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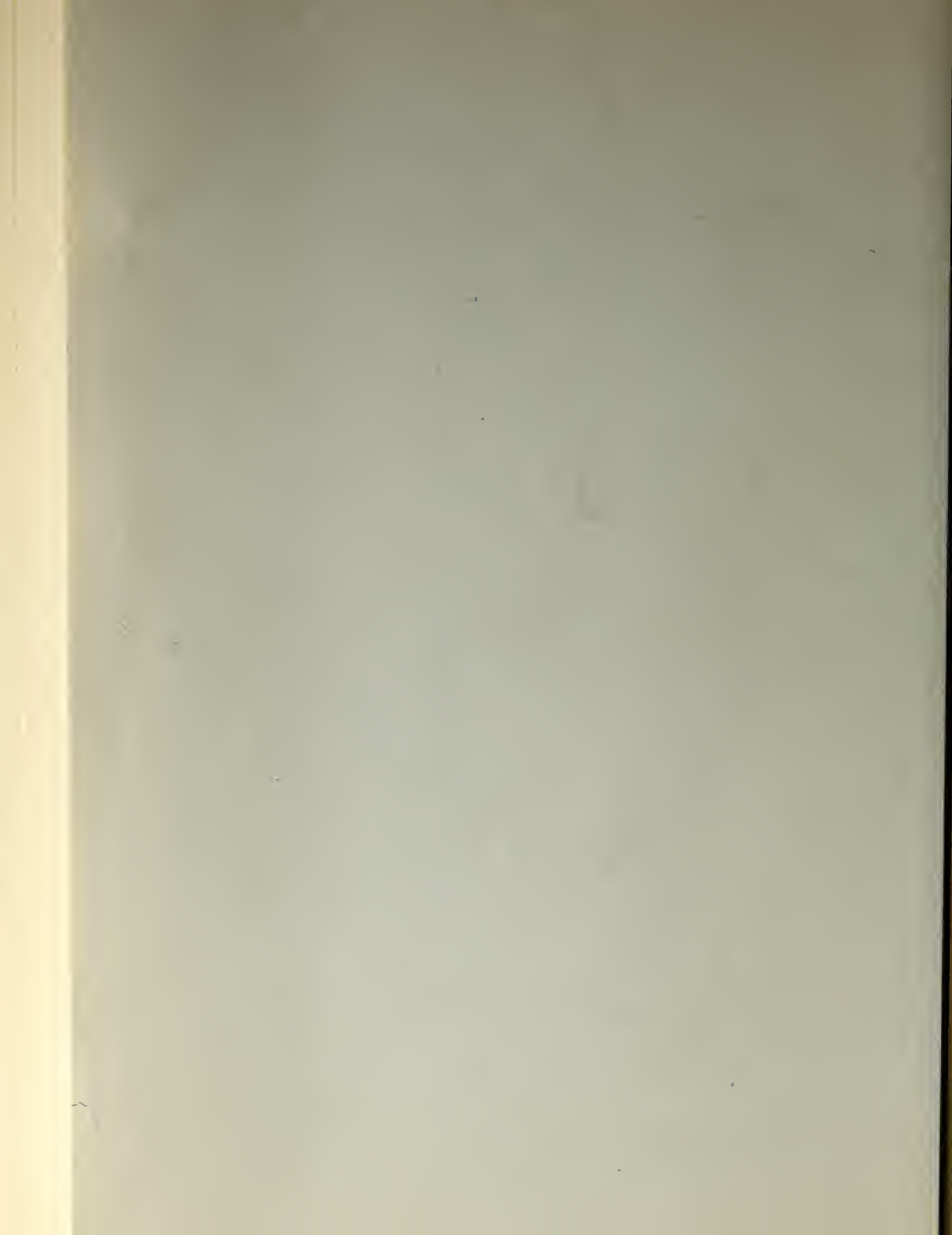
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# COMMERCIAL FLORICULTURE

## Size of Establishment and Crop Specialization of Growers

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U. S. DEPARTMENT OF AGRICULTURE

Marketing Research Report No. 97

**U. S. DEPARTMENT OF AGRICULTURE**  
**AGRICULTURAL MARKETING SERVICE**

Washington, D. C.  
June 1955



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# COMMERCIAL FLORICULTURE

## SIZE OF ESTABLISHMENT AND CROP SPECIALIZATION

### OF GROWERS

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### INTRODUCTION

The purpose of this report and of the research it summarizes is to provide detailed data for commercial growers of floricultural crops by size of establishment and by crop specialization. All of the data were obtained by special tabulations from Bureau of the Census figures. This report is confined to summary data for the United States. To the extent that rules of disclosure permit, comparable information by States and geographic divisions is available. Examples of this kind of information are reports and related tabular data, which have been presented before meetings of gladiolus, carnation, and potted plant growers.

Tabular data for the United States are presented in the same order as in summary tables 1 through 6, pages 30 to 38, of Volume V, Part 1, Horticultural Specialties, of the 1950 Census of Agriculture. It is expected that this report and other data can be used in relation to data found in Marketing Research Report No. 33, Trade in Horticultural Specialties, A Statistical Compendium published by the Department of Agriculture. Data for nursery and bulb crops, comparable to this report for floriculture, are being published by the Department as Commercial Ornamental Horticulture, Size of Establishment and Crop Specialization of Growers.

Columns of reference data identified as "total" in the tabular information are in complete agreement with publications of the Bureau of the Census, with the exception of numbers of units of plants, flowers, or bunches, for which rounding of numbers in the special tabulations results in slight discrepancies. In the "total" columns the calculations based on numbers of units of plants, flowers, or bunches are shown as originally published, without rounding of numbers.

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1/ Initial steps in the research were taken while the author was employed by the Bureau of the Census to conduct the 1950 Census of Horticultural Specialties. From this enumeration, special tabulations were purchased from the Bureau of the Census by the Foundation for Floriculture of the Society of American Florists and the Agricultural Marketing Service. These data were transmitted to the Marketing Research Division, Agricultural Marketing Service, U. S. Department of Agriculture, where this United States summary was prepared in the Horticultural Crops Section of the Market Organization and Costs Branch. The report was prepared under authority of the Agricultural Marketing Act of 1946 (RMA, Title II).

Definitions and Explanations.--Tabular data and discussion by size of establishment are based on the complete enumeration for 1949. Classifications for size of establishment relate to wholesale value of the crops which is the most desirable "common denominator" of those available for values which may be used to study the crop production of the various kinds of growers. Among wholesale growers, this value is comparable to that of total sales. Wholesale value of crops grown and sold by retail growers may vary from high to low percentages of their total sales, which may include retail sales of their own or purchased crops, accessories, and services.

Tabular data and discussion for specialization are based on establishments which reported wholesale values of floricultural crops amounting to \$25,000 or more in 1949 and of which 50 percent or more of the value was the specified crop or group of crops.

Relative amounts of the various kinds of crop production included in the sample for analysis of specialized growers are indicated in table 1.

In 1949 more than two-thirds of the wholesale value of floricultural <sup>2/</sup> crops grown and sold in the United States was accounted for by establishments with a volume of \$25,000 or more. Among these growers, about 86 percent of the production came from establishments specialized to the extent that 50 percent or more of the wholesale value was in one of the seven major groups of crops. These specialized growers of groups of crops accounted for nearly 60 percent of the wholesale value of the floricultural crop production of the United States in 1949.

Growers reporting wholesale values in excess of \$25,000 per establishment accounted for less than 50 percent of the production of crops such as plants, cuttings, etc., sold for "growing on" (these are young plants bought for further growth), and chrysanthemums grown under glass, and more than 90 percent of the production of greenhouse crops such as gardenias, orchids, and roses. Specialization of these growers ranged from 5 percent of their greenhouse chrysanthemum production to more than 90 percent of outdoor crops such as asparagus plumosus and gladiolus.

---

<sup>2/</sup> For purposes of this report, the term "commercial floriculture" includes production of propagated mushrooms and vegetables grown under glass. This procedure was necessitated by the inclusion of these food crops in the 1950 Census of Horticultural Specialties. With this exception, definitions of terms used in the text of this report may be found in Appendix D of Marketing Research Report No. 33, Trade in Horticultural Specialties, A Statistical Compendium, published by the Department of Agriculture. Definitions and explanations of terms used in the tables may be found on pages 23 and 24 of Volume V, Part 1, Horticultural Specialties, of the 1950 Census of Agriculture.

Table 1.-Floriculture: Wholesale value of crops marketed by kind of crop production, United States, 1949

Item	Wholesale value			
	: Establishments report- : ing less than \$25,000 :	: Establishments reporting more than \$25,000 : Specialized	: Total :	: Percentage of : Amount: of total : : Amount: of total : : 1,000 : dollars
	Percent of total	Percent of total	Percent of total	Percent of total
	dollars	dollars	dollars	dollars
	1,000	1,000	1,000	1,000
Plants, cuttings, etc., sold :				
for growing on .....	30,591	14,650	48	9,140
Cut flowers grown under glass ..	93,479	68,394	73	62,205
Carnations .....	19,909	12,901	65	7,500
Chrysanthemums .....	13,776	5,907	43	313
Gardenias .....	4,018	3,958	98	1,602
Orchids .....	8,139	7,573	93	4,644
Roses .....	30,582	29,737	97	24,138
Potted plants grown under glass:	36,744	28,092	76	21,846
Cut flowers grown under cloth ..	3,894	2,150	55	1,072
Crops grown outdoors and :				
under lath .....	26,202	15,748	60	14,284
Asparagus plumosus .....	2,903	1,718	59	1,604
Gladiolus .....	14,868	10,940	74	10,356
Propagated mushrooms .....	14,566	10,836	74	10,812
Vegetables grown under glass ..	13,046	8,913	68	8,524
Total .....	218,522	148,783	68	127,883
				86

## PART I--SIZE OF ESTABLISHMENT

Sales.--Nearly two-thirds of the growers reported the annual production and sale of less than \$10,000 of wholesale value of floricultural crops (including propagated mushrooms and greenhouse vegetables). Retail selling accounted for more than three-fourths of the volume of business of these small growers. Three-fourths of the small growers conducted retail business, which amounted to an annual average of about \$12,500 per establishment. Wholesale sales were made by more than half of the small growers at the average rate of about \$3,500 per establishment, annually.

Relative importance of retail trade to the volume of sales of growers consistently decreased with increases in amounts of crop production. More than 250 establishments reported crop production with a wholesale value of \$100,000 to \$249,999. These establishments accounted for 17 percent of the crop production. Ninety percent of their business was wholesale sales, more than half of which were made to wholesale establishments.

Less than 1 percent, or 100, of the growers reported production with a wholesale value of \$250,000 or more per establishment. They accounted for more than one-fifth of the crop production. Only about 6 percent of their sales were retail. Their wholesale sales averaged about \$470,000 per establishment. About half of their wholesale sales were made to wholesale establishments.

About 1,800 growers accounted for more than two-thirds of the crop production. They reported production of \$25,000 or more of wholesale value per establishment. This limited number of large establishments accounted for less than one-fourth of the retail sales of growers. To the 10,650 smaller growers, retail selling amounted to a greater percentage of sales than did wholesale selling.

Employment.--Proprietors of unincorporated establishments accounted for nearly one-third of the labor force of growers who produced less than \$10,000 of wholesale value annually. In establishments of this size, unpaid family workers accounted for nearly one-fourth of the labor force. More than half of the paid employees were part-time or seasonal employees in these small grower operations.

Unpaid family workers accounted for small percentages of the labor force of growers reporting \$25,000 or more of wholesale value per establishment. In establishments of this size, paid employees ranged from 75 percent to nearly all of the labor force. Year-round employees accounted for two-thirds to three-fourths of the paid employees of growers of this size.

Labor required for crop production and wholesale and retail sales of growers ranged from an average of 3 persons per establishment among small growers to more than 85 persons per establishment among those producing more than \$250,000 of wholesale value per year.

Specified Expenditures.--Wages and salaries paid to officers of corporations ranged from about \$3,250 annually per officer of small growers to about

\$8,750 per officer of the 71 corporations which produced \$250,000 or more of wholesale value per establishment.

Year-round employees of small growers received an average annual wage of about \$1,750 per person. The average wage per full-time employee consistently increased with increases in size of establishment. Those employed by growers producing more than \$250,000 of wholesale value per year received an average annual wage of about \$2,500.

The cost of manure and fertilizer ranged from 2 to 4 percent of the wholesale value of the crops. The cost of insecticides and fungicides ranged from less than 1 percent to nearly 1.5 percent. The cost of seeds, plants, and bulbs for planting amounted to more than 11 percent of the wholesale value of the crops produced in small establishments. With increases in size of establishment, this item of expense consistently decreased to little more than 5 percent of the wholesale value of \$250,000 and over.

The cost of fuel for heating greenhouses amounted to an average of 8 to 9 cents per square foot in all of the classifications for size of business. The cost of coal ranged from little more than \$7.50 a ton in the larger establishments to about \$10 a ton in the smaller establishments. Similarly, the cost of fuel oil increased from 6 cents a gallon in the large places to 10 cents a gallon in the smaller places.

Amounts expended for advertising averaged about 1 percent of total sales. Small growers, among which retail sales accounted for high percentages of the business, spent more than 1 percent of total sales on advertising. Among larger growers, the amounts spent for advertising were less than 1 percent.

Structures and Equipment.--The average amount of greenhouse area per grower having such facilities ranged from little more than 6,000 square feet among small growers to more than 325,000 square feet (about 7.5 acres) among the 82 growers of greenhouse crops who produced \$250,000 or more of wholesale value per establishment.

Of the greenhouse area used primarily for florists' crops, nearly 45 percent was accounted for by establishments with production of less than \$25,000 of wholesale value per establishment. Rates of productivity per square foot were low in these small establishments because some of the area was used for display purposes and some was used only seasonally for crop production.

The wholesale value of production per square foot of land covered by glass averaged about \$1.25 in greenhouses operated by 1,365 larger growers. These greenhouses accounted for about 55 percent of the greenhouse area used primarily for florists' crops.

Crops.--More than 50 percent of the planting stock, bedding plants, etc., grown for sale was produced in establishments reporting less than \$25,000 of wholesale value of crops per year. High percentages of specified crops grown for sale, such as propagated azaleas, carnations, chrysanthemums, foliage or green plants, hydrangeas, poinsettias, and roses, were produced



by large establishments. High percentages of geraniums and bedding and vegetable plants propagated and sold for growing on were produced in small establishments.

Among cut flowers grown under glass, relatively high percentages of carnations, chrysanthemums, lilies, other bulb crops, and miscellaneous crops were produced by small growers. Gardenias, orchids, and roses were greenhouse cut flower crops of which high percentages were produced by large growers.

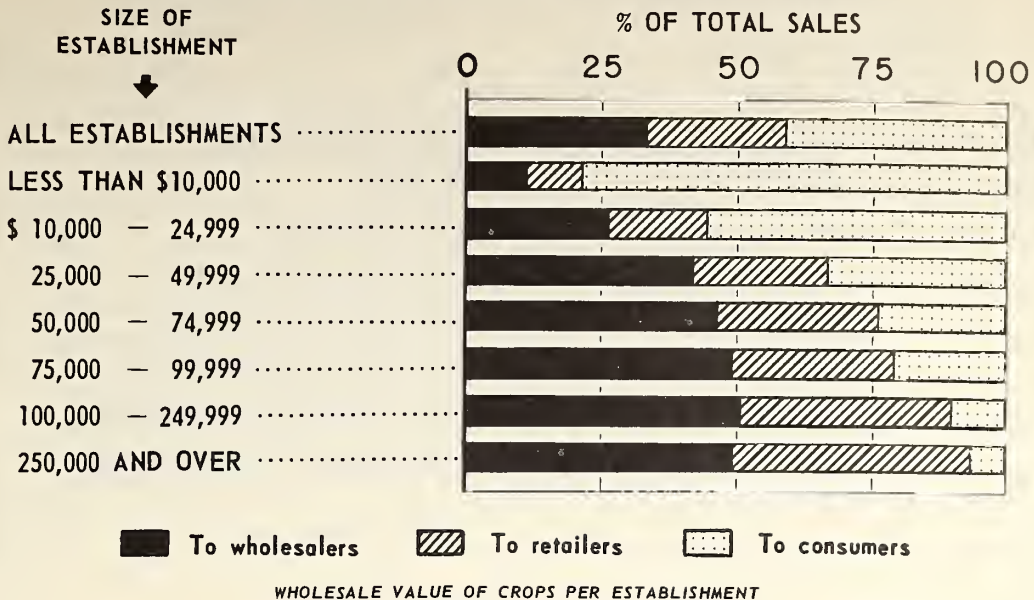
Small growers produced high percentages of greenhouse potted plant crops such as begonias, lilies, and other bulb crops. African violets, azaleas, foliage or green plants, hydrangeas, poinsettias, roses, and miscellaneous crops as finished potted plants were accounted for in high percentages by the larger establishments.

High percentages of clothhouse cut flower crops were produced by small establishments. With the exception of gladiolus and asparagus plumosus major portions of outdoor and lathhouse crops were also produced by small establishments. Gladiolus in particular and asparagus plumosus to a lesser degree were largely accounted for by large growers.

Type of Organization.--More than 70 percent of the growers were individual proprietorships, more than 20 percent were partnerships, and the remainder were corporations. From 80 percent in the group of smallest establishments, individual proprietorships decreased with increases in size of establishment to a position of about 7 percent in the largest size classification. The corporative type of organization accounted for nearly three-fourths of the establishments which produced \$250,000 or more of wholesale value. Partnerships accounted for nearly a third of the establishments of intermediate sizes and lower percentages of the very small and very large growers.

