

CHAPTER IX
VALUE OF FARM PRODUCTS

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Chapter IX.—VALUE OF FARM PRODUCTS

Introduction.—This chapter presents available statistics for the value of sales and the value of production of farm products based on data collected in the 1959 Census of Agriculture. For comparative purposes, some data for sales and value of production are presented for the censuses of 1954 and 1950. The value figures published in this chapter provide a basis for analyzing and evaluating the relative agricultural importance of a specific crop or livestock item or of a particular area of the United States. They present the status as of a given time and, to the extent that historical data are available, they afford a basis for appraising the changes which have taken place over a period of time.

The sales data compiled in the censuses of agriculture do not represent gross farm income. The term "value of sales," as used in this chapter, represents gross sales. Many of these data were obtained by multiplying quantity harvested for sale (production for some crops), or quantity sold, by a State average unit price furnished by the U.S. Department of Agriculture; some represent the total dollar value of sales as reported by the farm operator.

There are several reasons why census value of sales data do not correspond to total cash receipts by farm operators. Government payments for rentals and benefits, soil conservation, price adjustment, price parity, Sugar Act, and production programs are not included in the census data for value of sales. For 1959, cash receipts are not included for several items such as farm sales of butter, buttermilk, cheese, skim milk, goat milk, bees, honey, wax, home butchered meat, hides, pelts, rabbits, fur animals, corn fodder, sorghum forage and silage, grain straw, and the rental of pasture. (For Hawaii only, the amount of honey sold and any meat sold from animals slaughtered on farms were included in the value of sales.)

Value of sales includes the value of crops and livestock sold from a farm regardless of who did the selling and regardless of who shared in the receipts. On a tenant-operated farm, the landlord's share of the receipts is included as well as the estimated value of crops or livestock given to the landlord as payment for rent or service.

Sales data provide measures of the total movement of agricultural products from farms and ranches. They include not only the landlord's share of crops and livestock sold or to be sold but also his share taken to his own farm for use there. Sales of crops grown on a contract basis, livestock fed on a contract basis, and poultry raised under contract with feed dealers or others are included as sales from the farm. Thus, the total value of sales, as shown in this chapter, was intended to represent a gross sales figure for all farms.

The data given represent either value of sales or value of production regardless of whether or not the farm operator made a profit. The data do not represent net returns.

For dairy products, the gross sales value was to be reported. Enumerators were required to explain to respondents that the value is the amount shown on the statement before the creamery, milk plant, or dealer deducted handling and hauling charges and cost of supplies.

The gross value of vegetables sold referred to total receipts without regard to the farm operator's production or marketing costs. Enumerators were also instructed to make sure the operator included the gross value of vegetables grown under contract to canners, freezers, or other processors. Farm operators were not to deduct the cost of seed, fertilizers, or other materials furnished by the processors, etc.

The State average prices used in computing value of sales were obtained by the Agricultural Marketing Service of the U.S. Department of Agriculture. The prices are based on reports provided by a sample of farmers and dealers. The average prices were calculated separately for each State.

The statistics are presented for the United States, including Alaska and Hawaii; for the conterminous United States; 3 major regions; 9 geographic divisions; and for each of the 50 States. An outline map showing the regions, geographic divisions, and the States for which data are presented appears in the Introduction of this volume.

Other Published Data.—Values of sales and of production, and the number of farms reporting various items of sales and production, are available in other chapters of this volume and in other published reports for the 1959 Census of Agriculture. Available data are shown in chapter VI for livestock and livestock products; in chapter VII for field-crop and vegetable items; and in chapter VIII for fruits and nuts, horticultural specialties, and forest products.

A limited amount of data for the quantity and for the value of farm products sold is given by various classifications of farms in this volume in chapter X for commercial farms by tenure of operator; in chapter XI for farms classified by economic class; and in chapter XII for commercial farms by type of farm.

Detailed statistics on the value of farm products sold by counties are presented in county tables 5, 9, 10, 11, and 12 of volume I of the reports for the 1959 Census of Agriculture. Data on the quantity and value of various products sold in each State are given in State tables 7, 8, 9, and 13 and data on the value of livestock on farms, in State table 6 of volume I of the reports of the 1959 Census of Agriculture.

The statistics presented for the value of production and for the quantity and value of sales for all crops, forest products, and poultry and poultry products represent totals obtained by adding the data for all farms. The statistics on the sale of dairy products and livestock sold alive represent estimates made on the basis of data tabulated for a sample of approximately 20 percent of the farms. (See page XVIII of the Introduction to this volume for a description of this sample.) Statistics presented in chapters X, XI, and XII for the quantity harvested and the value of sales represent estimates based on the tabulation of data for only a sample of farms. These estimates will differ somewhat from the totals given in this chapter because, for reasons of economy, estimates based on the sample were not adjusted to totals for all farms. (See page XIX of the Introduction to this volume.)

DEFINITIONS AND EXPLANATIONS

For definitions having general application, such as those for "a farm," "farms reporting," the classification of farms, etc., see the Introduction to this volume.

Period of Time Covered.—Except for vegetable and potato crops in south Florida, and citrus fruits, olives, and avocados, data for both value of sales and value of production for the 1959 census relate to the crop year 1959. For citrus fruits, the data relate to the crop harvested from the bloom of 1958 for the 1958-59 marketing season. Data for olives relate to the crop harvested in 1959 for all States except California and Arizona. In those two States, the olives harvested from the bloom of 1958 during the 1958-59 harvest season (September 15, 1958, to February 28, 1959) were to be reported. In the case of avocados, the data for California relate to the quantity harvested from the bloom of 1958 for the marketing season that extended from October 1, 1958, to September 30, 1959; the data for Florida were to relate to the crop harvested for the marketing season that extended from July 1, 1959, to February 28, 1960. In south Florida, the data for vegetables and potato crops relate to a full year beginning on October 1, 1958, and ending September 30, 1959.

Since the census was taken in the fall of 1959, the market movement for many of the crops had not been completed at the time of the enumeration. In the wheat-producing areas, several months had elapsed since harvest. For corn, soybeans, and several other crops, the harvest was still in progress when the enumeration was beginning. It was stressed, by questionnaire notes and instructions to the enumerator, that the sales should include both the quantities that had been sold and those that would be sold regardless of date of sale.

Data for sales of livestock and poultry and their products are for the 1959 calendar year. For most of the livestock and poultry items, only sales were obtained as no questions on production were asked. For many livestock products, such as milk, cream, and eggs, sales take place almost immediately after production. For other products, such as wool and mohair, the sale may be delayed for some time after production. The sales data shown in the tables of this chapter generally represent the values as reported by farm operators for the calendar year 1959 and were to include the estimated amounts that would be sold by December 31, 1959.

Checking During Office Processing on Quantity and Value of Farm Products Sold.—A check was made for each farm product sold to insure that the quantity and value of sales were consistent with production or inventory and reasonable in relation to other data reported on the individual agriculture questionnaires.

Crops.—For a number of crops, the checking of individual questionnaires was limited to ascertaining that the quantity harvested was reasonable, as it was assumed that all or nearly all of the crop harvested was sold. Crops for which it was assumed that the entire quantity harvested was sold included cotton, tobacco, sugar beets for sugar, sugarcane for sugar, hops, all berries and small fruits, and nursery and greenhouse products. The sale of these products totaled \$4,353 million and equaled 32.4 percent of the value of all crops sold and 14.3 percent of the value of all farm products sold.

For the following crops, it was assumed that nearly all the crop was sold and no checking of the quantity sold was required for individual questionnaires: All tree fruits, nuts and grapes, Irish potatoes, sweetpotatoes, dry field and seed beans, dry field and seed peas, dry lima beans, maple sirup, and all field seed crops. Crop disposition estimates made by the Agricultural Marketing Service of the U.S. Department of Agriculture were used to calculate the value of sales for this group of crops.

Of the quantity of these crops harvested in 1959 in the United States, the following percentages were sold:

Crop	Quantity sold as a percent of quantity harvested
All tree fruits, nuts, and grapes.....	99.3
Irish potatoes.....	86.5
Sweetpotatoes.....	53.6
Dry field and seed beans.....	98.4
Dry field and seed peas.....	96.5
Dry lima beans.....	97.9
Maple sirup.....	93.2
All field seed crops.....	88.8

The estimated value of sales of these crops was \$2,014 million and represented 6.6 percent of all crops sold.

For vegetables harvested for sale, farm operators and enumerators were asked to report the value of all vegetables sold. The office verification consisted of a technical review to assure that reasonable values were reported for the acreages of the various vegetables harvested.

For corn, sorghums, small grains and hays, farm operators were asked to report the quantity sold or to be sold. Most of the crops in this group are grown both for feed and seed on the farm and for sale. For grain crops usually sold (wheat, rye, buckwheat, rice, and flaxseed), a check was made to see that the quantity sold was reported if the quantity harvested totaled 100 bushels or more. If a quantity sold was not reported, the quantity sold was estimated by subtracting from the bushels harvested two times (2 bushels per acre for seed) the acres harvested. If the quantity harvested was 1,000 bushels or more for wheat or 100 bushels or more for rye, buckwheat, rice, or flaxseed, a check was made to see that the quantity sold was equal to approximately the quantity harvested minus two times the acres harvested. The quantity sold was changed if the change in the quantity sold would be as much as 100 bushels.

A comparison of the number of farms reporting quantity harvested and the number of farms reporting quantity sold for these crops were as follows:

NUMBER OF FARMS REPORTING QUANTITY HARVESTED AND QUANTITY SOLD OF SPECIFIED FIELD CROPS, FOR THE UNITED STATES: 1959

Crop	Unit	Farms reporting quantity harvested		Farms reporting quantity sold	
		Total	Under 100 bushels	Number	Percent of farms reporting quantity harvested
Rye.....	Bushels.....	67,210	23,943	39,643	59.0
Buckwheat.....	Bushels.....	7,067	3,813	2,891	40.9
Rice.....	Bushels.....	10,445	NA	10,414	99.7
Flaxseed.....	Bushels.....	48,510	9,831	45,358	93.5

NA Not available.

Corn, grain sorghums, oats, and barley are feed grains, a large part of which are fed on the farm on which harvested. If there were reports of 200 bushels or more of these feed grains and none were reported sold and there were no livestock or poultry on the farm, the entire quantity harvested was (after making an allowance for seed for oats and barley) considered as sold.

If there were 200 bushels or more for any of these feed grains harvested and none of the crop was reported sold, and if there were livestock or poultry on the farm, the questionnaire was reviewed by a member of the technical staff to determine how much (if any) of these feeds should be considered as sold. In determining whether the quantity reported as sold was reasonable

and how much should be sold, the technical staff made the following allowances for use of feed grains (corn, sorghums, oats, and barley) on the farm on which produced:

Kind of livestock	Bushels
Cow or calf, on hand or sold.....	30
Cattle on hand, each.....	45
Horse or mule, on hand or sold.....	30
3 hogs or pigs, on hand or sold.....	30
10 sheep or lambs, on hand or sold.....	30
10 goats or kids, on hand or sold.....	30
100 poultry, on hand, raised, or sold.....	30

Livestock and Livestock Products.—The checking of information on the sale of livestock and livestock products was performed only on the questionnaires for the farms in the sample. (See page XVIII of the Introduction for a description of the sample.) The checking was of two types—(a) for reasonable average prices and (b) to see that sales were reported. The checking of average prices was limited to milk, cattle, and calves. To determine whether the average price was reasonable, the average price reported for milk and milk products sold was checked to make certain that it was within the following accepted limits:

Product	Accepted limits for average price per unit
Milk sold by the hundredweight.....	\$1 and \$10 per hundredweight.
Milk sold by the gallon.....	\$0.10 and \$1.00 per gallon.
Milk sold by butterfat content.....	\$0.10 and \$1.00 per pound of butterfat.
Cream sold by the pound.....	\$0.10 and \$2.00 per pound of butterfat.
Calves	\$1 and \$100 per head (\$1 and \$150 if the number of milk cows was less than 10 percent of total cows on the farm).
Cattle	\$10 and \$1,000 per head.

Checking to see that sales were reported consisted of selecting questionnaires where no cattle or calves were reported as sold when there were 10 or more cattle or 5 or more cows on hand and agricultural questionnaires with no milk or dairy products reported as sold when there were 5 or more milk cows on the farm. Agriculture questionnaires with average prices outside the accepted limits and agriculture questionnaires selected because of no sales were referred to the technical staff for decision as to what correction, if any, should be made.

Livestock Sold Alive.—The data for value of animals sold alive in 1959 are estimates based on reports for sample farms only. Corresponding data for 1954 were obtained for all farms. For 1959, the dollar value of sales was obtained from the farm operator for cattle, calves, horses, and mules. Average value per head for other livestock sold was obtained from the U.S. Department of Agriculture. In the 1959 census, respondents 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 was designed to assure more complete coverage of all livestock sales made during the year. In the 1954 census, only totals for the entire year were obtained although instructions were included on the agriculture questionnaire to report animals to be sold between the date of enumeration and the end of the year.

Poultry Sold.—For both the 1959 and 1954 censuses, sales of chickens were obtained for two groups: (1) broilers and (2) other chickens. The questionnaire contained an instruction that all broilers grown for others under contract were to be reported as sold. During office processing operations, the reported data

were carefully examined for the inventories and the sales of chickens four months old and over, chicken eggs sold, and broilers sold.

Questions relating to poultry other than chickens (and broilers) were generally the same in 1959 as in 1954. In the 1959 census, however, only total numbers were obtained for turkeys and turkey fryers raised and for turkey hens kept for breeding, whereas the 1954 questionnaire asked for a breakdown between light and heavy breeds. Also, for poultry other than chickens and turkeys, the 1959 census obtained the number sold whereas the 1954 census obtained the number raised.

Milk Sold.—Data for whole milk and cream sold relate to the entire year 1959 and are estimates based on reports obtained for farms in the sample. All milk and cream sold from the farm (except quantities purchased from some other place and then resold) were to be included, regardless of who shared the receipts. The questionnaire provided three alternative units of measure for reporting the quantity of milk sold—pounds of milk, gallons of milk, and pounds of butterfat. The respondent was thus permitted to report quantity according to the unit of measure in which payment was received. In some cases the value of dairy products sold as reported by farm operators may represent the net amount received after the deduction of hauling and other marketing costs.

