of table.

## LARGE-SCALE FARMING

Table 5.—FARMS AND FARM CHARACTERISTICS FOR COMMERCIAL FARMS AND FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, FOR THE UNITED STATES AND REGIONS: CENSUS OF 1959—Con.

Item	The United States		The North		The South		The West	
	Total commercial farms	Total farms with value of farm products sold of \$100,000 or more	Total commercial farms	Total farms with value of farm products sold of \$100,000 or more	Total commercial farms	Total farms with value of farm products sold of \$100,000 or more	Total commercial farms	Total farms with value of farm products sold of \$100,000 or more
<b>FARMS BY TYPE OF FARM</b>								
Cash-grain farms.....number...	398,047	1,179	308,265	189	54,760	373	35,022	617
Tobacco farms.....number...	190,057	68	3,650	48	186,407	20	...	...
Cotton farms.....number...	241,849	2,990	6,758	49	225,983	1,852	9,108	1,089
Other field-crop farms.....number...	38,332	888	9,279	273	19,009	185	10,044	430
Vegetable farms.....number...	21,912	1,049	9,392	141	6,735	250	5,785	658
Fruit-and-nut farms.....number...	61,419	1,693	12,565	186	14,966	613	33,888	894
Poultry farms.....number...	103,279	2,000	39,637	699	50,946	772	12,696	529
Dairy farms.....number...	428,293	1,755	331,035	119	66,945	390	30,313	1,246
Livestock farms other than poultry and dairy farms and livestock ranches.....number...	616,902	4,171	422,631	2,534	153,025	586	41,246	1,051
Livestock ranches.....number...	67,159	1,985	5,920	222	35,939	682	25,300	1,081
General farms.....number...	211,613	931	107,073	74	82,439	215	22,101	642
Miscellaneous.....number...	37,155	1,270	16,290	588	14,614	368	6,251	314
<b>SPECIFIED EQUIPMENT AND FACILITIES</b>								
Grain combines <sup>1</sup> .....farms reporting...number...	900,375 965,160	7,457 13,919	692,288 724,599	2,409 3,430	143,053 160,366	2,661 5,207	65,034 80,195	2,387 5,282
Corn pickers <sup>2</sup> .....farms reporting...number...	712,486 737,191	3,505 4,982	625,956 647,590	2,084 3,035	80,147 82,794	1,063 1,432	6,383 6,867	358 515
Pick-up balers <sup>3</sup> .....farms reporting...number...	615,327 624,744	6,138 7,893	451,430 455,512	2,066 2,360	106,015 108,775	1,844 2,239	57,882 60,457	2,228 3,294
Field forage harvesters.....farms reporting...number...	266,353 281,402	4,769 6,727	212,711 222,424	2,199 2,788	31,719 34,388	1,123 1,749	21,923 24,590	1,447 2,190
Mototrucks.....farms reporting...number...	1,633,579 2,234,212	19,235 96,843	879,879 1,121,414	4,856 19,326	555,282 725,634	6,115 28,818	198,418 387,164	8,264 48,699
Tractors.....number...	4,234,453	125,527	2,670,545	26,738	1,071,980	45,494	491,928	53,295
Tractors other than garden.....number...	3,946,920	121,338	2,472,046	25,187	1,018,032	44,300	456,842	51,851
Wheel tractors.....farms reporting...number...	1,946,305 3,778,230	18,146 100,881	1,167,464 2,411,658	4,631 23,066	593,122 993,384	5,800 41,214	185,719 373,188	7,715 36,601
Crawler tractors.....farms reporting...number...	133,687 168,690	8,414 20,457	53,567 60,388	1,306 2,121	20,899 24,648	1,725 3,086	59,221 83,654	5,383 15,250
Garden tractors.....farms reporting...number...	268,139 287,533	2,586 4,189	186,671 198,499	1,023 1,551	49,460 53,948	693 1,194	32,008 35,086	870 1,444
Automobiles.....farms reporting...number...	2,016,235 2,522,507	18,413 45,802	1,176,014 1,484,197	4,796 10,301	633,250 750,458	5,712 14,312	206,971 287,852	7,905 21,189
Telephone.....farms reporting...	1,662,505	18,526	1,056,586	4,903	416,350	5,646	189,569	7,977
Home freezer.....farms reporting...	1,462,287	14,345	854,112	3,662	454,822	4,360	153,353	6,323
Milking machine.....farms reporting...	610,256	2,398	486,674	428	74,553	514	49,029	1,456
Electric milk cooler.....farms reporting...	401,350	2,154	304,267	332	71,784	500	25,299	1,322
Crop drier (for grain, forage, or other crops).....farms reporting...	48,745	1,890	36,021	686	8,499	595	4,225	609
Power-operated elevator, conveyor, or blower.....farms reporting...	875,783	9,078	727,922	3,427	83,646	2,213	64,215	3,438
<b>FARM LABOR, WEEK PRECEDING ENUMERATION</b>								
Hired workers.....persons...	1,485,044	303,179	412,344	44,543	791,789	131,276	280,911	127,360
Regular hired workers (employed 150 or more days).....persons...	674,917	192,588	227,937	33,403	290,733	72,201	156,247	86,984
<b>USE OF COMMERCIAL FERTILIZER AND LIME</b>								
Commercial fertilizer and fertilizing materials used during the year.....farms reporting...acres on which used...	1,733,431 124,124,519	714,277 8,281,722	886,978 70,524,646	73,587 1,435,836	724,995 39,408,552	74,699 3,014,498	121,458 14,191,321	75,991 3,831,388
.....tons...	18,143,681	2,023,925	8,038,905	251,936	7,985,689	851,183	2,119,087	920,806
Dry materials.....tons...	16,577,156	1,656,591	7,411,398	219,657	7,564,781	766,727	1,600,977	670,207
Liquid materials.....tons...	1,566,525	367,334	627,507	32,279	420,908	84,456	518,110	250,599
Crops on which used—								
Hay and cropland pasture.....acres...	11,897,398	902,109	4,599,400	94,754	5,356,094	378,255	1,941,904	429,100
Dry materials.....tons...	1,868,609	129,685	702,519	13,628	946,617	60,996	219,473	55,061
Liquid materials.....tons...	48,624	8,454	12,916	660	20,123	2,637	15,585	5,157
Other pasture (not cropland).....acres...	3,884,554	523,980	792,426	24,260	2,834,679	443,009	257,449	56,711
Dry materials.....tons...	624,598	70,142	113,332	2,429	480,604	60,694	30,662	7,019
Liquid materials.....tons...	15,736	2,741	2,920	322	11,614	2,214	1,202	205
Lime or liming materials used during the year.....acres limed...tons...	9,049,214 17,185,269	467,049 604,941	5,575,631 12,463,521	117,091 200,344	3,418,690 4,629,086	338,320 383,193	54,893 92,662	11,638 21,404
<b>SPECIFIED FARM EXPENDITURES</b>								
Any of the following specified expenditures.....farms reporting...	2,415,277	19,979	1,272,033	5,122	911,641	6,306	231,603	8,551
Feed for livestock and poultry.....farms reporting...dollars...	1,926,188 4,481,681,828	13,286 736,547,617	1,112,755 2,452,994,637	3,983 186,332,080	657,759 1,223,488,844	4,165 189,792,750	155,674 805,198,347	5,138 360,422,787
Purchase of livestock and poultry.....dollars...	3,738,662,975	1,094,875,209	2,142,205,663	352,452,352	783,569,142	215,792,445	812,888,170	526,630,412
Machine hire.....dollars...	748,004,034	118,441,301	237,452,243	6,160,029	330,677,459	43,306,489	179,874,332	68,974,783
Hired labor.....farms reporting...dollars...	1,459,502 2,531,250,774	19,742 788,980,683	711,435 786,614,059	5,054 134,361,650	583,132 874,983,264	6,279 213,014,711	164,935 869,653,451	8,409 441,604,322
Seeds, bulbs, plants, and trees.....dollars...	462,285,837	73,162,616	258,994,738	22,900,089	125,804,540	20,127,002	77,486,559	30,135,525
Gasoline and other petroleum fuel and oil for the farm business.....farms reporting...dollars...	2,342,932 1,443,592,854	19,881 116,051,468	1,257,494 805,779,541	5,098 19,846,817	856,971 401,042,849	6,259 39,159,631	228,468 236,770,464	8,524 57,045,020

See footnotes at end of table.

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Table 5.—FARMS AND FARM CHARACTERISTICS FOR COMMERCIAL FARMS AND FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, FOR THE UNITED STATES AND REGIONS: CENSUS OF 1959—Con.

	The United States		The North		The South		The West	
Item	Total commercial farms	Total farms with value of farm products sold of \$100,000 or more	Total commercial farms	Total farms with value of farm products sold of \$100,000 or more	Total commercial farms	Total farms with value of farm products sold of \$100,000 or more	Total commercial farms	Total farms with value of farm products sold of \$100,000 or more
ESTIMATED VALUE OF PRODUCTS SOLD BY SOURCE								
All farm products sold.....total, dollars...	29,463,480,043	4,982,551,327	14,892,770,054	1,088,788,885	8,340,308,531	1,384,856,591	6,230,401,458	2,510,908,051
average per farm, dollars...	12,195	249,389	11,704	212,180	9,147	219,609	26,884	293,639
All crops sold.....dollars...	12,968,785,841	2,387,368,825	4,876,942,009	329,590,864	4,736,737,039	780,203,932	3,355,106,793	1,277,574,029
Field crops, other than vegetables and fruits and nuts, sold.....dollars...	10,085,952,796	1,261,336,321	4,112,995,655	118,409,481	3,886,254,929	399,592,655	2,086,702,212	743,334,185
Vegetables sold.....dollars...	735,978,080	372,673,957	187,607,148	33,221,581	174,754,402	85,886,731	373,616,530	253,565,645
Fruits and nuts sold.....dollars...	1,362,360,762	437,331,514	208,076,069	29,505,210	425,895,620	203,131,036	728,389,073	204,695,268
Forest products and horticultural specialty products sold.....dollars...	784,494,203	316,027,033	368,263,137	148,454,592	249,832,088	91,593,510	166,398,978	75,978,931
All livestock and livestock products sold.....dollars...	16,494,694,202	2,595,182,502	10,015,828,045	757,195,821	3,603,571,492	604,652,659	2,875,294,665	1,233,334,022
Poultry and poultry products sold.....dollars...	2,287,571,297	395,847,100	1,008,062,682	128,724,591	927,812,557	159,044,130	351,696,058	108,078,379
Dairy products sold.....dollars...	3,918,461,447	297,211,139	2,614,953,595	20,664,932	715,872,506	75,573,862	587,635,346	200,972,345
Livestock and livestock products, other than poultry and dairy, sold.....dollars...	10,288,661,458	1,902,124,263	6,392,811,768	607,806,298	1,959,886,429	370,034,667	1,935,963,261	924,283,298
LIVESTOCK AND LIVESTOCK PRODUCTS								
Cattle and calves.....farms reporting... number...	1,830,015 85,531,612	12,102 9,310,652	1,039,248 45,168,083	3,390 2,037,062	640,459 24,067,281	3,927 2,886,890	150,308 16,296,248	4,785 4,386,700
Milk cows.....farms reporting... number...	1,287,415 15,386,721	5,307 600,222	755,597 10,420,330	1,344 45,376	431,068 3,277,286	1,452 182,796	100,750 1,689,105	2,511 372,500
Hogs and pigs.....farms reporting... number...	1,291,136 63,778,461	4,492 1,045,180	707,581 51,707,633	2,036 662,491	535,207 10,653,110	1,607 197,357	48,348 1,417,718	849 185,332
Sheep and lambs.....farms reporting... number...	256,937 31,235,882	1,976 4,036,493	171,081 10,797,232	513 374,159	51,451 7,568,695	463 653,708	34,405 12,869,955	1,000 3,008,626
Lambs under 1 year old.....number...	11,012,819	1,615,048	4,681,173	295,441	2,332,786	249,411	3,998,860	1,070,196
Sheep 1 year old and over.....number...	20,222,063	2,421,445	6,116,059	78,718	5,235,909	404,297	8,871,095	1,938,430
Ewes.....number...	19,195,949	2,326,898	5,812,159	75,643	4,852,308	371,715	8,531,482	1,879,540
Rams and wethers.....number...	1,027,114	94,547	303,900	3,075	383,601	32,582	339,613	58,890
Chickens 4 months old and over.....farms reporting... number...	1,453,009 329,953,223	4,322 23,421,285	759,240 196,694,787	1,446 6,224,802	597,089 86,268,754	1,415 9,133,214	96,680 46,989,682	1,461 8,063,269
Livestock and livestock products sold:								
Cattle and calves sold alive.....farms reporting... number...	1,647,541 48,161,437	NA 8,546,453	1,003,970 25,850,754	NA 2,295,102	509,364 12,073,041	NA 1,965,738	134,207 10,237,642	NA 4,285,613
dollars...	7,507,201,766	1,779,198,214	4,279,709,792	562,763,227	1,530,669,857	347,797,594	1,696,822,117	868,637,393
Cattle sold alive.....farms reporting... number...	NA 10,412	NA 7,375,047	NA 2,164,216	NA 546,356,503	NA 287,110,782	NA 1,483,289	NA 809,640,628	NA 3,727,542
dollars...	NA 1,643,107,913	NA 7,751	NA 1,171,406	NA 130,886	NA 4,457	NA 482,449	NA 2,427	NA 558,071
Calves sold alive.....farms reporting... number...	NA 1,171,406	NA 136,090,301	NA 16,406,724	NA 16,406,724	NA 60,686,812	NA 60,686,812	NA 58,996,765	NA 58,996,765
Hogs and pigs sold alive.....farms reporting... number...	989,152 76,602,805	3,580 1,482,436	657,092 64,486,095	1,912 1,008,535	302,270 10,415,152	1,208 252,358	29,790 1,701,558	460 221,543
dollars...	2,306,981,001	45,697,363	1,944,422,741	30,739,241	306,312,187	7,399,935	56,246,073	7,558,187
Sheep and lambs sold alive.....farms reporting... number...	222,565 23,780,691	1,613 4,049,305	148,070 8,636,549	430 740,582	45,889 4,600,729	410 462,361	28,606 10,543,413	773 2,846,362
dollars...	316,196,825	53,107,526	124,746,036	10,798,904	57,322,354	5,600,708	134,128,435	36,707,914
Milk and cream sold.....farms reporting... pounds <sup>9</sup> ...	855,192	<sup>8</sup> 2,374	638,935	<sup>8</sup> 368	155,740	<sup>8</sup> 594	60,517	<sup>8</sup> 1,412
dollars...	101,711,170,906	5,639,588,454	72,676,928,365	386,865,648	15,369,538,682	1,203,029,331	13,664,703,859	4,049,693,473
	3,918,461,447	297,211,139	2,614,953,595	20,664,932	715,872,506	75,573,862	587,635,346	200,972,345
Broilers sold.....farms reporting... number...	40,287	792	7,879	187	30,684	498	1,724	107
dollars...	1,409,642,772	209,875,620	250,974,375	36,415,755	1,087,494,843	151,104,860	71,175,554	22,355,005
	749,915,619	119,290,368	156,219,425	23,330,722	548,356,994	81,760,045	45,339,200	14,199,601
Other chickens sold.....farms reporting... number...	648,433	2,167	511,036	1,001	106,192	647	31,205	519
dollars...	204,747,266	16,565,112	125,846,605	5,867,135	48,998,944	5,691,802	29,901,717	5,006,175
	106,422,566	9,454,294	64,696,228	3,811,677	27,469,392	3,184,687	14,256,946	2,457,930
Chicken eggs sold.....farms reporting... dozens...	840,903	2,337	599,902	1,092	198,003	690	42,998	555
dollars...	3,425,535,427	326,003,257	2,037,293,455	91,508,472	782,973,224	121,223,933	605,268,748	113,260,852
	1,097,380,046	117,423,506	609,817,733	33,868,865	286,890,002	45,943,079	200,672,311	37,611,562
Turkeys raised.....farms reporting... number...	56,929	1,064	18,116	426	31,779	281	7,034	357
	79,456,156	34,365,699	42,507,401	16,101,341	17,708,721	7,663,145	19,240,034	10,601,213
SPECIFIED CROPS HARVESTED								
Corn for all purposes.....farms reporting... acres...	1,627,823	6,046	1,008,576	2,881	586,143	1,896	33,104	1,269
Under 11 acres <sup>6</sup> .....farms reporting... acres...	74,923,647	1,264,821	60,961,216	825,957	12,804,056	277,275	1,158,375	161,589
11 to 24 acres <sup>6</sup> .....farms reporting... acres...	395,265	350	107,425	60	277,536	247	10,304	43
	353,416	411	190,783	93	153,514	205	9,119	113
25 to 49 acres <sup>6</sup> .....farms reporting... acres...	343,668	716	242,508	176	93,940	278	7,220	262
50 to 74 acres <sup>6</sup> .....farms reporting... acres...	209,125	616	174,123	173	31,957	216	3,045	227
75 to 99 acres <sup>6</sup> .....farms reporting... acres...	120,066	390	106,862	143	12,041	124	1,163	123
100 or more acres <sup>6</sup> .....farms reporting... acres...	206,272	3,562	186,875	2,236	17,155	826	2,242	500
Harvested for grain.....farms reporting... acres...	1,496,707	4,804	915,759	2,550	565,515	1,690	15,433	564
	65,712,095	1,001,018	53,771,122	681,339	11,350,137	229,405	590,836	90,274
bushels...	3,565,917,134	65,511,044	3,130,074,307	48,474,468	399,803,548	10,368,822	36,039,279	6,667,754
Sales.....farms reporting... bushels...	718,345	2,100	504,027	955	205,822	780	8,496	365
	1,604,111,811	26,981,384	1,431,849,286	16,411,167	146,676,659	5,034,606	25,585,866	5,535,611

See footnotes at end of table.

## LARGE-SCALE FARMING

Table 5.—FARMS AND FARM CHARACTERISTICS FOR COMMERCIAL FARMS AND FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, FOR THE UNITED STATES AND REGIONS: CENSUS OF 1959—Con.