*Floriculture, by Size of Establishment, 1949*

## CHANNELS OF SALES BY GROWERS



U. S. DEPARTMENT OF AGRICULTURE

NEG. 1624-55 (5)

AGRICULTURAL MARKETING SERVICE

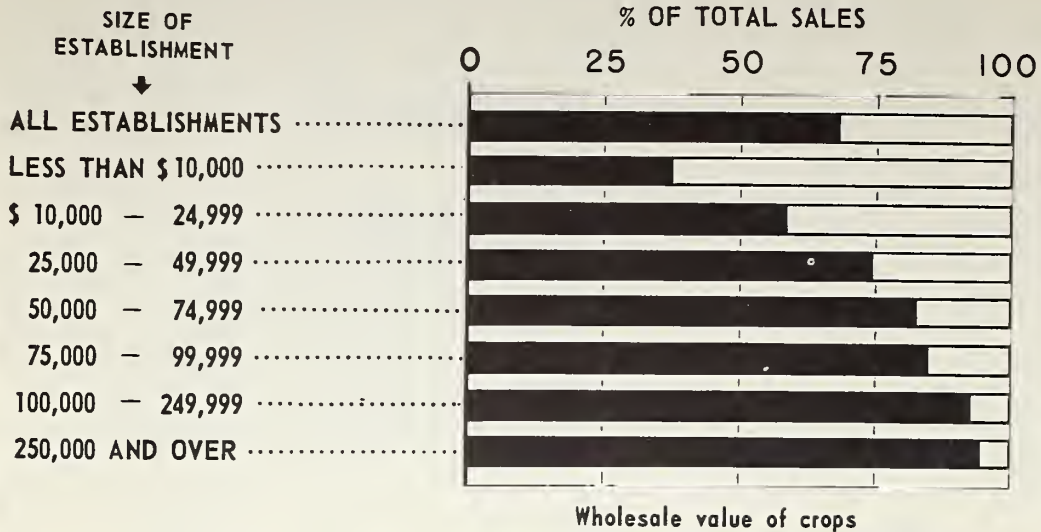
Figure 1.--One-third of the sales of growers of floricultural crops were made to wholesale establishments and one-fourth of the volume of their business was wholesale sales to other establishments. About 40 percent of the business of growers was retail sales of their own and purchased commodities, accessories, and services. The percentage of growers' sales which were retail ranged from more than 75 percent for small growers to less than 10 percent for growers producing crops with a wholesale value of more than \$100,000 per establishment.

Floriculture: Sales of growers by kind of sale, by size of establishment, United States, 1949

Item	Percentage of total sales		
	Wholesale sales to		Retail sales
	Wholesale establishments	Other establishments	
Wholesale value of crops per establishment:	Percent	Percent	Percent
All establishments	33.6	25.2	41.2
Less than \$10,000	11.5	10.6	77.9
\$10,000 to 24,999	26.6	17.8	55.6
25,000 to 49,999	41.4	24.6	34.0
50,000 to 74,999	46.2	30.3	23.5
75,000 to 99,999	49.1	30.3	20.6
100,000 to 249,999	50.8	39.5	9.7
250,000 and over	49.0	44.8	6.2

*Floriculture, by Size of Establishment, 1949*

**CROP VALUE RELATED TO SALES**



WHOLESALE VALUE OF CROPS PER ESTABLISHMENT

U. S. DEPARTMENT OF AGRICULTURE

NEG. 1625-55 (5)

AGRICULTURAL MARKETING SERVICE

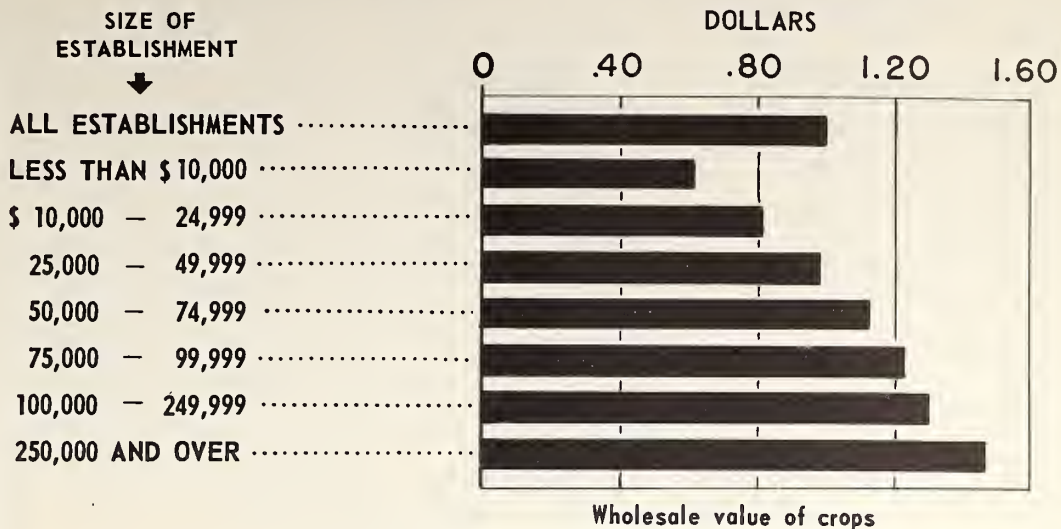
Figure 2.--Wholesale value of crops grown and sold by growers of floricultural crops amounted to more than two-thirds of the value of their sales. Wholesale value of crops of small growers amounted to little more than one-third of the value of their sales. Importance of crop production to their business consistently increased with increases in volume of production by growers. Among growers producing crops with a wholesale value of more than \$100,000 per establishment the wholesale value of their crops amounted to more than 90 percent of sales.

Floriculture: Wholesale value of crops related to total sales of growers, by size of establishment, United States, 1949

Item	Percentage of total sales
	Percent
Wholesale value of crops per establishment:	
All establishments	67.9
Less than \$10,000	37.4
\$10,000 to 24,999	58.4
25,000 to 49,999	74.6
50,000 to 74,999	82.4
75,000 to 99,999	84.6
100,000 to 249,999	92.6
250,000 and over	94.1

Floriculture, by Size of Establishment, 1949

**CROP VALUE PER SQ. FT. OF GREENHOUSE**



WHOLESALE VALUE OF CROPS PER ESTABLISHMENT

U. S. DEPARTMENT OF AGRICULTURE

NEG. 1626-55 (5)

AGRICULTURAL MARKETING SERVICE

Figure 3.--Wholesale value of greenhouse floricultural crop production amounted to a dollar per square foot of greenhouse area. Two-thirds of the ground area covered by glass is ordinarily devoted to crop production in beds or benches, and one-third is devoted to walks or aisles and operation. Growers producing less than \$10,000 of wholesale value of floricultural crops per establishment accounted for nearly one-fourth of the greenhouse area but produced a value of only 62 cents per square foot or less than two-thirds of the industry average. Growers reporting more than \$100,000 of wholesale value per establishment were producing at the rate of at least twice as much or more than \$1.30 per square foot of greenhouse area.

Floriculture: Wholesale value of crops per square foot of greenhouse area by size of establishment, United States, 1949

Item	Wholesale value per square foot
	Dollars
Wholesale value of crops per establishment:	
All establishments .....	1.01
Less than \$10,000 .....	.62
\$10,000 to 24,999 .....	.81
25,000 to 49,999 .....	.98
50,000 to 74,999 .....	1.13
75,000 to 99,999 .....	1.23
100,000 to 249,999 .....	1.30
250,000 and over .....	1.47

## Floriculture, by Size of Establishment, 1949

### LABOR FORCE BY KIND OF EMPLOYMENT

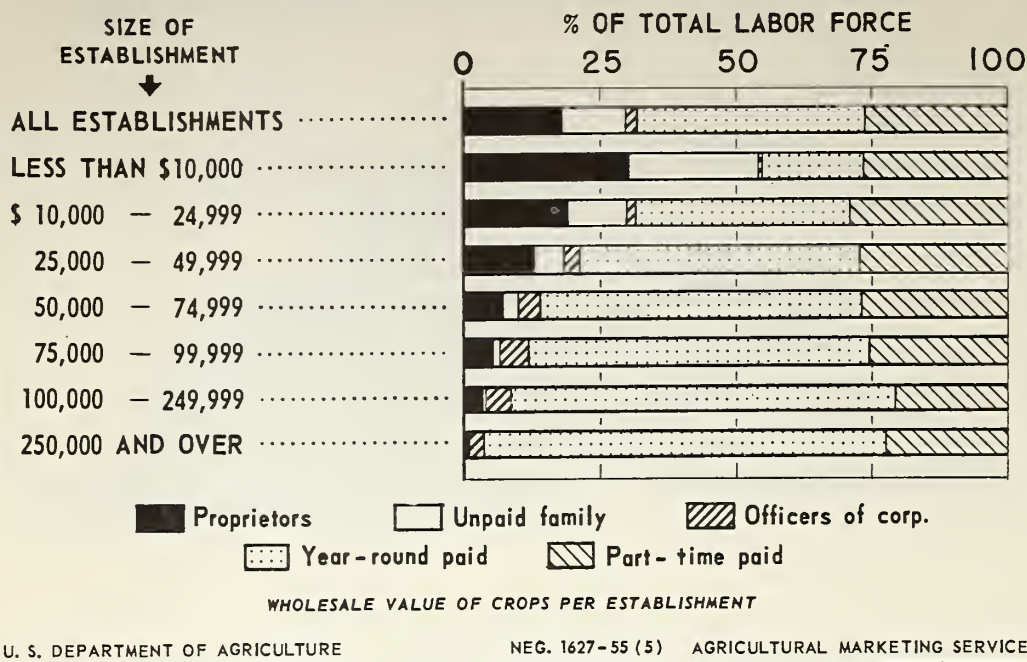


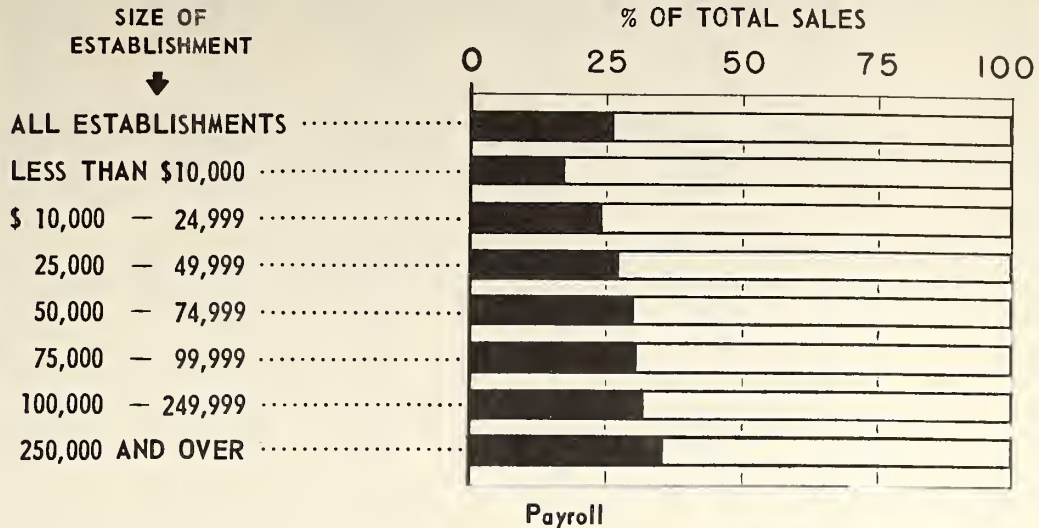
Figure 4.--Paid employees accounted for two-thirds of the labor force of growers of floricultural crops. Part-time paid employees consistently accounted for 20 to 30 percent of the labor force in the various sized establishments. Year-round paid employees ranged from less than 20 percent of the labor force of small growers to about 75 percent of the labor force of large growers. Unpaid family labor ranged from about one-fourth of the labor force in small establishments to negligible amounts in those which reported more than \$50,000 of wholesale value of crops produced.

Floriculture: Labor force by kind of employment, by size of establishment, United States, 1949

Item	Percentage of labor force classified as				
	Proprietors of unincorporated establishments	Unpaid family labor	Paid officers of corporations	Paid employees : Year-round	Part-time
Wholesale value of crops per establishment:	Percent	Percent	Percent	Percent	Percent
All establishments	18.0	12.0	2.2	41.7	26.1
Less than \$10,000	30.5	23.6	.8	18.6	26.5
\$10,000 to 24,999	19.0	10.7	1.8	39.2	29.3
25,000 to 49,999	12.9	5.1	3.1	51.5	27.4
50,000 to 74,999	7.4	2.9	4.3	58.9	26.5
75,000 to 99,999	5.3	1.2	5.4	62.7	25.4
100,000 to 249,999	3.5	.4	4.6	70.7	20.8
250,000 and over	.8	.1	3.0	73.9	22.2

Floriculture, by Size of Establishment, 1949

**PAYROLL RELATED TO SALES**



WHOLESALE VALUE OF CROPS PER ESTABLISHMENT

U. S. DEPARTMENT OF AGRICULTURE

NEG. 1628-55 (5)

AGRICULTURAL MARKETING SERVICE

Figure 5.--Payrolls, which included the cost of labor for conducting retail trade, amounted to more than one-fourth of the sales of growers of floricultural crops. Payrolls amounted to about one-sixth of the sales of small growers and more than one-third of the sales of large growers. In spite of decreasing amounts of retail trade as grower establishments become larger, payroll becomes increasingly important with increases in the volume of production per grower.

Floriculture: Payroll related to total sales of growers, by size of establishment, United States, 1949

Item	Percentage of total sales
	Percent
Wholesale value of crops per establishment:	
All establishments	26.2
Less than \$10,000	16.8
\$10,000 to 24,999	24.1
25,000 to 49,999	27.6
50,000 to 74,999	30.2
75,000 to 99,999	30.8
100,000 to 249,999	32.1
250,000 and over	35.7

Table 2.—Floriculture: Sales and value of crops at wholesale prices, by size of establishment, United States, 1949

Item	Establishments with value of crops at wholesale prices of—									
	: Unit	: Total	: Less than \$10,000	: \$10,000 to \$24,999	: \$25,000 to \$49,999	: \$50,000 to \$74,999	: \$75,000 to \$99,999	: \$100,000 to \$249,999	: \$250,000 and over	
<b>Sales</b>										
<b>Total</b>										
Establishments reporting.....	: Number	12,427	8,189	2,465	957	319	140	256	101	
Percentage distribution.....	: Percent	100.0	65.9	19.8	7.7	2.6	1.1	2.1	0.8	
Value.....	: Dollar	321,924,403	84,610,429	65,145,306	43,699,434	23,354,409	14,216,633	40,354,008	50,544,384	
Average per establishment reporting.....	: do	25,905	10,332	26,428	45,663	73,211	101,547	157,633	500,439	
Percentage distribution.....	: Percent	100.0	26.3	20.2	13.6	7.3	4.4	12.5	15.7	
<b>Wholesale</b>										
Establishments reporting.....	: Number	9,112	5,265	2,120	919	314	137	256	101	
Percentage distribution.....	: Percent	100.0	57.8	23.3	10.1	3.4	1.5	2.8	1.1	
Value.....	: Dollar	189,445,801	18,708,310	28,914,903	28,823,141	17,859,255	11,291,359	36,450,264	47,398,569	
Average per establishment reporting.....	: do	20,791	3,553	13,639	31,364	56,877	82,419	142,383	469,293	
Percentage of total sales.....	: Percent	58.8	22.1	44.4	66.0	76.5	79.4	90.3	93.8	
Percentage distribution.....	: do	100.0	9.9	15.3	15.2	9.4	6.0	19.2	25.0	
<b>To wholesale establishments</b>										
Establishments reporting.....	: Number	5,467	2,875	1,497	685	243	103	188	76	
Percentage distribution.....	: Percent	100.0	50.7	26.4	12.1	4.3	1.8	3.3	1.4	
Value.....	: Dollar	108,197,026	9,790,912	17,327,071	18,084,217	10,787,077	6,978,818	20,500,229	24,768,702	
Average per establishment reporting.....	: do	19,092	3,392	11,574	26,400	44,391	67,756	109,044	325,904	
Percentage of all wholesale.....	: Percent	57.1	52.1	59.9	62.7	60.4	61.8	56.2	52.2	
Percentage distribution.....	: do	100.0	9.0	16.0	16.7	10.0	6.5	18.9	22.9	
<b>To retail and other establishments</b>										
Establishments reporting.....	: Number	5,440	3,337	1,141	487	181	75	150	69	
Percentage distribution.....	: Percent	100.0	61.3	21.0	8.9	3.3	1.4	2.8	1.3	
Value.....	: Dollar	81,248,775	8,957,398	11,587,832	10,738,924	7,072,178	4,312,541	15,950,035	22,629,867	
Average per establishment reporting.....	: do	14,935	2,684	10,156	22,051	39,073	57,500	106,334	327,969	
Percentage of all wholesale.....	: Percent	42.9	47.9	40.1	37.3	39.6	38.2	43.8	47.7	
Percentage distribution.....	: do	100.0	11.0	14.3	13.2	8.7	5.3	19.6	27.9	
<b>Retail</b>										
Establishments reporting.....	: Number	6,981	5,304	1,122	335	100	42	56	22	
Percentage distribution.....	: Percent	100.0	76.0	16.1	4.8	1.4	0.6	0.8	0.3	
Value.....	: Dollar	132,478,802	65,902,119	36,230,403	14,876,293	5,495,154	2,925,274	3,903,744	3,145,815	
Average per establishment reporting.....	: do	18,977	12,425	32,291	44,407	54,952	69,649	69,710	142,992	
Percentage of total sales.....	: Percent	41.2	77.9	55.6	34.0	23.5	20.6	9.7	6.2	
Percentage distribution.....	: do	100.0	49.7	27.4	11.2	4.2	2.2	2.9	2.4	
<b>Value of crops at wholesale prices</b>										
Establishments reporting.....	: Number	12,427	8,189	2,465	957	319	140	256	101	
Percentage distribution.....	: Percent	100.0	65.9	19.8	7.7	2.6	1.1	2.1	0.8	
Value.....	: Dollar	218,521,723	31,658,028	38,082,045	32,596,173	19,242,435	12,022,696	37,364,038	47,556,308	
Average per establishment reporting.....	: do	17,590	3,866	15,449	34,061	60,321	85,876	145,953	470,854	
Percentage of total sales.....	: Percent	67.9	37.4	58.4	74.6	82.4	84.6	92.6	94.1	
Percentage distribution.....	: do	100.0	14.5	17.4	14.9	8.8	5.5	17.1	21.8	