Government Payments and Loans.—The income from Government payments is not included in either value of production or the value of sales. Crops such as corn, wheat, and cotton that had been sealed and placed under Government loan were to be reported as sold.

Value of Sales and Production for Farms With New Operators.—Data for both quantity harvested and sales were to relate to the farm, not to the operator. When a farm operator left a farm during 1959, and disposed of his crops and livestock before the date of enumeration, information regarding production and sales was usually obtained from the new operator. The new farm operator could usually ascertain the kinds and acreages of crops that had been harvested. The new operator may or may not have had adequate information regarding the sale of livestock and livestock products. Only 1.3 percent of the farms in 1959 was operated by farm operators moving to their farms on or after May 1, 1959.

The products consumed by inmates or residents of institutional farms were to be considered as sold.

The quantities sold and the value of sales represent totals of the quantities sold and sales for individual farms. Such totals include quantities sold and value of sales from one farm operator to another as well as sales to dealers, processors, and others.

Farm Products Purchased for Resale.—The instructions to enumerators stated that items purchased for resale were not to be included in the value of sales.

Sales of animals were to be included only when the animal had been on the farm or ranch or in the feedlot for 30 or more days. In processing the questionnaires, the sales figures for feedlots and apparent livestock dealers were compared with the number of livestock on hand. When there was any question as to whether or not the reported sales were correct, letters were written to determine the correct figures or to verify reported data.

Gross Income of Farm Operators.—Value of sales, as computed from the census of agriculture, do not represent gross income of farm operators. The principal omissions in respect to gross income of farm operators and their families are: (a) farm sales of minor items such as butter, cheese, skim milk, bees, honey (except for Hawaii), fodder, silage, grain straw, pasture rental, and fur animals; (b) income received from nonfarm sources such as off-farm work, interest on investments, social security, old-age

GENERAL REPORT

Table 1.—VALUE OF ALL FARM PRODUCTS SOLD, BY SOURCE; FOR THE UNITED STATES: 1959 AND 1954

[Percent not shown when more than 1,000.0]

Specified items	Value of sales		Percent of value of production		Percent of total		Percent 1959
	1959	1954	1959	1954	1959	1954	
All farm products sold, total.....	30,492,720,864	24,644,726,687	NA	NA	100.0	100.0	123.7
CROPS							
All crops sold, total.....	13,433,589,957	12,221,874,669	73.7	65.4	44.0	49.6	110.0
FIELD CROPS							
Field crops sold, total.....	10,492,816,225	9,925,109,624	65.2	60.6	34.4	40.3	105.7
Corn for grain.....	1,779,912,357	1,448,884,488	46.0	38.6	5.8	5.9	122.8
Sorghums for grain.....	332,537,784	224,720,686	75.8	79.7	1.1	0.9	148.0
Sorghum hay or dry forage.....	4,032,570	4,135,877	7.1	6.6	(2)	(2)	56.5
Sorghum for sirup.....	3,167,008	1,705,104	74.6	70.5	(2)	(2)	185.7
Small grains:							
All wheat.....	1,736,339,006	1,715,774,317	92.8	88.4	5.7	7.0	101.2
Oats.....	178,750,639	246,301,572	28.0	26.6	0.6	1.0	72.6
Barley.....	240,504,378	258,865,469	70.1	67.4	0.8	1.1	92.9
Rye.....	17,050,273	17,962,038	76.4	67.7	0.1	0.1	94.9
Flaxseed.....	52,773,808	94,516,356	88.4	87.5	0.2	0.4	55.8
Rice.....	245,475,056	290,688,639	98.4	98.1	0.8	1.2	84.4
Proso millet.....	1,553,033	1,071,052	56.4	41.0	(2)	(2)	145.0
Safflower.....	8,219,159	783,143	99.5	100.0	(2)	(2)	...
Other grains.....	9,032,183	36,090,655	34.2	42.9	(2)	0.1	25.0
Soybeans for beans and hay.....	982,065,828	779,080,190	95.5	92.7	3.2	3.2	126.1
Soybeans for beans.....	981,225,093	777,242,926	96.4	95.2	3.2	3.2	126.2
Cowpeas for dry peas and hay.....	3,535,013	2,099,606	43.1	20.5	(2)	(2)	168.4
Cowpeas for dry peas.....	3,334,675	1,713,887	55.8	32.2	(2)	(2)	194.6
Peanuts for nuts and hay.....	131,539,093	103,986,585	94.7	84.9	0.4	0.4	126.5
Peanuts harvested for nuts.....	131,063,079	101,975,490	97.0	94.7	0.4	0.4	128.5
Dry field and seed beans for beans.....	135,520,913	133,774,218	98.4	97.2	0.4	0.5	101.3
Dry field and seed peas for peas.....	19,543,017	16,432,580	96.5	97.6	0.1	0.1	118.9
Hay crops:							
Alfalfa and alfalfa mixtures.....	277,510,193	216,575,750	21.8	17.2	0.9	0.9	128.1
Coastal bermuda grass.....	1,021,950	NA	14.6	NA	(2)	NA	NA
Clover and timothy, and mixtures of clover and grasses.....	37,693,744	34,084,494	8.6	6.4	0.1	0.1	110.6
Lespedeza.....	4,638,006	4,244,510	5.8	5.0	(2)	(2)	109.3
Oats, wheat, barley, rye, or other small grains.....	6,686,104	6,833,113	9.3	5.8	(2)	(2)	97.8
Wild hay.....	13,011,357	11,020,242	9.1	7.4	(2)	(2)	118.1
All other hays.....	10,725,164	8,173,699	9.6	7.3	(2)	(2)	131.2
Field seeds:							
Alfalfa seed.....	30,158,779	48,489,844	95.8	92.9	0.1	0.2	62.2
Austrian winter peas.....	1,355,029	858,922	95.6	92.7	(2)	(2)	157.8
Bentgrass seed.....	1,431,422	1,667,348	100.0	95.0	(2)	(2)	85.9
Bluegrass seed.....	4,524,784	2,770,166	100.0	91.9	(2)	(2)	163.3
Canarygrass seed.....	1,148,677	91,033	99.9	91.2	(2)	(2)	...
Crimson clover seed.....	2,241,826	1,612,583	83.0	65.0	(2)	(2)	139.0
Fescue seed.....	8,868,276	6,438,431	95.9	87.1	(2)	(2)	137.7
Ladino clover seed.....	2,394,014	1,409,198	99.9	96.8	(2)	(2)	169.9
Lespedeza seed.....	6,139,658	11,385,950	67.7	66.5	(2)	(2)	53.9
Millet seed.....	1,378,033	256,770	97.8	82.2	(2)	(2)	536.7
Orchardgrass seed.....	2,278,364	1,415,313	91.9	76.9	(2)	(2)	161.0
Red clover seed.....	16,515,943	17,236,641	72.4	70.6	0.1	0.1	95.8
Redtop seed.....	1,564,623	1,497,150	93.6	81.7	(2)	(2)	104.5
Ryegrass seed.....	11,804,837	8,704,676	98.8	94.2	(2)	(2)	135.6
Sudangrass seed.....	1,426,396	2,805,035	96.9	89.9	(2)	(2)	50.9
Sweetclover seed.....	1,550,488	3,857,633	78.4	82.6	(2)	(2)	40.2
Timothy seed.....	4,580,026	5,711,249	87.9	86.7	(2)	(2)	80.2
Vetch seed.....	2,282,633	2,769,790	93.7	86.8	(2)	(2)	82.4
Wheatgrass seed.....	1,111,791	303,526	91.4	90.8	(2)	(2)	366.3
White clover seed.....	2,519,158	990,283	92.8	80.7	(2)	(2)	254.4
All other field seeds.....	8,324,214	7,187,026	91.5	84.5	(2)	(2)	115.8
Miscellaneous field crops:							
Broomcorn.....	7,267,420	9,898,316	100.0	100.0	(2)	(2)	73.4
Castor beans.....	1,521,110	780,123	99.9	100.0	(2)	(2)	195.0
Cotton (seed and lint).....	2,342,648,511	2,514,722,624	100.0	100.0	7.7	10.2	93.2
Hops.....	27,112,064	15,510,492	100.0	100.0	0.1	0.1	174.8
Irish potatoes.....	414,995,983	363,980,931	86.5	82.5	1.4	1.5	114.0
Lentils.....	2,341,096	648,332	100.0	98.7	(2)	(2)	361.1
Mint for oil.....	11,498,105	10,105,316	100.0	100.0	(2)	(2)	113.8
Pineapples (Hawaii only) ²	38,372,552	NA	100.0	NA	0.1	NA	NA
Popcorn.....	5,302,884	6,538,060	99.9	99.7	(2)	(2)	81.1
Sugar beets for sugar.....	187,339,907	152,323,346	100.0	100.0	0.6	0.6	123.0
Sugar-beet seed.....	1,285,862	1,216,791	96.8	100.0	(2)	(2)	105.7
Sugarcane for sugar.....	121,342,340	43,763,370	100.0	100.0	0.4	0.2	277.3
Sugarcane for sirup.....	3,487,919	2,493,530	90.7	59.5	(2)	(2)	139.9
Sweet corn for seed.....	1,230,664	1,746,237	100.0	99.9	(2)	(2)	70.5
Sweetpotatoes.....	28,789,314	36,181,663	53.6	53.0	0.1	0.1	79.6
Tobacco.....	947,626,032	973,965,420	100.0	100.0	3.1	4.0	97.3
All other field crops.....	4,217,855	2,972,123	0.6	0.4	(2)	(2)	141.9
VEGETABLES							
Vegetables sold, total.....	739,626,458	645,095,047	100.0	100.0	2.4	2.6	114.7

See footnotes at end of table.

VALUE OF FARM PRODUCTS

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Table 1.—VALUE OF ALL FARM PRODUCTS SOLD, BY SOURCE; FOR THE UNITED STATES: 1959 AND 1954—Continued

[Percent not shown when more than 1,000.0]

Specified items	Value of sales		Percent of value of production		Percent of total		Percent 1959 + 1954
	1959	1954	1959	1954	1959	1954	
FRUITS, NUTS, AND COFFEE							
Fruits, nuts, and coffee sold, total.....	1,398,422,831	1,198,016,326	99.4	99.5	4.6	4.9	116.7
Berries and other small fruits sold, total.....	112,130,644	100,119,751	100.0	100.0	0.4	0.4	112.0
Blackberries and dewberries.....	2,921,219	3,366,188	100.0	100.0	(2)	(2)	86.8
Blueberries.....	11,391,371	9,521,720	100.0	100.0	(2)	(2)	119.6
Boysenberries.....	1,833,144	3,294,661	100.0	100.0	(2)	(2)	55.6
Cranberries.....	11,039,135	12,132,366	100.0	100.0	(2)	(2)	91.0
Raspberries.....	9,384,112	11,004,016	100.0	100.0	(2)	(2)	85.3
Strawberries.....	74,610,140	59,474,074	100.0	100.0	0.2	0.2	125.4
All other berries and small fruits.....	951,523	1,326,726	100.0	100.0	(2)	(2)	71.7
Noncitrus tree fruits and grapes sold, total.....	705,389,931	662,691,055	99.0	99.5	2.3	2.7	106.4
Apples.....	204,802,309	241,522,423	99.1	100.0	0.7	1.0	84.8
Apricots.....	22,148,332	17,245,112	99.4	100.0	0.1	0.1	128.4
Avocados.....	8,539,361	7,730,834	99.9	99.4	(2)	(2)	110.5
Cherries.....	38,726,512	43,713,527	99.3	100.0	0.1	0.2	88.6
Coffee.....	2,786,973	NA	99.5	NA	(2)	NA	NA
Dates.....	2,410,356	1,587,746	100.0	100.0	(2)	(2)	151.8
Figs.....	5,277,856	5,104,395	100.0	100.0	(2)	(2)	103.4
Grapes.....	164,767,262	121,218,279	100.0	100.0	0.5	0.5	135.9
Nectarines.....	4,676,865	1,987,063	100.0	100.0	(2)	(2)	235.4
Olives.....	5,342,625	5,056,778	100.0	100.0	(2)	(2)	105.7
Peaches.....	126,356,171	107,304,590	96.9	98.8	0.4	0.4	117.8
Pears.....	47,048,496	55,133,875	100.0	100.0	0.2	0.2	85.3
Plums and prunes.....	69,785,743	54,266,199	99.1	96.8	0.2	0.2	128.6
Other noncitrus fruits.....	2,721,070	820,234	97.3	100.0	(2)	(2)	331.7
Nuts sold, total.....	86,548,479	56,697,983	100.0	100.0	0.3	0.2	152.6
Almonds.....	33,844,146	19,438,962	100.0	100.0	0.1	0.1	174.1
Filberts and hazelnuts.....	3,468,461	2,404,932	100.0	100.0	(2)	(2)	144.2
Pecans (all).....	14,894,152	8,651,441	100.0	100.0	(2)	(2)	172.2
Tung nuts.....	6,695,276	3,443,388	100.0	100.0	(2)	(2)	194.4
Walnuts, English.....	27,134,762	22,678,073	100.0	100.0	0.1	0.1	119.7
All other nuts.....	511,682	81,187	98.7	100.0	(2)	(2)	630.3
Citrus fruits sold, total.....	494,353,777	378,507,537	99.7	99.1	1.6	1.5	130.6
Grapefruit.....	55,063,518	38,651,310	100.0	7.7	0.2	2	142.5
Lemons.....	41,869,169	69,935,969	100.0	100.0	0.1	0.3	59.9
Limes.....	1,230,547	2,663,026	100.0	100.0	(2)	(2)	46.2
Oranges (all).....	394,667,516	266,464,861	99.6	99.1	1.3	1.1	148.1
Tangeloes.....	1,444,266	762,479	100.0	100.0	(2)	(2)	189.4
All other citrus fruits.....	78,761	29,892	100.0	100.0	(2)	(2)	263.5
HORTICULTURAL SPECIALTIES							
Horticultural specialties (nursery and greenhouse products etc.) sold, total.....	615,338,081	453,653,672	100.0	100.0	2.0	1.8	135.6
FOREST PRODUCTS							
Forest products sold, total.....	187,386,362	130,427,709	71.0	NA	0.6	0.5	143.7
LIVESTOCK AND LIVESTOCK PRODUCTS							
All livestock and livestock products sold, total.....	17,059,130,907	12,292,424,309	NA	NA	55.9	49.9	138.8
Dairy products sold, total.....	4,021,590,860	3,334,066,274	NA	NA	13.2	13.5	120.6
Whole milk sold.....	3,871,613,727	3,073,526,992	NA	NA	12.7	12.5	126.0
Cream sold.....	149,977,133	260,539,282	NA	NA	0.5	1.1	57.6
Poultry and poultry products sold, total.....	2,257,821,804	1,918,935,878	NA	NA	7.4	7.8	117.7
Chicken eggs sold.....	1,061,468,591	916,737,387	NA	NA	3.5	3.7	115.8
Chickens sold.....	856,188,211	698,014,240	NA	NA	2.8	2.8	122.7
Turkeys, ducks, geese, and their eggs sold.....	340,165,002	304,184,251	NA	NA	1.1	1.2	111.8
Livestock and products (other than dairy and poultry) sold, total.....	10,779,718,243	7,039,422,157	...	...	35.4	28.6	153.1
Cattle and calves sold.....	7,832,434,195	4,283,451,830	...	...	25.7	17.4	182.9
Cattle sold.....	5,952,148,982	3,317,032,748	...	...	19.5	13.5	179.4
Calves sold.....	1,880,285,213	966,419,082	...	...	6.2	3.9	194.6
Hogs and pigs sold.....	2,435,404,258	2,279,386,409	...	...	8.0	9.2	106.8
Horses and mules sold.....	52,189,375	24,985,776	...	...	0.2	0.1	208.9
Sheep and lambs sold.....	337,995,732	328,166,574	...	...	1.1	1.3	103.0
Goats and kids sold.....	5,170,310	NA	...	...	(2)	NA	NA
Wool sold.....	96,978,886	113,386,410	100.0	100.0	0.3	0.5	85.5
Mohair sold.....	19,523,941	10,045,158	100.0	100.0	0.1	(2)	194.6
Bees and honey sold (Hawaii only).....	21,546	NA	...	...	(2)	NA	NA