Item	The United States		The North		The South		The West	
	Total commercial farms	Total farms with value of farm products sold of \$100,000 or more	Total commercial farms	Total farms with value of farm products sold of \$100,000 or more	Total commercial farms	Total farms with value of farm products sold of \$100,000 or more	Total commercial farms	Total farms with value of farm products sold of \$100,000 or more
SPECIFIED CROPS HARVESTED—Continued								
Hay crops: <sup>10</sup>								
Land from which hay was cut.....acres...	58,263,550	2,593,062	39,834,171	786,101	8,787,169	351,745	9,642,210	1,455,216
Alfalfa and alfalfa mixtures cut for hay and for dehydrating.....farms reporting...	849,513	6,046	671,138	2,224	85,232	657	93,143	3,165
acres...	24,862,753	1,112,642	18,174,559	241,734	1,444,880	59,867	5,243,314	811,041
tons...	58,404,296	4,495,129	39,001,995	618,018	3,387,362	171,970	16,014,939	3,705,141
Sales.....tons...	11,242,319	2,539,594	3,674,512	154,119	539,475	54,915	7,028,332	2,330,560
Coastal Bermudagrass cut for hay...farms reporting...	4,368	108	...	...	4,368	108	...	...
acres...	115,930	14,003	...	...	115,930	14,003	...	...
tons...	236,598	29,974	...	...	236,598	29,974	...	...
Sales.....tons...	34,157	2,053	...	...	34,157	2,053	...	...
Clover, timothy, and mixtures of clover and grasses cut for hay.....farms reporting...	485,921	1,367	377,696	730	84,245	287	23,980	350
acres...	12,212,793	204,965	9,471,783	60,337	1,528,898	31,135	1,212,112	113,493
tons...	20,022,428	320,274	15,975,865	108,712	2,174,238	50,954	1,872,325	160,608
Sales.....tons...	1,450,472	36,529	1,085,860	6,321	120,397	6,253	244,215	23,955
Lespedeza cut for hay.....farms reporting...	169,584	447	29,354	20	140,230	427	...	...
acres...	2,418,641	36,586	518,141	1,282	1,900,500	35,304	...	...
tons...	3,076,165	56,231	615,352	1,928	2,460,813	54,303	...	...
Sales.....tons...	171,490	2,445	23,096	105	148,394	2,340	...	...
Vetch or peas, alone or mixed with oats or other grains, cut for hay.....farms reporting...	1,403	22	...	...	...	...	1,403	22
acres...	30,366	2,757	...	...	...	...	30,366	2,757
tons...	53,305	3,458	...	...	...	...	53,305	3,458
Sales.....tons...	10,956	602	...	...	...	...	10,956	602
Oats, wheat, barley, rye, or other small grains cut for hay.....farms reporting...	166,669	1,296	68,209	244	73,985	259	24,475	793
acres...	3,229,038	124,848	1,493,208	14,233	895,423	23,376	840,407	87,239
tons...	3,346,947	194,979	1,259,953	17,684	974,751	27,083	1,112,243	150,212
Sales.....tons...	281,327	32,541	37,750	318	35,572	625	208,005	31,598
Wild hay cut.....farms reporting...	163,611	973	129,889	429	20,142	168	13,580	376
acres...	9,987,785	846,100	7,587,874	420,607	651,438	38,731	1,748,473	386,762
tons...	8,217,620	780,156	5,718,990	361,195	840,713	54,833	1,657,917	364,128
Sales.....tons...	766,448	23,718	507,956	9,850	141,006	4,286	117,486	9,582
Other hay cut.....farms reporting...	172,756	1,341	70,030	220	93,131	906	9,595	215
acres...	4,086,048	190,376	1,523,217	14,796	2,141,002	136,860	421,829	38,720
tons...	5,140,336	290,344	1,899,749	21,593	2,801,000	210,309	439,587	58,442
Sales.....tons...	433,033	30,441	135,720	1,876	241,927	21,158	55,386	7,407
Grass silage made from grasses, alfalfa, clover, or small grains.....farms reporting...	72,001	728	62,388	510	4,864	96	4,749	122
acres...	1,320,196	60,785	1,065,389	33,112	109,098	12,469	145,709	15,204
tons, green weight...	8,582,513	417,343	6,814,198	210,835	632,188	79,223	1,136,127	127,285
Irish potatoes harvested for home use or for sale.....farms reporting...	416,002	1,552	168,998	495	229,723	338	17,281	719
acres <sup>11</sup> ...	1,184,492	273,759	629,784	114,057	125,619	36,844	429,089	122,858
bushels...	370,231,970	96,309,189	186,038,533	33,540,070	27,072,788	9,667,472	157,120,649	53,101,647
Vegetables harvested for sale.....farms reporting <sup>4</sup> ...	135,989	2,631	55,968	437	64,521	704	15,500	1,490
Sales.....dollars...	735,978,080	372,673,957	187,607,148	33,221,581	174,754,402	85,886,731	373,616,530	253,565,645
Land in bearing and nonbearing fruit orchards, groves, vineyards, and planted nut trees <sup>12</sup> .....farms reporting...	193,433	3,652	60,744	336	82,161	1,436	50,528	1,880
acres...	3,669,704	692,731	640,079	55,051	1,403,228	306,585	1,626,397	331,095

NA Not available.

<sup>1</sup>Does not include data for Hawaii.<sup>2</sup>Data are for 17 States.<sup>3</sup>Data include cropland for future harvest, crop failure, and other cropland for Hawaii; and cropland failure and other cropland for Alaska.<sup>4</sup>Does not include data for Alaska.<sup>5</sup>Data are for 19 States (17 Western States, Louisiana, and Hawaii).<sup>6</sup>Does not include data for Alaska and Hawaii.<sup>7</sup>Includes farms reporting lime only except for Alaska and Hawaii.<sup>8</sup>Does not include farms reporting cream only.<sup>9</sup>Includes milk equivalent of cream and butterfat sold.<sup>10</sup>Data are for each kind of hay in States for which a separate inquiry was carried on the questionnaire; data included with "Other hay cut" where there was no separate inquiry.<sup>11</sup>Does not include acreage for farms with less than 20 bushels harvested.<sup>12</sup>Does not include data for farms with less than 20 trees or grapevines, nor data for Alaska.

# LARGE-SCALE FARMING

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Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959

Item	Total farms with value of farm products sold of \$100,000 or more	New England					
		Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut
FARMS, ACREAGE, AND VALUE							
Farms.....number...	19,979	106	16	19	113	14	116
Land in farms.....acres...	113,592,662	89,069	6,907	32,601	52,465	4,466	34,243
Average size of farm.....acres...	5,685.6	840.3	431.7	1,715.8	464.3	319.0	295.2
Value of land and buildings:							
Average per farm.....dollars...	557,381	104,239	96,945	193,766	220,700	119,889	296,574
Average per acre.....dollars...	91.73	92.50	164.15	101.13	333.32	628.16	1,057.64
Land in farms according to use:							
Cropland harvested.....farms reporting...	16,968	87	13	17	83	12	85
.....acres...	14,983,367	24,396	2,887	8,918	14,861	2,725	15,289
Cropland used only for pasture.....acres...	3,363,401	3,147	97	3,028	2,809	301	1,090
Cropland not harvested and not pastured.....acres...	3,636,803	13,854	154	132	2,775	207	3,635
Cultivated summer fallow.....farms reporting...	2,772	NA	NA	NA	NA	NA	NA
.....acres...	1,948,793	NA	NA	NA	NA	NA	NA
Soil-improvement grasses and legumes.....farms reporting...	2,038	37	...	3	14	2	24
.....acres...	465,307	5,467	...	98	2,253	22	1,821
Other cropland (idle and crop failure).....acres...	1,222,703	8,387	154	34	522	185	1,814
Woodland pastured.....acres...	6,163,867	968	10	3,806	1,087	10	723
Woodland not pastured.....acres...	2,686,510	40,963	2,471	8,822	10,524	973	6,873
Other pasture (not cropland and not woodland).....acres...	86,789,237	1,386	823	6,095	1,729	...	1,803
Improved pasture.....farms reporting...	2,701	6	...	10	5	...	11
.....acres...	3,812,459	220	...	1,836	790	...	603
Irrigated land in farms.....farms reporting...	10,240	3	3	2	32	2	26
.....acres...	7,472,133	220	290	200	6,020	10	2,826
Irrigated cropland harvested.....acres...	6,013,373	NA	NA	NA	NA	NA	NA
Land-use practices:							
Cropland in cover crops.....acres...	448,484	399	550	589	2,201	1,777	3,509
Cropland used for grain or row crops farmed on contour.....acres...	714,878	765	125	404	24	...	44
Land in strip-cropping systems for soil-erosion control.....acres...	290,770	1,305	...	90	400	4	88
System of terraces on crop and pasture land.....acres...	872,520	350	...	...	178	...	275
FARM OPERATORS BY AGE							
Operators reporting age.....number...	18,955	104	16	19	100	12	104
Under 25 years.....number...	149	...	...	...	1	...	1
25 to 34 years.....number...	2,318	11	1	2	8	1	8
35 to 44 years.....number...	5,716	33	2	7	20	2	26
45 to 54 years.....number...	5,676	28	4	3	37	6	33
55 to 64 years.....number...	3,390	25	7	4	19	3	22
65 or more years.....number...	1,706	7	2	3	15	...	14
OFF-FARM WORK AND OTHER INCOME							
Farm operators—							
Working off their farms, total.....operators reporting...	3,218	21	3	4	18	1	8
1 to 99 days.....operators reporting...	1,033	6	3	3	8	...	3
100 to 199 days.....operators reporting...	418	3	...	...	3	...	1
200 or more days.....operators reporting...	1,767	12	...	1	7	1	4
With other members of family working off farm.....operators reporting...	541	2	...	...	5	1	4
With income from sources other than farm operated and off-farm work.....operators reporting...	2,183	15	3	4	12	1	7
With other income of family exceeding value of agricultural products sold.....operators reporting...	848	4	...	...	3	...	2
Operators not working off their farms or not reporting as to work off their farms.....number...	16,761	85	13	15	95	13	108
With other members of family working off farm.....operators reporting...	1,124	11	1	...	7	...	6
With income from sources other than farm operated.....operators reporting...	6,014	30	7	7	32	2	46
With other income of family exceeding value of agricultural products sold.....operators reporting...	474	3	...	...	1	...	1
FARMS BY SIZE							
Under 10 acres.....number...	514	4	...	...	12	2	7
10 to 49 acres.....number...	1,446	9	1	...	25	2	14
50 to 69 acres.....number...	264	5	...	...	7	1	4
70 to 99 acres.....number...	387	2	2	...	9	...	10
100 to 139 acres.....number...	467	5	...	...	6	1	12
140 to 179 acres.....number...	510	2	3	1	3	...	13
180 to 219 acres.....number...	466	3	...	...	6	3	6
220 to 259 acres.....number...	473	1	...	...	4	...	9
260 to 499 acres.....number...	2,430	19	5	1	18	2	22
500 to 999 acres.....number...	3,424	31	3	2	11	3	12
1,000 to 1,999 acres.....number...	3,579	15	2	9	6	...	6
2,000 or more acres.....number...	6,019	10	...	6	6	...	1
FARMS BY TENURE OF OPERATOR							
All farm operators:							
Full owners.....number...	5,973	69	7	10	58	3	48
Part owners.....number...	8,863	28	7	8	30	8	36
Managers.....number...	2,618	8	1	1	21	1	26
All tenants.....number...	2,525	1	1	...	4	2	6

See footnotes at end of table.

## LARGE-SCALE FARMING

Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	Middle Atlantic			East North Central				
	New York	New Jersey	Pennsylvania	Ohio	Indiana	Illinois	Michigan	Wisconsin
<b>FARMS, ACREAGE, AND VALUE</b>								
Farms.....number...	288	189	248	256	207	553	116	163
Land in farms.....acres...	169,488	98,500	140,903	156,851	118,511	428,252	71,778	162,511
Average size of farm.....acres...	588.5	521.2	568.2	612.7	572.5	774.4	618.8	997.0
Value of land and buildings:								
Average per farm.....dollars...	229,860	192,141	355,714	319,243	342,117	317,624	215,593	194,780
Average per acre.....dollars...	343.57	319.21	459.56	371.39	317.60	372.76	254.14	180.85
Land in farms according to use:								
Cropland harvested.....farms reporting...	234	145	208	242	183	527	95	139
.....acres...	92,177	50,090	77,595	95,022	112,770	300,500	38,321	83,496
Cropland used only for pasture.....acres...	8,469	4,572	16,230	10,404	15,903	29,868	9,935	5,485
Cropland not harvested								
and not pastured.....acres...	12,051	10,049	5,918	8,015	4,809	6,675	4,197	17,182
Cultivated summer fallow.....farms reporting...	NA	NA	NA	NA	NA	NA	NA	NA
.....acres...	NA	NA	NA	NA	NA	NA	NA	NA
Soil-improvement grasses								
and legumes.....farms reporting...	50	44	45	41	22	48	27	41
.....acres...	3,998	2,616	2,769	4,119	1,230	4,109	1,815	9,682
Other cropland (idle and crop failure).....acres...	8,053	7,433	3,149	3,896	3,579	2,566	2,382	7,500
Woodland pastured.....acres...	2,830	874	824	6,989	9,793	15,029	2,571	5,046
Woodland not pastured.....acres...	22,768	15,439	20,095	10,239	9,531	10,124	6,417	24,691
Other pasture (not cropland								
and not woodland).....acres...	13,649	3,138	10,310	17,926	11,677	44,665	4,428	6,075
Improved pasture.....farms reporting...	28	8	28	33	20	74	4	8
.....acres...	2,799	1,480	3,403	6,332	3,461	13,641	525	648
Irrigated land in farms.....farms reporting...	71	74	41	68	18	17	31	49
.....acres...	8,590	16,293	6,036	4,113	3,963	1,420	2,596	11,779
Irrigated cropland harvested.....acres...	NA	NA	NA	NA	NA	NA	NA	NA
Land-use practices:								
Cropland in cover crops.....acres...	17,630	10,926	5,857	8,588	5,844	20,229	3,289	3,831
Cropland used for grain or row								
crops farmed on contour.....acres...	2,120	581	6,308	1,080	500	8,642	175	1,072
Land in strip-cropping systems for								
soil-erosion control.....acres...	565	1,683	13,374	1,606	82	295	255	616
System of terraces on crop and pasture land.....acres...	1,347	7,577	774	3,249	747	5,234	773	203
<b>FARM OPERATORS BY AGE</b>								
Operators reporting age.....number...	271	180	228	239	197	523	103	155
Under 25 years.....number...	1	...	...	1	2	8	...	1
25 to 34 years.....number...	24	16	21	25	26	82	15	14
35 to 44 years.....number...	67	56	51	65	68	167	27	50
45 to 54 years.....number...	73	53	71	82	59	139	29	46
55 to 64 years.....number...	69	35	59	45	28	80	22	39
65 or more years.....number...	37	20	26	21	14	47	10	5
<b>OFF-FARM WORK AND OTHER INCOME</b>								
Farm operators—								
Working off their farms, total...operators reporting...	33	25	40	41	42	103	13	25
1 to 99 days.....operators reporting...	17	9	11	14	17	61	5	3
100 to 199 days.....operators reporting...	6	3	3	9	7	6	1	5
200 or more days.....operators reporting...	10	13	26	18	18	36	7	17
With other members of family								
working off farm.....operators reporting...	4	3	8	6	13	14	2	3
With income from sources other								
than farm operated and								
off-farm work.....operators reporting...	22	16	27	27	29	72	10	19
With other income of family								
exceeding value of agricultural								
products sold.....operators reporting...	4	5	12	10	13	25	2	10
Operators not working off their farms or not								
reporting as to work off their farms.....number...	255	164	208	215	165	450	103	138
With other members of family working								
off farm.....operators reporting...	20	10	23	20	16	30	8	12
With income from sources other than								
farm operated.....operators reporting...	112	63	72	96	46	128	41	39
With other income of family exceeding value of								
agricultural products sold.....operators reporting...	5	4	8	10	6	8	6	3
<b>FARMS BY SIZE</b>								
Under 10 acres.....number...	17	8	13	30	7	24	11	6
10 to 49 acres.....number...	53	29	48	41	23	31	17	16
50 to 69 acres.....number...	11	9	7	8	3	3	1	2
70 to 99 acres.....number...	12	12	18	14	7	7	5	5
100 to 139 acres.....number...	15	13	17	7	9	7	4	8
140 to 179 acres.....number...	6	15	8	8	4	9	2	9
180 to 219 acres.....number...	9	8	8	9	9	10	2	2
220 to 259 acres.....number...	5	8	12	6	8	18	3	5
260 to 499 acres.....number...	44	37	42	43	33	155	19	17
500 to 999 acres.....number...	53	32	36	43	49	171	32	35
1,000 to 1,999 acres.....number...	52	12	22	33	39	90	14	33
2,000 or more acres.....number...	11	6	17	14	16	28	6	25
<b>FARMS BY TENURE OF OPERATOR</b>								
All farm operators:								
Full owners.....number...	128	87	145	122	82	154	56	59
Part owners.....number...	127	63	49	72	74	199	36	50
Managers.....number...	27	36	48	51	32	54	21	46
All tenants.....number...	6	3	6	11	19	146	3	8

See footnotes at end of table.