Table 4.—Floriculture: Specified expenditures, by size of establishment, United States, 1949

Item	Establishments with value of crops at wholesale prices of—									
	: Unit	: Total	: Less than \$10,000	: \$10,000 to \$24,999	: \$25,000 to \$49,999	: \$50,000 to \$74,999	: \$75,000 to \$99,999	: \$100,000 to \$249,999	: \$250,000 and over	
<b>Specified expenditures</b>										
Total		12,127	6,189	2,465	957	319	140	256	101	
Establishments reporting	: Number	100.0	65.9	19.8	7.7	2.6	1.1	2.1	0.8	
Percentage distribution	: Percent	100.0	65.9	19.8	7.7	2.6	1.1	2.1	0.8	
Amount expended	: Dollar	139,162,990	25,101,576	26,015,809	19,835,752	11,802,972	7,443,864	21,587,652	27,375,365	
Average per establishment reporting	: do	11,198	3,065	10,554	20,727	37,000	53,170	84,327	271,043	
Percentage distribution	: Percent	100.0	18.0	18.7	14.3	8.5	5.3	15.5	19.7	
<b>Wages and salaries paid</b>										
Officers of corporations	: Number	724	130	149	128	86	53	107	71	
Establishments reporting	: Number	100.0	17.9	20.6	17.7	11.9	7.3	14.8	9.8	
Percentage distribution	: Percent	100.0	17.9	20.6	17.7	11.9	7.3	14.8	9.8	
Amount expended	: Dollar	8,886,521	759,386	974,969	1,157,457	964,001	763,979	1,927,361	2,331,368	
Average per establishment reporting	: do	12,277	5,918	6,543	9,043	11,209	14,415	18,013	32,836	
Average per person	: do	5,070	3,246	3,421	4,061	4,725	5,162	5,894	8,732	
Percentage distribution	: Percent	100.0	8.7	11.0	13.0	10.8	8.6	21.7	26.2	
<b>All other paid employees</b>										
Establishments reporting	: Number	9,839	5,651	2,417	955	319	140	256	101	
Percentage distribution	: Percent	100.0	57.4	24.6	9.7	3.3	1.4	2.6	1.0	
Amount expended	: Dollar	84,417,839	14,202,952	15,731,762	12,058,779	7,063,317	4,376,959	12,937,377	18,046,699	
Average per establishment reporting	: do	8,580	2,513	6,509	12,627	22,142	31,264	50,537	178,680	
Percentage of total sales	: Percent	26.2	16.8	24.1	27.6	30.2	30.8	32.1	35.7	
Percentage distribution	: do	100.0	16.8	18.6	14.3	8.1	5.2	15.3	21.4	
<b>Year-round employees</b>										
Establishments reporting	: Number	6,553	2,733	2,091	920	312	140	256	101	
Percentage distribution	: Percent	100.0	41.7	31.9	14.0	4.8	2.1	3.9	1.6	
Amount expended	: Dollar	68,294,921	9,754,005	12,118,981	9,608,423	5,931,649	3,712,015	10,969,544	16,200,304	
Average per establishment reporting	: do	10,422	3,569	5,796	10,444	19,012	26,514	42,850	160,399	
Average per person	: do	2,102	1,769	1,959	2,051	2,104	2,159	2,163	2,496	
Percentage distribution	: Percent	100.0	14.3	17.7	14.1	8.7	5.4	16.1	23.7	
<b>Part-time or seasonal employees</b>										
Establishments reporting	: Number	8,193	4,807	1,980	773	249	111	195	78	
Percentage distribution	: Percent	100.0	58.7	24.2	9.4	3.0	1.4	2.4	0.9	
Amount expended	: Dollar	16,122,918	4,448,947	3,612,781	2,450,356	1,131,668	664,944	1,967,833	1,846,389	
Average per establishment reporting	: do	1,968	926	1,825	3,170	4,545	5,990	10,091	23,672	
Percentage distribution	: Percent	100.0	27.6	22.4	15.2	7.0	4.1	12.2	11.5	
<b>Manure and fertilizer</b>										
Establishments reporting	: Number	12,062	7,890	2,429	941	315	137	251	99	
Percentage distribution	: Percent	100.0	65.4	20.2	7.8	2.6	1.1	2.1	0.8	
Amount expended	: Dollar	6,800,819	1,175,412	1,483,158	1,188,953	506,848	368,612	838,291	1,239,545	
Average per establishment reporting	: do	564	149	611	1,263	1,609	2,690	3,340	12,521	
Percentage of value of all crops	: Percent	3.1	3.7	3.9	3.6	2.6	3.1	2.2	2.6	
Percentage distribution	: do	100.0	17.3	21.8	17.5	7.5	5.4	12.3	18.2	

Continued—

Table 4.—Floriculture: Specified expenditures, by size of establishment, United States, 1949 — Continued

Item	Unit	Total	Establishments with value of crops at wholesale prices of —									
			Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 to \$74,999	\$75,000 to \$99,999	\$100,000 to \$249,999	\$250,000 and over			
<b>Insecticides and fungicides</b>												
Establishments reporting.....	:Number	11,769	7,746	2,321	912	312	136	242	100			
Percentage distribution.....	:Percent	100.0	65.8	19.7	7.7	2.7	1.2	2.1	0.8			
Amount expended.....	:Dollar	2,141,759	457,280	463,458	319,110	169,321	120,446	300,261	311,863			
Average per establishment reporting.....	:do	182	59	200	350	543	886	1,241	3,119			
Percentage of value of all crops.....	:Percent	1.0	1.4	1.2	1.0	0.9	1.0	0.8	0.7			
Percentage distribution.....	:do	100.0	21.4	21.6	14.9	7.9	5.6	14.0	14.6			
<b>Seeds, plants and bulbs for planting</b>												
Establishments reporting.....	:Number	11,348	7,502	2,264	858	288	128	222	86			
Percentage distribution.....	:Percent	100.0	66.1	20.0	7.6	2.5	1.1	1.9	0.8			
Amount expended.....	:Dollar	17,280,428	3,585,148	3,461,652	2,347,682	1,530,628	862,363	2,901,445	2,591,512			
Average per establishment reporting.....	:do	1,523	478	1,529	2,736	5,315	6,737	13,070	30,134			
Percentage of value of all crops.....	:Percent	7.9	11.3	9.1	7.2	8.0	7.2	7.8	5.4			
Percentage distribution.....	:do	100.0	20.7	20.0	13.6	8.9	5.0	16.8	15.0			
<b>Fuel</b>												
Amount expended.....	:Dollar	16,507,208	3,854,871	3,247,054	2,353,377	1,356,109	822,035	2,391,036	2,482,726			
Cost per square foot of greenhouse area.....	:do	0.09	0.09	0.08	0.08	0.09	0.08	0.09	0.09			
<b>Coal</b>												
Establishments reporting.....	:Number	7,285	4,745	1,498	547	198	90	148	59			
Percentage distribution.....	:Percent	100.0	65.1	20.6	7.5	2.7	1.3	2.0	0.8			
Tons.....	:Number	1,390,277	287,823	274,934	195,578	123,141	76,796	202,455	229,550			
Amount expended.....	:Dollar	12,311,067	2,889,949	2,604,424	1,788,761	1,012,793	637,089	1,619,363	1,758,688			
Average per establishment reporting.....	:do	1,690	609	1,739	3,270	5,115	7,079	10,942	29,808			
Average per ton.....	:do	8.86	10.04	9.47	9.15	8.22	8.30	8.00	7.66			
Percentage distribution.....	:Percent	100.0	23.5	21.2	14.5	8.2	5.2	13.1	14.3			
<b>Fuel oil</b>												
Establishments reporting.....	:Number	2,188	1,315	449	182	87	35	84	36			
Percentage distribution.....	:Percent	100.0	60.1	20.5	8.3	4.0	1.6	3.8	1.7			
Gallons.....	:Number	42,826,989	7,626,529	6,379,249	5,366,720	3,217,498	2,016,052	9,409,679	8,811,262			
Amount expended.....	:Dollar	3,288,313	780,124	518,090	420,184	288,198	147,377	631,403	502,967			
Average per establishment reporting.....	:do	1,503	593	1,154	2,309	3,313	4,211	7,517	13,971			
Average per gallon.....	:do	0.08	0.10	0.08	0.08	0.09	0.07	0.07	0.06			
Percentage distribution.....	:Percent	100.0	23.7	15.7	12.8	8.8	4.5	19.2	15.3			
<b>Gas for heating</b>												
Establishments reporting.....	:Number	959	590	166	105	28	17	38	15			
Percentage distribution.....	:Percent	100.0	61.5	17.3	10.9	2.9	1.8	4.0	1.6			
Amount expended.....	:Dollar	907,798	184,798	121,540	144,432	55,118	37,569	140,270	221,071			
Average per establishment reporting.....	:do	947	313	750	1,376	1,968	2,210	3,691	14,738			
Percentage distribution.....	:Percent	100.0	20.4	13.7	15.9	6.1	4.1	15.4	24.4			
<b>Advertising</b>												
Establishments reporting.....	:Number	9,263	6,176	1,756	668	255	108	213	87			
Percentage distribution.....	:Percent	100.0	66.7	19.0	7.2	2.7	1.2	2.3	0.9			
Amount expended.....	:Dollar	3,126,436	1,056,527	653,756	410,394	212,750	129,470	291,861	371,658			
Average per establishment reporting.....	:do	338	171	372	614	834	1,199	1,370	4,272			
Percentage of total sales.....	:Percent	1.0	1.2	1.0	0.9	0.9	0.9	0.7	0.7			
Percentage distribution.....	:do	100.0	33.8	20.9	13.1	6.8	4.2	9.3	11.9			

Table 5.—Floriculture: Structures and equipment, April 1, 1950, by size of establishment in 1949, United States

Item	Establishments with value of crops at wholesale prices of—									
	Unit	Total	Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 to \$74,999	\$75,000 to \$99,999	\$100,000 to \$249,999	\$250,000 and over	
<b>Value of land, structures and equipment</b>										
Establishments reporting.....	Number:	12,427	8,189	2,465	957	319	140	256	101	
Percentage distribution.....	Percent:	100.0	65.9	19.8	7.7	2.6	1.1	2.1	0.8	
Value.....	Dollar:	329,235,021	105,541,599	70,316,719	44,620,941	23,967,695	14,237,268	33,709,175	36,844,624	
Average per establishment reporting.....	do	26,494	12,888	28,526	46,626	75,134	101,695	131,676	364,768	
Percentage distribution.....	Percent:	100.0	32.1	21.4	13.5	7.3	4.3	10.2	11.2	
<b>Greenhouse area</b>										
Establishments reporting.....	Number:	9,875	6,417	1,986	764	282	122	222	82	
Percentage distribution.....	Percent:	100.0	65.0	20.1	7.7	2.9	1.2	2.3	0.8	
Area.....	Sq. ft.:	187,324,139	41,032,926	38,477,384	27,722,284	15,809,770	10,054,601	27,265,919	26,961,255	
Average per establishment reporting.....	Sq. ft.:	18,970	6,394	19,374	36,286	56,063	82,415	122,819	328,796	
Crop value per square foot.....	Dollar:	0.93	0.59	0.76	0.91	1.05	1.01	1.15	1.36	
Percentage distribution.....	Percent:	100.0	21.9	20.5	14.8	8.4	5.4	14.6	14.4	
<b>Used primarily for florist's crops</b>										
Establishments reporting.....	Number:	9,396	6,189	1,811	714	265	106	202	79	
Percentage distribution.....	Percent:	100.0	65.9	19.6	7.6	2.8	1.1	2.1	0.9	
Area.....	Sq. ft.:	159,917,237	36,922,198	32,779,315	23,710,664	13,464,430	7,079,544	21,823,034	24,138,055	
Crop value per square foot.....	Dollar:	1.01	0.62	0.81	0.98	1.13	1.23	1.30	1.47	
Percentage distribution.....	Percent:	100.0	23.1	20.5	14.8	8.4	4.4	13.7	15.1	
<b>Used primarily for vegetable crops</b>										
Establishments reporting.....	Number:	768	374	234	83	27	20	27	3	
Percentage distribution.....	Percent:	100.0	48.7	30.5	10.8	3.5	2.6	3.5	0.4	
Area.....	Sq. ft.:	27,406,902	4,110,728	5,698,069	4,011,620	2,345,340	2,975,060	5,442,885	2,823,200	
Crop value per square foot.....	Dollar:	0.48	0.35	0.48	0.50	0.54	0.49	0.52	0.48	
Percentage distribution.....	Percent:	100.0	15.0	20.8	14.6	8.6	10.8	19.9	10.3	
<b>Greenhouse bench or bed area</b>										
With gravel culture in 1949										
Establishments reporting.....	Number:	191	120	31	13	6	4	11	6	
Percentage distribution.....	Percent:	100.0	62.8	16.2	6.8	3.1	2.1	5.8	3.2	
Area.....	Sq. ft.:	609,220	87,365	197,277	33,788	54,012	67,224	58,000	107,554	
Crop value per square foot.....	Dollar:	100.0	14.4	32.6	5.6	8.9	11.1	9.6	17.8	
Percentage distribution.....	Percent:	100.0	10.6	16.1	13.0	6.8	11.2	32.2	10.1	
With automatic watering or subirrigation in 1949										
Establishments reporting.....	Number:	458	163	109	70	33	21	39	23	
Percentage distribution.....	Percent:	100.0	35.6	23.8	15.3	7.2	4.6	8.5	5.0	
Area.....	Sq. ft.:	6,982,802	744,134	1,125,618	910,009	476,634	780,612	2,248,127	700,668	
Percentage distribution.....	Percent:	100.0	10.6	16.1	13.0	6.8	11.2	32.2	10.1	
<b>With black cloth treatment in 1949</b>										
Establishments reporting.....	Number:	1,129	399	360	186	52	32	66	34	
Percentage distribution.....	Percent:	100.0	35.3	31.9	16.5	4.6	2.8	5.9	3.0	
Area.....	Sq. ft.:	3,604,365	376,344	544,929	535,810	249,230	174,754	724,797	1,004,501	
Percentage distribution.....	Percent:	100.0	10.4	15.0	14.9	6.9	4.8	20.1	27.9	

Continued—

Table 5.—Floriculture: Structures and equipment, April 1, 1950, by size of establishment in 1949, United States - Continued