NA Not available.

2 Less than 0.05 percent.

¹Does not include value of forest products sold.

²Includes \$2,294,341 in States where utilization inquiries were not carried. Most of the acreage in such States was probably used for hay or forage.

³Figures for pineapples for the conterminous United States included with "other noncitrus fruits."

assistance, veterans' allowances, and unemployment compensation; (c) receipts from boarders and lodgers, Government benefit payments, cash rents, and income from businesses conducted on or off the premises; and (d) changes in the value of farm inventories of crops, livestock, and equipment.

Value of Farm Products Sold.—Data for the value of farm products sold in 1959 were obtained 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
Nursery and greenhouse products	Cattle
Standing timber	Calves
Miscellaneous forest products	Horses, mules, colts, and ponies
Miscellaneous poultry products	

These farm products accounted for 44.9 percent of the value of all farm products sold in 1959. For all other agriculture products, the value of sales was estimated during office processing. The State average prices used for calculating the value of farm products sold were furnished by the Agricultural Marketing Service of the U.S. Department of Agriculture. One of three following procedures was used:

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	Sawlogs and veneer logs
Sorghums for grain, seed, sirup, or dry forage	Christmas trees
All small grains	Broilers
Hay crops	Chickens, other than broilers
All berries and small fruits	Chicken eggs
Firewood and fuelwood	Hogs and pigs
Pulpwood	Sheep and lambs
Fence posts	Goats and kids

The farm products for which this procedure was used represented 32.3 percent of the value of all farm products sold in 1959.

2. For most of the agricultural products which are customarily raised for sale, the entire quantity produced was considered to be sold and State average prices were multiplied by the total county production for each of the following products: Cotton, popcorn, sugar beets for sugar, broomcorn, sugarcane for sugar, tobacco, wool, and mohair. These farm products represented 12.2 percent of all farm products sold in 1959.

3. For all other products, 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 of the U.S. Department of Agriculture, data reported by farm operators for "other crops" on the 1959 questionnaire, or data obtained from earlier censuses. The farm products for which this procedure was used represented 10.6 percent of all farm products sold in 1959.

For all tree fruits, nuts, and grapes, the entire quantity produced was considered as sold, except for apples, apricots, sour and sweet cherries, peaches, plums and prunes, tangerines, and oranges in States where a portion of the crop was not harvested or was subjected to excess cullage as indicated by crop disposition data obtained from the Agricultural Marketing Service of the U.S. Department of Agriculture. The following list shows for each fruit crop the percentage of the quantity harvested considered as sold in order to compute the value of sales.

<i>Crop and State</i>	<i>Estimated percent of the quantity sold</i>	<i>Crop and State</i>	<i>Estimated percent of the quantity sold</i>
Apples:		Plums:	
Delaware.....	86	California.....	97
Iowa.....	95	Sour cherries:	
Maryland.....	98	Colorado.....	92
New Jersey.....	92	Sweet cherries:	
New York.....	96	Washington.....	97
Pennsylvania.....	98	Tangerines and	
West Virginia.....	99	mandarins:	
Wisconsin.....	99	Florida.....	96
Peaches, clingstone:		Oranges, navel:	
California.....	91	California.....	99
Peaches, freestone:		Oranges, Valencia:	
California.....	98	California.....	99
Peaches:		Oranges, other:	
Arkansas.....	98	California.....	99
Georgia.....	96	Apricots:	
South Carolina.....	97	Washington.....	94
Plums and prunes:			
Washington.....	94		

Essentially the same procedures used for 1959 were used for estimating quantities and values of farm products sold for 1954. In 1959, as in 1954, 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 and 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 that were produced on land operated by the institution were to be reported as sold if they were consumed by the inmates.

All sales data relate to 1 year's farm operations. Crop sales are for crops harvested during the crop year whether the crops were actually sold immediately after harvest, placed in storage, or held 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. Wool and mohair reported as shorn or clipped were considered as sold.

Enumerators were instructed to record gross values of quantities sold with no deduction for expenditures for feed, seed, fertilizer, water, labor, or marketing. Net values may have been reported for some products. 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. Only in cases of obvious error were adjustments made in the data reported.

Value of Production.—Farmers were not asked for the value of any part of their production. A value of production has been computed for the individual field crops. For some crops such as vegetables and horticultural specialty crops, the value sold has been substituted for the value of production in arriving at an overall total value of production for all crops harvested.

The value of production was computed by multiplying the production by the estimated State price per unit. The calculated value includes the part of the crop consumed on the farm either as food or as feed, the part of the crop used for seed, and the part of the crop sold. The State average prices were obtained from the Agricultural Marketing Service of the U.S. Department of Agriculture. The prices are based on reports provided by a sample of farmers and dealers. The same average price was used to compute the value of sales and the value of production.

VALUE OF FARM PRODUCTS

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Table 2.—SPECIFIED CROPS—TOTAL VALUE OF PRODUCTION FOR THE UNITED STATES: 1959, 1954, AND 1949

Item	Value of production ¹ (dollars)			Percent of total			Percent 1959
	1959	1954 ²	1949 ²	1959	1954	1949	1954
All crops harvested, total.....	19,109,498,188	18,679,518,631	16,295,854,995	100.0	100.0	100.0	³ 100.9
FIELD CROPS							
All field crops, total.....	16,083,564,341	16,376,278,716	14,321,684,091	84.2	87.7	87.9	98.2
Corn harvested for all purposes.....	4,384,427,694	4,287,082,666	3,823,423,741	22.9	23.0	23.5	102.3
Sorghum harvested for all purposes.....	577,465,717	453,476,196	230,191,400	3.0	2.4	1.4	127.3
Wheat harvested.....	1,871,910,772	1,939,861,119	1,874,371,202	9.8	10.4	11.5	96.5
Oats harvested.....	638,797,378	927,582,560	740,308,090	3.3	5.0	4.5	68.9
Barley harvested.....	343,301,247	384,081,734	231,734,568	1.8	2.1	1.4	89.4
Rye harvested.....	22,326,909	26,549,153	20,236,604	0.1	0.1	0.1	84.1
Buckwheat harvested.....	997,417	2,210,049	4,065,450	(2)	(2)	(2)	45.1
Flaxseed harvested.....	59,672,384	107,969,625	144,703,414	0.3	0.6	0.9	55.3
Rice harvested.....	249,380,338	296,345,063	158,435,828	1.3	1.6	1.0	84.2
Other grains harvested.....	36,442,503	85,215,972	60,153,603	0.2	0.5	0.4	42.8
Soybeans harvested.....	1,036,167,820	851,284,841	491,315,954	5.4	4.6	3.0	121.7
Cowpeas harvested, except for green peas.....	10,842,300	14,184,815	18,965,642	0.1	0.1	0.1	76.4
Peanuts harvested for all purposes.....	140,963,017	137,986,321	⁴ 186,844,749	0.7	0.7	1.1	102.2
Dry field and seed beans harvested for beans.....	137,756,402	137,574,083	131,846,017	0.7	0.7	0.8	100.1
Dry field and seed peas harvested for peas.....	20,247,180	16,844,200	11,465,746	0.1	0.1	0.1	120.2
Hay including grass silage (excluding sorghum and annual legumes), total.....	2,180,621,545	2,301,881,780	1,924,781,153	11.4	12.3	11.8	94.7
Alfalfa and alfalfa mixtures cut for hay.....	1,270,128,032	1,257,659,671	793,601,401	6.6	6.7	4.9	101.0
Clover, timothy, and mixtures of clover and grasses cut for hay.....	437,293,091	535,602,674	547,072,057	2.3	2.9	3.4	81.6
Lespede a cut for hay.....	80,223,759	85,301,800	162,254,444	0.4	0.5	1.0	94.0
Oats, wheat, barley, rye, or other small grains cut for hay.....	71,564,976	118,321,530	104,329,783	0.4	0.6	0.6	60.5
Wild hay cut.....	143,758,832	149,716,877	172,077,730	0.8	0.8	1.1	96.0
All other hay cut.....	119,077,947	111,846,271	133,140,584	0.6	0.6	0.8	106.5
Grass silage made from grasses, alfalfa, clover, or small grains.....	58,574,908	43,432,957	12,305,154	0.3	0.2	0.1	134.9
Field seed crops harvested, total.....	127,864,078	151,664,233	157,424,439	0.7	0.8	1.0	84.3
Alfalfa seed harvested.....	31,493,443	52,167,753	43,340,917	0.2	0.3	0.3	60.4
Alsike clover seed harvested.....	879,061	1,999,026	2,535,169	(2)	(2)	(2)	44.0
Crimson clover seed harvested.....	2,701,625	2,479,890	3,829,242	(2)	(2)	(2)	108.9
Red clover seed harvested.....	22,805,149	24,398,377	30,937,541	0.1	0.1	0.2	93.5
Sweetclover seed harvested.....	1,977,377	4,669,180	7,545,169	(2)	(2)	(2)	42.3
Lespedeza seed harvested.....	9,062,867	17,121,439	17,057,440	(2)	0.1	0.1	52.9
Other and unspecified clover seeds harvested.....	5,350,947	3,257,557	76,897	(2)	(2)	(2)	164.3
Bluegrass seed harvested.....	4,524,784	3,013,316	1,973,029	(2)	(2)	(2)	150.2
Redtop seed harvested.....	1,670,868	1,832,451	3,267,326	(2)	(2)	(2)	91.2
Timothy seed harvested.....	5,210,076	6,587,061	7,410,098	(2)	(2)	(2)	79.1
Vetch seed harvested.....	2,437,360	3,192,782	5,498,807	(2)	(2)	(2)	76.3
Other field seed crops harvested.....	39,750,521	30,945,401	33,952,804	0.2	0.2	0.2	128.5
Cotton (lint and seed).....	2,342,648,511	2,514,722,624	2,491,296,684	12.3	13.5	15.3	93.2
Tobacco harvested.....	947,626,032	973,965,420	820,045,459	5.0	5.2	5.0	97.3
Sugarcane for sugar.....	121,342,340	43,763,370	37,819,814	0.6	0.2	0.2	277.3
Sugarcane for sirup.....	3,847,444	4,189,868	6,543,867	(2)	(2)	(2)	91.8
Sugar beets harvested for sugar.....	187,339,907	152,323,346	107,593,072	1.0	0.8	0.7	123.0
Popcorn harvested for grain.....	5,305,538	6,556,135	6,330,763	(2)	(2)	(2)	80.9
Irish potatoes harvested.....	479,510,115	440,934,166	468,074,154	2.5	2.4	2.9	108.7
Sweetpotatoes harvested.....	53,707,032	68,248,545	83,060,106	0.3	0.4	0.5	78.7
Broomcorn harvested.....	7,267,730	9,898,316	9,428,349	(2)	0.1	0.1	73.4
Other field crops harvested.....	95,784,991	39,882,516	⁵ 81,224,223	0.5	0.2	0.5	240.2
VEGETABLES							
Vegetables harvested for sale.....	739,626,458	645,095,047	607,017,776	3.9	3.5	3.7	114.7
FRUITS AND NUTS							
Total value of fruits, including berries and other small fruits, and nuts.....	1,407,023,301	1,204,491,196	975,055,523	7.4	6.4	6.0	116.8
Berries and Small Fruits ⁶							
Blackberries and dewberries harvested for sale.....	2,921,219	3,366,188	3,133,503	(2)	(2)	(2)	86.8
Blueberries harvested for sale.....	11,391,371	9,521,720	4,537,883	0.1	0.1	(2)	119.6
Cranberries harvested for sale.....	11,039,135	12,132,366	6,478,008	0.1	0.1	(2)	91.0
Raspberries harvested for sale.....	9,384,112	11,004,016	11,309,762	(2)	0.1	0.1	85.3
Strawberries harvested for sale.....	74,610,140	59,474,074	50,088,534	0.4	0.3	0.3	125.4
Other berries and small fruits harvested for sale.....	2,784,667	4,621,387	3,850,504	(2)	(2)	(2)	60.3
Noncitrus Tree Fruits and Grapes ⁶							
Apples harvested.....	206,733,824	241,522,423	187,419,629	1.1	1.3	1.2	85.6
Apriots harvested.....	22,282,171	17,245,112	12,202,326	0.1	0.1	0.1	129.2
Cherries harvested.....	39,003,687	43,713,527	32,459,479	0.2	0.2	0.2	89.2
Grapes harvested.....	164,767,262	121,218,279	98,202,178	0.9	0.6	0.6	135.9
Peaches harvested.....	130,452,220	108,621,528	80,484,680	0.7	0.6	0.5	120.1
Pears harvested.....	47,048,513	55,133,875	36,629,023	0.2	0.3	0.2	85.3
Plums and prunes harvested.....	70,391,214	56,055,063	36,538,747	0.4	0.3	0.2	125.6
Avocados harvested.....	8,543,920	7,776,440	4,568,148	(2)	(2)	(2)	110.0
Figs harvested.....	5,277,856	5,104,395	6,272,020	(2)	(2)	(2)	103.4
Olives harvested.....	5,342,625	5,056,778	5,138,778	(2)	(2)	(2)	105.7
All other tree fruits, except citrus, harvested.....	12,684,628	4,395,043	3,280,888	0.1	(2)	(2)	288.6
Nuts ⁶							
Almonds harvested.....	33,844,146	19,438,962	12,222,622	0.2	0.1	0.1	174.1
Pecans, improved and seedling, harvested.....	14,894,152	8,651,441	12,520,661	0.1	(2)	0.1	172.2
Tung nuts harvested.....	6,695,276	3,443,388	4,727,538	(2)	(2)	(2)	194.4
Walnuts, English or Persian, harvested.....	27,134,762	22,678,073	24,633,766	0.1	0.1	0.2	119.7
Other nuts harvested.....	3,986,690	2,486,119	2,094,342	(2)	(2)	(2)	160.4
Citrus Fruits ⁶							
Grapefruit harvested.....	55,063,590	39,568,979	58,150,616	0.3	0.2	0.4	139.2
Lemons harvested.....	41,869,232	69,935,969	52,645,510	0.2	0.4	0.3	59.9
Limes harvested.....	1,231,050	2,663,026	810,279	(2)	(2)	(2)	46.2
Oranges, including satsumas, tangerines, and mandarins, harvested.....	396,122,812	268,870,654	224,431,591	2.1	1.4	1.4	147.3
Other citrus fruits harvested.....	1,523,027	792,371	224,508	(2)	(2)	(2)	192.2
HORTICULTURAL SPECIALTIES							
Total value of nursery and greenhouse products, flower and vegetable seeds and plants, flowers, and bulbs sold.....	615,338,081	453,653,672	392,097,605	3.2	2.4	2.4	135.6
FOREST PRODUCTS							
Total value of forest products.....	263,946,007	NA	NA	1.4	NA	NA	NA