## LARGE-SCALE FARMING

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Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	West North Central						
	Minnesota	Iowa	Missouri	North Dakota	South Dakota	Nebraska	Kansas
<b>FARMS, ACREAGE, AND VALUE</b>							
Farms.....number...	262	668	302	106	158	650	572
Land in farms.....acres...	238,288	412,404	455,208	452,415	1,761,126	4,382,817	2,939,687
Average size of farm.....acres...	909.5	617.4	1,507.3	4,268.1	11,146.4	6,742.8	5,139.3
Value of land and buildings:							
Average per farm.....dollars...	192,224	177,060	299,950	291,370	328,184	342,675	366,232
Average per acre.....dollars...	161.15	272.32	173.99	81.93	25.41	44.69	69.24
Land in farms according to use:							
Cropland harvested.....farms reporting...	218	639	267	104	146	625	533
.....acres...	168,841	281,815	232,732	174,198	154,919	667,631	611,860
Cropland used only for pasture.....acres...	7,858	46,733	85,496	9,103	9,200	48,074	77,960
Cropland not harvested and not pastured.....acres...	19,116	7,033	9,169	38,587	46,429	64,978	356,323
Cultivated summer fallow.....farms reporting...	NA	NA	NA	86	25	117	305
.....acres...	NA	NA	NA	30,623	16,016	44,823	298,972
Soil-improvement grasses and legumes.....farms reporting...	52	39	37	22	22	73	93
.....acres...	10,776	3,667	5,823	6,174	6,775	13,547	19,631
Other cropland (idle and crop failure).....acres...	8,340	3,366	3,346	1,790	23,638	6,608	37,720
Woodland pastured.....acres...	5,325	15,571	24,396	3,915	10,218	11,947	8,640
Woodland not pastured.....acres...	11,543	3,593	21,308	2,083	512	2,281	3,844
Other pasture (not cropland and not woodland).....acres...	6,426	35,717	61,098	211,094	1,524,097	3,524,814	1,845,248
Improved pasture.....farms reporting...	8	72	57	4	13	73	65
.....acres...	378	5,647	21,113	2,240	1,589	39,599	51,433
Irrigated land in farms.....farms reporting...	19	18	25	6	21	280	170
.....acres...	1,037	1,920	4,459	2,090	4,758	83,296	78,720
Irrigated cropland harvested.....acres...	NA	...	NA	2,090	4,269	80,222	67,337
Land-use practices:							
Cropland in cover crops.....acres...	1,135	3,603	14,949	3,664	1,708	9,281	2,874
Cropland used for grain or row crops farmed on contour.....acres...	1,508	39,248	15,296	2,031	1,836	19,240	54,785
Land in strip-cropping systems for soil-erosion control.....acres...	1,729	1,802	1,362	8,561	4,910	13,773	22,807
System of terraces on crop and pasture land.....acres...	987	22,844	19,989	...	1,178	30,616	101,911
<b>FARM OPERATORS BY AGE</b>							
Operators reporting age.....number...	251	657	292	106	149	627	560
Under 25 years.....number...	2	9	3	1	2	3	1
25 to 34 years.....number...	42	119	36	21	23	89	71
35 to 44 years.....number...	94	223	86	28	41	180	135
45 to 54 years.....number...	62	178	93	28	34	198	180
55 to 64 years.....number...	39	99	47	15	36	108	110
65 or more years.....number...	12	29	27	13	13	49	63
<b>OFF-FARM WORK AND OTHER INCOME</b>							
Farm operators—							
Working off their farms, total...operators reporting...	56	106	58	16	17	86	124
1 to 99 days.....operators reporting...	17	64	20	3	10	39	44
100 to 199 days.....operators reporting...	5	10	4	8	1	6	19
200 or more days.....operators reporting...	34	32	34	5	6	41	61
With other members of family working off farm.....operators reporting...	10	16	11	3	5	13	24
With income from sources other than farm operated and off-farm work.....operators reporting...	32	59	35	14	6	56	89
With other income of family exceeding value of agricultural products sold.....operators reporting...	19	15	18	2	1	16	28
Operators not working off their farms or not reporting as to work off their farms.....number...	206	562	244	90	141	564	448
With other members of family working off farm.....operators reporting...	16	29	21	3	5	24	30
With income from sources other than farm operated.....operators reporting...	72	170	59	38	39	181	194
With other income of family exceeding value of agricultural products sold.....operators reporting...	5	13	6	1	...	10	10
<b>FARMS BY SIZE</b>							
Under 10 acres.....number...	16	14	6	...	2	2	2
10 to 49 acres.....number...	24	14	14	1	3	13	5
50 to 69 acres.....number...	6	2	3	...	...	4	2
70 to 99 acres.....number...	7	6	5	...	1	9	1
100 to 139 acres.....number...	6	11	4	...	...	5	4
140 to 179 acres.....number...	10	26	2	...	2	20	4
180 to 219 acres.....number...	8	19	2	...	1	11	2
220 to 259 acres.....number...	6	46	5	...	2	19	1
260 to 499 acres.....number...	57	229	21	3	16	137	19
500 to 999 acres.....number...	53	201	62	9	25	122	48
1,000 to 1,999 acres.....number...	40	81	113	38	17	83	91
2,000 or more acres.....number...	29	19	65	55	89	225	393
<b>FARMS BY TENURE OF OPERATOR</b>							
All farm operators:							
Full owners.....number...	102	215	112	18	29	163	75
Part owners.....number...	92	263	129	73	99	318	397
Managers.....number...	44	38	25	8	18	61	29
All tenants.....number...	24	152	36	7	12	108	71

See footnotes at end of table.

## LARGE-SCALE FARMING

Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	South Atlantic							
	Delaware	Maryland	Virginia	West Virginia	North Carolina	South Carolina	Georgia	Florida
FARMS, ACREAGE, AND VALUE								
Farms.....number...	92	106	211	53	143	112	276	1,162
Land in farms.....acres...	57,656	77,955	313,954	45,087	209,651	227,376	628,895	4,973,343
Average size of farm.....acres...	626.7	735.4	1,487.9	850.7	1,466.1	2,030.1	2,278.6	4,280.0
Value of land and buildings:								
Average per farm.....dollars...	243,695	291,527	275,157	159,265	296,171	288,563	216,348	1,782,150
Average per acre.....dollars...	220.39	282.02	122.81	161.35	117.94	151.72	95.32	283.19
Land in farms according to use:								
Cropland harvested.....farms reporting...	68	84	198	47	51	96	221	964
.....acres...	33,022	43,186	91,225	18,322	46,501	69,822	161,476	532,174
Cropland used only for pasture.....acres...	2,386	4,679	28,760	747	11,331	16,099	43,403	207,577
Cropland not harvested and not pastured.....acres...	3,479	3,238	7,111	265	16,882	70,346	27,027	99,224
Cultivated summer fallow.....farms reporting...	NA	NA	NA	NA	NA	NA	NA	NA
.....acres...	NA	NA	NA	NA	NA	NA	NA	NA
Soil-improvement grasses and legumes.....farms reporting...	6	13	25	4	10	24	52	54
.....acres...	556	1,145	3,419	91	2,495	3,724	8,199	21,698
Other cropland (idle and crop failure).....acres...	2,923	2,093	3,692	174	14,387	66,622	18,828	77,526
Woodland pastured.....acres...	83	1,876	23,757	2,257	11,921	9,953	51,593	1,707,339
Woodland not pastured.....acres...	22,505	16,407	86,166	12,484	98,637	99,200	268,338	432,753
Other pasture (not cropland and not woodland).....acres...	1,036	4,925	67,023	9,609	15,245	8,391	63,578	1,641,364
Improved pasture.....farms reporting...	2	10	49	16	17	21	105	286
.....acres...	49	2,741	15,083	4,223	9,637	4,673	41,749	496,455
Irrigated land in farms.....farms reporting...	25	22	48	1	7	32	37	464
.....acres...	5,607	3,157	9,580	30	2,789	4,149	7,119	240,834
Irrigated cropland harvested.....acres...	NA	NA	NA	NA	NA	NA	NA	NA
Land-use practices:								
Cropland in cover crops.....acres...	13,358	7,334	15,386	102	5,522	9,846	11,940	30,652
Cropland used for grain or row crops farmed on contour.....acres...	347	3,137	1,032	147	1,784	5,205	7,016	3,442
Land in strip-cropping systems for soil-erosion control.....acres...	...	1,724	3,418	109	160	840	1,517	375
System of terraces on crop and pasture land.....acres...	...	1,243	445	117	6,054	13,309	47,241	5,684
FARM OPERATORS BY AGE								
Operators reporting age.....number...	90	97	199	50	132	104	264	1,065
Under 25 years.....number...	2	1	...	1	3	...	1	11
25 to 34 years.....number...	15	3	15	6	19	16	30	121
35 to 44 years.....number...	23	27	57	12	31	27	77	265
45 to 54 years.....number...	30	32	63	13	46	30	89	314
55 to 64 years.....number...	12	23	38	12	21	25	47	230
65 or more years.....number...	8	11	26	6	12	6	20	124
OFF-FARM WORK AND OTHER INCOME								
Farm operators—								
Working off their farms, total.....operators reporting...	23	27	41	12	40	20	86	253
1 to 99 days.....operators reporting...	5	7	8	3	8	6	16	37
100 to 199 days.....operators reporting...	...	5	12	3	6	5	10	26
200 or more days.....operators reporting...	18	15	21	6	26	9	60	190
With other members of family working off farm.....operators reporting...	6	4	11	3	13	3	18	38
With income from sources other than farm operated and off-farm work.....operators reporting...	19	19	29	7	20	14	57	180
With other income of family exceeding value of agricultural products sold.....operators reporting...	12	10	13	4	14	6	34	94
Operators not working off their farms or not reporting as to work off their farms.....number...	69	79	170	41	103	92	190	909
With other members of family working off farm.....operators reporting...	5	5	18	3	10	13	22	42
With income from sources other than farm operated.....operators reporting...	23	27	75	19	29	29	59	324
With other income of family exceeding value of agricultural products sold.....operators reporting...	3	5	8	2	5	4	6	57
FARMS BY SIZE								
Under 10 acres.....number...	6	9	3	2	9	1	7	20
10 to 49 acres.....number...	11	18	13	4	9	9	19	54
50 to 69 acres.....number...	6	6	5	...	6	3	3	8
70 to 99 acres.....number...	4	1	4	...	9	2	8	17
100 to 139 acres.....number...	2	5	3	3	12	...	11	38
140 to 179 acres.....number...	4	3	5	2	5	2	5	45
180 to 219 acres.....number...	5	1	5	1	10	...	7	64
220 to 259 acres.....number...	7	...	7	4	4	2	8	46
260 to 499 acres.....number...	18	15	25	11	19	10	21	229
500 to 999 acres.....number...	19	18	60	7	20	14	27	256
1,000 to 1,999 acres.....number...	7	21	32	13	18	37	64	155
2,000 or more acres.....number...	5	9	49	6	22	32	96	230
FARMS BY TENURE OF OPERATOR								
All farm operators:								
Full owners.....number...	41	49	83	23	61	42	133	571
Part owners.....number...	31	35	88	12	50	53	84	218
Managers.....number...	14	17	32	18	27	12	50	286
All tenants.....number...	6	5	8	...	5	5	9	87

See footnotes at end of table.



# LARGE-SCALE FARMING

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Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	East South Central				West South Central			
	Kentucky	Tennessee	Alabama	Mississippi	Arkansas	Louisiana	Oklahoma	Texas
<b>FARMS, ACREAGE, AND VALUE</b>								
Farms.....number...	86	98	173	658	600	258	232	2,046
Land in farms.....acres...	147,319	159,474	524,631	1,575,740	1,316,512	1,024,605	1,869,130	25,622,234
Average size of farm.....acres...	1,713.0	1,627.3	3,032.5	2,394.7	2,194.2	3,971.3	8,056.6	12,522.6
Value of land and buildings:								
Average per farm.....dollars...	587,767	247,129	294,844	394,878	388,449	597,838	467,013	666,409
Average per acre.....dollars...	341.86	121.59	75.98	157.56	175.76	151.54	58.05	55.46
Land in farms according to use:								
Cropland harvested.....farms reporting...	80	89	140	616	561	242	194	1,713
.....acres...	52,223	56,405	77,858	735,836	790,604	283,621	163,198	2,034,558
Cropland used only for pasture.....acres...	51,045	28,952	59,588	129,723	98,356	141,557	57,308	626,647
Cropland not harvested								
and not pastured.....acres...	4,306	5,555	12,676	106,881	54,074	54,867	41,956	493,511
Cultivated summer fallow.....farms reporting...	NA	NA	NA	NA	NA	NA	NA	52
.....acres...	NA	NA	NA	NA	NA	NA	23,698	220,494
Soil-improvement grasses								
and legumes.....farms reporting...	15	12	32	160	97	63	39	317
.....acres...	2,054	1,591	4,872	48,566	18,175	18,789	10,778	99,176
Other cropland (idle and crop failure).....acres...	2,252	3,964	7,804	58,315	35,899	36,078	7,480	173,841
Woodland pastured.....acres...	6,942	5,741	71,354	86,981	58,202	151,961	146,829	667,096
Woodland not pastured.....acres...	10,714	37,234	173,162	296,718	197,312	168,693	6,004	57,213
Other pasture (not cropland								
and not woodland).....acres...	15,999	20,996	116,111	153,863	45,760	159,527	1,430,655	21,454,756
Improved pasture.....farms reporting...	8	14	60	138	69	68	54	281
.....acres...	2,153	5,107	66,233	79,828	19,180	57,507	118,526	1,662,130
Irrigated land in farms.....farms reporting...	15	16	26	187	265	60	29	1,189
.....acres...	582	2,419	3,495	46,627	123,737	41,219	15,487	1,009,093
Irrigated cropland harvested.....acres...	NA	NA	NA	NA	NA	40,924	14,714	939,292
Land-use practices:								
Cropland in cover crops.....acres...	2,276	2,762	6,985	23,071	20,917	19,187	4,461	35,348
Cropland used for grain or row								
crops farmed on contour.....acres...	2,678	4,221	10,242	25,998	5,201	7,727	12,783	191,252
Land in strip-cropping systems for								
soil-erosion control.....acres...	285	5,240	...	6,076	1,734	1,348	530	29,925
System of terraces on crop and pasture land.....acres...	2,385	10,041	38,713	27,422	7,737	8,483	30,934	308,007
<b>FARM OPERATORS BY AGE</b>								
Operators reporting age.....number...	84	92	161	648	579	236	223	1,949
Under 25 years.....number...	1	1	3	6	9	...	2	22
25 to 34 years.....number...	3	5	19	85	70	17	18	260
35 to 44 years.....number...	25	22	55	200	182	62	55	566
45 to 54 years.....number...	27	33	45	186	203	74	59	599
55 to 64 years.....number...	17	19	25	105	78	54	64	320
65 or more years.....number...	11	12	14	66	37	29	25	182
<b>OFF-FARM WORK AND OTHER INCOME</b>								
Farm operators—								
Working off their farms, total....operators reporting...	16	29	48	112	74	41	53	418
1 to 99 days.....operators reporting...	9	12	6	37	24	14	19	129
100 to 199 days.....operators reporting...	3	2	4	16	6	5	7	55
200 or more days.....operators reporting...	4	15	38	59	44	22	27	234
With other members of family								
working off farm.....operators reporting...	5	11	15	24	16	10	7	51
With income from sources other								
than farm operated and								
off-farm work.....operators reporting...	12	23	37	58	55	27	36	317
With other income of family								
exceeding value of agricultural								
products sold.....operators reporting...	6	12	22	33	14	13	17	118
Operators not working off their farms or not								
reporting as to work off their farms.....number...	70	69	125	546	526	217	179	1,628
With other members of family working								
off farm.....operators reporting...	2	12	14	59	39	15	8	96
With income from sources other than								
farm operated.....operators reporting...	31	17	37	196	179	88	60	630
With other income of family exceeding value of								
agricultural products sold.....operators reporting...	2	3	8	14	10	11	7	57
<b>FARMS BY SIZE</b>								
Under 10 acres.....number...	2	3	2	5	1	2	3	14
10 to 49 acres.....number...	5	3	10	9	6	6	5	49
50 to 69 acres.....number...	1	2	2	4	3	1	...	7
70 to 99 acres.....number...	1	3	8	5	7	2	1	10
100 to 139 acres.....number...	3	4	5	9	6	2	2	8
140 to 179 acres.....number...	...	6	7	3	6	...	2	8
180 to 219 acres.....number...	...	1	6	9	9	4	1	6
220 to 259 acres.....number...	1	2	2	5	3	2	2	3
260 to 499 acres.....number...	2	6	19	11	15	3	5	49
500 to 999 acres.....number...	8	14	24	32	50	24	6	259
1,000 to 1,999 acres.....number...	37	32	28	294	251	65	29	515
2,000 or more acres.....number...	26	22	60	272	243	147	176	1,118
<b>FARMS BY TENURE OF OPERATOR</b>								
All farm operators:								
Full owners.....number...	38	30	69	185	126	59	37	339
Part owners.....number...	25	45	71	299	294	100	166	1,213
Managers.....number...	18	15	26	116	94	76	20	194
All tenants.....number...	5	8	7	58	86	23	9	300

See footnotes at end of table.

## LARGE-SCALE FARMING

Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	Mountain							
	Montana	Idaho	Wyoming	Colorado	New Mexico	Arizona	Utah	Nevada
<b>FARMS, ACREAGE, AND VALUE</b>								
Farms.....number...	215	264	168	498	242	722	102	95
Land in farms.....acres...	7,240,423	1,820,610	8,108,324	4,811,033	7,568,232	7,678,143	1,554,635	3,415,839
Average size of farm.....acres...	33,676.4	6,896.3	48,263.8	9,660.7	31,273.7	10,634.5	15,241.5	35,956.2
Value of land and buildings:								
Average per farm.....dollars...	642,615	375,048	576,599	312,388	562,422	843,737	330,396	649,024
Average per acre.....dollars...	21.24	54.39	12.45	36.31	21.39	130.30	19.63	20.73
Land in farms according to use:								
Cropland harvested.....farms reporting...	203	242	142	422	155	637	77	90
acres...	354,736	226,081	149,604	348,587	113,203	589,895	48,572	93,551
Cropland used only for pasture.....acres...	61,881	34,504	42,222	103,934	24,221	54,865	17,676	114,024
Cropland not harvested and not pastured.....acres...	135,421	67,787	16,252	199,655	34,580	197,017	43,076	8,932
Cultivated summer fallow.....farms reporting...	95	61	19	136	46	251	32	13
acres...	126,611	51,364	5,687	161,851	10,813	100,780	17,921	1,671
Soil-improvement grasses and legumes.....farms reporting...	10	18	10	49	33	29	12	4
acres...	4,222	6,787	4,785	22,661	13,739	3,842	6,924	1,295
Other cropland (idle and crop failure).....acres...	4,588	9,636	5,780	15,143	10,028	92,395	18,231	5,966
Woodland pastured.....acres...	219,455	155,714	45,085	127,403	163,690	767,201	138,179	8,150
Woodland not pastured.....acres...	20,819	2,305	1,040	13,417	3,634	5,337	898	315
Other pasture (not cropland and not woodland).....acres...	6,401,516	1,275,908	14,584,597	3,886,223	7,172,612	5,938,643	1,301,437	3,150,661
Improved pasture.....farms reporting...	39	60	43	60	19	31	22	30
acres...	42,044	82,691	67,923	70,722	40,342	144,520	32,516	87,366
Irrigated land in farms.....farms reporting...	157	234	129	353	148	648	79	88
acres...	248,774	181,640	185,860	211,015	105,264	641,380	46,665	131,737
Irrigated cropland harvested.....acres...	190,659	143,089	124,738	164,512	89,326	589,803	31,367	73,151
Land-use practices:								
Cropland in cover crops.....acres...	1,506	4,778	600	2,095	1,367	9,956	200	198
Cropland used for grain or row crops farmed on contour.....acres...	1,457	9,466	555	12,019	12,982	8,100	1,310	83
Land in strip-cropping systems for soil-erosion control.....acres...	108,028	1,040	8,311	26,041	1,000	3,251	1,100	...
System of terraces on crop and pasture land.....acres...	1,235	3	306	16,375	60,860	2,983	700	3,355
<b>FARM OPERATORS BY AGE</b>								
Operators reporting age.....number...	200	256	148	465	230	687	97	92
Under 25 years.....number...	...	...	1	7	1	6	...	...
25 to 34 years.....number...	18	25	15	75	33	116	6	12
35 to 44 years.....number...	58	83	42	131	67	236	32	19
45 to 54 years.....number...	57	81	45	151	61	190	28	31
55 to 64 years.....number...	37	35	26	62	48	99	14	20
65 or more years.....number...	30	32	19	39	20	40	17	10
<b>OFF-FARM WORK AND OTHER INCOME</b>								
Farm operators—								
Working off their farms, total.....operators reporting...	19	40	22	78	44	112	23	12
1 to 99 days.....operators reporting...	5	13	7	36	12	27	7	2
100 to 199 days.....operators reporting...	3	8	4	13	6	12	3	1
200 or more days.....operators reporting...	11	19	11	29	26	73	13	9
With other members of family working off farm.....operators reporting...	3	9	2	11	6	15	4	1
With income from sources other than farm operated and off-farm work.....operators reporting...	14	29	16	50	34	71	10	6
With other income of family exceeding value of agricultural products sold.....operators reporting...	...	9	6	15	11	28	6	5
Operators not working off their farms or not reporting as to work off their farms.....number...	196	224	146	420	198	610	79	83
With other members of family working off farm.....operators reporting...	11	17	5	23	9	46	6	4
With income from sources other than farm operated.....operators reporting...	82	82	63	156	67	193	28	23
With other income of family exceeding value of agricultural products sold.....operators reporting...	3	5	3	12	5	19	2	3
<b>FARMS BY SIZE</b>								
Under 10 acres.....number...	1	1	...	13	1	7	3	...
10 to 49 acres.....number...	3	4	...	25	3	29	10	2
50 to 69 acres.....number...	...	2	...	6	...	7	1	...
70 to 99 acres.....number...	1	8	...	7	1	8	4	1
100 to 139 acres.....number...	...	6	...	13	1	4	3	...
140 to 179 acres.....number...	...	7	...	41	4	7	2	...
180 to 219 acres.....number...	3	8	2	12	1	3	2	...
220 to 259 acres.....number...	1	3	...	14	...	11	5	...
260 to 499 acres.....number...	4	27	3	70	10	58	6	2
500 to 999 acres.....number...	6	40	2	41	38	191	11	8
1,000 to 1,999 acres.....number...	8	44	5	36	29	191	12	9
2,000 or more acres.....number...	188	114	156	220	154	206	43	73
<b>FARMS BY TENURE OF OPERATOR</b>								
All farm operators:								
Full owners.....number...	28	68	10	137	43	187	36	47
Part owners.....number...	136	138	91	225	141	349	52	24
Managers.....number...	44	45	55	48	41	94	13	21
All tenants.....number...	7	13	12	88	17	92	1	3