Item	Unit	Total	Establishments with value of crops at wholesale prices of—									
			Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 to \$74,999	\$75,000 to \$99,999	\$100,000 to \$250,000	\$250,000 and over	to	to	to
<b>With artificial lighting in 1949</b>												
Establishments reporting.....	Number	668	252	196	100	34	20	10	20	10	40	26
Percentage distribution.....	Percent	100.0	37.7	29.3	15.0	5.1	3.0	6.0	3.0	6.0	6.0	3.9
Area.....	Sq. ft.	2,158,724	203,288	249,245	213,693	138,446	52,183	410,470	891,399	110,470	891,399	41.3
Percentage distribution.....	Percent	100.0	9.4	11.6	9.9	6.4	2.4	19.0	41.3	19.0	41.3	11.3
<b>With soil sterilization in 1949</b>												
Establishments reporting.....	Number	2,549	1,098	750	336	137	63	115	50	115	50	
Percentage distribution.....	Percent	100.0	43.1	29.4	13.2	5.4	2.5	4.5	1.9	4.5	1.9	
Area.....	Sq. ft.	42,814,422	5,646,714	9,980,026	7,015,088	4,223,446	3,135,391	8,115,782	4,697,975	8,115,782	4,697,975	
Percentage distribution.....	Percent	100.0	13.2	23.3	16.4	9.9	7.3	18.9	11.0	18.9	11.0	
<b>Frame area</b>												
Establishments reporting.....	Number	3,116	2,175	547	220	63	27	60	24	60	24	
Percentage distribution.....	Percent	100.0	69.8	17.6	7.1	2.0	0.8	1.9	0.8	1.9	0.8	
Area.....	Sq. ft.	10,937,716	4,463,027	2,257,369	1,229,851	689,004	279,520	1,005,375	1,013,550	1,005,375	1,013,550	
Percentage distribution.....	Percent	100.0	40.8	20.6	11.2	6.3	2.6	9.2	9.3	9.2	9.3	
<b>Cloth-house area</b>												
Establishments reporting.....	Number	1,117	458	381	156	43	25	37	17	37	17	
Percentage distribution.....	Percent	100.0	41.0	34.1	14.0	3.9	2.2	3.3	1.5	3.3	1.5	
Area.....	Sq. ft.	17,218,835	2,461,445	7,425,082	3,428,064	1,376,090	546,937	1,191,192	781,325	1,191,192	781,325	
Percentage distribution.....	Percent	100.0	14.3	43.1	19.9	8.0	3.2	6.9	4.6	6.9	4.6	
<b>With black cloth treatment in 1949</b>												
Establishments reporting.....	Number	415	133	166	62	21	11	15	7	15	7	
Percentage distribution.....	Percent	100.0	32.0	40.0	14.9	5.1	2.7	3.6	1.7	3.6	1.7	
Area.....	Sq. ft.	4,791,857	656,834	1,875,928	704,746	507,720	218,281	466,568	361,780	466,568	361,780	
Percentage distribution.....	Percent	100.0	13.7	39.1	14.7	10.6	4.6	9.7	7.6	9.7	7.6	
<b>Lath-house area</b>												
Establishments reporting.....	Number	917	534	173	84	49	20	39	18	39	18	
Percentage distribution.....	Percent	100.0	58.2	18.9	9.2	5.3	2.2	4.2	2.0	4.2	2.0	
Area.....	Sq. ft.	50,867,990	14,601,412	8,965,849	7,504,091	5,728,110	1,258,770	8,352,058	4,477,700	8,352,058	4,477,700	
Percentage distribution.....	Percent	100.0	28.7	17.6	14.7	11.3	2.5	16.4	8.8	16.4	8.8	
<b>Storage house floor area</b>												
Establishments reporting.....	Number	2,816	1,513	654	323	116	48	106	56	106	56	
Percentage distribution.....	Percent	100.0	53.7	23.2	11.5	4.1	1.7	3.8	2.0	3.8	2.0	
Area.....	Sq. ft.	5,365,634	1,290,542	1,079,010	862,678	515,511	140,530	719,861	757,502	719,861	757,502	
Percentage distribution.....	Percent	100.0	24.1	20.1	16.1	9.6	2.6	13.1	14.1	13.1	14.1	
<b>Refrigerated storage</b>												
Establishments reporting.....	Number	1,967	1,012	429	227	89	46	115	49	115	49	
Percentage distribution.....	Percent	100.0	51.5	21.8	11.5	4.5	2.3	5.9	2.5	5.9	2.5	
Capacity.....	Cu. ft.	3,255,482	473,161	416,159	437,506	299,309	158,463	555,091	915,793	555,091	915,793	
Percentage distribution.....	Percent	100.0	14.5	12.8	13.4	9.2	4.9	17.1	28.1	17.1	28.1	

Table 6.—Floriculture: Crops sold, by size of establishment, United States, 1949

Item	Establishments with value of crops at wholesale prices of—									
	Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 to \$74,999	\$75,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$2,499,999	\$2,500,000 and over
<b>Crops sold</b>										
Total	100.0	218,521,723	31,658,028	38,082,045	32,596,173	19,212,135	12,022,696	37,364,038	47,556,308	21.8
Value at wholesale prices	14.5	17.4	11.9	8.8	5.5	17.1				
Percentage distribution	14.5	17.4	11.9	8.8	5.5	17.1				
<b>Plants, cuttings, etc. sold for growing on</b>										
Total	100.0	30,591,286	9,540,601	6,100,876	3,842,335	2,923,675	1,315,258	3,081,700	3,486,811	
Value at wholesale prices	14.0	16.8	11.8	15.2	10.9	8.2	10.1			
Percentage of value of all crops	30.1	16.8	11.8	15.2	10.9	8.2	10.1			
Percentage distribution	30.1	16.8	11.8	15.2	10.9	8.2	10.1			
<b>Azaleas</b>										
Establishments reporting	92	14	9	6	3	6	6			12
Percentage distribution	100.0	15.2	9.8	6.5	3.3	6.5	6.5			13.0
Plants	7,516,000	290,000	40,000	1,780,000	69,000	405,000	140,000			1,560,000
Value	1,113,107	49,826	7,354	194,991	11,450	144,910	650,105			650,105
Average per plant	0.15	0.17	0.18	0.11	0.17	0.36	0.14			0.14
Percentage of value of all crops	0.5	0.1	1/	1.0	0.1	0.4	1.4			1.4
Average per establishment reporting	12,099	3,559	817	32,498	3,817	24,152	54,175			54,175
Percentage distribution	100.0	4.5	0.7	17.5	1.0	13.0	58.4			58.4
<b>Carnations</b>										
Establishments reporting	275	87	50	26	8	25	8			8
Percentage distribution	100.0	31.6	18.2	9.5	2.9	9.1	2.9			2.9
Plants	4,524,000	636,000	1,184,000	1,085,000	357,000	877,000	182,000			182,000
Value	435,111	69,615	91,510	118,712	30,530	86,524	21,271			21,271
Average per plant	0.10	0.11	0.08	0.11	0.09	0.10	0.12			0.12
Percentage of value of all crops	0.2	0.2	0.3	0.5	0.3	0.2	1/			1/
Average per establishment reporting	1,582	800	1,830	4,566	3,816	3,461	2,659			2,659
Percentage distribution	100.0	16.0	21.0	27.3	7.0	19.9	4.9			4.9
<b>Chrysanthemums</b>										
Establishments reporting	351	86	53	18	7	24	11			11
Percentage distribution	100.0	24.5	15.1	5.1	2.0	6.9	3.1			3.1
Plants	38,044,000	816,000	3,820,000	3,476,000	1,983,000	6,802,000	20,308,000			20,308,000
Value	1,437,673	50,145	104,711	125,110	64,662	278,799	765,579			765,579
Average per plant	0.04	0.06	0.03	0.04	0.03	0.04	0.04			0.04
Percentage of value of all crops	0.7	0.1	0.3	0.7	0.5	0.7	1.6			1.6
Average per establishment reporting	4,096	583	1,976	6,951	9,237	11,617	69,598			69,598
Percentage distribution	100.0	3.4	3.5	8.7	4.5	19.4	53.2			53.2
<b>Foliage or green plants</b>										
Establishments reporting	612	123	55	19	7	12	9			9
Percentage distribution	100.0	63.2	20.1	9.0	3.1	2.0	1.5			1.5
Plants	35,034,000	3,303,000	5,775,000	4,670,000	1,250,000	6,805,000	8,471,000			8,471,000
Value	3,315,505	299,698	466,570	433,670	114,850	747,610	878,591			878,591
Average per plant	0.09	0.08	0.08	0.09	0.09	0.11	0.10			0.10
Percentage of value of all crops	1.5	0.9	1.4	2.3	1.0	2.0	1.8			1.8
Average per establishment reporting	5,417	774	8,519	22,825	16,407	62,301	97,621			97,621
Percentage distribution	100.0	9.0	11.2	13.1	3.5	22.6	26.5			26.5

1/ Less than 0.05 percent.

Continued—

Table 6.—Floriculture: Crops sold, by size of establishment, United States, 1949 - Continued

Item	Establishments with value of crops at wholesale prices of—									
	: Unit :	: Less than \$10,000 :	: \$10,000 to \$25,000 :	: \$25,000 to \$50,000 :	: \$50,000 to \$75,000 :	: \$75,000 to \$100,000 :	: \$100,000 to \$250,000 :	: \$250,000 to \$500,000 :	: \$500,000 to \$1,000,000 :	: \$1,000,000 and over :
<b>Geraniums</b>										
Establishments reporting.....	:Number:	4,398	835	242	59	27	33			8
Percentage distribution.....	:Percent:	100.0	19.0	5.5	1.3	0.6	0.8			0.2
Plants.....	:Number:	25,668,000	8,028,000	3,741,000	2,135,000	1,018,000	687,000			138,000
Value.....	:Dollar:	5,154,518	1,532,160	759,311	344,432	186,870	174,052			39,610
Average per plant.....	:do:	0.20	0.19	0.20	0.16	0.18	0.25			0.29
Percentage of value of all crops.....	:Percent:	2.4	4.0	2.3	1.8	1.6	0.5			0.1
Average per establishment reporting....	:Dollar:	1,172	1,835	3,138	5,838	6,921	5,274			4,955
Percentage distribution.....	:Percent:	100.0	44.1	14.7	6.7	3.6	3.4			0.8
<b>Hydrangeas</b>										
Establishments reporting.....	:Number:	78	14	11	7	7	10			10
Percentage distribution.....	:Percent:	100.0	17.9	14.1	9.0	9.0	12.8			12.8
Plants.....	:Number:	1,395,000	40,000	34,000	55,000	87,000	698,000			283,000
Value.....	:Dollar:	369,857	2,708	15,117	15,576	21,770	193,396			114,460
Average per plant.....	:do:	0.27	0.01	0.44	0.28	0.25	0.28			0.40
Percentage of value of all crops.....	:Percent:	0.2	1/	1/	0.1	0.2	0.5			0.2
Average per establishment reporting....	:Dollar:	4,742	1/	1,374	2,225	3,110	19,340			11,446
Percentage distribution.....	:Percent:	100.0	0.7	4.1	4.2	5.9	52.3			31.0
<b>Poinsettias</b>										
Establishments reporting.....	:Number:	120	29	30	8	9	13			8
Percentage distribution.....	:Percent:	100.0	24.1	25.0	6.7	7.5	10.8			6.7
Plants.....	:Number:	1,212,000	115,000	208,000	34,000	295,000	385,000			119,000
Value.....	:Dollar:	163,329	18,643	27,594	3,565	31,740	58,146			18,263
Average per plant.....	:do:	0.13	0.16	0.13	0.10	0.11	0.15			0.15
Percentage of value of all crops.....	:Percent:	0.1	1/	0.1	0.1	0.3	0.2			1/
Average per establishment reporting....	:Dollar:	1,361	1/	920	446	3,527	4,473			2,283
Percentage distribution.....	:Percent:	100.0	3.3	16.9	2.2	19.4	35.6			11.2
<b>Roses</b>										
Establishments reporting.....	:Number:	44	4	1	5	-	4			8
Percentage distribution.....	:Percent:	100.0	50.0	2.3	11.3	-	9.1			18.2
Plants.....	:Number:	1,107,000	46,000	4,000	95,000	-	260,000			677,000
Value.....	:Dollar:	283,752	9,181	1,400	16,872	-	53,657			200,280
Average per plant.....	:do:	0.26	0.20	0.35	0.18	-	0.19			0.30
Percentage of value of all crops.....	:Percent:	0.1	1/	1/	0.1	-	0.1			0.4
Average per establishment reporting....	:Dollar:	6,449	1/	1,400	3,374	-	13,414			25,035
Percentage distribution.....	:Percent:	100.0	3.2	0.5	6.0	-	18.9			70.6
<b>Bedding and vegetable plants</b>										
Establishments reporting.....	:Number:	5,938	4,451	292	82	31	48			13
Percentage distribution.....	:Percent:	100.0	75.0	4.9	1.4	0.5	0.8			0.2
Value.....	:Dollar:	16,924,653	6,785,601	2,136,311	1,478,032	775,120	1,259,331			439,295
Percentage of value of all crops.....	:Percent:	7.7	21.4	6.6	7.7	6.4	3.4			0.9
Average per establishment reporting....	:Dollar:	2,850	1,525	7,316	18,025	25,004	26,236			33,792
Percentage distribution.....	:Percent:	100.0	40.1	23.9	8.7	4.6	7.5			2.6
<b>All other stock for growing on</b>										
Establishments reporting.....	:Number:	237	121	20	14	5	10			10
Percentage distribution.....	:Percent:	100.0	51.1	8.4	5.9	2.1	4.2			4.2
Value.....	:Dollar:	1,393,781	199,895	230,427	192,715	78,266	85,275			359,357
Percentage of value of all crops.....	:Percent:	0.6	0.6	0.7	1.0	0.7	0.2			0.8
Average per establishment reporting....	:Dollar:	5,881	1,652	11,521	13,765	15,653	8,528			35,936
Percentage distribution.....	:Percent:	100.0	14.3	16.6	13.8	5.6	6.1			25.8

1/ Less than 0.05 percent.

Continued—

Table 6.—Floriculture: Crops sold, by size of establishment, United States, 1949 - Continued

Item	Unit	Establishments with value of crops at wholesale prices of—									
		Total	Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 to \$74,999	\$75,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 and over
<b>Cut flowers grown under glass, sold</b>											
Total		99,478,944	9,827,418	15,257,723	13,923,533	8,901,145	5,195,623	17,807,752	22,565,750		
Value at wholesale prices.....	:Dollar:	42.8	31.0	40.1	42.7	46.3	43.2	47.7	47.5		
Percentage of value of all crops.....	:Percent:	100.0	10.5	16.3	14.9	9.5	5.6	19.1	24.1		
Percentage distribution.....	:do										
<b>Carnations</b>											
Establishments reporting.....	:Number:	3,535	1,888	987	404	118	42	70	26		
Percentage distribution.....	:Percent:	100.0	53.4	27.9	11.4	3.4	1.2	2.0	0.7		
Flowers.....	:Number:	250,809,000	26,437,000	65,065,000	70,292,000	37,577,000	10,794,000	26,320,000	14,324,000		
Value.....	:Dollar:	19,908,968	2,034,186	4,974,208	5,366,012	3,009,679	784,721	2,516,885	1,223,277		
Average per flower.....	:do	0.08	0.08	0.08	0.08	0.08	0.07	0.10	0.09		
Percentage of value of all crops.....	:Percent:	6.4	6.4	13.1	16.5	15.6	6.5	6.7	2.6		
Average per establishment reporting...	:Dollar:	5,632	1,077	5,040	13,282	25,506	18,684	35,956	47,049		
Percentage distribution.....	:Percent:	100.0	10.2	25.0	27.0	15.1	3.9	12.6	6.2		
<b>Chrysanthemums (standard)</b>											
Establishments reporting.....	:Number:	4,471	2,739	1,131	359	105	45	64	28		
Percentage distribution.....	:Percent:	100.0	61.3	25.3	8.0	2.4	1.0	1.4	0.6		
Flowers.....	:Number:	29,285,000	7,724,416	9,287,000	4,944,000	2,447,000	1,189,000	1,982,000	1,712,000		
Value.....	:Dollar:	5,878,749	1,530,290	1,750,511	1,027,022	457,202	249,953	446,310	417,461		
Average per flower.....	:do	0.20	0.20	0.19	0.21	0.19	0.21	0.23	0.24		
Percentage of value of all crops.....	:Percent:	2.7	4.8	4.6	3.2	2.4	2.1	1.2	0.9		
Average per establishment reporting...	:Dollar:	1,315	559	1,548	2,861	4,354	5,555	6,974	14,909		
Percentage distribution.....	:Percent:	100.0	26.0	29.8	17.5	7.8	4.2	7.6	7.1		
<b>Chrysanthemums (pompon)</b>											
Establishments reporting.....	:Number:	5,021	3,163	1,220	387	107	45	71	28		
Percentage distribution.....	:Percent:	100.0	63.0	24.3	7.7	2.1	0.9	1.4	0.6		
Bunches.....	:Number:	9,295,000	2,543,000	2,960,000	1,583,000	631,000	355,000	676,000	547,000		
Value.....	:Dollar:	7,897,649	2,137,818	2,450,441	1,363,090	537,625	293,970	589,666	525,039		
Average per bunch.....	:do	0.85	0.84	0.83	0.86	0.85	0.83	0.87	0.96		
Percentage of value of all crops.....	:Percent:	3.6	6.8	6.4	4.2	2.8	2.4	1.6	1.1		
Average per establishment reporting...	:Dollar:	1,573	676	2,009	3,522	5,025	6,933	8,305	18,751		
Percentage distribution.....	:Percent:	100.0	27.1	31.0	17.3	6.8	3.7	7.5	6.6		
<b>Gardenias</b>											
Establishments reporting.....	:Number:	143	23	23	23	13	8	28	25		
Percentage distribution.....	:Percent:	100.0	16.1	16.1	16.1	9.1	5.6	19.5	17.5		
Flowers.....	:Number:	26,604,000	119,000	179,000	2,151,000	3,435,000	728,000	8,419,000	11,573,000		
Value.....	:Dollar:	4,018,150	23,437	36,818	327,535	368,964	99,137	1,141,351	2,020,908		
Average per flower.....	:do	0.15	0.20	0.21	0.15	0.11	0.14	0.14	0.17		
Percentage of value of all crops.....	:Percent:	1.8	0.1	0.1	1.0	0.8	0.4	3.1	4.2		
Average per establishment reporting...	:Dollar:	28,099	1,019	1,601	14,241	28,382	12,392	40,763	80,836		
Percentage distribution.....	:Percent:	100.0	0.6	0.9	8.1	9.2	2.5	28.4	50.3		
<b>Lilies</b>											
Establishments reporting.....	:Number:	1,464	745	421	182	39	19	35	23		
Percentage distribution.....	:Percent:	100.0	50.9	28.7	12.4	2.7	1.3	2.4	1.6		
Flowers.....	:Number:	7,251,000	1,161,000	1,643,000	1,149,000	956,000	574,000	864,000	904,000		

Continued—

Table 6.—Floriculture: Crops sold, by size of establishment, United States, 1949 - Continued