NA Not available. ² Less than 0.05 percent. ¹Value of sales for vegetables, berries and other small fruits, and horticultural specialties. See text. ²Does not include Alaska and Hawaii. ³Based on 1959 total, excluding forest products harvest value. ⁴Value of nuts and hay only. ⁵Receipts from pasture and grazing privileges included for 1949 at \$34,138,323; such data not available for 1959 and 1954. ⁶Data for 1959 and 1954 represent production for those farms with a total of 20 or more trees and vines.

For berries and small fruits, the quantity harvested represents commercial production for sale. The amount harvested was multiplied by the State average price per unit and the resulting dollar figure represents the value of sales. For this group of crops the value of sales was substituted for the value of production in arriving at the total value of production for all crops harvested. (See table 2.)

Because of the many sizes of containers used for harvesting and marketing vegetables and the resultant difficulty of obtaining reports and of converting the quantity harvested to a common unit, the quantity harvested has not been obtained for vegetables in any census since 1920. The data for vegetables sold relate to commercial production for sale and have been used to represent the value of vegetable production. For institutional farms, the instructions provided that the quantity of vegetables produced on the farm and consumed by inmates or residents was to be considered as sold.

Horticultural specialty crops include nursery and greenhouse products and also flower and vegetable seeds and plants, bulbs, and mushrooms. The question about nursery and greenhouse products related only to products grown for sale. Crops bought for resale without additional growing were to be excluded. The quantities harvested were not enumerated because of the difficulty of providing a common unit of measure. The values of any quantities produced and consumed on the farm where produced were not enumerated and are relatively insignificant in relation to the value of sales. For these products, the value of sales has been used without adjustment to represent the value of production. Detailed data regarding the production and sale of nursery, greenhouse, and other horticultural products on farms having sales of \$2,000 or more appear in volume V, part 1.

The data in this report do not represent the total forestry output or income from forests for a State. The forest products data obtained in the census of agriculture relate only to the products cut on farms. Commercial logging, timber operations, and forest products grown or cut on nonfarm places are excluded. Although the value of forest products was reported, the quantities cut or harvested were enumerated for only a few principal products. The questions included on the 1959 agriculture questionnaire are more detailed than those asked in the 1954 census. Value was obtained for the sale of standing timber or trees and for the sale of poles and piling, bark, bolts, and mine timbers. The quantity cut, whether for home use or sale, and the quantity sold were obtained for individual forest products such as firewood and fuelwood, fence posts, and sawlogs and veneer logs. Data relating to pulpwood, Christmas trees, and maple sirup were obtained in States where such products are important commercially. For 1959, the value of forest products represents the total of the value of firewood and fuelwood cut, fence posts cut, and sawlogs and veneer logs cut plus the value of standing timber, Christmas trees, maple sirup, and miscellaneous forest products sold.

Changes in the Value of Farm Products Produced, 1954 to 1959.—Table 2 presents comparative data on the value of farm products produced for 1959 and 1954. For crops, the quantities and values represent the value of the quantity harvested; for livestock, livestock products, poultry, and poultry products, the quantities and values represent the quantities sold.

For the conterminous United States, the value of crops produced in 1959 was \$18,987 million as compared with \$18,680 million in 1954. Part of the increase from 1954 to 1959 represents changes in prices and part, the increase in production. The following table shows for the conterminous United States, the value of the 21 crops comprising 82 percent of the value of all crops harvested, calculated at 1959 prices for both 1959 and 1954.

VALUE OF PRODUCTION FOR 21 PRINCIPAL CROPS HARVESTED FOR THE CONTERMINOUS UNITED STATES: 1959 AND 1954

Crop	Quantity harvested (1,000,000 units)		Unit of measure	Average price per unit (dollars)		Value of production (\$1,000,000)		
	1959	1954		1959	1954	1959	1954 at 1959 prices	1954 at 1954 prices
Total, all crops.....	xxx	xxx	xxx.....	xxx	xxx	18,987	xxx	18,680
Total, 21 crops.....	xxx	xxx	xxx.....	xxx	xxx	15,529	13,422	15,529
Corn for grain.....	3,697	2,613	Bushels.....	1.05	1.44	3,871	2,744	3,758
Cotton.....	14	13	Bales.....	168.37	194.62	2,343	2,176	2,515
Wheat.....	1,056	909	Bushels.....	1.77	2.13	1,872	1,609	1,940
Alfalfa and alfalfa mixtures for hay.....	60	55	Tons.....	21.21	22.90	1,270	1,165	1,258
Soybeans for beans.....	516	324	Bushels.....	1.97	2.52	1,018	638	816
Tobacco.....	1,647	1,922	Pounds.....	0.58	0.51	948	1,114	974
Oats for grain.....	1,001	1,314	Bushels.....	0.64	0.71	639	841	928
Irish potatoes.....	373	340	Bushels.....	1.28	1.30	479	435	441
Sorghums for grain.....	508	224	Bushels.....	0.86	1.26	439	193	282
Clover, timothy, and mixtures of clover and grasses for hay.....	22	24	Tons.....	19.82	22.61	437	469	536
Oranges.....	5	5	Tons.....	74.03	50.48	396	364	269
Barley.....	398	355	Bushels.....	0.86	1.08	343	305	384
Rice.....	121	145	Bushels.....	2.06	2.04	249	299	296
Apples.....	121	109	Bushels.....	1.71	2.22	207	186	242
Sugar beets for sugar.....	17	14	Tons.....	11.14	11.17	187	152	152
Grapes.....	6,042	4,836	Pounds.....	0.03	0.03	166	121	121
Wild hay.....	9	10	Tons.....	16.64	15.62	144	159	150
Dry field and seed beans.....	19	17	Hundredweight.....	7.22	8.03	138	124	138
Peanuts for nuts.....	1,413	885	Pounds.....	0.10	0.12	135	85	108
Peaches.....	69	55	Bushels.....	1.90	1.97	130	105	109
Other hay.....	6	5	Tons.....	19.15	20.34	119	105	112

VALUE OF FARM PRODUCTS

965

Changes in the Value of Farm Products Sold for the Conterminous United States, 1954 and 1959.—The value of farm products sold is given in table 1 for 1959 and 1954. The value of all farm products sold for 1959 totaled \$30,337 million, an increase of \$3,692 million or about 14 percent over 1954.

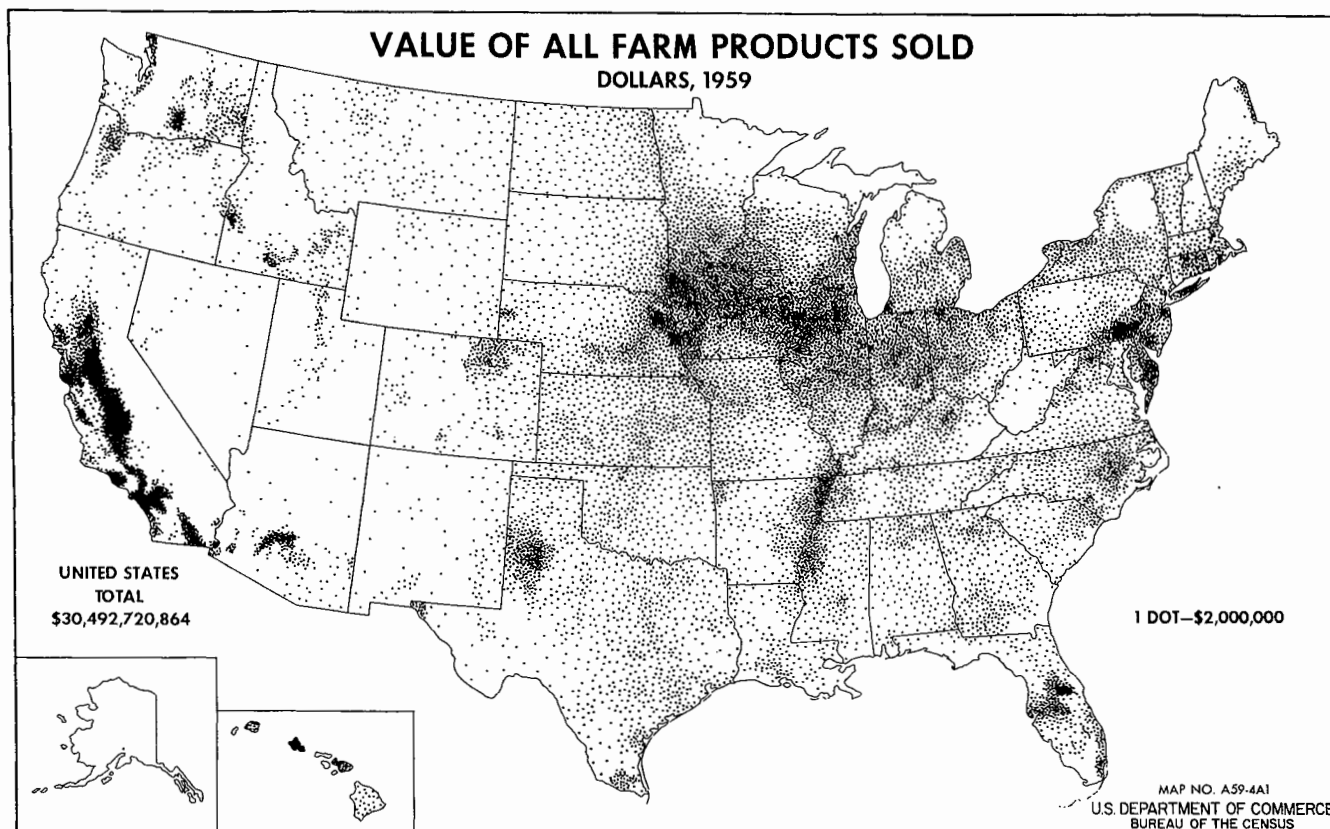
Part of the change from 1954 to 1959 in value of farm products sold represents changes in prices and part results from changes in quantities sold.