See footnotes at end of table.

## LARGE-SCALE FARMING

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Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	Pacific				
	Washington	Oregon	California	Alaska	Hawaii
<b>FARMS, ACREAGE, AND VALUE</b>					
Farms.....number...	407	381	5,339	2	116
Land in farms.....acres...	<sup>1</sup> 2,180,919	3,995,265	12,380,833	( <sup>1</sup> )	1,857,354
Average size of farm.....acres...	<sup>1</sup> 5,332.3	10,486.3	2,318.9	( <sup>1</sup> )	16,011.7
Value of land and buildings:					
Average per farm.....dollars...	518,878	447,959	703,154	...	NA
Average per acre.....dollars...	84.35	42.69	303.60	...	NA
Land in farms according to use:					
Cropland harvested.....farms reporting...	384	353	4,222	2	73
.....acres...	<sup>1</sup> 472,367	448,213	3,592,554	( <sup>1</sup> )	144,930
Cropland used only for pasture.....acres...	51,690	118,901	705,378	...	130,185
Cropland not harvested and not pastured.....acres...	321,076	231,301	618,908	...	130,112
Cultivated summer fallow.....farms reporting...	167	142	753	NA	...
.....acres...	290,400	152,111	394,958	NA	...
Soil-improvement grasses and legumes.....farms reporting...	59	57	98	NA	...
.....acres...	18,450	13,774	17,108	NA	...
Other cropland (idle and crop failure).....acres...	12,226	65,416	206,842	...	130,112
Woodland pastured.....acres...	190,856	568,323	564,138	...	81,216
Woodland not pastured.....acres...	<sup>1</sup> 19,116	32,238	115,371	( <sup>1</sup> )	253,386
Other pasture (not cropland and not woodland).....acres...	<sup>1</sup> 1,065,701	2,557,794	6,249,097	( <sup>1</sup> )	664,012
Improved pasture.....farms reporting...	64	76	507	NA	25
.....acres...	12,225	183,310	255,678	NA	50,111
Irrigated land in farms.....farms reporting...	253	265	4,445	NA	42
.....acres...	98,773	252,167	3,488,043	NA	124,255
Irrigated cropland harvested.....acres...	80,476	179,198	3,134,026	NA	64,180
Land-use practices:					
Cropland in cover crops.....acres...	5,906	1,826	88,422	NA	50
Cropland used for grain or row crops farmed on contour.....acres...	47,283	30,527	126,036	NA	27,064
Land in strip-cropping systems for soil-erosion control.....acres...	2,315	2,060	3,621	NA	5,415
System of terraces on crop and pasture land.....acres	4,940	11,856	26,051	NA	37,809
<b>FARM OPERATORS BY AGE</b>					
Operators reporting age.....number...	384	357	5,057	2	114
Under 25 years.....number...	1	3	31	...	...
25 to 34 years.....number...	47	33	566	...	15
35 to 44 years.....number...	116	115	1,669	1	33
45 to 54 years.....number...	120	103	1,493	...	37
55 to 64 years.....number...	71	69	883	...	25
65 or more years.....number...	29	34	415	1	4
<b>OFF-FARM WORK AND OTHER INCOME</b>					
Farm operators—					
Working off their farms, total....operators reporting...	47	50	618	...	20
1 to 99 days.....operators reporting...	20	15	186	...	6
100 to 199 days.....operators reporting...	5	9	87	...	2
200 or more days.....operators reporting...	22	26	345	...	12
With other members of family working off farm.....operators reporting...	8	13	83	...	4
With income from sources other than farm operated and off-farm work.....operators reporting...	32	36	407	...	13
With other income of family exceeding value of agricultural products sold.....operators reporting...	7	15	127	...	8
Operators not working off their farms or not reporting as to work off their farms.....number...	360	331	4,721	2	96
With other members of family working off farm.....operators reporting...	19	13	307	...	9
With income from sources other than farm operated.....operators reporting...	162	135	1,678	1	47
With other income of family exceeding value of agricultural products sold.....operators reporting...	7	7	102	...	4
<b>FARMS BY SIZE</b>					
Under 10 acres.....number...	6	4	198	...	8
10 to 49 acres.....number...	16	14	708	...	19
50 to 69 acres.....number...	6	6	100	...	3
70 to 99 acres.....number...	4	7	129	...	3
100 to 139 acres.....number...	15	12	164	...	2
140 to 179 acres.....number...	10	5	178	...	6
180 to 219 acres.....number...	13	8	163	...	4
220 to 259 acres.....number...	10	8	164	...	1
260 to 499 acres.....number...	53	32	764	...	4
500 to 999 acres.....number...	45	38	1,126	1	6
1,000 to 1,999 acres.....number...	42	39	764	...	6
2,000 or more acres.....number...	187	208	881	1	54
<b>FARMS BY TENURE OF OPERATOR</b>					
All farm operators:					
Full owners.....number...	89	100	1,584	...	16
Part owners.....number...	230	215	2,281	2	37
Managers.....number...	45	37	516	...	48
All tenants.....number...	43	29	958	...	15

See footnotes at end of table.

Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	Total farms with value of farm products sold of \$100,000 or more	New England					
		Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut
FARMS BY TYPE OF FARM							
Cash-grain farms.....number...	1,179	...	...	...	...	...	...
Tobacco farms.....number...	68	...	...	...	11	...	37
Cotton farms.....number...	2,990	...	...	...	...	...	...
Other field-crop farms.....number...	888	43	...	1	3	4	10
Vegetable farms.....number...	1,049	1	1	...	3	...	2
Fruit-and-nut farms.....number...	1,693	6	7	2	14	...	8
Poultry farms.....number...	2,000	50	7	3	34	2	35
Dairy farms.....number...	1,755	3	1	13	8	3	6
Livestock farms other than poultry and dairy farms and livestock ranches.....number...	4,171	...	...	...	3	...	1
Livestock ranches.....number...	1,985	...	...	...	...	...	...
General farms.....number...	931	...	...	...	...	...	1
Miscellaneous.....number...	1,270	3	...	...	37	5	16
SPECIFIED EQUIPMENT AND FACILITIES							
Grain combines.....farms reporting...	7,457	31	...	8	4	2	6
.....number...	13,919	33	...	8	4	3	7
Corn pickers.....farms reporting...	3,505	...	...	...	3	...	3
.....number...	4,982	...	...	...	3	...	3
Pick-up balers.....farms reporting...	6,138	27	3	14	20	2	15
.....number...	7,893	28	4	25	22	2	21
Field storage harvesters.....farms reporting...	4,769	6	2	14	14	2	14
.....number...	6,727	8	7	22	22	4	19
Motortrucks.....farms reporting...	19,235	104	16	19	103	14	113
.....number...	96,843	417	87	88	542	76	717
Tractors.....number...	125,527	388	64	139	435	63	554
Tractors other than garden.....number...	121,338	362	62	133	314	57	470
Wheel tractors.....farms reporting...	18,146	79	15	17	81	13	94
.....number...	100,881	318	58	120	283	55	428
Crawler tractors.....farms reporting...	8,414	30	4	9	21	2	24
.....number...	20,457	44	4	13	31	2	42
Garden tractors.....farms reporting...	2,586	22	2	4	49	4	50
.....number...	4,189	26	2	6	121	6	84
Automobiles.....farms reporting...	18,413	93	15	18	104	13	108
.....number...	45,802	160	34	83	222	26	293
Telephone.....farms reporting...	18,526	92	15	18	107	14	116
Home freezer.....farms reporting...	14,345	67	13	14	58	9	72
Milking machine.....farms reporting...	2,398	10	2	15	15	3	15
Electric milk cooler.....farms reporting...	2,154	10	2	14	16	3	14
Crop drier (for grain, forage, or other crops).....farms reporting...	1,890	2	...	8	6	...	6
Power-operated elevator, conveyor, or blower.....farms reporting...	9,078	54	9	16	43	1	38
FARM LABOR, WEEK PRECEDING ENUMERATION							
Hired workers.....persons...	303,179	824	276	223	2,716	221	3,028
Regular hired workers (employed 150 or more days).....persons...	192,588	466	191	203	1,663	172	2,188
USE OF COMMERCIAL FERTILIZER AND LIME							
Commercial fertilizer and fertilizing materials used during the year.....farms reporting <sup>2</sup> ...	14,277	62	10	17	66	13	78
.....acres on which used...	8,281,722	17,300	2,324	6,038	9,687	2,416	14,232
.....tons...	2,023,925	12,242	699	1,428	5,078	2,914	14,520
Dry materials.....tons...	1,656,591	12,190	699	1,426	5,067	2,862	14,506
Liquid materials.....tons...	367,334	52	...	2	11	52	14
Crops on which used—							
Hay and cropland pasture.....acres...	902,109	1,409	662	4,148	2,322	100	1,678
Dry materials.....tons...	129,685	446	102	716	565	38	499
Liquid materials.....tons...	8,454	...	...	...	1	...	...
Other pasture (not cropland).....acres...	523,980	120	...	257	276	...	882
Dry materials.....tons...	70,142	46	...	32	35	...	125
Liquid materials.....tons...	2,741	...	...	2	...	...	...
Lime or liming materials used during the year.....acres limed...	467,049	3,426	246	872	2,434	480	4,464
.....tons...	604,941	2,243	381	1,018	2,356	200	2,489
SPECIFIED FARM EXPENDITURES							
Any of the following specified expenditures.....farms reporting...	19,979	106	16	19	113	14	116
Feed for livestock and poultry.....farms reporting...	13,286	69	10	17	52	7	56
.....dollars...	736,547,617	5,263,620	791,876	882,947	3,592,901	271,250	4,887,932
Purchase of livestock and poultry.....dollars...	1,094,875,209	880,108	78,150	138,710	731,717	52,888	825,932
Machine hire.....dollars...	118,441,301	27,706	12,877	3,866	79,161	4,209	122,491
Hired labor.....farms reporting...	19,742	106	15	18	112	14	114
.....dollars...	788,980,683	2,655,728	756,589	617,236	8,793,436	680,526	10,766,698
Seeds, bulbs, plants, and trees.....dollars...	73,162,616	255,371	35,244	13,413	1,004,961	228,860	1,153,781
Gasoline and other petroleum fuel and oil for the farm business.....farms reporting...	19,881	106	15	19	109	14	114
.....dollars...	116,051,468	319,513	58,857	72,990	460,691	76,907	575,448
See footnotes at end of table.							

# LARGE-SCALE FARMING

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Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	Middle Atlantic			East North Central				
	New York	New Jersey	Pennsylvania	Ohio	Indiana	Illinois	Michigan	Wisconsin
<b>FARMS BY TYPE OF FARM</b>								
Cash-grain farms.....number...	...	...	...	7	11	15	1	1
Tobacco farms.....number...	...	...	...	...	...	...	...	...
Cotton farms.....number...	...	...	...	...	...	...	...	...
Other field-crop farms.....number...	34	7	12	9	7	2	7	42
Vegetable farms.....number...	44	21	6	17	2	10	7	15
Fruit-and-nut farms.....number...	27	46	35	1	5	4	18	12
Poultry farms.....number...	67	37	65	29	61	22	17	55
Dairy farms.....number...	30	20	5	3	3	6	2	5
Livestock farms other than poultry and dairy farms and livestock ranches.....number...	7	17	20	71	88	427	24	22
Livestock ranches.....number...	...	...	...	...	...	...	...	...
General farms.....number...	6	1	12	5	5	5	4	1
Miscellaneous.....number...	73	40	93	114	25	62	36	10
<b>SPECIFIED EQUIPMENT AND FACILITIES</b>								
Grain combines.....farms reporting...	78	20	58	104	106	377	33	66
.....number...	88	20	75	167	134	480	41	96
Corn pickers.....farms reporting...	40	20	54	97	31	425	33	47
.....number...	55	37	86	156	228	674	40	67
Pick-up balers.....farms reporting...	79	26	67	92	82	328	26	50
.....number...	109	36	87	120	85	357	33	60
Field forage harvesters.....farms reporting...	57	23	49	67	95	327	24	43
.....number...	84	37	89	95	124	376	34	62
Motortrucks.....farms reporting...	270	179	243	230	191	527	113	149
.....number...	1,414	1,439	1,306	1,019	698	1,527	510	811
Tractors.....number...	1,725	1,252	1,316	1,388	1,077	2,944	649	1,062
Tractors other than garden.....number...	1,571	1,196	1,173	1,209	1,002	2,797	585	1,012
Wheel tractors.....farms reporting...	243	161	197	204	181	510	107	143
.....number...	1,365	1,051	1,027	1,093	889	2,654	514	858
Crawler tractors.....farms reporting...	119	57	67	73	51	102	29	57
.....number...	206	145	146	116	113	143	71	154
Garden tractors.....farms reporting...	102	36	86	97	53	104	45	37
.....number...	154	56	143	179	75	147	64	50
Automobiles.....farms reporting...	248	178	233	235	193	518	107	149
.....number...	643	484	521	505	414	1,022	312	387
Telephone.....farms reporting...	282	182	241	248	199	545	114	157
Home freezer.....farms reporting...	177	100	135	147	151	430	71	105
Milking machine.....farms reporting...	57	23	15	21	11	28	10	22
Electric milk cooler.....farms reporting...	57	23	14	19	11	27	9	20
Crop drier (for grain, forage, or other crops).....farms reporting...	26	18	28	47	50	86	12	29
Power-operated elevator, conveyor, or blower.....farms reporting...	135	59	107	135	143	443	58	107
<b>FARM LABOR, WEEK PRECEDING ENUMERATION</b>								
Hired workers.....persons...	5,081	3,163	4,298	3,712	1,689	3,464	1,701	1,435
Regular hired workers (employed 150 or more days).....persons...	3,796	2,469	3,469	3,044	1,463	2,852	1,125	996
<b>USE OF COMMERCIAL FERTILIZER AND LIME</b>								
Commercial fertilizer and fertilizing materials used during the year.....farms reporting <sup>2</sup> ...	180	124	181	215	172	461	91	113
.....acres on which used...	67,037	43,899	70,707	74,042	92,855	189,848	33,395	65,144
.....tons...	26,021	20,928	18,644	14,646	16,205	27,710	7,299	15,777
Dry materials.....tons...	25,342	17,425	17,325	13,502	13,782	21,516	6,833	15,026
Liquid materials.....tons...	679	3,503	1,319	1,144	2,423	6,194	466	751
Crops on which used—								
Hay and cropland pasture.....acres...	3,197	3,593	16,704	4,402	3,527	5,745	3,866	3,350
Dry materials.....tons...	627	878	3,909	645	487	769	358	387
Liquid materials.....tons...	...	...	73	10	21	118	...	34
Other pasture (not cropland).....acres...	598	645	4,218	590	1,185	2,551	20	335
Dry materials.....tons...	79	126	735	64	117	258	2	46
Liquid materials.....tons...	...	...	80	...	9	31	1	...
Lime or liming materials used during the year.....acres limed...	7,570	10,374	17,125	10,898	6,501	17,705	1,847	4,157
.....tons...	13,452	11,427	15,351	21,229	16,256	42,306	3,704	6,464
<b>SPECIFIED FARM EXPENDITURES</b>								
Any of the following specified expenditures.....farms reporting...	288	189	248	256	207	553	116	163
Feed for livestock and poultry.....farms reporting...	130	87	126	130	170	480	55	94
.....dollars...	10,917,686	6,226,634	7,333,152	5,098,423	9,522,527	16,236,772	2,653,854	6,634,920
Purchase of livestock and poultry.....dollars...	2,194,441	2,188,162	3,901,261	6,454,724	10,107,242	42,409,138	2,500,134	4,647,701
Machine hire.....dollars...	145,531	137,001	125,635	94,954	127,768	504,475	155,919	139,396
Hired labor.....farms reporting...	287	188	248	256	204	549	115	163
.....dollars...	13,930,228	11,083,719	13,833,517	12,420,079	6,250,132	11,284,733	4,641,912	5,169,548
Seeds, bulbs, plants, and trees.....dollars...	2,592,465	1,484,143	2,167,923	2,070,977	960,245	2,923,682	1,288,779	817,758
Gasoline and other petroleum fuel and oil for the farm business.....farms reporting...	284	189	248	255	204	552	115	162
.....dollars...	1,641,805	1,170,346	1,169,733	932,572	919,738	2,028,293	448,992	801,446

See footnotes at end of table.