Item	Establishments with value of crops at wholesale prices of—									
	: Less than \$10,000	: to \$10,000	: to \$25,000	: to \$50,000	: to \$75,000	: to \$100,000	: to \$150,000	: to \$200,000	: to \$250,000	: to \$300,000
Value.....	1,364,030	327,384	228,533	144,343	110,165	138,421	187,508			
Average per flower.....	0.19	0.20	0.20	0.15	0.19	0.16	0.21			
Percentage of value of all crops.....	0.6	0.7	0.7	0.8	0.9	0.4	0.4			
Average per establishment reporting...:Dollar	92	306	1,256	3,701	5,798	3,955	8,153			
Percentage distribution.....:Percent	100.0	16.7	16.8	10.6	8.1	10.1	13.7			
Bulb crops (other than lily)										
Establishments reporting.....:Number	2,251	632	252	64	29	57	22			
Percentage distribution.....:Percent	100.0	53.1	11.2	2.8	1.3	2.5	1.0			
Flowers.....:Number	44,546,000	8,781,000	7,107,000	2,928,000	1,360,000	11,294,000	7,291,000			
Value.....:Dollar	4,201,040	553,491	693,132	290,108	138,362	1,011,883	648,127			
Average per flower.....:do	0.09	0.10	0.10	0.10	0.10	0.09	0.09			
Percentage of value of all crops.....:Percent	1.9	1.7	2.1	1.5	1.2	2.7	1.4			
Average per establishment reporting...:Dollar	1,866	463	2,751	4,533	4,771	17,752	29,460			
Percentage distribution.....:Percent	100.0	13.2	16.5	6.9	3.3	24.1	15.4			
Orchids (Cattleya)										
Establishments reporting.....:Number	297	45	38	18	14	21	25			
Percentage distribution.....:Percent	100.0	15.1	12.8	6.1	4.7	7.1	8.4			
Flowers.....:Number	5,589,000	241,000	334,000	444,000	416,000	1,545,000	2,421,000			
Value.....:Dollar	7,169,354	173,273	424,429	521,459	547,267	1,796,537	3,485,643			
Average per flower.....:do	1.28	0.72	1.27	1.17	1.32	1.16	1.44			
Percentage of value of all crops.....:Percent	3.3	0.7	1.3	2.7	4.6	4.8	7.3			
Average per establishment reporting...:Dollar	24,139	3,851	11,169	28,970	39,090	85,554	139,426			
Percentage distribution.....:Percent	100.0	3.1	5.9	7.3	7.6	25.1	48.6			
Orchids (other than Cattleya)										
Establishments reporting.....:Number	178	32	29	9	8	12	15			
Percentage distribution.....:Percent	100.0	18.0	16.3	5.1	4.5	6.7	8.4			
Flowers.....:Number	1,161,000	106,000	176,000	60,000	145,000	181,000	398,000			
Value.....:Dollar	969,918	95,243	170,272	63,225	142,548	184,253	237,779			
Average per flower.....:do	0.83	0.90	0.97	1.05	0.98	1.02	0.60			
Percentage of value of all crops.....:Percent	0.4	0.2	0.5	0.3	1.2	0.5	0.5			
Average per establishment reporting...:Dollar	5,449	2,976	5,871	7,025	17,818	15,354	15,852			
Percentage distribution.....:Percent	100.0	7.9	17.6	6.5	14.7	19.0	24.5			
Roses										
Establishments reporting.....:Number	595	126	131	74	44	90	51			
Percentage distribution.....:Percent	100.0	21.2	22.0	12.4	7.4	15.1	8.6			
Flowers.....:Number	289,789,000	10,451,000	30,460,000	37,295,000	30,205,000	118,273,000	162,196,000			
Value.....:Dollar	30,582,022	750,002	2,365,220	2,845,783	2,360,993	9,167,346	12,999,638			
Average per flower.....:do	0.08	0.07	0.08	0.08	0.08	0.08	0.08			
Percentage of value of all crops.....:Percent	14.0	0.3	7.2	14.8	19.6	24.5	27.3			
Average per establishment reporting...:Dollar	51,398	5,952	18,040	38,457	53,659	101,859	254,895			
Percentage distribution.....:Percent	100.0	0.3	7.7	9.3	7.7	30.0	42.5			
All other cut flowers grown under glass										
Establishments reporting.....:Number	4,176	1,069	326	86	44	64	35			
Percentage distribution.....:Percent	100.0	61.1	7.8	2.1	1.1	1.5	0.8			
Flowers.....:Number	11,489,064	3,833,906	1,960,288	662,757	468,507	815,507	820,370			
Value.....:Dollar	5.3	9.2	6.0	3.4	3.9	2.2	1.7			
Average per establishment reporting...:Dollar	2,751	3,586	6,013	7,706	10,648	12,734	23,439			
Percentage distribution.....:Percent	100.0	25.5	17.0	5.8	4.1	7.1	7.1			

Continued—



Table 6.—Floriculture: Crops sold, by size of establishment, United States, 1949 - Continued

Item	Establishments with value of crops at wholesale prices of —									
	Unit	Total	Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 to \$74,999	\$75,000 to \$99,999	\$100,000 to \$249,999	\$250,000 and over	
<b>Potted plants grown under glass, sold</b>										
Total										
Value at wholesale prices.....	Dollar	36,743,696	3,618,290	5,033,820	5,505,223	3,453,111	2,215,319	7,525,146	9,392,687	
Percentage of value of all crops.....	Percent	16.8	11.4	13.2	16.9	17.9	18.4	20.1	19.8	
Percentage distribution.....	do	100.0	9.8	13.7	15.6	9.4	6.0	20.5	25.6	
<b>African violets</b>										
Establishments reporting.....	Number	992	566	221	89	33	18	42	23	
Percentage distribution.....	Percent	100.0	57.1	22.3	9.0	3.3	1.8	4.2	2.3	
Plants.....	Number	2,671,000	231,000	1,570,000	265,000	90,000	82,000	500,000	1,346,000	
Value.....	Dollar	1,116,897	97,291	71,853	106,477	41,639	41,789	255,351	502,437	
Average per plant.....	do	0.42	0.42	0.46	0.40	0.46	0.51	0.51	0.37	
Percentage of value of all crops.....	Percent	0.5	0.3	0.2	0.3	0.2	0.3	0.7	1.1	
Average per establishment reporting..	Dollar	1,126	172	325	1,196	1,262	2,322	6,080	21,848	
Percentage distribution.....	Percent	100.0	8.7	6.4	9.5	3.7	3.8	22.9	45.0	
<b>Azaleas</b>										
Establishments reporting.....	Number	1,928	969	527	223	74	38	65	32	
Percentage distribution.....	Percent	100.0	50.3	27.3	11.6	3.8	2.0	3.4	1.6	
Plants.....	Number	3,407,000	241,000	379,000	383,000	435,000	237,000	690,000	1,042,000	
Value.....	Dollar	4,315,222	278,588	434,304	468,559	540,965	290,457	920,682	1,381,567	
Average per plant.....	do	1.27	1.16	1.15	1.22	1.24	1.23	1.33	1.33	
Percentage of value of all crops.....	Percent	2.0	0.9	1.1	1.4	2.8	2.4	2.5	2.9	
Average per establishment reporting..	Dollar	2,238	288	824	2,102	7,310	7,644	14,164	43,174	
Percentage distribution.....	Percent	100.0	6.5	10.1	10.9	12.5	6.7	21.3	32.0	
<b>Begonias</b>										
Establishments reporting.....	Number	2,476	1,571	551	198	51	29	54	22	
Percentage distribution.....	Percent	100.0	63.4	22.2	8.0	2.1	1.2	2.2	0.9	
Plants.....	Number	3,456,000	871,000	829,000	660,000	203,000	137,000	315,000	441,000	
Value.....	Dollar	1,182,318	291,402	251,702	175,019	84,753	62,535	134,220	182,687	
Average per plant.....	do	0.34	0.33	0.30	0.27	0.42	0.46	0.43	0.41	
Percentage of value of all crops.....	Percent	0.5	0.9	0.7	0.5	0.4	0.5	0.4	0.4	
Average per establishment reporting..	Dollar	478	185	457	884	1,662	2,156	2,486	8,304	
Percentage distribution.....	Percent	100.0	24.6	21.3	14.8	7.2	5.3	11.4	15.4	
<b>Foliage or green plants</b>										
Establishments reporting.....	Number	2,507	1,503	571	235	72	31	60	35	
Percentage distribution.....	Percent	100.0	60.0	22.8	9.4	2.8	1.2	2.4	1.4	
Plants.....	Number	37,811,000	2,853,000	4,487,000	5,861,000	3,571,000	1,903,000	10,166,000	8,970,000	
Value.....	Dollar	9,842,266	636,642	843,718	1,401,284	867,454	480,101	2,250,157	3,362,910	
Average per plant.....	do	0.25	0.22	0.19	0.24	0.24	0.25	0.22	0.37	
Percentage of value of all crops.....	Percent	4.5	2.0	2.2	4.3	4.5	6.0	7.1	7.1	
Average per establishment reporting..	Dollar	3,926	424	1,478	5,963	12,048	15,487	37,503	96,083	
Percentage distribution.....	Percent	100.0	6.5	8.6	14.2	8.8	4.9	22.8	34.2	
<b>Hydrangeas</b>										
Establishments reporting.....	Number	2,111	1,045	586	255	80	39	74	32	
Percentage distribution.....	Percent	100.0	49.5	27.8	12.1	3.8	1.8	3.5	1.5	
Plants.....	Number	3,382,000	2,611,000	403,000	453,000	361,000	257,000	809,000	838,000	

Continued—

Table 6.—Floriculture: Crops sold, by size of establishment, United States, 1949 - Continued

Item	Establishments with value of crops at wholesale prices of—									
	: Unit :	: Total :	: Less than \$10,000 :	: \$10,000 to \$24,999 :	: \$25,000 to \$49,999 :	: \$50,000 to \$74,999 :	: \$75,000 to \$99,999 :	: \$100,000 to \$249,999 :	: \$250,000 and over :	
Value.....	:Dollar :	4,197,117	282,979	531,772	585,871	480,939	336,776	987,302	991,478	
Average per plant.....	: do :	1.26	1.08	1.32	1.29	1.33	1.31	1.22	1.18	
Percentage of value of all crops.....	:Percent :	1.9	0.9	1.4	1.8	2.5	2.8	2.6	2.1	
Average per establishment reporting.....	:Dollar :	1,988	271	907	2,298	6,012	8,635	13,342	30,984	
Percentage distribution.....	:Percent :	100.0	6.7	12.7	14.0	11.5	8.0	13.5	23.6	
Lilies										
Establishments reporting.....	:Number :	2,800	1,518	778	285	82	36	67	34	
Percentage distribution.....	:Percent :	100.0	54.2	27.8	10.2	2.9	1.3	2.4	1.2	
Plants.....	:Number :	2,831,000	467,000	631,000	572,000	253,000	162,000	349,000	397,000	
Value.....	:Dollar :	3,555,517	568,831	798,263	708,840	305,601	216,162	447,998	509,822	
Average per plant.....	: do :	1.26	1.22	1.27	1.24	1.21	1.33	1.28	1.28	
Percentage of value of all crops.....	:Percent :	1.6	1.8	2.1	2.2	1.6	1.8	1.2	1.1	
Average per establishment reporting.....	:Dollar :	1,270	375	1,026	2,487	3,727	6,004	6,687	14,995	
Percentage distribution.....	:Percent :	100.0	16.0	22.5	19.9	8.6	6.1	12.6	14.3	
Bulb crops (other than Lily)										
Establishments reporting.....	:Number :	2,508	1,429	654	238	69	30	59	29	
Percentage distribution.....	:Percent :	100.0	57.0	26.1	9.5	2.7	1.2	2.3	1.2	
Plants.....	:Number :	3,247,000	629,000	768,000	537,000	244,000	253,000	457,000	459,000	
Value.....	:Dollar :	3,293,236	644,392	775,074	544,322	217,078	187,866	461,924	465,580	
Average per plant.....	: do :	0.98	1.02	1.01	1.01	0.89	0.74	1.01	1.01	
Percentage of value of all crops.....	:Percent :	1.5	2.0	2.0	1.7	1.1	1.5	1.2	1.0	
Average per establishment reporting.....	:Dollar :	1,313	449	1,195	2,287	3,146	6,262	7,859	16,054	
Percentage distribution.....	:Percent :	100.0	19.5	23.5	16.5	6.6	5.7	14.0	14.2	
Poinsettias										
Establishments reporting.....	:Number :	2,356	1,159	679	279	90	41	75	33	
Percentage distribution.....	:Percent :	100.0	49.2	28.8	11.9	3.8	1.7	3.2	1.4	
Plants.....	:Number :	3,708,000	365,000	721,000	677,000	435,000	241,000	705,000	564,000	
Value.....	:Dollar :	4,715,209	428,851	801,509	845,629	571,887	318,260	977,256	771,817	
Average per plant.....	: do :	1.27	1.18	1.11	1.25	1.31	1.32	1.39	1.37	
Percentage of value of all crops.....	:Percent :	2.2	1.4	2.1	2.6	3.0	2.6	2.6	1.6	
Average per establishment reporting.....	:Dollar :	2,001	370	1,180	3,031	6,354	7,762	13,030	23,388	
Percentage distribution.....	:Percent :	100.0	9.1	17.0	17.9	12.1	6.8	20.7	16.4	
Roses										
Establishments reporting.....	:Number :	574	221	155	93	33	17	37	18	
Percentage distribution.....	:Percent :	100.0	38.5	27.0	16.2	5.8	3.0	6.4	3.1	
Plants.....	:Number :	571,000	32,000	51,000	98,000	109,000	39,000	112,000	130,000	
Value.....	:Dollar :	713,647	40,009	64,534	127,478	118,186	56,518	143,993	162,929	
Average per plant.....	: do :	1.26	1.26	1.27	1.30	1.08	1.45	1.29	1.25	
Percentage of value of all crops.....	:Percent :	0.3	0.1	0.2	0.4	0.4	0.5	0.4	0.3	
Average per establishment reporting.....	:Dollar :	1,243	181	416	1,371	3,581	3,325	3,892	9,052	
Percentage distribution.....	:Percent :	100.0	5.6	9.0	17.9	16.5	7.9	20.2	22.8	
All other potted plants grown under glass										
Establishments reporting.....	:Number :	1,300	632	337	179	41	24	57	30	
Percentage distribution.....	:Percent :	100.0	48.6	25.9	13.8	3.2	1.8	4.4	2.3	
Plants.....	:Number :	3,812,267	352,305	461,091	541,744	224,609	224,855	946,263	1,061,400	
Value.....	:Dollar :	5,100,000	352,305	461,091	541,744	224,609	224,855	946,263	1,061,400	
Average per plant.....	: do :	1.7	1.1	1.2	1.7	1.2	1.9	2.5	2.2	
Percentage of value of all crops.....	:Percent :	1.7	1.1	1.2	1.7	1.2	1.9	2.5	2.2	
Average per establishment reporting.....	:Dollar :	2,933	557	1,368	3,027	5,478	9,369	16,601	35,380	
Percentage distribution.....	:Percent :	100.0	9.2	12.1	14.2	5.9	5.9	24.8	27.9	

Continued—

Table 6.—Floriculture: Crops sold, by size of establishment, United States, 1949 - Continued

Item	Unit	Establishments with value of crops at wholesale prices of—									
		Total	Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 to \$74,999	\$75,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 and over
<b>Greenhouse vegetables and mushrooms sold</b>											
Total		27,612,267	2,160,416	5,702,225	5,252,685	2,099,169	2,014,042	4,031,200	6,352,530	23.0	
Value at wholesale prices	Dollar	12.6	6.8	15.0	16.1	10.9	16.8	10.8	13.4		
Percentage of value of all crops	Percent	100.0	7.8	20.7	19.0	7.6	7.3	14.6	13.4		
Percentage distribution	do										
<b>Propagated mushrooms</b>											
Establishments reporting	Number	444	133	177	97	15	7	8	7		
Percentage distribution	Percent	100.0	30.0	39.8	21.8	3.4	1.6	1.8	1.5		
Value	Dollar	14,565,907	735,256	2,994,606	3,259,745	836,597	555,625	1,176,077	5,007,901		
Percentage of value of all crops	Percent	6.7	2.3	7.9	10.0	4.3	4.6	3.1	10.5		
Average per establishment reporting	Dollar	32,806	5,528	16,919	33,606	55,773	79,375	147,010	715,414		
Percentage distribution	Percent	100.0	5.0	20.6	22.4	5.7	3.8	8.1	34.4		
<b>Cucumbers</b>											
Establishments reporting	Number	126	59	31	18	5	6	5	2		
Percentage distribution	Percent	100.0	46.8	24.6	14.3	4.0	4.7	4.0	1.6		
Value	Dollar	1,277,176	113,365	187,518	162,012	70,892	201,042	377,847	164,500		
Percentage of value of all crops	Percent	0.6	0.4	0.5	0.5	0.4	1.7	1.0	0.3		
Average per establishment reporting	Dollar	10,136	1,921	6,049	9,001	14,178	33,507	75,569	82,250		
Percentage distribution	Percent	100.0	8.9	14.7	12.7	5.5	15.7	29.6	12.9		
<b>Lettuce</b>											
Establishments reporting	Number	365	203	94	37	12	8	11	—		
Percentage distribution	Percent	100.0	55.6	25.8	10.1	3.3	2.2	3.0	—		
Value	Dollar	1,393,021	249,192	424,830	259,848	111,430	177,088	170,633	—		
Percentage of value of all crops	Percent	0.6	0.8	1.1	0.8	0.6	1.5	0.1	—		
Average per establishment reporting	Dollar	3,816	1,228	4,519	7,023	9,286	22,136	15,512	—		
Percentage distribution	Percent	100.0	17.9	30.5	18.7	8.0	12.7	12.2	—		
<b>Tomatoes</b>											
Establishments reporting	Number	711	332	223	79	27	20	27	3		
Percentage distribution	Percent	100.0	46.7	31.4	11.1	3.8	2.8	3.8	0.4		
Value	Dollar	10,077,398	995,309	2,007,490	1,519,185	1,067,692	1,037,787	2,269,806	1,180,129		
Percentage of value of all crops	Percent	4.6	3.1	5.3	4.7	5.5	8.6	6.1	2.5		
Average per establishment reporting	Dollar	14,174	2,998	9,002	19,230	39,544	51,889	84,067	393,376		
Percentage distribution	Percent	100.0	9.9	19.9	15.1	10.6	10.3	22.5	11.7		
<b>All other vegetables grown under glass</b>											
Establishments reporting	Number	125	71	30	14	3	2	5	—		
Percentage distribution	Percent	100.0	56.8	24.0	11.2	2.4	1.6	4.0	—		
Value	Dollar	298,865	67,781	87,781	51,895	12,558	42,500	36,837	—		
Percentage of value of all crops	Percent	0.1	0.2	0.2	0.2	0.1	0.4	0.1	—		
Average per establishment reporting	Dollar	2,391	948	2,926	3,707	4,186	21,250	7,367	—		
Percentage distribution	Percent	100.0	22.5	29.4	17.4	4.2	14.2	12.3	—		