Eighteen crops and 8 livestock and livestock product items account for about 91 percent of the value of all farm products sold in the conterminous United States in 1959. The following table shows the value of the sales for 1959 and for 1954 of those 26 farm products at 1959 prices:

VALUE OF SALES OF 26 PRINCIPAL FARM PRODUCTS FOR THE CONTERMINOUS UNITED STATES: 1959 AND 1954

Farm product	Rank	Quantity sold (1,000,000 units)		Unit of measure	Average price per unit sold		Value of sales (\$1,000,000)		
		1959	1954		1959	1954	1959	1954 at 1959 prices	1954 at 1954 prices
Total, all farm products sold.....	xxx	xxx	xxx	xxx.....	xxx	xxx	30,337	xxx	24,645
Total, 26 farm products sold.....	xxx	xxx	xxx	xxx.....	xxx	xxx	27,417	22,145	21,904
Cattle (excluding calves) sold alive.....	1	29	24	Number.....	201.67	136.94	5,941	4,885	3,317
Whole milk and cream.....	2	104,630	94,242	Hundredweight.....	3.83	3.54	4,010	3,609	3,334
Hogs and pigs sold alive.....	3	81	57	Number.....	30.09	39.70	2,432	1,728	2,279
Cotton.....	4	14	13	Bales.....	168.37	194.62	2,343	2,176	2,515
Calves sold alive.....	5	22	20	Number.....	86.50	48.01	1,879	1,741	966
Corn for grain.....	6	1,697	1,009	Bushels.....	1.05	1.44	1,780	1,059	1,449
Wheat.....	7	980	804	Bushels.....	1.77	2.13	1,736	1,423	1,716
Chicken eggs.....	8	3,321	2,654	Dozens.....	0.32	0.35	1,056	849	917
Soybeans for beans.....	9	498	308	Bushels.....	1.97	2.52	981	607	777
Tobacco.....	10	1,647	1,922	Pounds.....	0.58	0.51	948	1,114	974
Broilers.....	11	1,413	792	Number.....	0.53	0.70	749	420	558
Irish potatoes.....	12	340	280	Bushels.....	1.22	1.30	415	342	364
Oranges (all).....	13	5	5	Tons.....	74.03	50.48	395	394	269
Turkeys, ducks, geese, and their eggs sold.....	14	83	63	Number.....	NA	NA	340	NA	304
Sheep and lambs sold alive.....	15	25	22	Number.....	13.31	14.69	338	297	328
Sorghums for grain.....	16	382	178	Bushels.....	0.87	1.26	333	155	225
Alfalfa and alfalfa mixtures for hay.....	17	12	9	Tons.....	23.51	22.86	278	223	217
Rice.....	18	119	142	Bushels.....	2.06	2.04	245	293	290
Barley.....	19	276	237	Bushels.....	0.87	1.09	240	206	259
Apples.....	20	119	109	Bushels.....	1.71	2.22	204	186	242
Sugar beets for sugar.....	21	17	14	Tons.....	11.14	11.17	187	152	152
Oats for grain.....	22	279	348	Bushels.....	0.64	0.71	179	223	246
Grapes.....	23	6,042	4,836	Pounds.....	0.03	0.03	165	121	121
Dry field and seed beans.....	24	19	17	Hundredweight.....	7.22	8.03	136	120	134
Peanuts for nuts.....	25	1,311	850	Pounds.....	0.10	0.12	131	85	102
Peaches.....	26	68	55	Bushels.....	1.90	1.97	126	105	109

NA Not available.
 1 Turkeys only.



PRINCIPAL FARM PRODUCTS SOLD

The following table lists the farm products, each with a value of sales of \$100 million or more in 1959, in order of their importance as measured by the value of sales for the 50 States. These 27 farm products accounted for about 91 percent of the value of all farm products sold in 1959.

VALUE OF SALES OF 27 PRINCIPAL FARM PRODUCTS FOR THE UNITED STATES: 1959

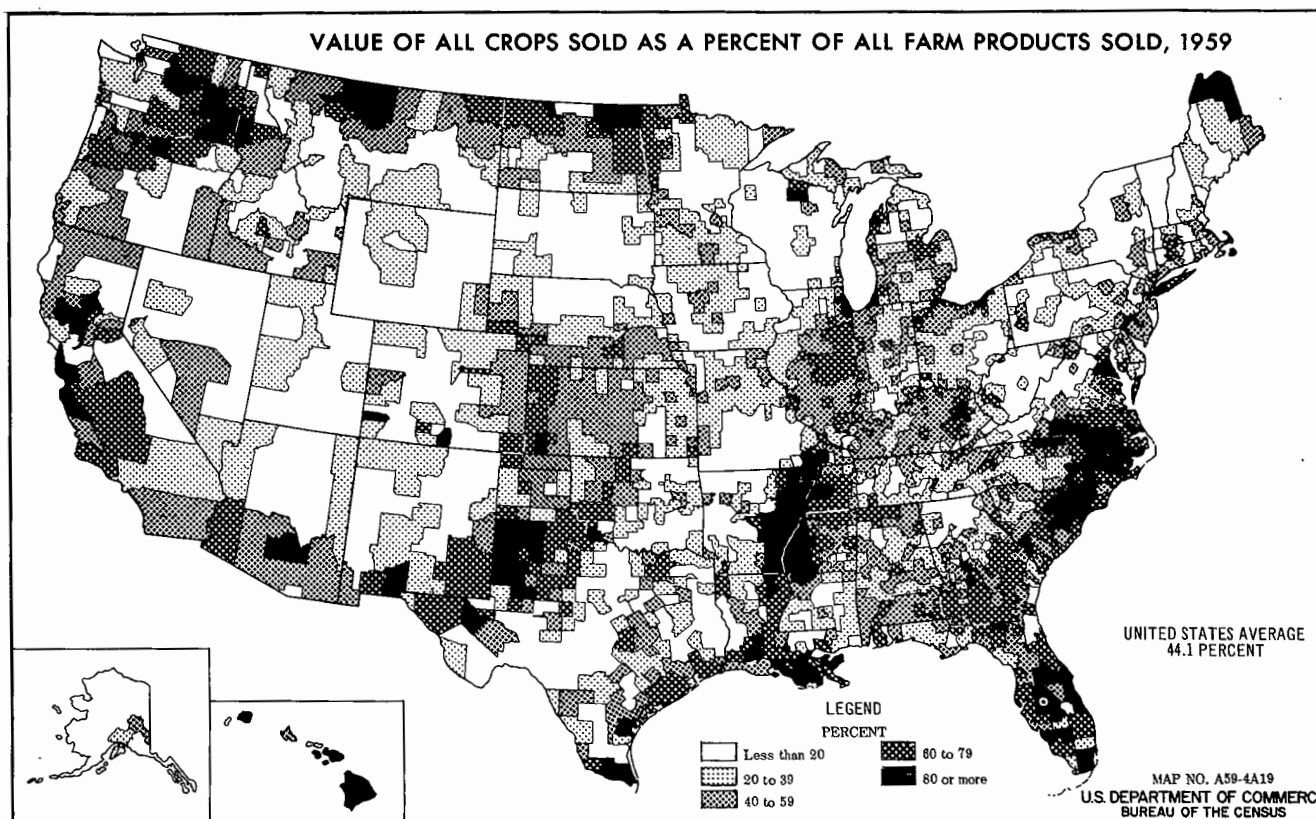
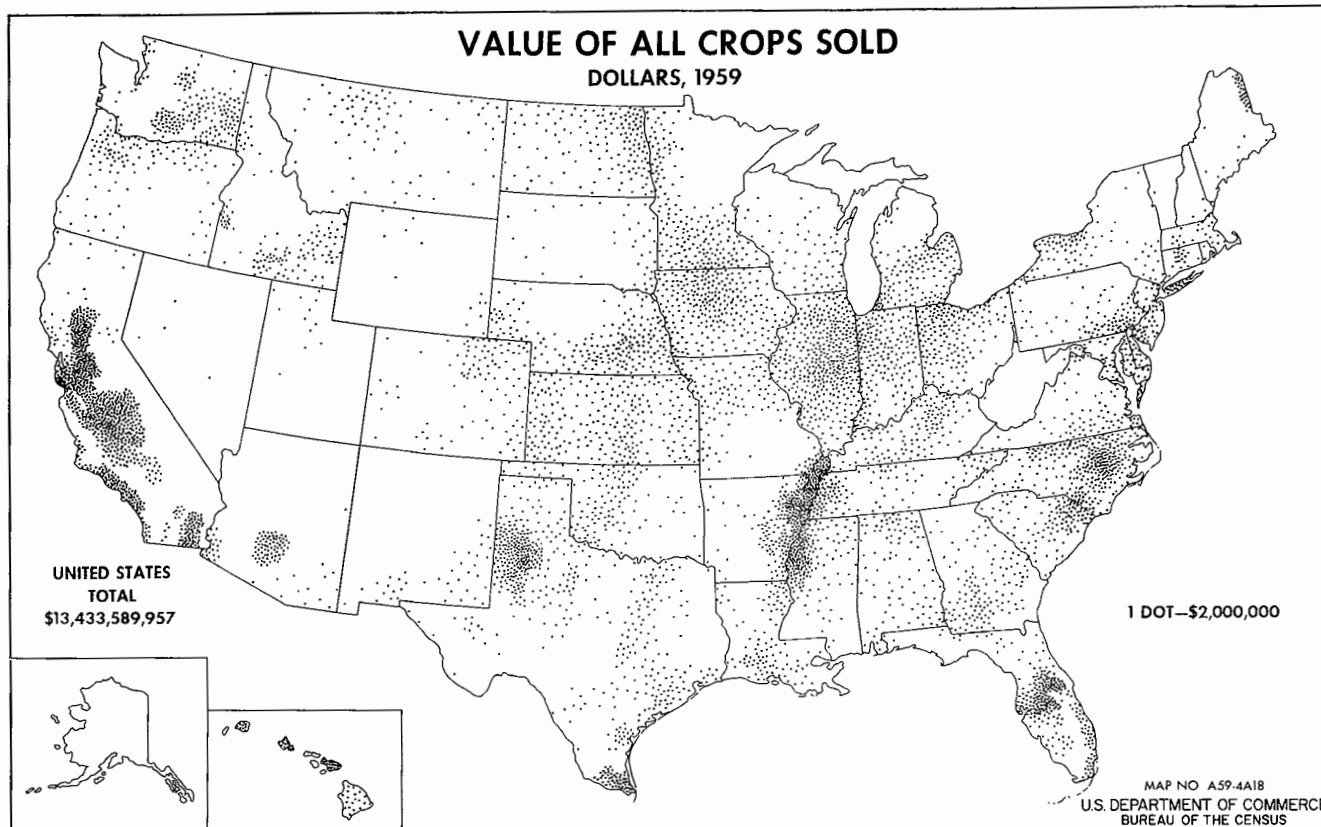
Farm product	Rank	Value (\$1,000,000)
Total, all farm products sold.....	xxx	30,493
Total, 27 farm products sold.....	xxx	27,722
Cattle (excluding calves) sold alive.....	1	5,952
Whole milk and cream.....	2	4,022
Hogs and pigs sold alive.....	3	2,435
Cotton.....	4	2,343
Calves sold alive.....	5	1,880
Corn for grain.....	6	1,780
Wheat.....	7	1,736
Chicken eggs.....	8	1,061
Soybeans for beans.....	9	981
Tobacco.....	10	948
Broilers.....	11	750
Irish potatoes.....	12	415
Oranges (all).....	13	395
Turkeys, ducks, geese, and their eggs sold.....	14	340
Sheep and lambs sold alive.....	15	338
Sorghums for grain.....	16	333
Alfalfa and alfalfa mixtures for hay.....	17	278
Rice.....	18	245
Barley.....	19	241
Apples.....	20	205
Sugar beets for sugar.....	21	187
Oats for grain.....	22	179
Grapes.....	23	165
Dry field and seed beans.....	24	136
Peanuts for nuts.....	25	131
Peaches.....	26	126
Sugarcane for sugar.....	27	121

PRINCIPAL FARM PRODUCTS SOLD FOR THE CONTERMINOUS UNITED STATES

All Crops.—The total value of all crops sold—field crops, vegetables, fruits, nuts, forest products, and horticultural specialties—amounted to \$13,313 million for the 48 conterminous States for 1959. This total was 7.8 percent above the corresponding figure for 1954. The total value of all crops sold represented 43.9 percent of the total value of all agricultural products sold in 1959 compared to 50.1 percent for 1954.

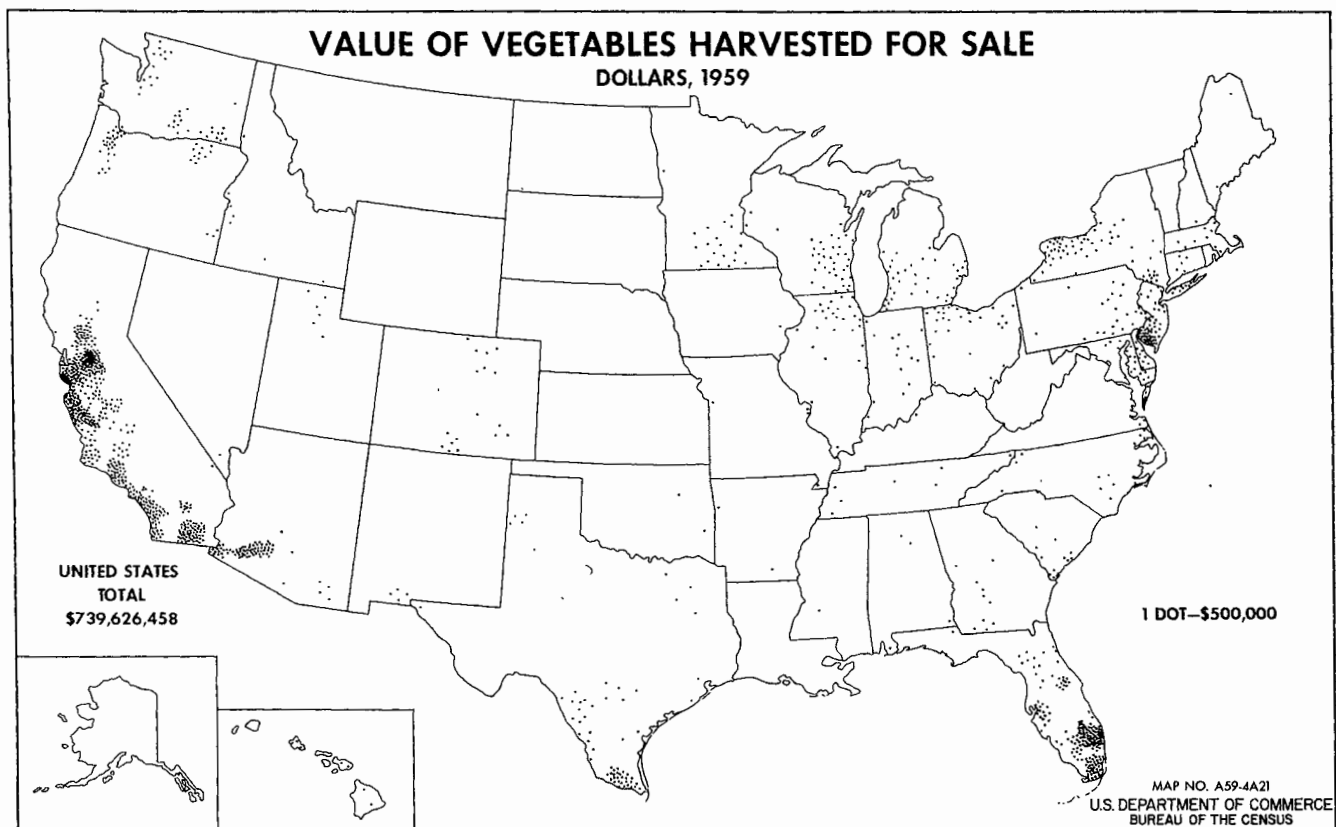
Cotton.—Cotton was the most important crop sold on the basis of the value of sales. The value of sales for 1959 was \$2,343 million and represented 7.7 percent of the total value of all agricultural products sold and 17.6 percent of the total value of all crops sold. All cotton lint and seed were treated as sold in computing total value of sales. The total value of cotton including the value of both lint and seed sold in 1959 was 6.8 percent below that reported for 1954. This change was the result of the reduction in the average price.