## LARGE-SCALE FARMING

Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	West North Central						
	Minnesota	Iowa	Missouri	North Dakota	South Dakota	Nebraska	Kansas
<b>FARMS BY TYPE OF FARM</b>							
Cash-grain farms.....number...	10	4	28	10	1	12	89
Tobacco farms.....number...	...	...	...	...	...	...	...
Cotton farms.....number...	...	...	49	...	...	...	...
Other field-crop farms.....number...	37	3	...	45	3	3	1
Vegetable farms.....number...	9	1	1	...	...	...	1
Fruit-and-nut farms.....number...	...	...	1	...	...	...	...
Poultry farms.....number...	96	62	38	2	4	11	2
Dairy farms.....number...	1	3	3	2	...	...	2
Livestock farms other than poultry and dairy farms and livestock ranches.....number...	86	571	147	35	105	553	357
Livestock ranches.....number...	...	...	...	3	43	65	111
General farms.....number...	5	5	9	9	...	4	2
Miscellaneous.....number...	18	19	26	...	2	2	7
<b>SPECIFIED EQUIPMENT AND FACILITIES</b>							
Grain combines.....farms reporting...	118	426	183	90	64	252	383
.....number...	219	473	313	224	92	319	634
Corn pickers.....farms reporting...	113	545	155	21	62	349	86
.....number...	161	675	240	28	74	416	92
Pick-up balers.....farms reporting...	82	390	146	51	70	256	240
.....number...	87	408	169	58	85	302	262
Field forage harvesters.....farms reporting...	92	415	128	41	68	384	334
.....number...	107	496	170	57	77	423	475
Motortrucks.....farms reporting...	243	608	295	106	151	623	559
.....number...	951	1,247	1,043	656	492	1,958	2,328
Tractors.....number...	1,322	2,889	1,885	814	750	3,530	2,492
Tractors other than garden.....number...	1,243	2,780	1,824	799	732	3,451	2,415
Wheel tractors.....farms reporting...	240	639	282	104	147	632	542
.....number...	1,131	2,650	1,708	719	685	3,196	2,264
Crawler tractors.....farms reporting...	74	95	87	54	42	189	120
.....number...	112	130	116	80	47	255	151
Garden tractors.....farms reporting...	46	83	50	13	15	59	66
.....number...	79	109	61	15	18	79	77
Automobiles.....farms reporting...	242	642	289	101	142	623	545
.....number...	540	1,154	550	226	284	1,364	1,077
Telephone.....farms reporting...	248	652	288	97	129	625	534
Home freezer.....farms reporting...	196	553	216	85	122	504	437
Milking machine.....farms reporting...	17	55	12	13	11	47	26
Electric milk cooler.....farms reporting...	9	34	8	5	4	17	16
Crop drier (for grain, forage, or other crops).....farms reporting...	56	87	48	12	16	84	65
Power-operated elevator, conveyor, or blower.....farms reporting...	192	578	203	95	100	448	463
<b>FARM LABOR, WEEK PRECEDING ENUMERATION</b>							
Hired workers.....persons...	1,631	3,542	2,838	771	506	1,903	1,521
Regular hired workers (employed 150 or more days).....persons...	1,007	2,738	1,950	468	427	1,545	1,171
<b>USE OF COMMERCIAL FERTILIZER AND LIME</b>							
Commercial fertilizer and fertilizing materials used during the year.....farms reporting <sup>2</sup> ...	177	540	242	91	46	402	306
.....acres on which used...	99,186	157,504	122,666	106,209	18,823	125,177	117,347
.....tons...	10,141	17,538	13,309	7,084	1,204	10,634	7,915
Dry materials.....tons...	8,950	13,081	10,335	6,967	1,143	5,424	6,266
Liquid materials.....tons...	1,191	4,457	2,974	117	61	5,220	1,649
Crops on which used—							
Hay and cropland pasture.....acres...	3,308	10,148	7,240	1,755	1,622	10,142	5,836
Dry materials.....tons...	371	925	670	51	112	645	428
Liquid materials.....tons...	...	134	96	44	...	78	51
Other pasture (not cropland).....acres...	80	1,518	2,825	50	25	3,953	4,132
Dry materials.....tons...	7	80	288	1	1	76	311
Liquid materials.....tons...	...	74	13	...	...	108	4
Lime or liming materials used during the year.....acres limed...	1,997	6,955	15,319	...	...	1,539	3,182
.....tons...	4,388	16,113	31,721	...	...	3,046	6,200
<b>SPECIFIED FARM EXPENDITURES</b>							
Any of the following specified expenditures.....farms reporting...	262	668	302	106	158	650	572
Feed for livestock and poultry.....farms reporting...	205	647	242	68	151	643	544
.....dollars...	13,300,602	25,406,062	11,465,434	1,075,886	4,048,948	33,454,007	17,266,647
Purchase of livestock and poultry.....dollars...	12,252,664	56,991,732	18,757,590	3,055,751	15,457,322	100,731,545	68,095,440
Machine hire.....dollars...	308,664	449,523	734,818	103,256	244,265	908,309	1,730,205
Hired labor.....farms reporting...	259	658	296	106	153	632	561
.....dollars...	4,681,505	7,408,416	5,653,112	2,061,159	1,311,183	5,877,798	4,484,396
Seeds, bulbs, plants, and trees.....dollars...	1,095,761	2,547,309	911,754	326,292	152,142	423,969	445,260
Gasoline and other petroleum fuel and oil for the farm business.....farms reporting...	260	666	301	106	158	650	571
.....dollars...	946,020	1,615,380	1,274,479	667,275	599,812	2,054,696	2,011,824

See footnotes at end of table.

## LARGE-SCALE FARMING

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Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	South Atlantic							
	Delaware	Maryland	Virginia	West Virginia	North Carolina	South Carolina	Georgia	Florida
<b>FARMS BY TYPE OF FARM</b>								
Cash-grain farms.....number...	...	...	...	...	2	4	1	2
Tobacco farms.....number...	...	1	...	...	4	...	4	5
Cotton farms.....number...	...	...	...	...	...	4	10	...
Other field-crop farms.....number...	14	2	18	...	12	4	1	41
Vegetable farms.....number...	8	8	17	...	2	15	...	154
Fruit-and-nut farms.....number...	3	4	28	34	6	13	31	463
Poultry farms.....number...	59	48	67	12	69	26	120	40
Dairy farms.....number...	...	8	25	2	13	11	18	234
Livestock farms other than poultry and dairy farms and livestock ranches.....number...	1	11	25	2	3	7	31	14
Livestock ranches.....number...	...	...	...	...	...	...	...	81
General farms.....number...	2	5	9	...	7	19	33	11
Miscellaneous.....number...	5	19	22	3	25	9	27	117
<b>SPECIFIED EQUIPMENT AND FACILITIES</b>								
Grain combines.....farms reporting...number...	35	40	54	2	38	58	127	31
Corn pickers.....farms reporting...number...	46	56	72	3	59	102	217	47
Pick-up balers.....farms reporting...number...	38	43	60	6	31	32	85	42
Field forage harvesters.....farms reporting...number...	67	62	75	6	47	41	113	56
Motortrucks.....farms reporting...number...	11	37	92	14	29	53	109	126
Tractors.....farms reporting...number...	11	49	124	15	35	65	127	145
Field forage harvesters.....farms reporting...number...	5	28	62	6	22	31	52	109
Motortrucks.....farms reporting...number...	6	42	88	6	42	42	80	191
Tractors.....farms reporting...number...	88	101	204	52	138	109	258	1,102
Tractors other than garden.....farms reporting...number...	498	235	1,071	382	507	645	1,030	6,903
Wheel tractors.....farms reporting...number...	476	387	1,528	235	609	892	1,507	7,060
Crawler tractors.....farms reporting...number...	444	330	1,372	221	583	838	1,478	6,758
Garden tractors.....farms reporting...number...	80	93	196	45	118	103	249	1,043
Automobiles.....farms reporting...number...	425	285	1,279	172	545	789	1,403	5,789
Telephone.....farms reporting...number...	14	25	59	21	22	22	62	321
Home freezer.....farms reporting...number...	19	45	93	49	38	49	75	969
Milking machine.....farms reporting...number...	24	33	80	13	20	16	20	181
Electric milk cooler.....farms reporting...number...	32	57	156	14	26	54	29	302
Crop drier (for grain, forage, or other crops).....farms reporting...number...	86	100	193	50	128	107	247	1,000
Power-operated elevator, conveyor, or blower.....farms reporting...number...	157	314	596	126	343	366	558	2,674
Telephone.....farms reporting...number...	87	103	206	52	132	109	256	962
Home freezer.....farms reporting...number...	38	78	155	35	94	88	198	515
Milking machine.....farms reporting...number...	...	14	35	4	16	18	30	226
Electric milk cooler.....farms reporting...number...	1	14	37	4	17	17	30	224
Crop drier (for grain, forage, or other crops).....farms reporting...number...	4	8	34	5	16	15	26	40
Power-operated elevator, conveyor, or blower.....farms reporting...number...	28	49	116	20	50	59	124	190
<b>FARM LABOR, WEEK PRECEDING ENUMERATION</b>								
Hired workers.....persons...	737	1,262	3,494	1,466	2,075	2,253	4,197	26,630
Regular hired workers (employed 150 or more days).....persons...	455	1,086	2,478	947	1,680	1,616	3,021	18,526
<b>USE OF COMMERCIAL FERTILIZER AND LIME</b>								
Commercial fertilizer and fertilizing materials used during the year.....farms reporting <sup>2</sup> ...	59	68	158	41	101	98	204	1,010
acres on which used.....tons...	30,748	36,399	77,586	11,565	44,749	75,749	172,809	662,758
Dry materials.....tons...	13,286	11,216	30,505	2,230	13,750	28,159	43,089	456,517
Liquid materials.....tons...	11,201	8,920	29,708	2,230	13,017	26,623	40,077	453,263
Crops on which used—	2,085	2,296	797	...	733	1,536	3,012	3,254
Hay and cropland pasture.....acres...	1,072	3,654	17,541	1,733	9,707	10,317	37,078	87,988
Dry materials.....tons...	238	692	4,461	390	1,641	2,611	7,543	21,722
Liquid materials.....tons...	...	17	20	...	...	396	609	458
Other pasture (not cropland).....acres...	64	1,406	4,923	1,376	3,049	4,420	20,252	288,338
Dry materials.....tons...	16	293	1,563	280	471	819	3,321	41,073
Liquid materials.....tons...	...	...	...	...	1	129	498	1,268
Lime or liming materials used during the year.....acres limed...tons...	4,555	7,576	11,208	852	5,545	8,147	16,983	207,392
	4,303	8,108	15,420	1,930	6,763	8,015	16,606	204,379
<b>SPECIFIED FARM EXPENDITURES</b>								
Any of the following specified expenditures.....farms reporting...	92	106	211	53	143	112	276	1,162
Feed for livestock and poultry.....farms reporting...dollars...	66	77	156	31	111	82	247	520
Purchase of livestock and poultry.....dollars...	9,169,114	7,623,172	10,300,288	2,259,665	9,082,583	3,392,697	16,312,201	33,170,522
Machine hire.....dollars...	2,269,420	3,833,297	5,066,968	636,220	2,525,703	966,084	9,857,578	19,679,829
Hired labor.....farms reporting...dollars...	84,530	120,917	166,212	40,003	88,984	250,773	440,960	8,766,311
Seeds, bulbs, plants, and trees.....dollars...	92	105	209	53	142	112	275	1,148
Gasoline and other petroleum fuel and oil for the farm business.....farms reporting...dollars...	2,163,000	3,591,637	8,940,128	3,059,357	4,172,400	3,971,429	7,448,249	66,983,249
	457,557	454,344	719,682	130,298	446,911	349,531	613,765	6,216,011
	92	105	210	53	143	111	274	1,137
	256,689	419,021	1,039,417	230,391	604,221	728,609	1,164,486	6,907,883

See footnotes at end of table.

## LARGE-SCALE FARMING

Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	East South Central				West South Central			
	Kentucky	Tennessee	Alabama	Mississippi	Arkansas	Louisiana	Oklahoma	Texas
<b>FARMS BY TYPE OF FARM</b>								
Cash-grain farms.....number...	3	...	...	16	96	31	8	210
Tobacco farms.....number...	6	...	...	...	...	...	...	...
Cotton farms.....number...	1	24	10	504	396	76	5	822
Other field-crop farms.....number...	...	1	5	1	...	76	...	10
Vegetable farms.....number...	...	4	...	...	2	...	1	39
Fruit-and-nut farms.....number...	2	...	1	6	3	4	1	14
Poultry farms.....number...	6	19	57	69	63	14	8	95
Dairy farms.....number...	4	5	18	4	3	7	1	37
Livestock farms other than poultry and dairy farms and livestock ranches.....number...	45	13	36	35	15	25	85	238
Livestock ranches.....number...	...	...	...	...	...	6	104	491
General farms.....number...	2	6	18	13	20	11	7	52
Miscellaneous.....number...	17	26	28	10	2	8	12	38
<b>SPECIFIED EQUIPMENT AND FACILITIES</b>								
Grain combines.....farms reporting...	51	50	67	492	479	119	87	931
.....number...	91	104	109	986	1,133	260	158	1,764
Corn pickers.....farms reporting...	50	32	43	245	159	95	7	95
.....number...	68	49	59	340	202	115	9	123
Pick-up balers.....farms reporting...	57	49	72	326	249	133	78	409
.....number...	75	62	82	398	294	159	98	500
Field forage harvesters.....farms reporting...	44	24	44	146	131	52	45	322
.....number...	57	35	59	213	188	91	76	533
Motortrucks.....farms reporting...	82	96	169	643	585	256	226	2,006
.....number...	424	428	710	2,392	2,536	1,364	886	8,807
Tractors.....number...	570	699	789	7,619	6,369	3,268	881	12,605
Tractors other than garden.....number...	537	661	761	7,586	6,291	3,238	848	12,354
Wheel tractors.....farms reporting...	81	90	154	636	582	251	201	1,878
.....number...	521	623	709	7,269	6,035	3,098	784	11,488
Crawler tractors.....farms reporting...	11	29	38	243	192	91	45	530
.....number...	16	38	52	317	256	140	64	866
Garden tractors.....farms reporting...	17	21	19	27	37	15	27	143
.....number...	33	38	28	33	78	30	33	251
Automobiles.....farms reporting...	78	90	148	605	559	237	214	1,870
.....number...	292	201	345	1,578	1,294	700	444	4,324
Telephone.....farms reporting...	84	95	162	615	545	243	210	1,785
Home freezer.....farms reporting...	60	71	112	550	472	189	171	1,534
Milking machine.....farms reporting...	11	15	30	18	7	12	6	72
Electric milk cooler.....farms reporting...	11	15	30	14	5	11	5	65
Crop drier (for grain, forage, or other crops).....farms reporting...	16	11	19	122	108	30	5	136
Power-operated elevator, conveyor, or blower.....farms reporting...	59	46	79	367	278	89	106	553
<b>FARM LABOR, WEEK PRECEDING ENUMERATION</b>								
Hired workers.....persons...	1,318	1,920	2,634	24,969	20,684	9,602	1,728	26,307
Regular hired workers (employed 150 or more days).....persons...	1,059	1,230	1,914	9,099	7,311	4,909	1,208	15,662
<b>USE OF COMMERCIAL FERTILIZER AND LIME</b>								
Commercial fertilizer and fertilizing materials used during the year.....farms reporting <sup>2</sup> ...	78	83	126	598	542	233	94	1,206
.....acres on which used...	36,639	36,804	95,075	393,653	289,935	236,548	49,318	764,336
.....tons...	5,923	8,275	20,277	51,072	43,908	21,822	3,987	97,167
Dry materials.....tons...	4,960	7,649	19,989	29,739	33,835	13,632	3,211	68,673
Liquid materials.....tons...	963	626	288	21,333	10,073	8,190	776	28,494
Crops on which used—								
Hay and cropland pasture.....acres...	11,851	5,609	26,289	48,502	17,365	17,808	8,533	73,208
Dry materials.....tons...	1,185	1,127	4,675	4,907	1,384	1,727	552	6,141
Liquid materials.....tons...	248	...	65	299	117	138	21	249
Other pasture (not cropland).....acres...	3,565	926	24,790	32,818	6,645	7,768	6,370	36,299
Dry materials.....tons...	432	112	3,790	3,201	832	483	748	3,260
Liquid materials.....tons...	...	...	...	137	76	53	24	28
Lime or liming materials used during the year.....acres limed...	5,399	4,575	11,047	29,103	14,030	4,130	1,321	6,457
.....tons...	10,831	9,057	12,974	41,784	27,702	5,563	1,956	7,802
<b>SPECIFIED FARM EXPENDITURES</b>								
Any of the following specified expenditures.....farms reporting...	86	98	173	658	600	258	232	2,046
Feed for livestock and poultry.....farms reporting...	77	68	141	410	347	199	215	1,418
.....dollars...	2,101,237	2,246,109	9,349,671	15,090,393	10,282,605	3,472,876	5,543,952	50,395,665
Purchase of livestock and poultry.....dollars...	4,249,072	1,964,709	5,883,371	8,473,808	4,874,591	4,615,984	19,182,864	121,712,947
Machine hire.....dollars...	117,352	374,024	287,189	7,456,787	5,736,473	1,772,568	627,863	16,975,543
Hired labor.....farms reporting...	86	98	173	658	598	258	229	2,043
.....dollars...	3,154,169	3,302,827	4,528,495	17,678,079	19,242,793	10,585,132	3,956,068	50,237,699
Seeds, bulbs, plants, and trees.....dollars...	337,579	594,687	574,185	1,666,654	1,901,955	872,084	401,507	4,390,252
Gasoline and other petroleum fuel and oil for the farm business.....farms reporting...	86	96	172	658	597	258	229	2,038
.....dollars...	371,032	542,666	645,394	5,422,453	4,867,300	2,278,518	733,435	12,948,116

See footnotes at end of table.