Continued—

Table 6.—Floriculture: Crops sold, by size of establishment, United States, 1949 - Continued

Item	Establishments with value of crops at wholesale prices of—											
	: Unit	: Total	: Less than \$10,000	: \$10,000 to \$24,999	: \$24,999 to \$49,999	: \$49,999 to \$74,999	: \$74,999 to \$99,999	: \$99,999 to \$249,999	: \$250,000 to \$75,000	: \$75,000 to \$100,000	: \$100,000 to \$250,000	: \$250,000 and over
<b>Cut flowers grown under cloth, sold</b>												
Total	:	3,893,708	450,575	1,293,779	851,939	367,731	191,889	409,606	328,189	0.7	8.4	
Value at wholesale prices	:Dollar	1.8	1.4	3.4	2.6	1.9	1.6	1.1	0.7			
Percentage of value of all crops	:Percent	100.0	11.6	33.2	21.9	9.5	4.9	10.5	8.4			
Percentage distribution	:do											
<b>Asters</b>												
Establishments reporting	:Number	216	99	74	23	8	3	6	3			
Percentage distribution	:Percent	100.0	45.8	34.3	10.6	3.7	1.4	2.8	1.4			
Flowers	:Number	4,404,000	758,000	1,448,000	291,000	1,350,000	60,000	289,000	208,000			
Value	:Dollar	185,557	39,995	49,147	16,470	46,761	3,075	15,330	14,779			
Average per flower	:do	0.04	0.05	0.03	0.06	0.03	0.05	0.05	0.07			
Percentage of value of all crops	:Percent	0.1	0.1	0.1	0.1	0.2	1/1	1/1	1/1			
Average per establishment reporting	:Dollar	859	404	664	716	5,845	1,025	2,555	4,926			
Percentage distribution	:Percent	100.0	21.6	26.5	8.9	25.2	1.6	8.2	8.0			
<b>Chrysanthemums (standard)</b>												
Establishments reporting	:Number	415	149	173	49	14	10	12	8			
Percentage distribution	:Percent	100.0	35.9	41.7	11.8	3.4	2.4	2.9	1.9			
Flowers	:Number	8,944,000	781,000	4,523,000	2,222,000	397,000	515,000	229,000	277,000			
Value	:Dollar	1,181,210	121,915	542,222	280,221	66,678	60,367	52,838	56,969			
Average per flower	:do	0.13	0.16	0.12	0.13	0.17	0.12	0.23	0.21			
Percentage of value of all crops	:Percent	0.5	0.4	1.4	0.9	0.3	0.5	0.1	0.1			
Average per establishment reporting	:Dollar	2,846	818	3,134	5,719	4,763	6,037	4,403	7,121			
Percentage distribution	:Percent	100.0	10.3	45.9	23.7	5.7	5.1	4.5	4.8			
<b>Chrysanthemums (pompoms)</b>												
Establishments reporting	:Number	809	328	293	109	32	14	23	10			
Percentage distribution	:Percent	100.0	40.5	36.2	13.5	4.0	1.7	2.9	1.2			
Bunches	:Number	3,236,000	383,000	1,041,000	601,000	469,000	137,000	350,000	255,000			
Value	:Dollar	1,861,494	236,556	538,108	340,006	240,292	71,422	233,169	201,941			
Average per bunch	:do	0.58	0.62	0.52	0.57	0.51	0.52	0.67	0.79			
Percentage of value of all crops	:Percent	0.9	0.7	1.4	1.0	1.2	0.6	0.4	0.4			
Average per establishment reporting	:Dollar	2,301	721	1,837	3,119	7,509	5,102	10,138	20,194			
Percentage distribution	:Percent	100.0	12.7	28.9	18.3	12.9	3.8	12.5	10.9			
<b>All other cut flowers grown under cloth</b>												
Establishments reporting	:Number	119	46	40	22	2	4	2	3			
Percentage distribution	:Percent	100.0	38.7	33.6	18.5	1.7	3.3	1.7	2.5			
Value	:Dollar	665,447	52,109	164,302	215,242	14,000	57,025	108,000	54,500			
Percentage of value of all crops	:Percent	0.3	0.2	0.4	0.7	0.1	0.5	0.3	0.1			
Average per establishment reporting	:Dollar	5,592	1,133	4,108	9,784	7,000	14,256	54,134	18,167			
Percentage distribution	:Percent	100.0	7.8	24.7	32.3	2.1	8.6	16.3	8.2			

1/ Less than 0.05 percent.

Continued—

Table 6.—Floriculture: Crops sold, by size of establishment, United States, 1949 - Continued

Item	Unit	Total	Establishments with value of crops at wholesale prices of—										
			Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 to \$74,999	\$75,000 to \$99,999	\$100,000 to \$249,999	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 and over		
Crops grown outdoors and under lath, sold													
Total		26,201,822	6,010,728	4,399,622	3,220,358	1,497,604	1,090,565	4,508,634	5,430,311				
Value at wholesale prices.....	Dollar	12.0	19.1	11.5	9.9	7.8	9.1	12.1	11.4				
Percentage of value of all crops.....	Percent	100.0	23.1	16.8	12.3	5.7	4.2	17.2	20.7				
Percentage distribution.....	do												
Asparagus plumosus													
Establishments reporting.....	Number	232	162	39	17	6	1	6	1				
Percentage distribution.....	Percent	100.0	69.8	16.8	7.3	2.6	0.5	2.6	0.4				
Sprays.....	Number	359,315,000	68,581,000	52,172,000	48,243,000	91,505,000	10,000,000	81,921,000	6,893,000				
Value.....	Dollar	2,902,865	640,237	545,096	506,044	348,429	85,000	709,133	68,926				
Average per spray.....	do	0.01	0.01	0.01	0.01	1/	0.01	0.01	0.01				
Percentage of value of all crops.....	Percent	1.3	2.0	1.4	1.6	1.8	0.7	1.9	0.1				
Average per establishment reporting....	Dollar	12,512	3,952	13,977	29,767	58,072	85,000	118,189	68,926				
Percentage distribution.....	Percent	100.0	22.1	18.8	17.4	12.0	2.9	24.4	2.4				
Chrysanthemums (standard)													
Establishments reporting.....	Number	262	190	45	18	1	2	4	2				
Percentage distribution.....	Percent	100.0	72.5	17.2	6.9	0.4	0.7	1.5	0.8				
Flowers.....	Number	1,691,000	576,000	464,000	268,000	5,000	301,000	50,000	27,000				
Value.....	Dollar	229,666	88,675	63,209	33,850	700	30,100	8,632	4,500				
Average per flower.....	do	0.14	0.15	0.14	0.13	0.14	0.10	0.17	0.17				
Percentage of value of all crops.....	Percent	0.1	0.3	0.2	0.1	1/	1/	1/	1/				
Average per establishment reporting....	Dollar	877	467	1,405	1,881	700	15,050	2,158	2,250				
Percentage distribution.....	Percent	100.0	38.6	27.5	14.7	0.3	13.1	3.8	2.0				
Chrysanthemums (pompon)													
Establishments reporting.....	Number	784	542	161	59	5	3	9	5				
Percentage distribution.....	Percent	100.0	69.1	20.5	7.5	0.7	0.4	1.2	0.6				
Bunches.....	Number	1,380,000	465,000	470,000	252,000	40,000	42,000	67,000	43,000				
Value.....	Dollar	643,879	221,410	210,745	108,564	20,260	20,650	27,668	34,582				
Average per bunch.....	do	0.47	0.48	0.45	0.43	0.51	0.49	0.41	0.80				
Percentage of value of all crops.....	Percent	0.3	0.7	0.6	0.3	0.1	0.2	0.1	0.1				
Average per establishment reporting....	Dollar	821	409	1,309	1,840	4,052	6,883	3,074	6,916				
Percentage distribution.....	Percent	100.0	34.4	32.7	16.9	3.1	3.2	4.3	5.4				
Dahlias													
Establishments reporting.....	Number	642	474	123	27	6	4	7	1				
Percentage distribution.....	Percent	100.0	73.8	19.2	4.2	0.9	0.6	1.1	0.2				
Flowers.....	Number	5,706,000	3,413,000	1,600,000	448,000	85,000	15,000	125,000	26,000				
Value.....	Dollar	403,836	232,370	121,854	30,528	8,389	1,200	6,925	2,570				
Average per flower.....	do	0.07	0.07	0.08	0.07	0.10	0.08	0.06	0.10				
Percentage of value of all crops.....	Percent	0.2	0.7	0.3	0.1	1/	1/	1/	1/				
Average per establishment reporting....	Dollar	629	490	991	1,131	1,398	300	989	2,570				
Percentage distribution.....	Percent	100.0	57.5	30.2	7.6	2.1	0.3	1.7	0.6				
Delphiniums													
Establishments reporting.....	Number	722	476	150	59	15	5	10	7				
Percentage distribution.....	Percent	100.0	65.9	20.8	8.1	2.1	0.7	1.4	1.0				
Flowers.....	Number	4,436,000	1,450,000	1,002,000	683,000	295,000	110,000	816,000	78,000				

Continued—

1/ Less than 0.05 percent.

Table 6.—Floriculture: Crops sold, by size of establishment, United States, 1949 - Continued

Item	Establishments with value of crops at wholesale prices of—									
	: Unit	: Total	: Less than \$10,000	: \$10,000 to \$24,999	: \$25,000 to \$49,999	: \$50,000 to \$74,999	: \$75,000 to \$99,999	: \$100,000 to \$249,999	: \$250,000 and over	
Value.....	: Dollar	366,594	111,451	92,744	54,342	28,472	9,660	62,113	7,812	
Average per flower.....	: do	0.08	0.08	0.09	0.08	0.10	0.09	0.08	0.10	
Percentage of value of all crops.....	: Percent	0.2	0.4	0.2	0.2	0.1	0.1	0.2	1/	
Average per establishment reporting....	: Dollar	508	234	618	921	1,898	1,992	6,211	1,116	
Percentage distribution.....	: Percent	100.0	30.4	25.3	14.8	7.8	2.6	17.0	2.1	
Gladiolus										
Establishments reporting.....	: Number	2,367	1,710	390	158	29	19	39	22	
Percentage distribution.....	: Percent	100.0	72.2	16.5	6.7	1.2	0.8	1.7	0.9	
Flowers.....	: Number	288,840,000	49,426,000	29,492,000	34,499,000	14,046,000	12,335,000	62,147,000	86,895,000	
Value.....	: Dollar	14,868,387	2,452,436	1,475,191	1,023,577	717,125	610,573	3,218,038	4,771,447	
Average per flower.....	: do	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
Percentage of value of all crops.....	: Percent	6.8	7.7	3.9	5.0	3.7	5.1	8.6	10.0	
Average per establishment reporting....	: Dollar	6,282	1,434	3,783	10,276	24,728	32,135	82,514	216,884	
Percentage distribution.....	: Percent	100.0	16.5	9.9	10.9	4.8	4.1	21.7	32.1	
Iris										
Establishments reporting.....	: Number	408	233	95	35	16	8	14	7	
Percentage distribution.....	: Percent	100.0	57.1	23.3	8.6	3.9	2.0	3.4	1.7	
Flowers.....	: Number	10,385,000	1,745,000	2,520,000	1,053,000	1,109,000	1,594,000	1,876,000	488,000	
Value.....	: Dollar	475,457	82,442	103,296	47,754	50,862	78,132	92,228	20,743	
Average per flower.....	: do	0.05	0.05	0.04	0.05	0.05	0.05	0.05	0.04	
Percentage of value of all crops.....	: Percent	0.2	0.3	0.3	0.1	0.3	0.6	0.2	1/	
Average per establishment reporting....	: Dollar	1,165	354	1,087	1,364	3,179	9,767	6,588	2,963	
Percentage distribution.....	: Percent	100.0	17.3	21.7	10.1	10.7	16.4	19.4	4.4	
Narcissus										
Establishments reporting.....	: Number	338	235	63	20	8	4	6	2	
Percentage distribution.....	: Percent	100.0	69.5	18.6	5.9	2.4	1.2	1.8	0.6	
Flowers.....	: Number	46,192,000	13,763,000	13,412,000	8,058,000	4,426,000	1,871,000	4,113,000	549,000	
Value.....	: Dollar	767,689	249,855	196,843	140,694	56,845	37,488	73,025	12,939	
Average per flower.....	: do	0.02	0.02	0.01	0.02	0.01	0.02	0.02	0.02	
Percentage of value of all crops.....	: Percent	0.4	0.8	0.5	0.4	0.3	0.3	0.2	1/	
Average per establishment reporting....	: Dollar	2,271	1,063	3,124	7,035	7,106	9,372	12,171	6,470	
Percentage distribution.....	: Percent	100.0	32.5	25.7	18.3	7.4	4.9	9.5	1.7	
Peonies										
Establishments reporting.....	: Number	573	398	109	36	12	5	7	6	
Percentage distribution.....	: Percent	100.0	69.5	19.0	6.3	2.1	0.9	1.2	1.0	
Flowers.....	: Number	11,794,000	4,529,000	2,658,000	2,476,000	1,240,000	442,000	179,000	270,000	
Value.....	: Dollar	629,903	231,775	146,553	199,816	63,142	23,186	8,775	16,856	
Average per flower.....	: do	0.05	0.05	0.06	0.06	0.05	0.05	0.05	0.06	
Percentage of value of all crops.....	: Percent	0.3	0.7	0.4	0.4	0.3	0.2	1/	1/	
Average per establishment reporting....	: Dollar	1,099	582	1,243	3,884	5,262	4,637	1,254	2,809	
Percentage distribution.....	: Percent	100.0	36.8	23.2	22.2	10.0	3.7	1.4	2.7	
All other crops grown outdoors										
Establishments reporting.....	: Number	1,622	1,186	286	84	22	13	20	11	
Percentage distribution.....	: Percent	100.0	73.1	17.6	5.2	1.4	0.8	1.2	0.7	
Value.....	: Dollar	4,913,546	1,750,077	1,438,291	535,189	203,380	194,576	302,097	489,936	
Percentage of value of all crops.....	: Percent	2.2	5.5	3.8	1.6	1.1	1.6	1.6	1.0	
Average per establishment reporting....	: Dollar	3,029	1,476	5,029	6,371	9,245	14,967	15,105	44,540	
Percentage distribution.....	: Percent	100.0	35.6	29.3	10.9	4.1	4.0	6.1	10.0	

1/ Less than 0.05 percent.

Table 7.—Floriculture: Number of establishments, by type of organization, April 1, 1950, by size of establishment in 1949, United States

Item	Unit	Total	Establishments with value of crops at wholesale prices of—												
			Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 to \$74,999	\$75,000 to \$99,999	\$100,000 to \$249,999	\$250,000 and over	Number	Percent	Number	Percent		
<b>Total</b>		12,427	8,189	2,465	957	319	140	256	101						
Establishments reporting.....	Number	12,427	8,189	2,465	957	319	140	256	101						
Percentage distribution.....	Percent	100.0	65.9	19.8	7.7	2.6	1.1	2.1	0.8						
<b>Operated by</b>															
<b>Individuals</b>															
Establishments reporting.....	Number	8,925	6,555	1,658	487	120	41	57	7						
Percentage of all establishments.....	Percent	71.8	80.0	67.2	50.9	37.6	29.3	22.3	6.9						
Percentage distribution.....	do	100.0	73.4	18.6	5.5	1.3	0.5	0.6	0.1						
<b>Partnerships</b>															
Establishments reporting.....	Number	2,690	1,442	640	336	111	51	89	21						
Percentage of all establishments.....	Percent	21.6	17.6	26.0	35.1	34.8	36.4	34.7	20.8						
Percentage distribution.....	do	100.0	53.6	23.8	12.5	4.1	1.9	3.3	0.8						
<b>Corporations</b>															
Establishments reporting.....	Number	812	192	157	134	88	48	110	73						
Percentage of all establishments.....	Percent	6.5	2.3	6.8	14.0	27.6	34.3	43.0	72.3						
Percentage distribution.....	do	100.0	23.6	20.6	16.5	10.8	5.9	13.6	9.0						

## PART II--CROP SPECIALIZATION

Sales.--Specialized growers were selected on the basis of \$25,000 or more of wholesale value of crop production per establishment, of which 50 percent or more was a selected crop or group of crops. Few, if any, retail sales were made by specialized growers of clothouse, lathhouse, and outdoor crops or greenhouse carnations, chrysanthemums, and gardenias. Retail sales made up about 10 percent of the sales of specialized growers of greenhouse orchids and roses and about 20 percent of the sales of specialized growers of greenhouse cut flowers and potted plant crops in general.