Corn.—Corn was the second most important single crop item from the standpoint of total value of sales. The 1959 value of the portion sold as grain was \$1,780 million and represented 5.9 percent of the total value of sales of all farm products. The 1959 value of sales comprised 13.4 percent of the total value of the sales of all crops. The value of corn sold as grain in 1959 was 22.8 percent above the \$1,449 million for 1954. The change in the value of corn sold resulted from the increase in the quantity sold as the percentage of the crop sold was 46.0 in 1959 compared with 38.6 in 1954. The average value per bushel sold decreased from \$1.44 in 1954, to \$1.05 in 1959.



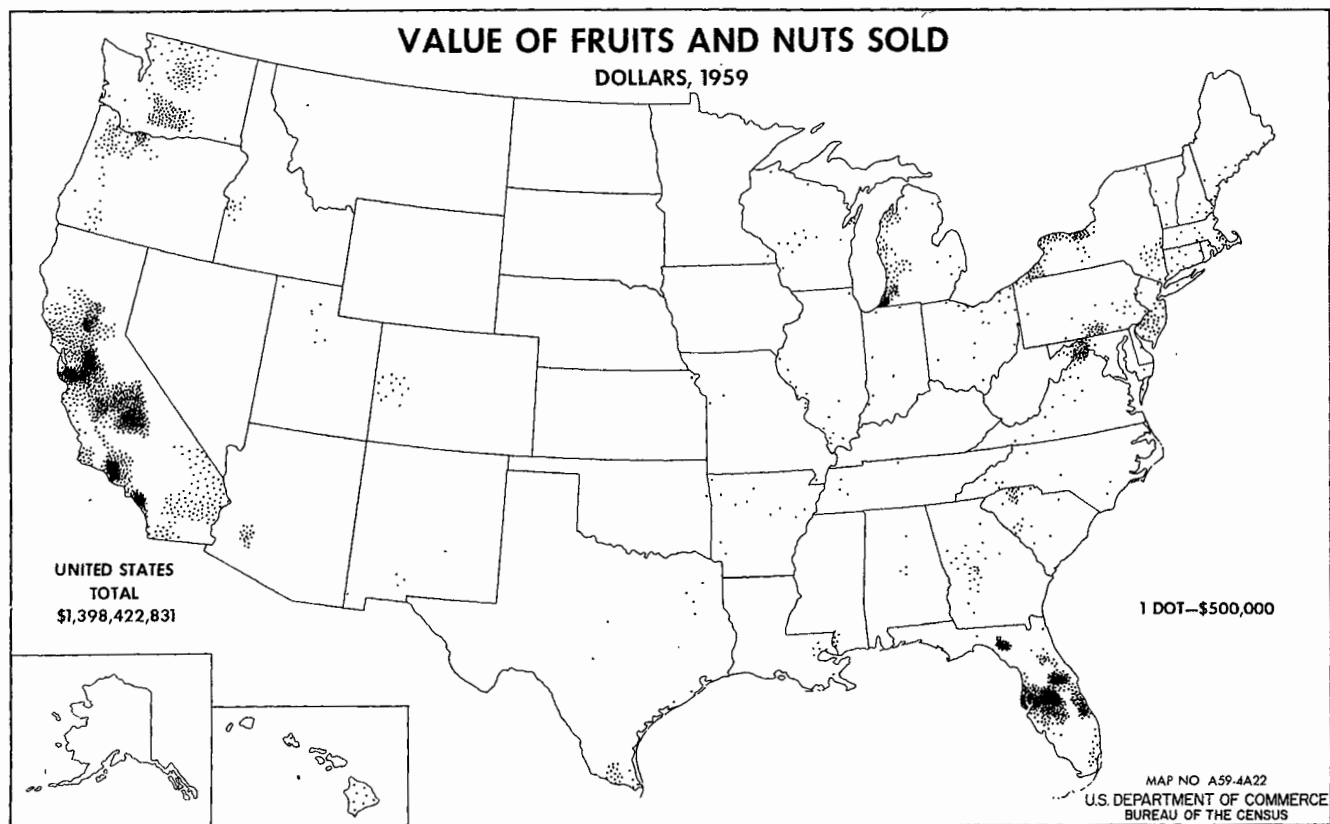
Wheat.—Wheat was the third most important crop on the basis of the value of sales. The value of sales for the 1959 crop was \$1,736 million and represented 5.7 percent of the total value of farm products sold and 13.0 percent of the total value of all crops

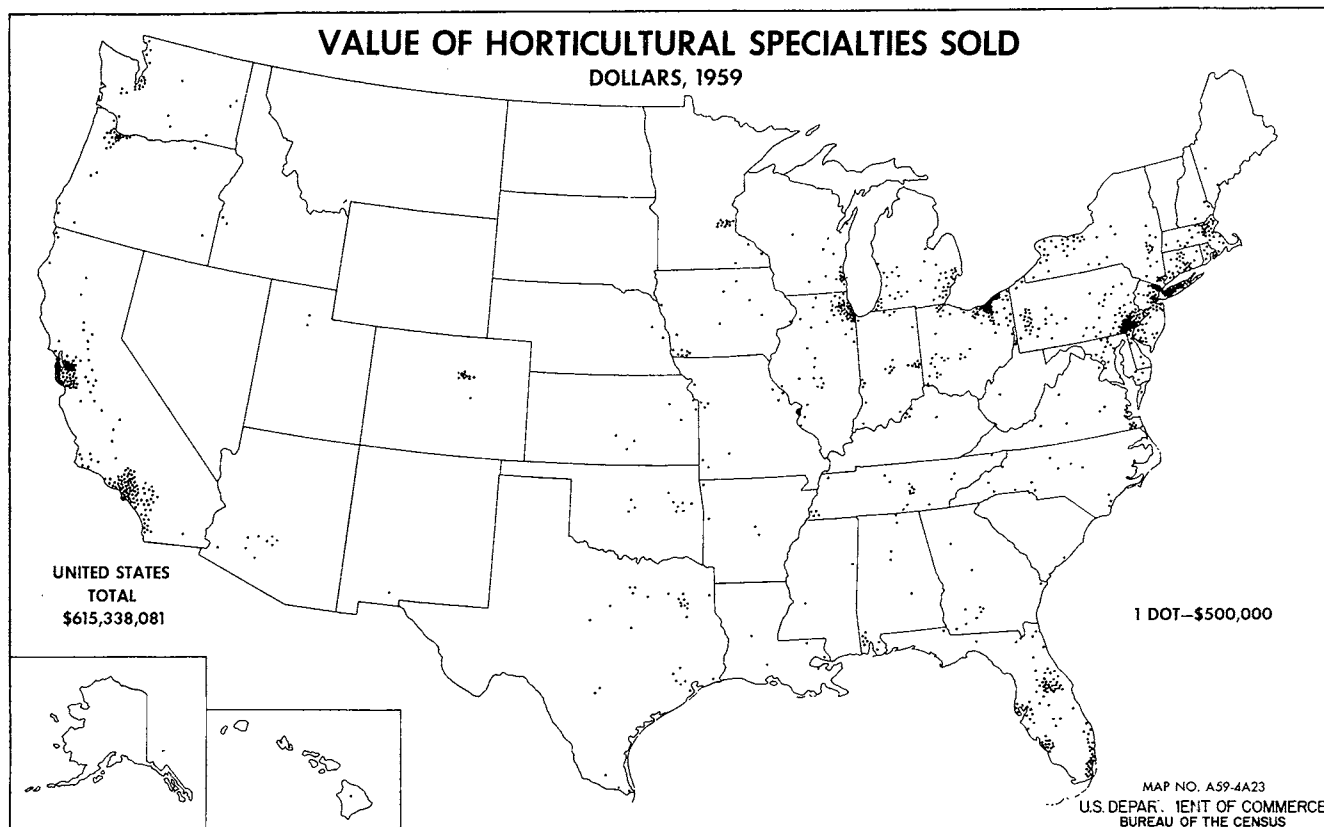
sold. The quantity of wheat sold represented 92.8 percent of the quantity harvested in 1959 as compared with 88.4 percent in 1954. The average value per bushel for the 1959 crop was \$1.77 as compared with \$2.13 for 1954.



Vegetables.—The total value of vegetables sold in 1959 was \$736 million, or 14.1 percent above the \$645 million reported for 1954. The value of vegetables sold was 5.5 percent of the total value of all crops sold for 1959 as compared with 5.2 percent for 1954. For 1959, vegetables sold represented 2.4 percent of the total value of all farm products sold as compared with 2.6 percent for 1954.

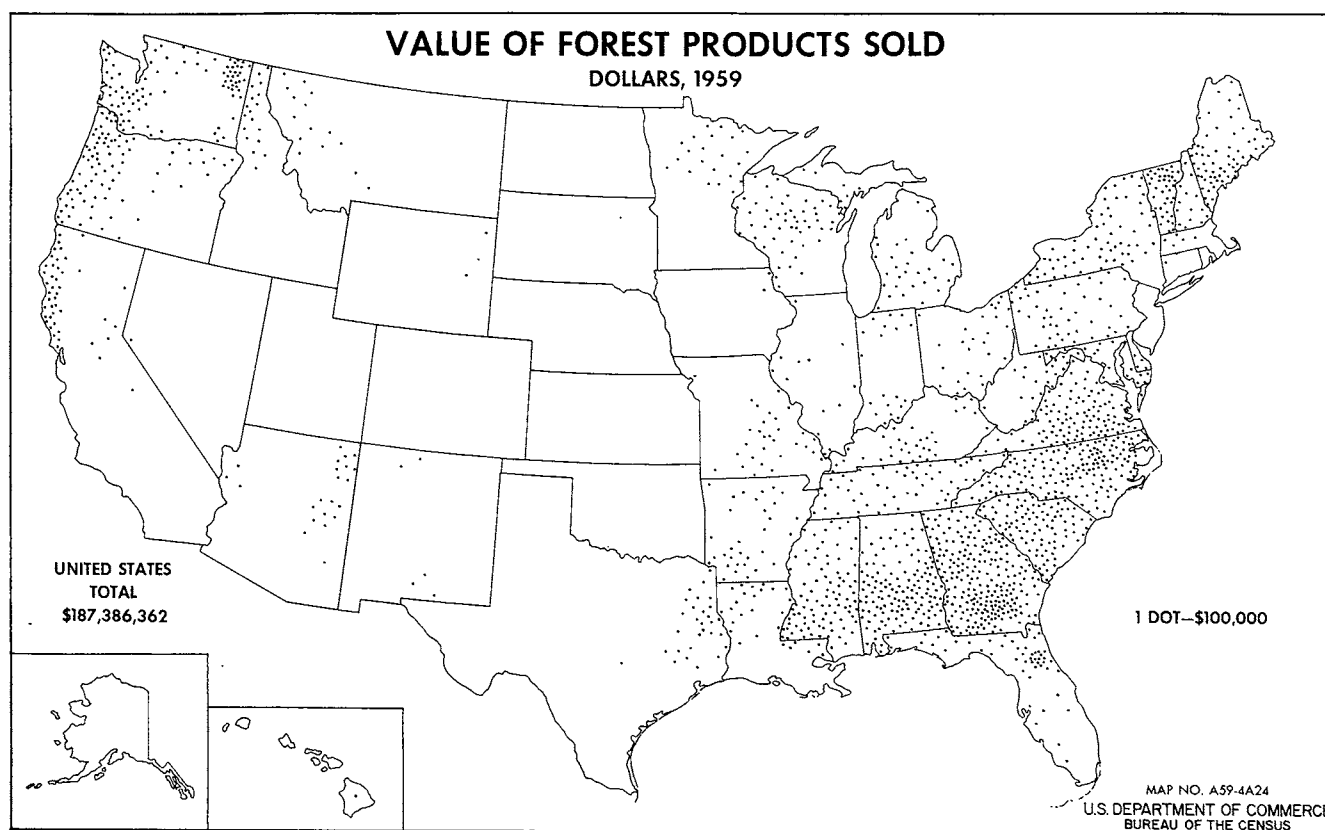
Fruits and Nuts.—The total value of fruits and nuts sold for 1959 was calculated to be \$1,393 million, or 16.3 percent above the total of \$1,198 million for 1954. The 1959 figure represents 10.5 percent of the total value of all crops sold, as compared with 9.7 percent in 1954. In 1959, as in 1954, the value of sales was computed by multiplying quantity harvested by a State average price per unit.