## LARGE-SCALE FARMING

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Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	Mountain							
	Montana	Idaho	Wyoming	Colorado	New Mexico	Arizona	Utah	Nevada
<b>FARMS BY TYPE OF FARM</b>								
Cash-grain farms.....number...	23	28	...	35	6	6	1	...
Tobacco farms.....number...	...	...	...	...	...	...	...	...
Cotton farms.....number...	...	...	...	...	70	370	...	3
Other field-crop farms.....number...	4	74	1	4	2	6	3	...
Vegetable farms.....number...	...	...	...	10	5	49	...	...
Fruit and nut farms.....number...	...	3	...	1	...	20	...	...
Poultry farms.....number...	1	3	...	13	3	8	30	...
Dairy farms.....number...	...	2	...	11	14	51	...	3
Livestock farms other than poultry and dairy farms and livestock ranches.....number...	62	89	35	271	23	91	31	36
Livestock ranches.....number...	119	52	132	128	111	65	29	52
General farms.....number...	2	12	...	10	5	49	5	1
Miscellaneous.....number...	4	1	...	15	3	7	3	...
<b>SPECIFIED EQUIPMENT AND FACILITIES</b>								
Grain combines.....farms reporting...	109	147	42	195	67	156	41	36
.....number...	224	286	56	307	99	304	54	44
Corn pickers.....farms reporting...	3	11	6	87	6	17	6	...
.....number...	3	14	6	92	8	25	7	...
Pick-up balers.....farms reporting...	144	152	103	189	104	19	46	62
.....number...	243	212	155	216	151	290	65	110
Field forage harvesters.....farms reporting...	51	68	35	253	57	158	36	25
.....number...	62	76	49	340	102	255	49	50
Motortrucks.....farms reporting...	213	262	168	493	236	704	100	93
.....number...	1,302	1,611	969	2,299	1,259	3,535	441	609
Tractors.....number...	1,636	1,604	1,030	2,250	1,294	4,965	386	839
Tractors other than garden.....number...	1,604	1,580	1,010	2,210	1,278	4,928	369	835
Wheel tractors.....farms reporting...	204	251	149	451	194	673	86	94
.....number...	1,333	1,264	856	1,942	1,152	4,009	307	682
Crawler tractors.....farms reporting...	145	159	107	181	67	507	42	80
.....number...	271	316	154	268	126	919	62	153
Garden tractors.....farms reporting...	29	20	14	29	12	22	10	2
.....number...	32	24	20	40	16	37	17	4
Automobiles.....farms reporting...	194	237	158	465	219	657	98	86
.....number...	534	579	506	962	541	1,717	220	228
Telephone.....farms reporting...	173	244	141	439	195	625	97	75
Home freezer.....farms reporting...	187	218	134	386	187	494	69	70
Milking machine.....farms reporting...	19	24	10	29	15	67	4	8
Electric milk cooler.....farms reporting...	6	11	7	24	17	63	2	6
Crop drier (for grain, forage, or other crops).....farms reporting...	4	15	2	24	5	22	3	...
Power-operated elevator, conveyor, or blower.....farms reporting...	145	194	58	302	63	248	59	34
<b>FARM LABOR, WEEK PRECEDING ENUMERATION</b>								
Hired workers.....persons...	1,567	1,719	3,052	3,254	3,345	14,864	621	940
Regular hired workers (employed 150 or more days).....persons...	1,264	1,354	2,863	1,972	1,914	7,422	486	832
<b>USE OF COMMERCIAL FERTILIZER AND LIME</b>								
Commercial fertilizer and fertilizing materials used during the year.....farms reporting <sup>2</sup> ...	83	192	54	257	116	592	43	30
.....acres on which used...	61,546	100,072	13,750	49,806	65,904	530,643	8,782	7,258
.....tons...	2,364	14,190	1,724	6,395	9,473	97,618	997	1,476
Dry materials.....tons...	2,296	12,447	1,463	5,377	8,688	83,282	975	1,424
Liquid materials.....tons...	68	1,743	261	1,018	785	14,336	22	52
Crops on which used—								
Hay and cropland pasture.....acres...	15,260	12,536	6,860	7,836	18,445	64,742	2,759	3,071
.....tons...	784	1,384	910	619	2,292	6,081	265	610
Liquid materials.....tons...	4	5	105	48	22	1,287	1	1
Other pasture (not cropland).....acres...	1,356	1,116	660	530	132	373	180	10
.....tons...	32	71	55	65	9	21	19	4
Liquid materials.....tons...	7	1	15	...	3	9	...	...
Lime or liming materials used during the year.....acres limed...	...	...	...	...	...	...	...	...
.....tons...	...	...	...	...	...	...	...	...
<b>SPECIFIED FARM EXPENDITURES</b>								
Any of the following specified expenditures.....farms reporting...	215	264	168	498	242	722	102	95
Feed for livestock and poultry.....farms reporting...	201	203	165	463	212	390	97	88
.....dollars...	3,871,783	8,421,828	2,982,543	35,532,178	6,113,245	32,198,549	5,642,769	3,638,224
Purchase of livestock and poultry.....dollars...	10,102,241	16,300,983	8,292,458	87,125,909	13,264,865	62,980,966	6,665,155	7,442,257
Machine hire.....dollars...	532,932	788,176	264,619	1,123,471	1,072,370	11,919,600	140,981	283,013
Hired labor.....farms reporting...	211	263	168	490	242	719	98	94
.....dollars...	5,031,676	6,640,698	4,311,624	7,988,412	6,608,218	39,687,030	1,974,519	3,037,626
Seeds, bulbs, plants, and trees.....dollars...	211,464	767,426	48,154	586,612	254,706	2,614,183	201,262	61,948
Gasoline and other petroleum fuel and oil for the farm business.....farms reporting...	215	263	168	498	241	718	102	94
.....dollars...	1,352,021	1,427,741	777,146	1,884,477	1,334,526	7,567,294	407,764	714,471

See footnotes at end of table.

## LARGE-SCALE FARMING

Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	Pacific				
	Washington	Oregon	California	Alaska	Hawaii
FARMS BY TYPE OF FARM					
Cash-grain farms.....number...	140	71	307	...	...
Tobacco farms.....number...	...	...	...	...	...
Cotton farms.....number...	...	...	646	...	...
Other field-crop farms.....number...	49	32	213	...	42
Vegetable farms.....number...	18	24	552	...	...
Fruit-and-nut farms.....number...	36	19	812	...	3
Poultry farms.....number...	31	24	406	...	10
Dairy farms.....number...	11	7	1,111	2	34
Livestock farms other than poultry and dairy farms and livestock ranches.....number...	65	65	279	...	4
Livestock ranches.....number...	29	73	271	...	20
General farms.....number...	6	30	522	...	...
Miscellaneous.....number...	22	36	220	...	3
SPECIFIED EQUIPMENT AND FACILITIES					
Grain combines.....farms reporting...	218	209	1,167	1	NA
number.....	1,609	515	2,784	(1)	NA
Corn pickers.....farms reporting...	16	12	194	...	...
number.....	17	16	327	...	...
Pick-up balers.....farms reporting...	143	146	1,114	...	6
number.....	165	191	1,486	...	10
Field forage harvesters.....farms reporting...	96	73	567	2	28
number.....	1,138	99	912	(1)	58
Motortrucks.....farms reporting...	400	375	5,104	2	116
number.....	12,655	2,643	27,962	(1)	3,414
Tractors.....number...	12,436	1,885	33,204	(1)	1,766
Tractors other than garden.....number...	12,340	1,719	32,337	(1)	1,641
Wheel tractors.....farms reporting...	345	358	4,825	2	83
number.....	11,558	1,180	21,933	(1)	385
Crawler tractors.....farms reporting...	281	287	3,444	1	82
number.....	1,782	539	10,404	(1)	1,256
Garden tractors.....farms reporting...	81	99	531	...	21
number.....	96	166	867	...	125
Automobiles.....farms reporting...	388	362	4,936	2	105
number.....	1,925	862	13,215	(1)	900
Telephone.....farms reporting...	396	357	5,121	2	112
Home freezer.....farms reporting...	330	310	3,884	2	52
Milking machine.....farms reporting...	24	22	1,191	2	41
Electric milk cooler.....farms reporting...	17	10	1,119	1	39
Crop drier (for grain, forage, or other crops).....farms reporting...	22	15	494	...	3
Power-operated elevator, conveyor, or blower.....farms reporting...	259	218	1,831	2	25
FARM LABOR, WEEK PRECEDING ENUMERATION					
Hired workers.....persons...	14,745	3,280	76,354	(1)	13,619
Regular hired workers (employed 150 or more days).....persons...	14,039	2,249	49,299	(1)	13,290
USE OF COMMERCIAL FERTILIZER AND LIME					
Commercial fertilizer and fertilizing materials used during the year.....farms reporting <sup>2</sup> ...	324	268	3,952	2	78
acres on which used.....	1328,282	230,390	2,175,161	(1)	259,794
tons.....	122,369	18,193	575,350	(1)	170,657
Dry materials.....tons...	114,109	13,965	422,748	(1)	103,433
Liquid materials.....tons...	8,260	4,228	152,602	...	67,224
Crops on which used—					
Hay and cropland pasture.....acres...	114,707	13,930	268,040	(1)	914
Dry materials.....tons...	11,544	1,497	38,776	(1)	299
Liquid materials.....tons...	110	250	3,322	...	2
Other pasture (not cropland).....acres...	834	4,586	43,388	...	3,546
Dry materials.....tons...	86	410	5,498	...	749
Liquid materials.....tons...	9	2	151	...	8
Lime or liming materials used during the year.....acres limed...	549	1,289	6,130	...	3,670
tons...	1,081	1,895	15,048	...	3,380
SPECIFIED FARM EXPENDITURES					
Any of the following specified expenditures.....farms reporting...	407	381	5,339	2	116
Feed for livestock and poultry.....farms reporting...	264	274	2,694	2	85
dollars...	112,607,641	8,086,751	235,998,443	(1)	5,328,833
Purchase of livestock and poultry.....dollars...	126,012,376	12,503,089	273,438,545	(1)	2,501,568
Machine hire.....dollars...	186,779	1,069,139	50,345,387	(1)	618,316
Hired labor.....farms reporting...	407	278	5,322	2	115
dollars...	115,489,446	11,112,146	289,426,475	(1)	50,296,452
Seeds, bulbs, plants, and trees.....dollars...	12,130,917	1,947,201	21,214,979	(1)	96,673
Gasoline and other petroleum fuel and oil for the farm business.....farms reporting...	402	381	5,324	2	116
dollars...	12,426,052	2,312,519	33,026,900	(1)	3,814,109

See footnotes at end of table.

OR MORE, BY STATES: CENSUS OF 1959—Continued

See footnotes at end of table.

OR MORE, BY STATES: CENSUS OF 1959—Continued

See footnotes at end of table.

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Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	West North Central						
	Minnesota	Iowa	Missouri	North Dakota	South Dakota	Nebraska	Kansas
ESTIMATED VALUE OF PRODUCTS SOLD BY SOURCE							
All farm products sold.....total, dollars...	48,410,985	120,550,240	58,344,334	15,723,440	28,524,483	204,494,070	132,830,493
average per farm, dollars...	184,775	180,464	193,193	148,334	180,535	314,606	232,221
All crops sold.....dollars...	13,686,219	12,019,678	20,078,642	8,884,122	1,122,867	7,842,665	18,102,748
Field crops, other than vegetables and fruits and nuts, sold.....dollars...	7,508,667	5,180,341	14,513,056	8,857,630	712,198	7,050,807	16,915,021
Vegetables sold.....dollars...	2,037,871	227,408	797,950	25,200	420	7,970	134,100
Fruits and nuts sold.....dollars...	3,720	11,537	182,417	197	14	380	164
Forest products and horticultural specialty products sold.....dollars...	4,135,961	6,600,392	4,585,219	1,095	410,235	783,508	1,053,463
All livestock and livestock products							
sold.....dollars...	34,724,766	108,530,562	38,265,692	6,839,318	27,401,616	196,651,405	114,727,745
Poultry and poultry products sold.....dollars...	18,074,964	10,944,571	5,972,576	379,195	792,548	1,818,163	383,434
Dairy products sold.....dollars...	364,133	924,716	315,576	240,380	28,333	193,774	281,193
Livestock and livestock products, other than poultry and dairy, sold.....dollars...	16,285,669	96,661,275	31,977,540	6,219,743	26,580,735	194,639,468	114,063,118
LIVESTOCK AND LIVESTOCK PRODUCTS							
Cattle and calves.....farms reporting...	125	600	226	66	138	627	525
number...	48,281	274,015	107,982	28,689	121,509	666,340	391,455
Milk cows.....farms reporting...	36	246	96	29	69	255	182
number...	808	3,157	1,029	674	363	1,617	822
Hogs and pigs.....farms reporting...	92	503	172	30	61	301	147
number...	19,363	160,843	68,095	3,820	12,450	39,417	26,621
Sheep and lambs.....farms reporting...	36	94	19	16	32	53	47
number...	17,279	80,237	8,401	10,590	80,754	68,206	69,268
Lambs under 1 year old.....number...	15,848	71,337	6,557	7,218	50,227	63,613	55,582
Sheep 1 year old and over.....number...	1,431	8,900	1,844	3,372	30,527	4,593	13,686
Ewes.....number...	1,393	8,670	1,435	3,268	29,269	4,504	13,396
Rams and wethers.....number...	38	230	409	104	1,258	89	290
Chickens 4 months old and over.....farms reporting...	48	278	67	22	63	262	178
number...	144,491	105,006	98,873	10,622	29,957	104,841	28,080
Livestock and livestock products sold:							
Cattle sold alive.....farms reporting...	114	594	209	59	143	629	518
number...	54,697	324,988	127,261	23,838	97,166	664,279	489,107
dollars...	14,284,680	86,892,629	27,983,538	5,228,311	20,527,493	184,524,242	105,225,220
Calves sold alive.....farms reporting...	27	94	51	28	48	94	130
number...	3,352	8,351	5,867	5,147	11,660	30,829	38,919
dollars...	401,325	951,066	965,980	666,286	1,740,550	4,384,577	5,662,658
Hogs and pigs sold alive.....farms reporting...	88	496	169	23	62	279	131
number...	32,751	248,945	92,866	4,509	26,893	63,027	48,469
dollars...	982,530	7,468,350	2,785,980	130,761	806,790	1,953,837	1,502,539
Sheep and lambs sold alive.....farms reporting...	27	84	19	12	31	48	44
number...	38,370	79,486	14,069	8,942	240,302	214,897	88,490
dollars...	575,550	1,192,290	211,035	116,246	3,123,926	3,438,352	1,327,350
Milk and cream sold.....farms reporting <sup>a</sup> ...	12	46	11	6	4	16	15
pounds...	6,478,320	24,827,409	6,490,636	5,516,889	1,015,430	6,621,380	4,214,958
dollars...	364,133	924,716	315,576	240,380	28,333	193,774	281,193
Broilers sold.....farms reporting...	3	5	22	...	...	1	...
number...	765,000	422,521	4,445,482	...	...	(D)	...
dollars...	451,350	312,666	2,133,831	...	...	(D)	...
Other chickens sold.....farms reporting...	46	220	32	15	39	140	64
number...	88,573	79,799	135,180	5,005	12,813	58,630	19,141
dollars...	27,459	25,535	60,831	1,400	3,588	19,349	5,935
Chicken eggs sold.....farms reporting...	43	243	40	20	43	169	79
dozens...	2,010,830	1,177,610	1,325,551	145,384	302,995	969,459	331,385
dollars...	462,492	270,851	357,899	31,985	66,660	222,976	79,533
Turkeys raised.....farms reporting...	98	86	28	4	6	16	15
number...	5,777,300	2,870,584	819,930	69,078	235,064	267,794	57,174
SPECIFIED CROPS HARVESTED							
Corn for all purposes.....farms reporting...	144	616	197	49	98	465	196
acres...	45,825	181,998	72,221	16,573	32,124	120,372	27,042
Under 11 acres.....farms reporting...	2	4	5	1	...	2	6
11 to 24 acres.....farms reporting...	5	7	6	1	2	1	9
25 to 49 acres.....farms reporting...	7	10	12	4	1	23	31
50 to 74 acres.....farms reporting...	11	16	14	2	7	27	24
75 to 99 acres.....farms reporting...	6	26	10	...	7	22	23
100 or more acres.....farms reporting...	113	553	150	41	81	390	103
Harvested for grain.....farms reporting...	135	600	187	21	56	401	123
acres...	39,756	159,914	66,768	5,056	14,529	96,315	17,746
bushels...	2,246,087	11,969,294	4,468,706	219,825	504,895	6,391,562	961,464
Sales.....farms reporting...	51	175	96	11	10	104	37
bushels...	908,912	2,891,263	2,314,691	125,900	60,700	1,905,119	278,712

See footnotes at end of table.

OR MORE, BY STATES: CENSUS OF 1959--Continued

See footnotes at end of table.