Specialized growers of planting stock and finished potted plants made 75 to 85 percent of their wholesale sales to retailers and other than wholesale establishments. Specialized growers of groups of greenhouse or outdoor cut-flower crops or selected cut-flower crops made two-thirds to three-fourths or more of their wholesale sales to wholesale establishments.

Specialized growers of both greenhouse and outdoor cut-flower crops had an average wholesale value of crops produced per establishment amounting to about \$90,000. Among such growers those specialized for selected crops had an average which ranged from \$50,000 for carnations and chrysanthemums to \$100,000 for gardenias and orchids and nearly \$140,000 for roses. Wholesale value of crops produced and sold per specialized grower of finished potted plants averaged about \$100,000 per establishment.

Employment.--Specialized growers of various groups of greenhouse crops had an average labor force of about 20 persons with a range from 10 persons per grower specializing in carnations and chrysanthemums to 25 persons per grower specializing in gardenias and roses. Growers who specialized in outdoor crop production had an average labor force of 28 persons, which was heavily influenced by the importance of gladiolus growers, who had an average labor force of 36 persons per establishment.

Year-round or full-time employees accounted for about 80 percent of the paid labor force of specialized growers of greenhouse cut flowers or potted plants. About 90 percent of the paid labor force of growers of selected greenhouse crops such as roses and gardenias was year-round or full-time personnel. About two-thirds of the paid employees of specialized growers of outdoor crops were part-time or seasonal employees.

Specified Expenditures.--Payroll of specialized growers of both greenhouse cut flowers and potted plants averaged about \$35,000 per establishment, annually. Comparable items for growers of selected cut-flower crops ranged from \$15,000 per establishment specialized for carnations to \$50,000 per establishment specialized for roses. Specialized growers of outdoor crops had payrolls amounting to an average of \$30,000 per establishment.

Year-round employees of specialized growers of greenhouse crops received an average annual wage which ranged from \$2,100 to \$2,600 per person. Year-round employees of outdoor gladiolus growers received an average annual wage of about \$1,700 per establishment.



Expenditures for manure and fertilizer amounted to 1 to 2 percent of the wholesale value of crops of the various specialized greenhouse producers and about 5 percent of the wholesale value of crops of outdoor producers which were specialized.

Insecticides and fungicides amounted to expenditures of less than 1 percent of the wholesale value of crops produced by specialized growers of the various greenhouse crops and more nearly 2 percent of the wholesale value of production of specialized growers of outdoor crops.

Expenditures for seeds, plants, and bulbs were not more than 6 percent of the wholesale value of crops produced by most kinds of specialized greenhouse cut-flower growers and about 10 percent of the wholesale value of gladiolus produced by growers specialized for that crop. Seeds, plants, and bulbs represented an expenditure of more than 12 percent of the wholesale value of crops produced by specialized growers of greenhouse potted plants.

The cost of fuel amounted to 8 to 9 cents per square foot of greenhouse area of specialized growers of greenhouse crops in general and 10 to 11 cents per square foot of greenhouse area devoted to specialized production of such selected crops as orchids and roses.

Specialized growers of most kinds of greenhouse or outdoor production expended less than 1 percent of their total sales for advertising.

Structures and Equipment.--The average specialized grower of greenhouse cut flowers had more than 75,000 square feet (nearly 2 acres) of greenhouse area as compared with establishments specializing in potted plants which had an average greenhouse area of about 60,000 square feet (about 1.5 acres). Specialized growers of greenhouse carnations and orchids had an average of about 50,000 square feet (about 1 acre) of glass area per establishment whereas the average specialized grower of greenhouse roses had about 125,000 square feet (nearly 3 acres) of greenhouse area.

Wholesale value of crops produced per square foot of greenhouse area used primarily for florists' crops by specialized growers ranged from little more than \$1.00 per square foot for many kinds of cut flower crops to \$1.50 for potted plants and \$2.00 or more for planting stock and cut flower orchids.

Greenhouse area of specialized growers of clothhouse, lathhouse, and outdoor crops yielded a return of about 75 cents of wholesale value per square foot of area.

Crops.--Specialized growers of planting stock and bedding and vegetable plants for sale accounted for nearly a third of this kind of production and in their establishments more than 80 percent of the production was this group of crops.

Two-thirds of the greenhouse cut flower production was reported by specialized growers, among which this group of crops amounted to 90 percent of their production. Among those specialized for carnation or gardenia production about one-third of the crop was grown. About half of the orchid

production and more than three-fourths of the rose production was accounted for by specialized growers of these greenhouse crops.

About 60 percent of the greenhouse potted plant production was accounted for by specialized establishments in which these crops amounted to more than 80 percent of the production.

Specialized growers of clothhouse crops produced about one-fourth of that kind of production and these crops accounted for nearly 90 percent of the production of such establishments.

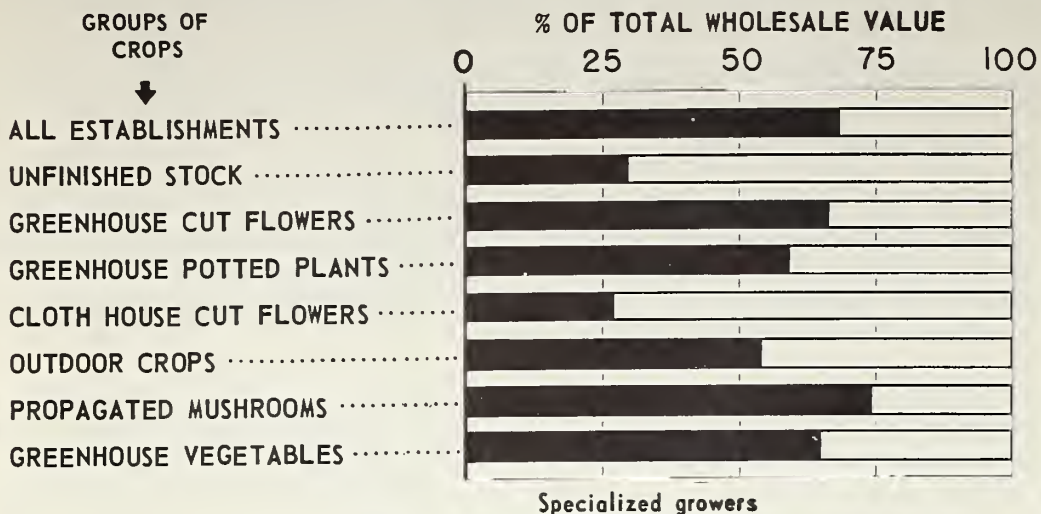
About half of the lathhouse and outdoor crops were produced by specialized growers for which such crops accounted for nearly all of the production. The large specialized growers of asparagus plumosus produced more than half of that crop. About 70 percent of the production of gladiolus was accounted for by large, specialized growers of that crop.

Type of Organization.--Ownership and management of specialized growers of both greenhouse cut flowers and potted plant crops was almost equally divided between individual proprietorships, partnerships, and corporations. Nearly half of the establishments specialized for greenhouse orchid and rose production were incorporated whereas lower percentages of establishments were incorporated among selected crop specialists such as carnation growers.

More than half of the specialized growers of lathhouse and outdoor crops were individual proprietorships, nearly one-third partnerships, and about one-sixth were corporations.

*Floriculture, by Groups of Crops, 1949*

**CROPS OF SPECIALIZED GROWERS  
RELATED TO ALL GROWERS**



ESTABLISHMENTS WITH WHOLESALE VALUE OF CROPS OF \$25,000 AND OVER

U. S. DEPARTMENT OF AGRICULTURE

NEG. 1629-55 (5) AGRICULTURAL MARKETING SERVICE

Figure 6.--Growers of floricultural crops with wholesale values of such crops amounting to \$25,000 or more per establishment accounted for more than two-thirds of the industry total. Among such growers those with more than 50 percent of their production in planting stock or cut flowers grown under cloth accounted for less than one-third of the production of these crops. Specialized growers of other groups of crops accounted for 50 to 75 percent of the production of such crops.

Floriculture, groups of crops: Wholesale value of specified groups of crops of specialized growers related to total wholesale value by kind of production, United States, 1949

Item	Percentage of wholesale value
Wholesale value of crops, per establishment of \$25,000 and over:	<u>Percent</u>
All establishments .....	68.1
Fifty percent or more of wholesale value per establishment from--	
Plants, rooted cuttings, etc. sold for growing on .....	29.9
Cut flowers grown under glass .....	66.5
Potted plants grown under glass .....	59.5
Cut flowers grown under cloth .....	27.5
Crops grown outdoors and under lath ..	54.5
Propagated mushrooms .....	74.2
Vegetables grown under glass .....	65.3

*Floriculture, by Selected Crops, 1949*

**CROPS OF SPECIALIZED GROWERS  
RELATED TO ALL GROWERS**

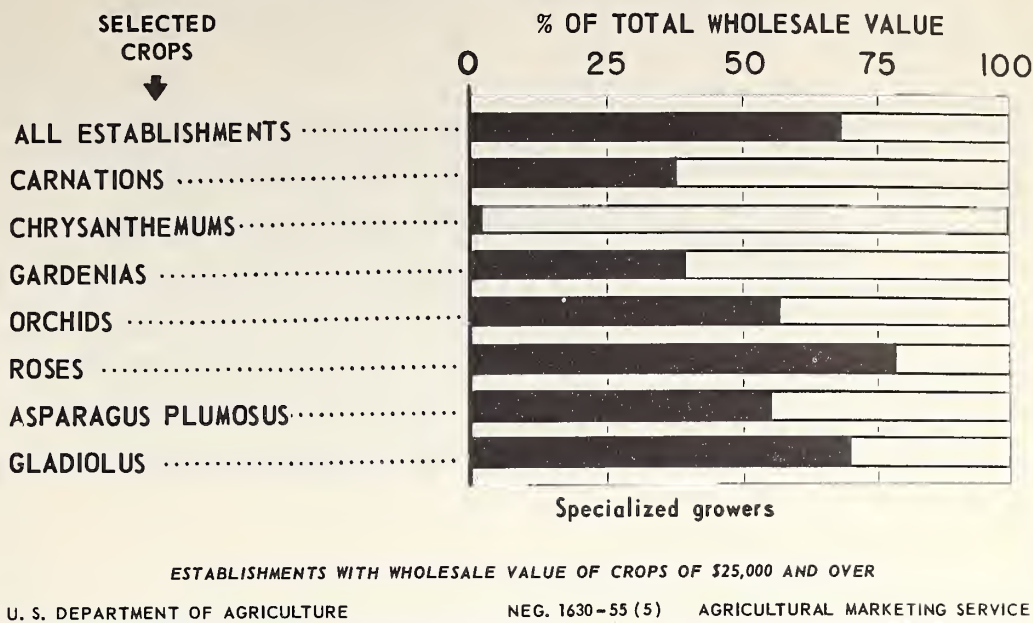


Figure 7.--More than two-thirds of the value of floricultural crops was produced by growers reporting \$25,000 or more of wholesale value per establishment. Few of these growers reported greenhouse chrysanthemums in amounts exceeding 50 percent of their production. Specialized growers accounted for more than one-third of the production of greenhouse carnations or gardenias. Nearly 80 percent of the greenhouse rose production was reported by specialized growers. From 55 to 70 percent of the production of other specified crops was reported by specialized growers.

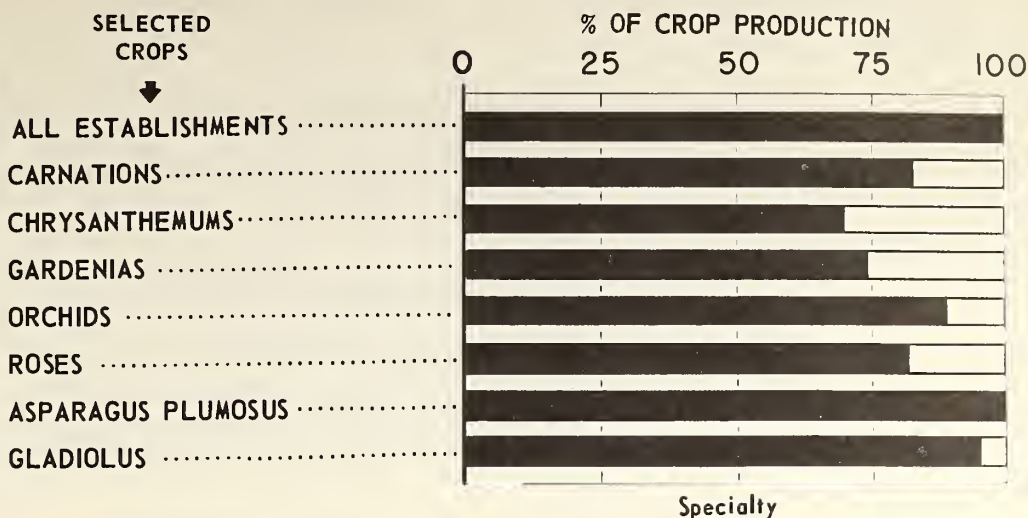
Floriculture, selected crops: Wholesale value of specified crops of specialized growers related to total wholesale value by kind of production, United States, 1949

Item	Percentage of wholesale value
Wholesale value of crops per establishment of \$25,000 and over:	<u>Percent</u>
All establishments .....	68.1
Fifty percent or more of wholesale value per establishment from--	
Greenhouse carnations .....	37.7
Greenhouse chrysanthemums .....	2.3
Greenhouse gardenias .....	39.9
Greenhouse orchids .....	57.0
Greenhouse roses .....	78.9
Asparagus plumosus .....	55.3
Outdoor gladiolus .....	69.7



*Floriculture, by Selected Crops, 1949*

**SPECIALTY RELATED TO ALL  
CROPS OF GROWERS**



ESTABLISHMENTS WITH WHOLESALE VALUE OF CROPS OF \$25,000 AND OVER

U. S. DEPARTMENT OF AGRICULTURE

NEG. 1632-55 (5)

AGRICULTURAL MARKETING SERVICE

Figure 9.--Specialized growers of specified crops who produced floricultural crops in excess of \$25,000 per establishment also accounted for small percentages of other kinds of crop production. Those specialized for greenhouse carnation, gardenia, orchid, or rose production reported from 75 to 90 percent of their production in these respective crops. From 95 to nearly 100 percent of the production of specialized growers of asparagus plumosus or outdoor gladiolus was these specified crops. In general, specialized growers of specified crops are less specialized than growers of groups of crops of which they are a component.