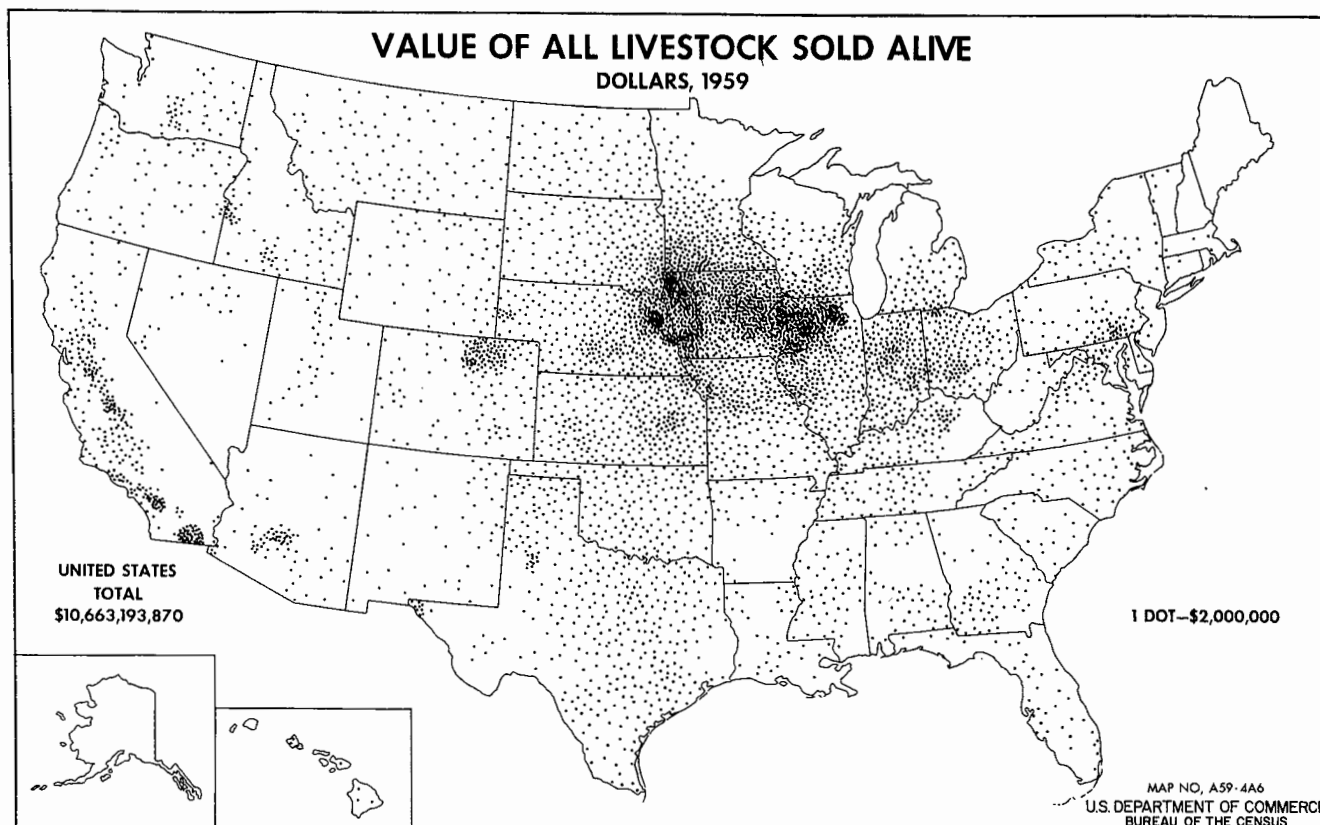




Horticultural Specialties.—The total value of horticultural specialties sold in 1959, at \$613 million, was 35.2 percent above the \$454 million reported for 1954. For 1959, the value of sales represented 4.6 percent of the total value of all crops sold as compared with 3.7 percent for 1954.

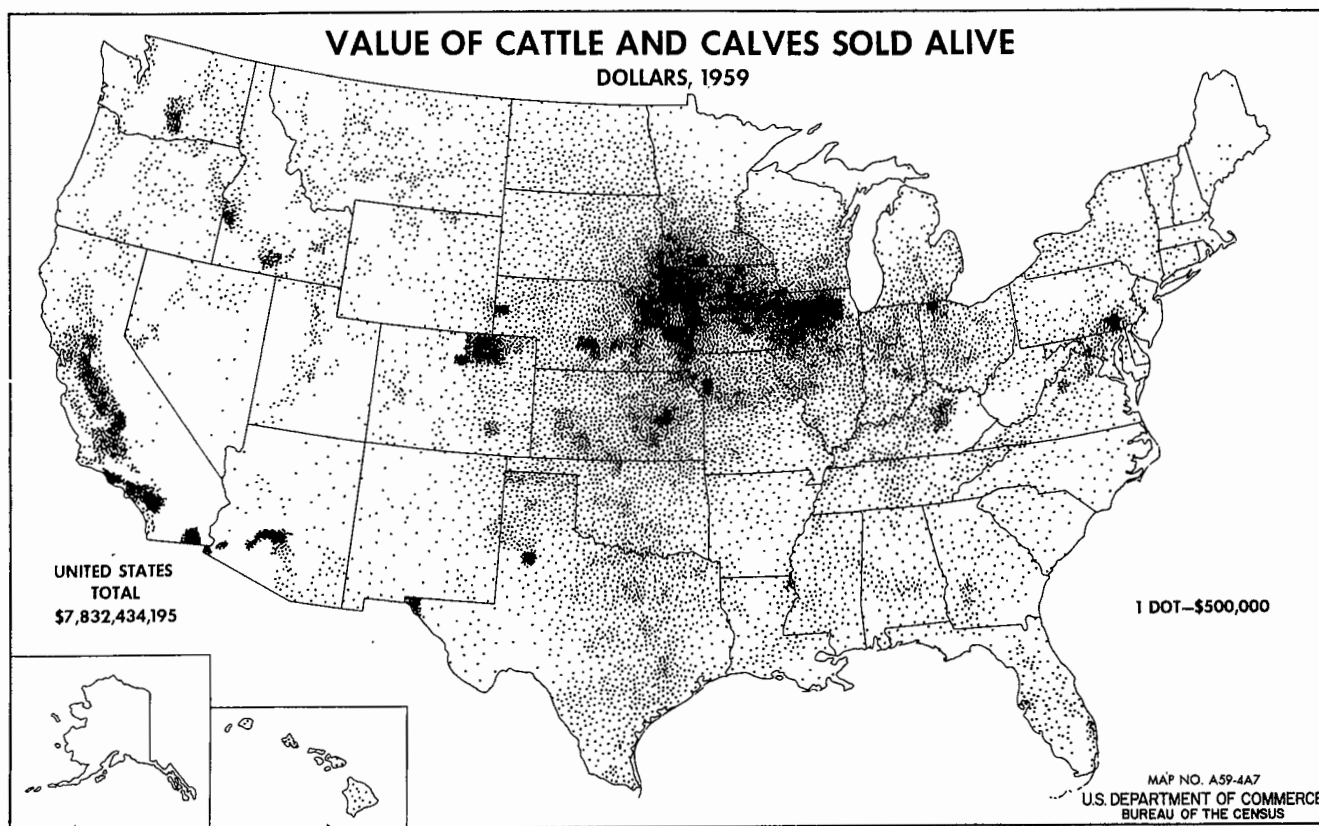
Forest Products Sold.—The value of forest products sold in 1959, \$187 million, was 43.5 percent above the \$130 million reported for 1954. The value represented 0.6 percent of the total value of all farm products sold in 1959 as compared with 0.5 percent for 1954.





Livestock and Poultry and Livestock and Poultry Products Sold.—The total value of sales of livestock and poultry and their products for 1959 was \$17,025 million, or 38.5 percent greater than the \$12,292 million reported in 1954. This total represents 56.1 percent of the total value of all products sold in 1959 as compared with 49.9 in 1954.

Cattle and Calves.—The value of sales of cattle and calves for 1959, \$7,821 million, was 82.6 percent greater than the \$4,283 million reported for 1954. The 1959 total represents 25.8 percent of the total value of all farm products sold as compared with 17.4 percent for 1954.



The cattle and calves sold alive totaled 51.2 million head in 1959, as compared with 44.4 million head sold in 1954. The number of cattle and calves sold includes the number sold for further fattening and growth by other farm operators, as well as those sold for slaughter.

A comparison of the number of cattle and calves sold with the commercial slaughter is given in the following table.

Item	1959			1954		
	Number sold	Commercial slaughter ¹		Number sold	Commercial slaughter ¹	
		Total	Under Federal inspection		Total	Under Federal inspection
(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	
Cattle and calves, total...	51,187	30,614	22,334	44,351	37,763	26,049
Cattle ²	29,480	22,931	17,459	24,223	25,017	18,476
Calves ²	21,727	7,683	4,875	20,128	12,746	7,573

¹ Source: U.S. Department of Agriculture.

² The classification of all cattle as cattle or calves by farm operator and by operators of commercial slaughterhouses is not made on a comparable basis.

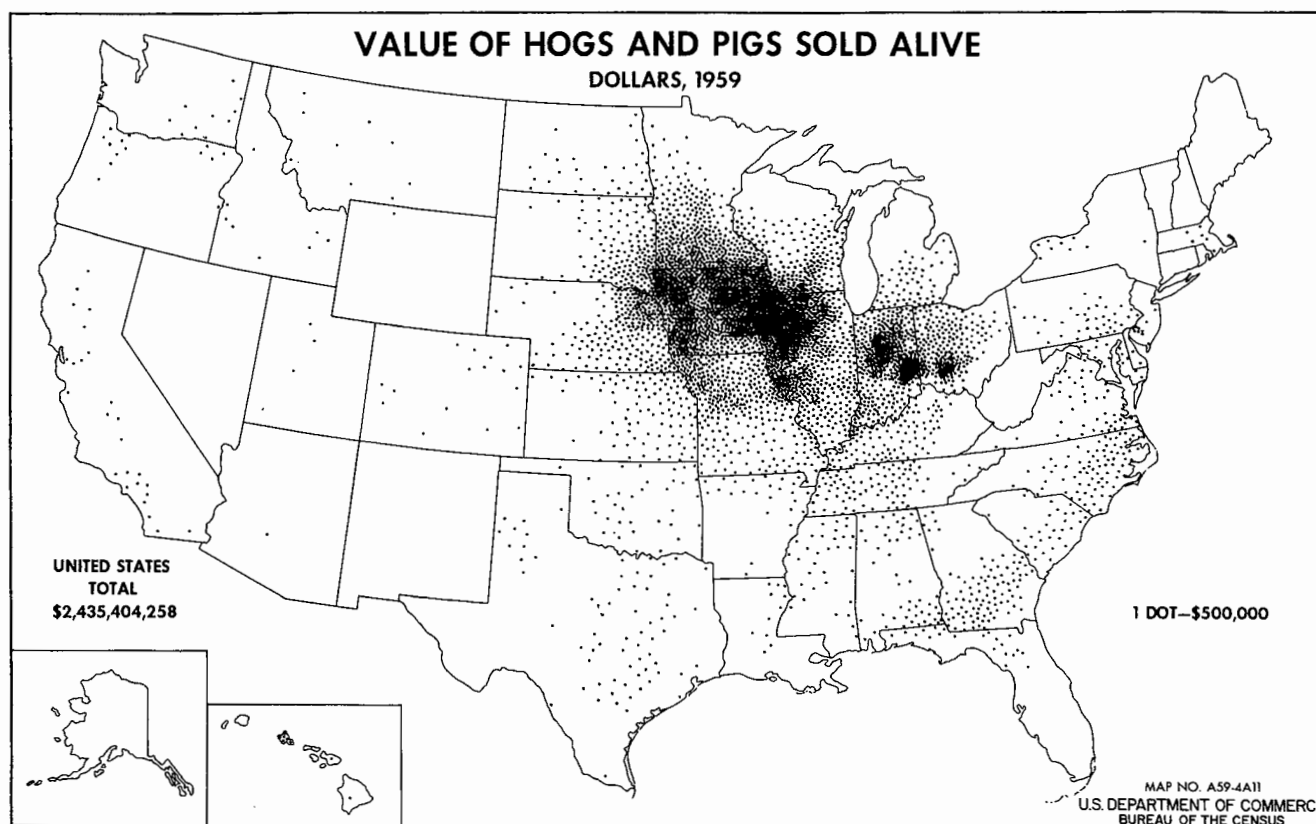
Hogs and Pigs.—The 1959 value of sales for hogs and pigs was \$2,432 million. This is 6.7 percent above the \$2,279 million of sales for 1954.

The number of hogs and pigs sold was 0.9 percent less than the number slaughtered in commercial establishments in 1959 as shown by the following data :

Item	1959			1954		
	Number sold	Commercial slaughter ¹		Number sold	Commercial slaughter ¹	
		Total	Under Federal inspection		Total	Under Federal inspection
(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	
Hogs and pigs sold alive..	80, 820	81, 582	68, 708	57, 419	64, 827	52, 894

¹ Source: U.S. Department of Agriculture.

The census number of hogs and pigs sold includes hogs and pigs sold for further growth and fattening as well as the number of hogs sold for slaughter. The number of hogs and pigs sold as shown by the census appears to be slightly understated.