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Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	East South Central				West South Central			
	Kentucky	Tennessee	Alabama	Mississippi	Arkansas	Louisiana	Oklahoma	Texas
ESTIMATED VALUE OF PRODUCTS SOLD BY SOURCE								
All farm products sold.....total, dollars...	15,453,697	16,745,253	32,357,038	124,253,349	103,017,150	48,948,382	45,461,872	419,232,807
average per farm, dollars...	179,694	170,870	187,035	188,835	171,695	189,722	195,956	204,904
All crops sold.....dollars...	4,450,159	10,970,409	10,393,881	89,089,500	83,314,443	35,487,767	8,156,057	168,965,772
Field crops, other than vegetables and fruits and nuts, sold.....dollars...	2,729,592	4,071,223	3,795,974	86,053,018	81,465,295	32,962,960	4,193,154	144,737,159
Vegetables sold.....dollars...	250	716,139	191,081	8,957	378,406	12,030	196,330	12,691,427
Fruits and nuts sold.....dollars...	218,425	16,954	164,303	1,018,945	742,769	814,892	114,691	3,899,509
Forest products and horticultural specialty products sold.....dollars...	1,501,892	6,166,093	6,242,523	2,008,580	727,973	1,697,885	3,651,882	7,637,677
All livestock and livestock products sold.....dollars...	11,003,538	5,774,844	21,963,157	35,163,849	19,702,707	13,460,615	37,305,815	250,267,035
Poultry and poultry products sold.....dollars...	1,277,972	2,634,380	10,522,239	21,680,884	13,323,784	2,668,215	1,178,312	17,578,148
Dairy products sold.....dollars...	391,745	646,722	2,778,236	702,370	230,728	750,042	184,490	7,865,698
Livestock and livestock products, other than poultry and dairy, sold.....dollars...	9,333,821	2,493,742	8,662,682	12,780,595	6,148,195	10,042,358	35,943,013	224,823,189
LIVESTOCK AND LIVESTOCK PRODUCTS								
Cattle and calves.....farms reporting... number...	74 31,835	66 22,643	126 81,707	430 128,722	318 67,185	187 120,532	208 211,515	1,432 1,478,926
Milk cows.....farms reporting... number...	40 1,549	33 1,927	52 7,911	126 3,057	75 1,114	69 2,998	70 1,060	448 20,147
Hogs and pigs.....farms reporting... number...	43 13,772	46 8,047	69 13,990	269 33,903	231 14,347	74 7,541	53 5,938	402 39,443
Sheep and lambs.....farms reporting... number...	28 12,765	10 1,848	3 805	45 8,785	11 967	18 8,215	12 3,626	246 595,532
Lambs under 1 year old.....number...	3,110	598	65	3,503	223	3,078	2,708	229,294
Sheep 1 year old and over.....number...	9,655	1,250	740	5,282	744	5,137	918	366,238
Ewes.....number...	8,993	1,167	679	4,691	702	4,460	861	336,787
Rams and wethers.....number...	662	83	61	591	42	677	57	29,451
Chickens 4 months old and over.....farms reporting... number...	24 77,255	31 197,642	57 827,642	169 1,140,481	153 541,168	75 278,923	62 90,804	459 1,454,151
Livestock and livestock products sold:								
Cattle sold alive.....farms reporting... number... dollars...	70 25,479 5,787,965	43 8,713 1,758,969	103 31,415 6,498,154	277 41,280 8,224,493	214 24,006 4,322,061	139 34,007 6,584,588	193 149,210 29,791,043	1,113 898,899 175,248,231
Calves sold alive.....farms reporting... number... dollars...	35 2,940 324,076	39 2,277 215,779	78 15,417 1,649,356	2,293 26,689 3,205,322	177 12,754 1,401,193	141 30,913 3,006,546	107 29,409 5,474,208	866 260,390 37,935,831
Hogs and pigs sold alive.....farms reporting... number... dollars...	42 17,985 521,565	39 9,671 280,459	58 18,031 504,868	211 43,990 1,231,720	176 12,858 385,740	47 10,290 288,120	43 13,803 414,090	280 41,975 1,259,250
Sheep and lambs sold alive.....farms reporting... number... dollars...	29 11,638 162,932	11 1,255 16,315	2 325 3,575	42 8,548 94,028	6 469 5,159	30 3,807 41,877	13 9,014 117,182	211 413,480 4,961,760
Milk and cream sold.....farms reporting... pounds... dollars...	19 9,492,730 391,745	18 12,628,102 646,722	34 48,732,081 2,778,236	25 14,972,129 702,370	9 4,261,074 230,728	23 12,643,709 750,042	11 4,648,562 184,490	87 137,597,019 7,865,698
Broilers sold.....farms reporting... number... dollars...	1 (11) (11)	13 113,004,500 11,475,580	42 13,162,500 6,581,250	56 23,493,282 15,271,843	50 14,703,042 6,763,399	9 2,107,000 1,032,430	2 123,500 59,280	46 13,403,800 6,433,824
Other chickens sold.....farms reporting... number... dollars...	16 42,971 21,055	20 142,160 65,393	41 407,372 195,539	66 503,652 312,264	62 446,602 178,641	29 207,588 126,629	9 3,223 1,226	153 1,041,652 520,827
Chicken eggs sold.....farms reporting... dozens... dollars...	16 1,329,935 385,682	21 3,082,153 1,152,442	40 9,470,772 3,598,894	68 14,304,575 5,864,876	65 6,912,460 2,488,486	32 3,666,877 1,466,751	20 206,479 55,751	169 17,751,633 5,503,006
Turkeys raised.....farms reporting... number...	4 182,097	3 42,025	7 36,969	27 75,422	40 861,739	7 115	11 246,717	76 1,063,400
SPECIFIED CROPS HARVESTED								
Corn for all purposes.....farms reporting... acres...	63 17,140	48 8,567	84 17,943	397 45,041	246 22,714	158 19,228	10 1,451	301 28,349
Under 11 acres.....farms reporting...	4	6	6	48	52	8	...	64
11 to 24 acres.....farms reporting...	3	7	7	37	35	14	2	40
25 to 49 acres.....farms reporting...	6	9	7	68	43	24	...	48
50 to 74 acres.....farms reporting...	7	4	4	56	22	28	3	35
75 to 99 acres.....farms reporting...	4	1	2	27	12	10	1	21
100 or more acres.....farms reporting...	39	21	58	161	82	74	4	93
Harvested for grain.....farms reporting... acres... bushels...	55 15,156 918,610	44 7,588 415,924	78 15,990 629,246	374 39,179 1,829,857	238 20,366 857,845	145 16,781 861,493	7 1,066 47,440	226 21,350 939,126
Sales.....farms reporting... bushels...	11 278,165	20 197,780	30 197,187	207 858,483	123 470,993	73 477,260	2 3,300	8 500,143

See footnotes at end of table.

OR MORE, BY STATES: CENSUS OF 1959—Continued

See footnotes at end of table.



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Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	Pacific				
	Washington	Oregon	California	Alaska	Hawaii
ESTIMATED VALUE OF PRODUCTS SOLD BY SOURCE					
All farm products sold.....total, dollars...	<sup>1</sup> 92,878,504	72,621,042	1,555,935,315	( <sup>1</sup> )	119,371,930
average per farm, dollars...	<sup>1</sup> 227,087	190,606	291,428	( <sup>1</sup> )	1,029,068
All crops sold.....dollars...	<sup>1</sup> 45,200,071	36,846,898	880,677,975	( <sup>1</sup> )	100,507,276
Field crops, other than vegetables and fruits and nuts, sold.....dollars...	<sup>1</sup> 25,052,695	19,103,873	440,878,838	( <sup>1</sup> )	99,406,050
Vegetables sold.....dollars...	6,303,375	5,541,045	200,070,691	...	50,673
Fruits and nuts sold.....dollars...	9,986,690	4,418,010	181,286,373	...	663,587
Forest products and horticultural specialty products sold.....dollars...	3,857,311	7,783,970	58,442,073	...	386,966
All livestock and livestock products sold.....dollars...	<sup>1</sup> 47,678,433	35,774,144	675,257,340	( <sup>1</sup> )	18,864,654
Poultry and poultry products sold.....dollars...	6,487,234	4,280,610	80,765,070	...	2,423,759
Dairy products sold.....dollars...	<sup>1</sup> 1,885,641	942,248	176,476,203	( <sup>1</sup> )	7,815,418
Livestock and livestock products, other than poultry and dairy, sold.....dollars...	<sup>1</sup> 39,305,558	30,551,286	418,016,067	( <sup>1</sup> )	8,625,477
LIVESTOCK AND LIVESTOCK PRODUCTS					
Cattle and calves.....farms reporting...	265	277	2,414	2	73
number...	<sup>1</sup> 151,503	229,258	1,706,424	( <sup>1</sup> )	143,960
Milk cows.....farms reporting...	97	138	1,388	2	45
number...	<sup>1</sup> 3,963	2,530	324,667	( <sup>1</sup> )	10,346
Hogs and pigs.....farms reporting...	59	76	343	...	19
number...	7,788	5,836	135,246	...	4,628
Sheep and lambs.....farms reporting...	37	82	378	...	3
number...	81,808	163,423	607,439	...	11,812
Lambs under 1 year old.....number...	51,421	60,419	281,955	...	1,755
Sheep 1 year old and over.....number...	30,387	103,004	325,484	...	10,057
Ewes.....number...	29,847	100,103	316,916	...	7,405
Rams and wethers.....number...	540	2,901	8,568	...	2,652
Chickens 4 months old and over.....farms reporting...	86	105	634	...	23
number...	328,179	55,867	6,795,125	...	243,674
Livestock and livestock products sold:					
Cattle sold alive.....farms reporting...	220	236	2,038	1	67
number...	<sup>1</sup> 147,375	111,085	1,735,355	( <sup>1</sup> )	36,668
dollars...	<sup>1</sup> 35,915,779	22,560,709	384,229,826	( <sup>1</sup> )	7,974,457
Calves sold alive.....farms reporting...	85	131	1,488	1	32
number...	<sup>1</sup> 10,196	37,636	195,216	( <sup>1</sup> )	4,044
dollars...	<sup>1</sup> 1,217,459	4,760,918	15,787,133	( <sup>1</sup> )	182,784
Hogs and pigs sold alive.....farms reporting...	44	49	153	...	17
number...	8,935	7,764	157,001	...	7,101
dollars...	294,855	256,212	5,338,034	...	393,992
Sheep and lambs sold alive.....farms reporting...	32	69	225	...	2
number...	117,833	179,161	751,837	...	1,251
dollars...	1,531,829	2,329,093	10,525,718	...	17,970
Milk and cream sold.....farms reporting <sup>2</sup> ...	17	14	1,192	2	38
pounds <sup>2</sup> ...	<sup>1</sup> 36,870,882	18,775,278	3,631,046,585	( <sup>1</sup> )	86,837,987
dollars...	<sup>1</sup> 1,885,641	942,248	176,476,203	( <sup>1</sup> )	7,815,418
Broilers sold.....farms reporting...	14	12	60	...	8
number...	5,197,000	2,457,900	12,952,841	...	147,800
dollars...	3,274,110	1,450,161	8,289,817	...	177,360
Other chickens sold.....farms reporting...	39	28	236	...	14
number...	224,793	32,680	4,046,413	...	158,572
dollars...	123,636	12,745	1,820,885	...	214,072
Chicken eggs sold.....farms reporting...	44	33	246	...	15
dozens...	5,208,922	939,647	96,152,458	...	3,329,659
dollars...	1,771,033	347,669	30,768,787	...	2,031,092
Turkeys raised.....farms reporting...	9	21	227	...	4
number...	283,662	421,714	7,965,233	...	2,211
SPECIFIED CROPS HARVESTED					
Corn for all purposes.....farms reporting...	69	40	675	...	1
acres...	6,723	2,662	106,271	...	160
Under 11 acres.....farms reporting...	1	2	19	NA	...
11 to 24 acres.....farms reporting...	5	10	50	NA	...
25 to 49 acres.....farms reporting...	14	5	130	NA	...
50 to 74 acres.....farms reporting...	20	9	105	NA	...
75 to 99 acres.....farms reporting...	4	3	63	NA	...
100 or more acres.....farms reporting...	25	11	308	NA	...
Harvested for grain.....farms reporting...	37	21	335	...	1
acres...	3,116	1,404	<sup>13</sup> 72,856	...	( <sup>13</sup> )
bushels...	320,298	127,086	<sup>13</sup> 5,244,329	...	( <sup>13</sup> )
Sales.....farms reporting...	18	12	289	...	...
bushels...	138,798	72,690	4,912,531	...	...

See footnotes at end of table.

## LARGE-SCALE FARMING

Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	Total farms with value of farm products sold of \$100,000 or more	New England					
		Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut
SPECIFIED CROPS HARVESTED—Continued							
Hay crops: <sup>14</sup>							
Land from which hay was cut.....acres...	2,593,062	4,268	692	6,588	3,618	252	2,349
Alfalfa and alfalfa mixtures cut for hay and for dehydrating.....farms reporting...	6,046	1	2	13	12	...	15
acres...	1,112,642	12	94	2,419	763	...	548
tons...	4,495,129	33	272	4,637	1,144	...	1,778
Sales.....tons...	2,539,594	18	20	450	70	...	18
Coastal Bermudagrass cut for hay.....farms reporting...	108	...	...	...	...	...	...
acres...	14,003	...	...	...	...	...	...
tons...	29,974	...	...	...	...	...	...
Sales.....tons...	2,053	...	...	...	...	...	...
Clover, timothy, and mixtures of clover and grasses cut for hay.....farms reporting...	1,367	41	4	12	23	2	18
acres...	204,965	3,446	395	2,010	1,477	60	979
tons...	320,274	5,597	765	3,649	2,889	200	2,337
Sales.....tons...	36,529	1,074	83	90	822	50	268
Lespedeza cut for hay.....farms reporting...	447	...	...	...	...	...	...
acres...	36,586	...	...	...	...	...	...
tons...	56,231	...	...	...	...	...	...
Sales.....tons...	2,445	...	...	...	...	...	...
Vetch or peas, alone or mixed with oats or other grains, cut for hay.....farms reporting...	22	...	...	...	...	...	...
acres...	2,757	...	...	...	...	...	...
tons...	3,458	...	...	...	...	...	...
Sales.....tons...	602	...	...	...	...	...	...
Oats, wheat, barley, rye, or other small grains cut for hay.....farms reporting...	1,296	1	1	4	2	2	...
acres...	124,848	5	21	206	42	32	...
tons...	194,979	8	42	433	70	28	...
Sales.....tons...	32,541	...	...	...	...	...	...
Wild hay cut.....farms reporting...	973	...	...	...	...	...	...
acres...	846,100	...	...	...	...	...	...
tons...	780,156	...	...	...	...	...	...
Sales.....tons...	23,718	...	...	...	...	...	...
Other hay cut.....farms reporting...	1,341	10	3	6	7	3	14
acres...	190,376	373	160	1,097	219	95	326
tons...	290,344	753	220	2,161	466	104	633
Sales.....tons...	30,441	108	25	20	90	...	45
Grass silage made from grasses, alfalfa, clover, or small grains.....farms reporting...	728	5	1	12	8	2	10
acres...	60,785	432	22	856	1,117	65	496
tons, green weight...	417,343	3,250	160	5,010	9,049	550	3,822
Irish potatoes harvested for home use or for sale.....farms reporting...	1,552	49	3	4	6	5	15
acres <sup>15</sup> ...	273,759	12,719	130	253	831	2,099	1,870
bushels...	96,309,189	5,287,172	44,070	96,875	393,771	889,572	811,386
Vegetables harvested for sale.....farms reporting...	2,631	15	1	2	10	...	6
Sales.....dollars...	372,673,957	285,232	( <sup>3</sup> )	301,010	382,688	...	269,050
Land in bearing and nonbearing fruit orchards, groves, vineyards, and planted nut trees <sup>17</sup> .....farms reporting...	3,652	12	...	3	13	...	12
acres...	692,731	1,198	...	502	1,676	...	1,902

See footnotes at end of table.

# LARGE-SCALE FARMING

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Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	Middle Atlantic			East North Central				
	New York	New Jersey	Pennsylvania	Ohio	Indiana	Illinois	Michigan	Wisconsin
SPECIFIED CROPS HARVESTED—Continued								
Hay crops: <sup>14</sup>								
Land from which hay was cut.....acres...	13,634	5,823	22,607	12,051	8,673	32,776	5,924	7,206
Alfalfa and alfalfa mixtures cut for hay and for dehydrating.....farms reporting...	61	25	64	63	58	285	31	55
acres...	6,666	3,656	15,471	6,253	3,441	20,352	4,660	5,578
tons...	16,682	12,468	45,627	15,212	10,044	54,136	11,693	16,851
Sales.....tons...	1,756	258	36,846	3,267	3,470	2,216	490	689
Coastal Bermudagrass cut for hay.....farms reporting...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...
tons...	...	...	...	...	...	...	...	...
Sales.....tons...	...	...	...	...	...	...	...	...
Clover, timothy, and mixtures of clover and grasses cut for hay.....farms reporting...	48	21	51	65	58	120	4	16
acres...	4,189	885	3,295	3,727	3,040	6,818	210	797
tons...	6,893	2,015	6,437	7,331	6,592	14,276	390	1,574
Sales.....tons...	407	140	1,071	227	100	123	...	662
Lespedeza cut for hay.....farms reporting...	...	...	...	1	3	1	...	...
acres...	...	...	...	70	81	10	...	...
tons...	...	...	...	105	86	20	...	...
Sales.....tons...	...	...	...	105	...	...	...	...
Vetch or peas, alone or mixed with oats or other grains, cut for hay.....farms reporting...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...
tons...	...	...	...	...	...	...	...	...
Sales.....tons...	...	...	...	...	...	...	...	...
Oats, wheat, barley, rye, or other small grains cut for hay.....farms reporting...	5	8	2	1	8	24	1	1
acres...	155	275	105	25	387	882	12	80
tons...	400	374	208	60	433	1,696	20	200
Sales.....tons...	10	43	...	...	...	...	...	...
Wild hay cut.....farms reporting...	...	...	...	...	...	...	...	1
acres...	...	...	...	...	...	...	...	80
tons...	...	...	...	...	...	...	...	160
Sales.....tons...	...	...	...	...	...	...	...	...
Other hay cut.....farms reporting...	21	6	11	4	5	9	1	...
acres...	1,667	275	886	57	197	435	30	...
tons...	2,390	486	2,082	95	225	621	100	...
Sales.....tons...	418	236	600	...	...	...	...	...
Grass silage made from grasses, alfalfa, clover, or small grains.....farms reporting...	25	13	16	26	22	76	11	16
acres...	957	732	2,850	1,919	1,527	4,279	1,012	671
tons, green weight...	7,104	4,507	16,177	11,295	12,725	27,114	6,170	4,207
Irish potatoes harvested for home use or for sale.....farms reporting...	54	11	18	25	17	14	14	49
acres <sup>15</sup> ...	12,384	1,402	1,944	3,063	12,159	340	2,036	15,425
bushels...	4,487,697	620,452	774,894	1,012,789	1,619,571	101,727	715,210	5,148,683
Vegetables harvested for sale.....farms reporting...	87	46	33	40	18	45	28	42
Sales.....dollars...	7,265,167	6,727,490	1,833,883	3,267,162	554,904	4,060,767	1,570,985	3,472,324
Land in bearing and nonbearing fruit orchards, groves, vineyards, and planted nut trees <sup>17</sup> .....farms reporting...	53	46	52	9	8	19	23	15
acres...	9,042	8,574	17,026	535	2,059	1,958	6,840	3,169

See footnotes at end of table.

## LARGE-SCALE FARMING

Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	West North Central						
	Minnesota	Iowa	Missouri	North Dakota	South Dakota	Nebraska	Kansas
SPECIFIED CROPS HARVESTED—Continued							
Hay crops: <sup>14</sup>							
Land from which hay was cut.....acres...	11,698	46,395	22,306	25,284	76,358	429,906	47,693
Alfalfa and alfalfa mixtures cut for hay and for dehydrating.....farms reporting...	108	431	126	60	123	430	261
acres...	7,133	28,321	9,081	11,195	31,713	64,007	20,371
tons...	18,029	83,908	31,259	15,698	31,520	187,148	59,879
Sales.....tons...	3,665	7,173	9,639	925	852	74,574	7,723
Coastal Bermadagrass cut for hay.....farms reporting...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...
tons...	...	...	...	...	...	...	...
Sales.....tons...	...	...	...	...	...	...	...
Clover, timothy, and mixtures of clover and grasses cut for hay.....farms reporting...	18	116	64	3	5	29	12
acres...	1,460	7,182	7,942	383	690	10,894	458
tons...	2,524	17,496	12,771	900	785	12,512	779
Sales.....tons...	854	...	90	150	...	80	30
Lespedeza cut for hay.....farms reporting...	...	...	14	...	...	...	1
acres...	...	...	1,081	...	...	...	40
tons...	...	...	1,657	...	...	...	60
Sales.....tons...	...	...	...	...	...	...	...
Vetch or peas, alone or mixed with oats or other grains, cut for hay.....farms reporting...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...
tons...	...	...	...	...	...	...	...
Sales.....tons...	...	...	...	...	...	...	...
Oats, wheat, barley, rye, or other small grains cut for hay.....farms reporting...	10	29	18	17	28	50	32
acres...	295	802	850	3,713	2,243	2,581	1,522
tons...	533	1,634	1,068	3,210	2,136	3,387	1,744
Sales.....tons...	...	...	...	...	25	240	...
Wild hay cut.....farms reporting...	17	...	11	24	62	196	118
acres...	1,393	...	1,600	8,120	40,990	345,341	23,083
tons...	1,586	...	1,730	6,403	21,636	302,954	26,726
Sales.....tons...	...	...	...	200	510	1,462	7,678
Other hay cut.....farms reporting...	6	24	15	16	7	23	29
acres...	291	1,013	1,147	1,848	540	3,195	945
tons...	347	1,869	1,746	1,508	510	3,995	1,282
Sales.....tons...	30	...	100	120	...	84	...
Grass silage made from grasses, alfalfa, clover, or small grains.....farms reporting...	21	144	12	1	4	67	18
acres...	1,126	9,077	605	25	182	3,888	1,274
tons, green weight...	5,832	59,435	3,840	250	701	24,411	5,226
Irish potatoes harvested for home use or for sale.....farms reporting...	49	36	15	62	7	25	17
acres <sup>15</sup> ...	19,640	854	110	24,573	1,534	670	21
busheis...	5,021,038	338,662	36,858	5,675,459	196,660	259,292	8,232
Vegetables harvested for sale.....farms reporting...	34	8	11	2	1	4	4
Sales.....dollars...	2,037,871	227,408	797,950	25,200	420	7,970	134,100
Land in bearing and nonbearing fruit orchards, groves, vineyards, and planted nut trees <sup>17</sup> .....farms reporting...	12	27	11	5	1	10	5
acres...	52	80	353	2	1	13	69

See footnotes at end of table.

# LARGE-SCALE FARMING

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Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	South Atlantic							
	Delaware	Maryland	Virginia	West Virginia	North Carolina	South Carolina	Georgia	Florida
SPECIFIED CROPS HARVESTED—Continued								
Hay crops: <sup>14</sup>								
Land from which hay was cut.....acres...	322	5,945	21,883	2,325	7,825	6,746	18,933	19,301
Alfalfa and alfalfa mixtures cut for hay and for dehydrating.....farms reporting...	3	21	94	22	11	5	20	...
acres...	34	2,530	7,877	1,147	2,732	226	774	...
tons...	105	8,406	24,201	3,236	8,155	813	2,206	...
Sales.....tons...	50	360	411	325	6,025	197	10	...
Coastal Bermudagrass cut for hay.....farms reporting...	...	...	...	...	...	29	79	...
acres...	...	...	...	...	...	3,582	10,421	...
tons...	...	...	...	...	...	9,876	20,098	...
Sales.....tons...	...	...	...	...	...	230	1,823	...
Clover, timothy, and mixtures of clover and grasses cut for hay.....farms reporting...	8	24	62	9	17	...	...	...
acres...	200	2,425	5,543	506	1,600	...	...	...
tons...	247	3,604	9,391	883	2,377	...	...	...
Sales.....tons...	...	456	350	180	150	...	...	...
Lespedeza cut for hay.....farms reporting...	2	5	22	1	23	15	32	...
acres...	33	105	1,847	40	1,117	933	1,693	...
tons...	50	263	2,980	15	1,799	1,352	2,645	...
Sales.....tons...	...	...	...	...	...	104	221	...
Vetch or peas, alone or mixed with oats or other grains, cut for hay.....farms reporting...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...
tons...	...	...	...	...	...	...	...	...
Sales.....tons...	...	...	...	...	...	...	...	...
Oats, wheat, barley, rye, or other small grains cut for hay.....farms reporting...	2	1	25	3	13	25	32	...
acres...	40	21	1,388	28	1,458	1,327	1,846	...
tons...	59	21	2,420	41	1,670	1,851	2,836	...
Sales.....tons...	9	...	...	...	...	5	...	...
Wild hay cut.....farms reporting...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...
tons...	...	...	...	...	...	...	...	...
Sales.....tons...	...	...	...	...	...	...	...	...
Other hay cut.....farms reporting...	2	10	30	7	11	8	48	154
acres...	15	488	3,195	208	147	628	3,913	16,664
tons...	19	907	4,579	384	210	610	4,121	33,609
Sales.....tons...	...	...	50	10	4	30	285	3,874
Grass silage made from grasses, alfalfa, clover, or small grains.....farms reporting...	...	5	28	5	7	1	2	24
acres...	...	376	2,033	396	771	50	286	2,637
tons, green weight...	...	2,680	13,560	3,456	5,365	500	2,680	19,380
Irish potatoes harvested for home use or for sale.....farms reporting...	13	5	75	11	33	9	8	48
acres <sup>15</sup> ...	2,540	455	6,621	5	3,948	1,290	7	13,916
bushels...	962,106	133,851	1,483,381	596	740,035	210,926	414	3,110,506
Vegetables harvested for sale.....farms reporting...	26	29	38	2	16	34	31	207
Sales.....dollars...	1,839,350	1,624,259	3,758,447	1,800	430,959	3,536,821	137,040	60,363,435
Land in bearing and nonbearing fruit orchards, groves, vineyards, and planted nut trees <sup>17</sup> .....farms reporting...	4	8	49	34	19	37	120	599
acres...	564	4,884	15,936	14,226	3,339	7,837	28,630	181,027

See footnotes at end of table.

## LARGE-SCALE FARMING

Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	East South Central				West South Central			
	Kentucky	Tennessee	Alabama	Mississippi	Arkansas	Louisiana	Oklahoma	Texas
SPECIFIED CROPS HARVESTED—Continued								
Hay crops: <sup>14</sup>								
Land from which hay was cut.....acres...	13,606	7,604	21,363	35,781	41,701	29,449	35,031	83,930
Alfalfa and alfalfa mixtures cut for hay and for dehydrating.....farms reporting...	46	27	18	39	71	18	65	197
acres...	3,617	1,728	814	1,564	6,530	1,833	7,957	20,504
tons...	9,661	4,689	2,589	5,257	20,829	5,720	15,808	60,295
Sales.....tons...	60	1,618	600	225	13,838	3,255	1,165	26,776
Coastal Bermudagrass cut for hay.....farms reporting...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...
tons...	...	...	...	...	...	...	...	...
Sales.....tons...	...	...	...	...	...	...	...	...
Clover, timothy, and mixtures of clover and grasses cut for hay.....farms reporting...	36	21	16	29	9	29	...	27
acres...	4,510	2,752	1,916	3,586	1,192	3,332	...	3,573
tons...	7,997	5,333	2,745	5,366	1,409	6,146	...	5,456
Sales.....tons...	800	400	600	422	...	545	...	2,350
Lespedeza cut for hay.....farms reporting...	17	25	16	134	107	21	7	...
acres...	877	2,141	1,627	10,614	10,139	2,828	1,310	...
tons...	1,415	3,654	1,411	17,480	16,376	2,913	1,950	...
Sales.....tons...	...	55	30	636	1,127	167	...	...
Vetch or peas, alone or mixed with oats or other grains, cut for hay.....farms reporting...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...
tons...	...	...	...	...	...	...	...	...
Sales.....tons...	...	...	...	...	...	...	...	...
Oats, wheat, barley, rye, or other small grains cut for hay.....farms reporting...	6	6	26	20	16	10	24	50
acres...	180	160	2,180	1,206	1,680	1,089	3,386	7,387
tons...	280	352	2,792	1,160	1,388	1,749	3,486	6,978
Sales.....tons...	...	...	10	431	60	...	...	110
Wild hay cut.....farms reporting...	...	...	...	...	11	...	77	80
acres...	...	...	...	...	1,587	...	18,910	18,234
tons...	...	...	...	...	1,474	...	21,717	31,642
Sales.....tons...	...	...	...	...	200	...	3,035	1,051
Other hay cut.....farms reporting...	18	10	56	152	48	101	22	229
acres...	3,043	555	13,138	18,811	20,473	18,332	3,468	33,782
tons...	3,204	820	21,977	34,107	20,331	29,894	5,281	50,256
Sales.....tons...	340	...	350	1,469	11,012	775	...	2,959
Grass silage made from grasses, alfalfa, clover, or small grains.....farms reporting...	8	2	7	...	1	5	...	1
acres...	1,379	268	1,688	...	100	2,035	...	450
tons, green weight...	3,530	1,590	6,232	...	500	14,750	...	5,000
Irish potatoes harvested for home use or for sale.....farms reporting...	9	11	19	18	17	6	8	48
acres <sup>15</sup> ...	(2)	252	2,736	7	19	12	71	4,965
bushels...	100	96,537	627,531	748	3,382	579	11,120	2,285,660
Vegetables harvested for sale.....farms reporting...	1	5	8	11	19	6	4	267
Sales.....dollars...	250	716,139	191,081	8,957	378,406	12,030	196,330	12,691,427
Land in bearing and nonbearing fruit orchards, groves, vineyards, and planted nut trees <sup>17</sup> .....farms reporting...	9	7	44	175	84	51	16	180
acres...	568	63	2,030	14,476	3,700	11,108	632	17,565

See footnotes at end of table.

# LARGE-SCALE FARMING

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Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	Mountain							
	Montana	Idaho	Wyoming	Colorado	New Mexico	Arizona	Utah	Nevada
SPECIFIED CROPS HARVESTED—Continued								
Hay crops: <sup>14</sup>								
Land from which hay was cut.....acres...	207,353	55,959	128,160	101,332	27,119	101,613	21,916	86,487
Alfalfa and alfalfa mixtures cut for hay and for dehydrating.....farms reporting...	151	181	86	279	103	330	67	65
acres...	69,154	38,144	44,332	30,845	23,883	95,290	13,573	28,206
tons...	125,475	118,304	80,128	87,164	112,394	455,013	43,036	84,299
Sales.....tons...	10,714	24,537	2,830	21,832	53,337	284,264	8,062	13,920
Coastal Bermudagrass cut for hay.....farms reporting...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...
tons...	...	...	...	...	...	...	...	...
Sales.....tons...	...	...	...	...	...	...	...	...
Clover, timothy, and mixtures of clover and grasses cut for hay.....farms reporting...	45	27	18	32	2	...	8	18
acres...	30,319	4,155	8,079	11,057	300	...	5,719	16,074
tons...	38,125	5,598	11,645	14,281	443	...	7,621	11,704
Sales.....tons...	4,989	334	500	1,110	...	...	...	60
Lespedeza cut for hay.....farms reporting...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...
tons...	...	...	...	...	...	...	...	...
Sales.....tons...	...	...	...	...	...	...	...	...
Vetch or peas, alone or mixed with oats or other grains, cut for hay.....farms reporting...	...	...	...	...	...	...	...	...
acres...	...	...	...	...	...	...	...	...
tons...	...	...	...	...	...	...	...	...
Sales.....tons...	...	...	...	...	...	...	...	...
Oats, wheat, barley, rye, or other small grains cut for hay.....farms reporting...	36	13	17	33	10	28	8	17
acres...	4,419	617	1,493	2,208	946	2,448	509	1,788
tons...	6,103	1,037	1,742	3,279	963	4,458	1,099	2,386
Sales.....tons...	102	160	...	60	150	842	...	1,320
Wild hay cut.....farms reporting...	81	13	62	47	10	4	9	38
acres...	98,950	12,515	63,555	55,407	1,460	95	2,050	38,975
tons...	93,772	14,770	57,741	43,557	1,846	80	2,305	30,816
Sales.....tons...	1,125	...	3,000	30	...	...	...	2,000
Other hay cut.....farms reporting...	20	4	21	17	2	20	1	6
acres...	2,957	448	10,640	1,576	530	2,268	25	1,444
tons...	3,291	595	15,802	2,491	632	4,363	75	697
Sales.....tons...	...	...	900	33	...	650	...	105
Grass silage made from grasses, alfalfa, clover, or small grains.....farms reporting...	7	2	1	4	...	13	1	...
acres...	1,554	80	61	239	...	1,512	40	...
tons, green weight...	10,480	800	815	1,225	...	16,206	560	...
Irish potatoes harvested for home use or for sale.....farms reporting...	16	110	7	67	2	41	10	5
acres <sup>15</sup> ...	855	29,435	363	4,488	(16)	165,897	978	34
bushels...	261,530	10,977,072	87,040	1,704,888	(16)	162,394,565	422,892	19,038
Vegetables harvested for sale.....farms reporting...	2	17	...	42	20	127	9	4
Sales.....dollars...	5,540	461,749	...	3,326,485	1,005,948	36,678,846	26,333	94,960
Land in bearing and nonbearing fruit orchards, groves, vineyards, and planted nut trees <sup>17</sup> .....farms reporting...	2	12	3	5	22	105	6	13
acres...	6	946	12	210	4,038	14,192	17	15

See footnotes at end of table.

## LARGE-SCALE FARMING

Table 6.—FARMS AND FARM CHARACTERISTICS FOR FARMS WITH A VALUE OF FARM PRODUCTS SOLD OF \$100,000 OR MORE, BY STATES: CENSUS OF 1959—Continued

Item	Pacific				
	Washington	Oregon	California	Alaska	Hawaii
SPECIFIED CROPS HARVESTED—Continued					
Hay crops: <sup>14</sup>					
Land from which hay was cut.....acres...	133,133	135,009	555,323	(1)	1,812
Alfalfa and alfalfa mixtures cut for hay and for dehydrating.....farms reporting...	136	152	1,615	...	...
acres...	15,848	28,287	423,479	...	...
tons...	59,289	81,307	2,458,732	...	...
Sales.....tons...	18,584	18,980	1,873,500	...	...
Coastal Bermudagrass cut for hay.....farms reporting...	...	...	...	...	...
acres...	...	...	...	...	...
tons...	...	...	...	...	...
Sales.....tons...	...	...	...	...	...
Clover, timothy, and mixtures of clover and grasses cut for hay.....farms reporting...	31	40	129	...	...
acres...	2,660	8,174	26,956	...	...
tons...	5,830	13,617	51,744	...	...
Sales.....tons...	502	701	15,759	...	...
Lespedeza cut for hay.....farms reporting...	...	...	...	...	...
acres...	...	...	...	...	...
tons...	...	...	...	...	...
Sales.....tons...	...	...	...	...	...
Vetch or peas, alone or mixed with oats or other grains, cut for hay.....farms reporting...	5	17	...	...	...
acres...	1,906	851	...	...	...
tons...	1,154	2,304	...	...	...
Sales.....tons...	600	2	...	...	...
Oats, wheat, barley, rye, or other small grains cut for hay.....farms reporting...	37	73	521	...	...
acres...	3,086	6,822	62,903	...	...
tons...	5,124	9,891	114,130	...	...
Sales.....tons...	303	525	28,136	...	...
Wild hay cut.....farms reporting...	8	53	51	...	...
acres...	3,749	82,744	27,262	...	...
tons...	5,760	84,395	29,086	...	...
Sales.....tons...	...	1,376	2,051	...	...
Other hay cut.....farms reporting...	15	19	88	2	...
acres...	11,213	5,051	12,568	(1)	...
tons...	12,386	7,540	20,570	(1)	...
Sales.....tons...	1282	340	5,097	(1)	...
Grass silage made from grasses, alfalfa, clover, or small grains.....farms reporting...	28	18	23	2	23
acres...	14,871	3,080	2,155	(1)	1,812
tons, green weight...	142,724	17,658	24,722	(1)	12,095
Irish potatoes harvested for home use or for sale.....farms reporting...	41	50	367	2	1
acres...	16,416	6,672	67,716	(1)	4
bushels...	13,533,195	2,829,593	30,871,402	(1)	432
Vegetables harvested for sale.....farms reporting...	70	63	1,134	...	2
Sales.....dollars...	6,303,375	5,541,045	200,070,691	...	50,673
Land in bearing and nonbearing fruit orchards, groves, vineyards, and planted nut trees <sup>17</sup> .....farms reporting...	70	49	1,570	NA	23
acres...	13,999	7,156	287,823	NA	2,681

NA Not available. D Data not shown to avoid disclosure of information for individual operations. Z Reported in small fractions. <sup>1</sup>Data for Alaska included in Washington to avoid disclosure of individual operations. <sup>2</sup>Includes farms reporting line only except for Alaska and Hawaii. <sup>3</sup>Value of vegetables sold in New Hampshire included in Vermont to avoid disclosure of individual operations. <sup>4</sup>Value of broilers sold and value of dairy products sold not included to avoid disclosure of individual operations. <sup>5</sup>Includes value of dairy products sold in New Hampshire and excludes value of broilers sold to avoid disclosure of individual operations. <sup>6</sup>Value of broilers sold not included to avoid disclosure of individual operations. <sup>7</sup>Value of dairy products sold in New Hampshire included in Vermont to avoid disclosure of individual operations. <sup>8</sup>Does not include farms reporting cream only. <sup>9</sup>Includes milk equivalent of cream and butterfat sold. <sup>10</sup>Data for Rhode Island included in Connecticut to avoid disclosure of individual operations. <sup>11</sup>Data for Kentucky included in Tennessee to avoid disclosure of individual operations. <sup>12</sup>Data for Arizona included in Utah to avoid disclosure of individual operations. <sup>13</sup>Data for Hawaii included in California to avoid disclosure of individual operations. <sup>14</sup>Data are for each kind of hay in States for which a separate inquiry was carried on the questionnaire; data included with "Other hay cut" where there was no separate inquiry. <sup>15</sup>Does not include acreage for farms with less than 20 bushels harvested. <sup>16</sup>Data for New Mexico included in Arizona to avoid disclosure of individual operations. <sup>17</sup>Does not include data for farms with less than 20 trees or grapevines.