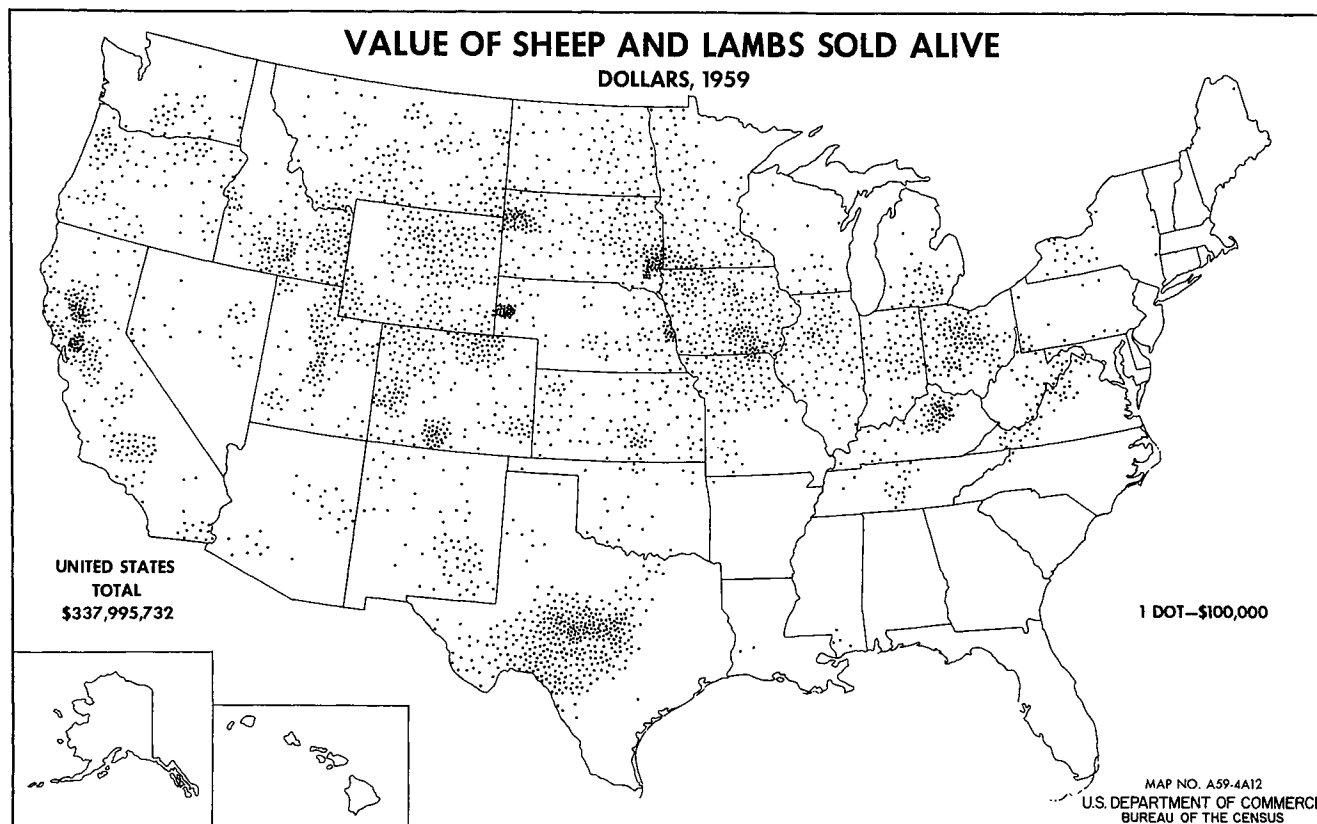
GENERAL REPORT

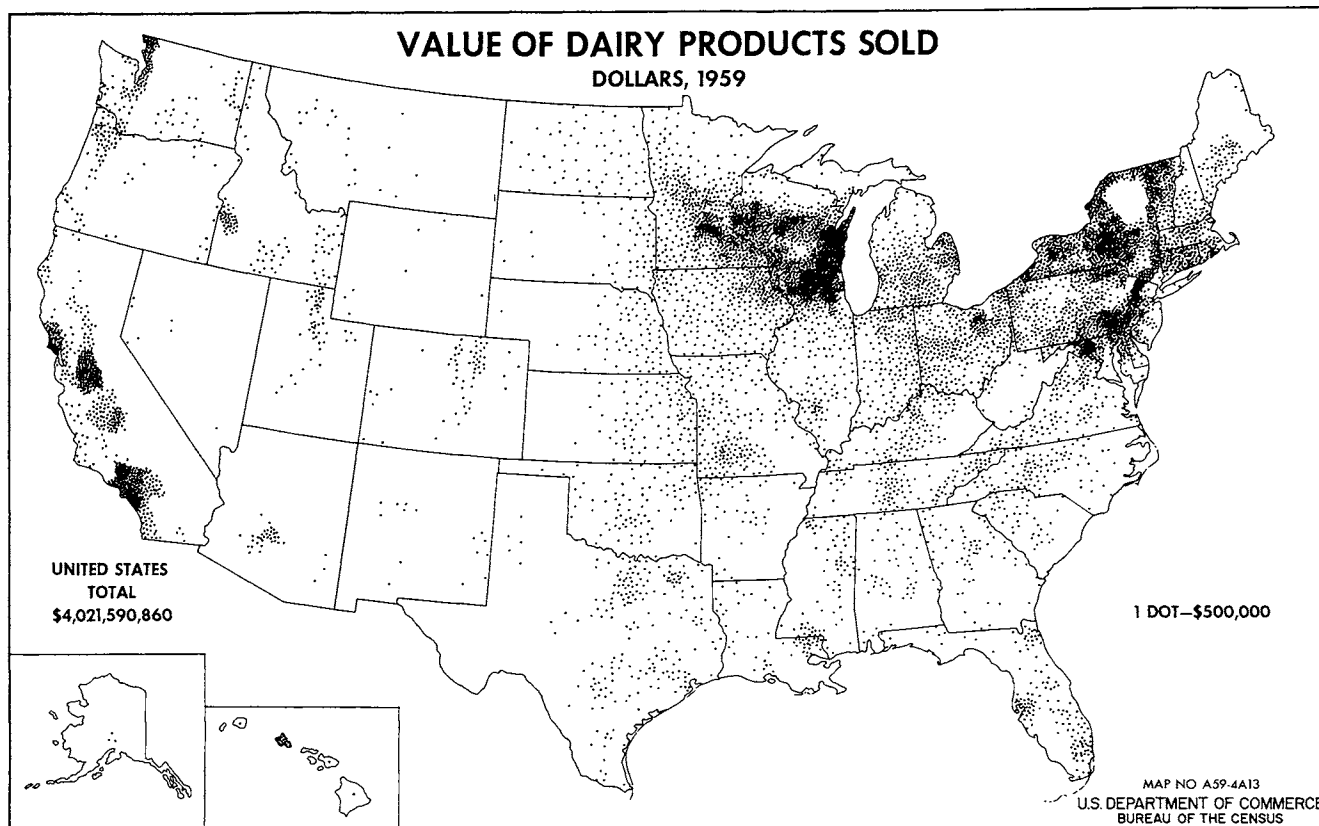
Sheep and Lambs.—For 1959, the value of sheep and lambs sold was \$338 million, or about 3.0 percent above the \$328 million for 1954.

The total sales shown by the census include not only sheep and lambs sold for slaughter but also those sold to other farmers as well as those shipped to stockyards and auction yards for further sale to farm operators for further growth or fattening.

Item	1959			1954		
	Number sold	Commercial slaughter ¹		Number sold	Commercial slaughter ¹	
		Total	Under Federal inspection		Total	Under Federal inspection
	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)
Sheep and lambs.....	25, 391	15, 180	13, 466	22, 336	15, 920	14, 148

¹ Source: U.S. Department of Agriculture.

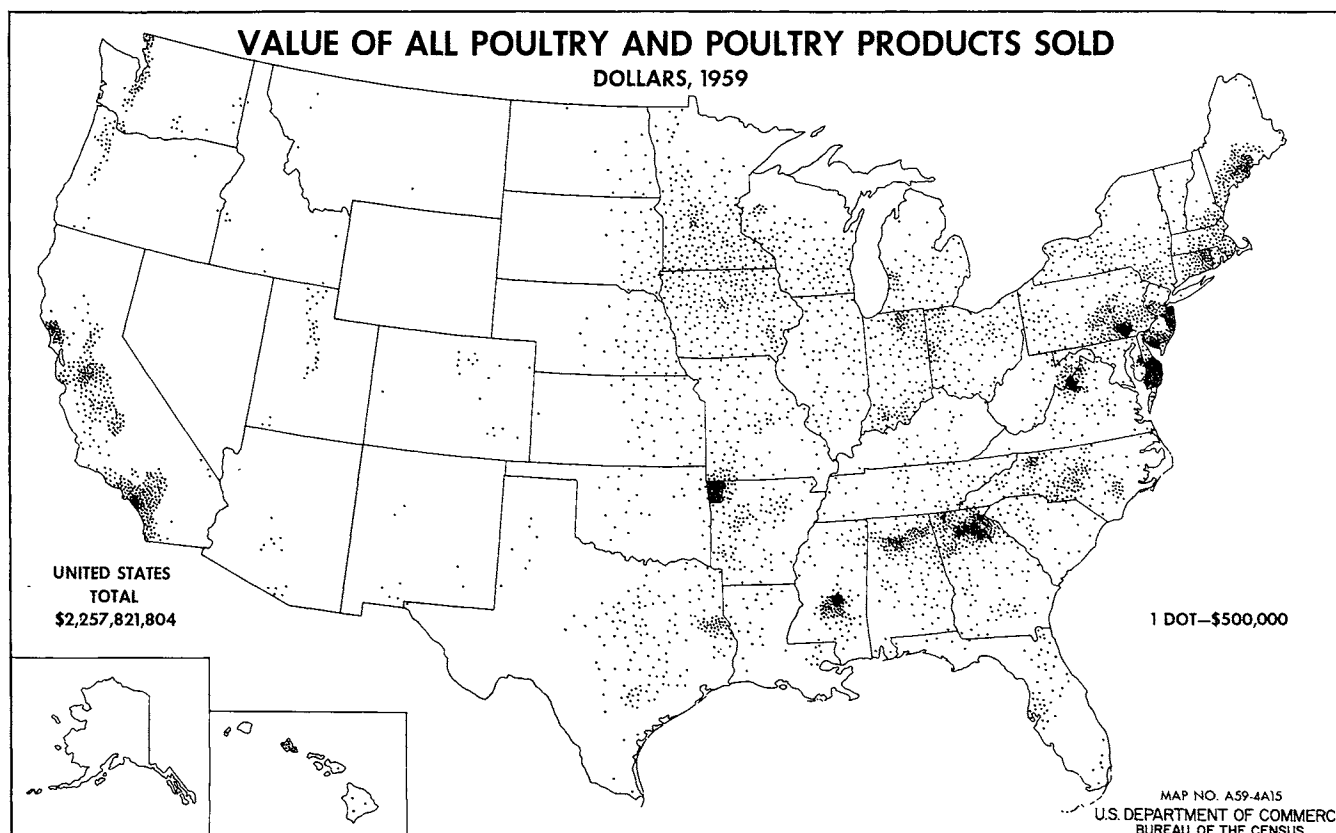


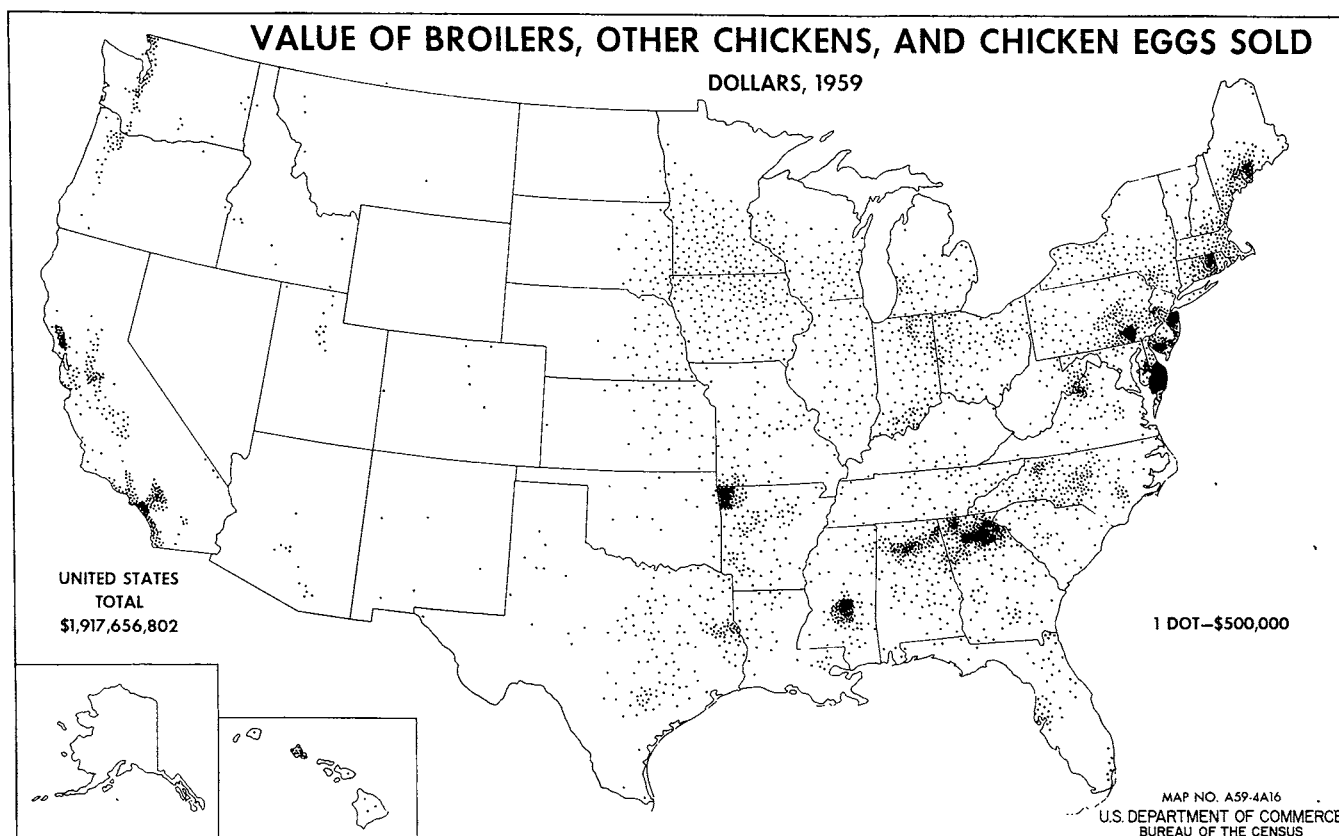


Dairy Products.—The total value of dairy products (milk and cream) sold was \$4,010 million for 1959, or 20.3 percent above the \$3,334 million reported for all dairy products sold for 1954. Sales of milk and cream in 1959 represented 23.6 percent of the

total value of all livestock and poultry and their products sold, and 13.2 percent of the value of all farm products sold.

Chickens.—The value of all chickens sold in 1959 totaled \$855 million, or 22.4 percent more than the \$698 million reported for 1954.





Broilers comprised 87.3 percent of the number of all chickens sold in 1959, compared to 81.8 percent in 1954. The value of broilers sold comprised 87.6 percent of the value of all chickens sold in 1959, compared to 79.9 percent in 1954.

Chicken Eggs.—The value of sales for chicken eggs in 1959 was \$1,056 million, or 15.2 percent above the \$917 million reported for 1954.