Floriculture, selected crops: Wholesale value of specified crop in relation to wholesale value of all crops grown by specialized growers by kind of production, United States, 1949

Item	Percentage of wholesale value
Wholesale value of crops per establishment of \$25,000 and over:	<u>Percent</u>
All establishments .....	100.0
Fifty percent or more of wholesale value per establishment from--	
Greenhouse carnations .....	82.9
Greenhouse chrysanthemums .....	69.8
Greenhouse gardenias .....	74.0
Greenhouse orchids .....	89.5
Greenhouse roses .....	82.0
Asparagus plumosus .....	99.9
Outdoor gladiolus .....	95.6

*Floriculture, by Groups of Crops, 1949*

**CHANNELS OF SALES BY GROWERS**

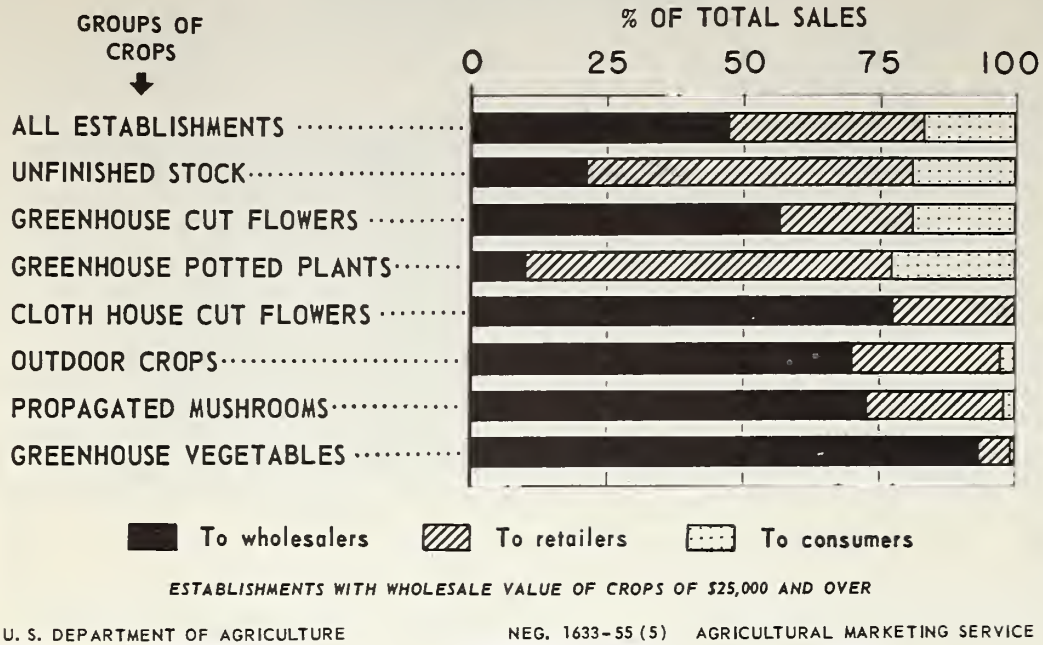


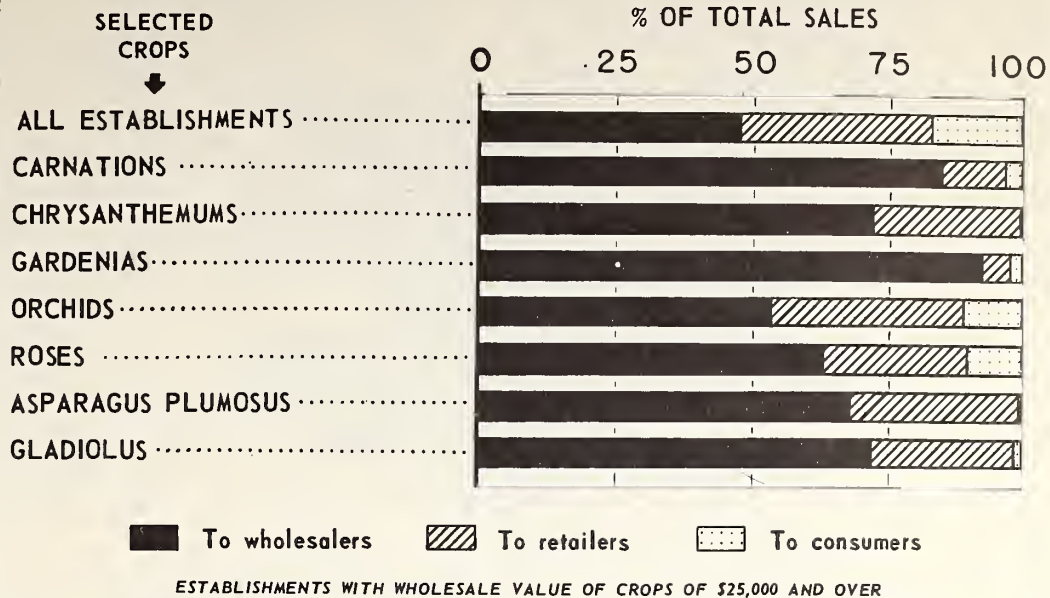
Figure 10.--Growers of floricultural crops reporting wholesale values of \$25,000 or more per establishment made nearly one-half of their sales to wholesale establishments. More than half of the sales of specialized growers of greenhouse cut flowers were made to wholesale establishments. Specialized growers of greenhouse potted plants made 10 percent of their sales to wholesale establishments.

Floriculture, groups of crops: Sales of specialized growers by kind of sales by kind of production, United States, 1949

Item	Percentage of total sales		
	Wholesale sales to		Retail
	Wholesale establishments	Other establishments	sales
	Percent	Percent	Percent
All establishments .....	33.6	25.2	41.2
Wholesale value of crops per establishment of \$25,000 and over:			
All establishments .....	47.1	35.3	17.6
Fifty percent or more of wholesale value per establishment from--			
Plants rooted cuttings, etc. :			
sold for growing on .....	21.1	59.5	19.4
Cut flowers grown under glass ..	56.1	24.5	19.4
Potted plants grown under glass ..	10.0	67.0	23.0
Cut flowers grown under cloth ..	77.1	22.3	----
Crops grown outdoors and under lath .....	70.0	27.3	2.7
Propagated mushrooms .....	72.9	25.3	1.8
Vegetables grown under glass ..	93.3	6.0	0.7

## Floriculture, by Selected Crops, 1949

### CHANNELS OF SALES BY GROWERS



U. S. DEPARTMENT OF AGRICULTURE

NEG. 1634-55 (5)

AGRICULTURAL MARKETING SERVICE

Figure 11.--Among growers of floricultural crops amounting to \$25,000 or more of wholesale value per establishment, those specialized for greenhouse carnation, greenhouse gardenia, asparagus plumosus, and outdoor gladiolus production conducted negligible amounts of retail trade. More than half of the sales of specialized orchid growers were made to wholesale establishments. Specialized growers of gardenias made more than 90 percent of their sales to wholesale establishments.

Floriculture, selected crops: Sales of specialized growers by kind of sales by kind of production, United States, 1949

Item	Percentage of total sales		
	Wholesale establishments	Other establishments	Retail sales
	Percent	Percent	Percent
All establishments .....	33.6	25.2	41.2
Wholesale value of crops per establishment of \$25,000 and over:			
All establishments .....	47.1	35.3	17.6
Fifty percent or more of wholesale value per establishment from--			
Greenhouse carnations .....	84.3	12.0	3.7
Greenhouse chrysanthemums .....	71.7	28.2	0.1
Greenhouse gardenias .....	92.0	5.5	2.5
Greenhouse orchids .....	53.2	35.6	11.2
Greenhouse roses .....	62.7	26.8	10.5
Asparagus plumosus .....	67.6	31.7	0.7
Outdoor gladiolus .....	71.7	26.4	1.9



*Floriculture, by Groups of Crops, 1949*

**CROP VALUE PER SPECIALIZED GROWER**

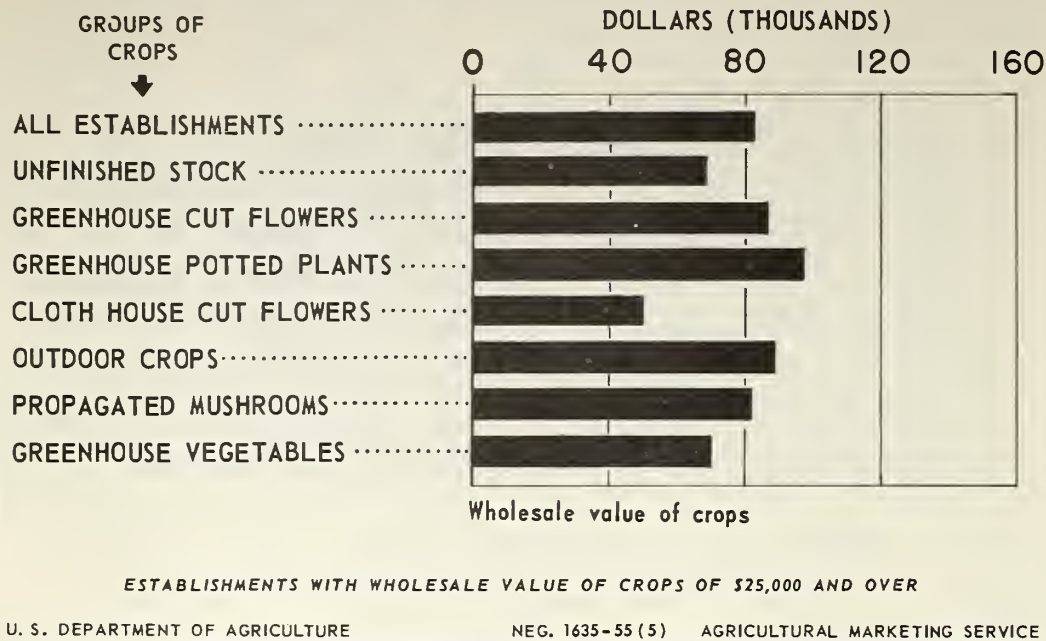


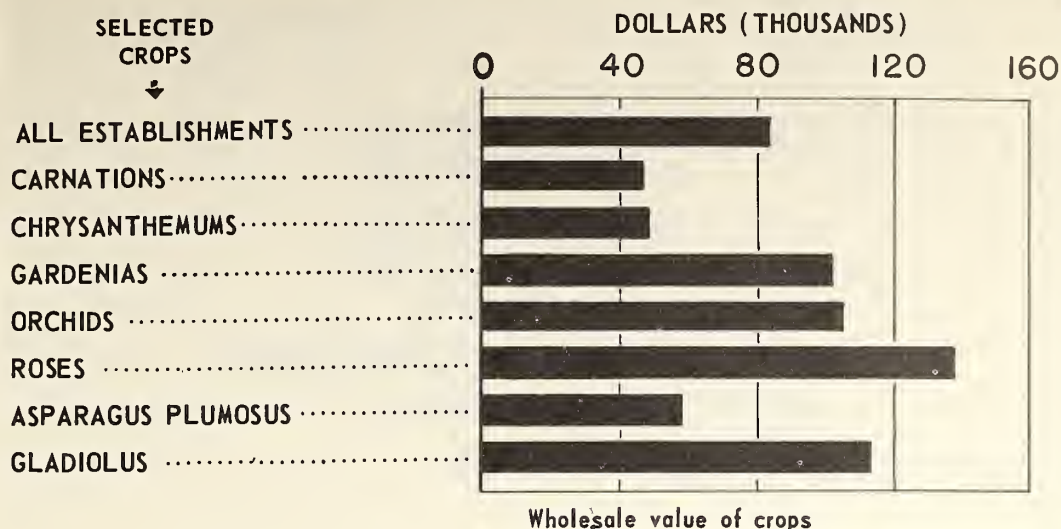
Figure 12.--Growers of floricultural crops produced an average of a little more than \$17,500 of wholesale value per establishment. Those with production in excess of \$25,000 per establishment had an average production of nearly \$85,000 of wholesale value per establishment. Specialized greenhouse potted-plant growers of this size had an average wholesale value of crops amounting to nearly \$100,000 per establishment. The comparable amount for specialized growers of greenhouse cut flowers or outdoor and lathhouse crops was less than \$90,000 per establishment.

Floriculture, groups of crops: Wholesale value of crops per specialized grower by kind of production, United States, 1949

Item	Wholesale value
	Dollars
All establishments .....	\$17,590
Wholesale value of crops per establishment of \$25,000 and over:	
All establishments .....	83,915
Fifty percent or more of wholesale value per establishment from--	
Plants, rooted cuttings, etc. sold for: growing on .....	69,426
Cut flowers grown under glass .....	87,430
Potted plants grown under glass .....	97,534
Cut flowers grown under cloth .....	50,726
Crops grown outdoors and under lath ..	89,642
Propagated mushrooms .....	82,517
Vegetables grown under glass .....	71,836

## Floriculture, by Selected Crops, 1949

### CROP VALUE PER SPECIALIZED GROWER



ESTABLISHMENTS WITH WHOLESALE VALUE OF CROPS OF \$25,000 AND OVER

U. S. DEPARTMENT OF AGRICULTURE

NEG. 1636-55 (5)

AGRICULTURAL MARKETING SERVICE

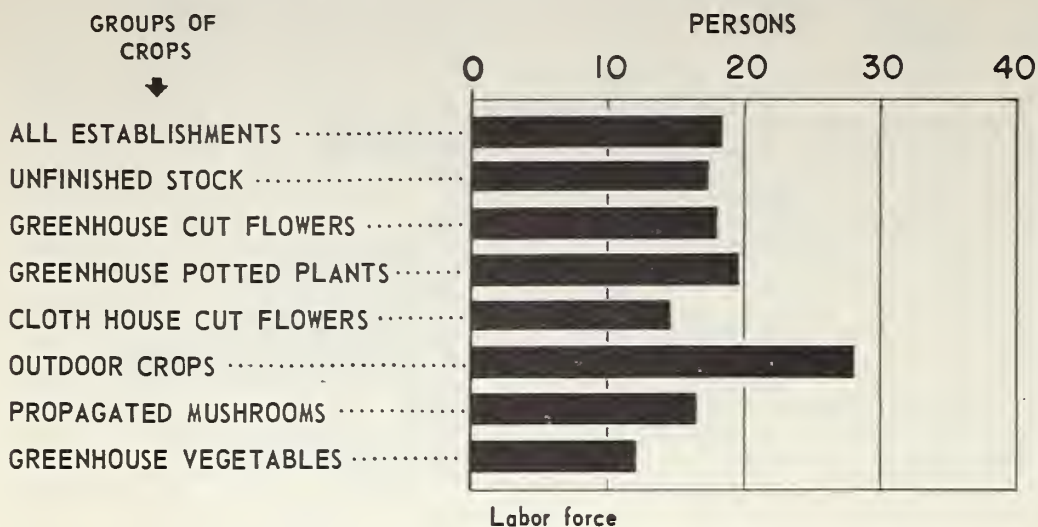
Figure 13.--The average wholesale value of floricultural crops per producer with \$25,000 or more of such value per establishment was nearly \$85,000. In this size classification, specialized growers of specified crops had comparable averages ranging from about \$50,000 to \$150,000. Specialized growers of greenhouse carnations averaged nearly \$50,000 of wholesale value per establishment. Growers specialized for greenhouse gardenia or orchid production averaged about \$100,000 per establishment. Specialized greenhouse rose growers produced an average wholesale value of nearly \$140,000, and specialized outdoor gladiolus growers averaged nearly \$115,000 of wholesale value per establishment.

Floriculture, selected crops: Wholesale value of crops per specialized grower by kind of production, United States, 1949

Item	Wholesale value
	Dollars
All establishments .....	\$17,590
Wholesale value of crops per establishment of \$25,000 and over:	
All establishments .....	83,915
Fifty percent or more of wholesale value per establishment from--	
Greenhouse carnations .....	48,382
Greenhouse chrysanthemums .....	49,866
Greenhouse gardenias .....	103,079
Greenhouse orchids .....	105,844
Greenhouse roses .....	138,817
Asparagus plumosus .....	59,438
Outdoor gladiolus .....	114,009

*Floriculture, by Groups of Crops, 1949*

**LABOR FORCE PER SPECIALIZED GROWER**



ESTABLISHMENTS WITH WHOLESALE VALUE OF CROPS OF \$25,000 AND OVER

U. S. DEPARTMENT OF AGRICULTURE

NEG. 1637-55 (5)

AGRICULTURAL MARKETING SERVICE

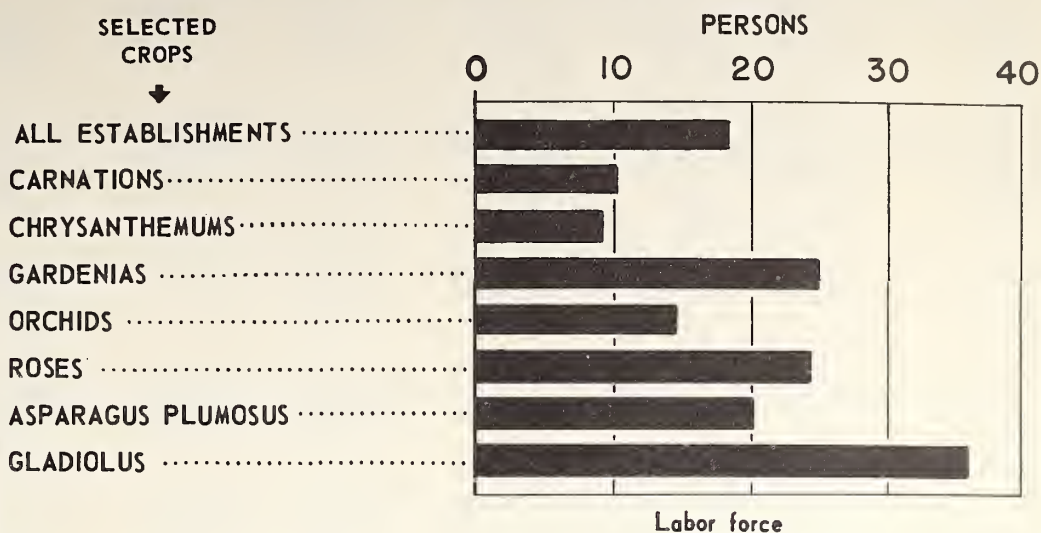
Figure 14.--The labor force of growers of floricultural crops amounted to an average of 6 persons per establishment. A comparable average for growers who produced wholesale values of \$25,000 or more was 18 persons per establishment. Among such growers a similar average is found for those specialized in planting stock or greenhouse cut flower production. Specialized greenhouse potted plant growers had an average of 20 persons in the labor force per establishment. Specialized growers of outdoor and lathhouse crops reported a labor force of nearly 30 persons per establishment, an average which is greatly influenced by large growers of outdoor gladiolus.

Floriculture, groups of crops: Labor force per specialized grower by kind of production, United States, 1949

Item	Persons
	Number
All establishments .....	6.27
Wholesale value of crops per establishment of \$25,000 and over:	
All establishments .....	18.37
Fifty percent or more of wholesale value per establishment from--	
Plants rooted cuttings, etc. sold for growing on ..	17.24
Cut flowers grown under glass .....	17.86
Potted plants grown under glass .....	19.64
Cut flowers grown under cloth .....	14.54
Crops grown outdoors and under lath .....	28.09
Propagated mushrooms .....	16.37
Vegetables grown under glass .....	12.01

Floriculture, by Selected Crops, 1949

**LABOR FORCE PER SPECIALIZED GROWER**



ESTABLISHMENTS WITH WHOLESALE VALUE OF CROPS OF \$25,000 AND OVER

U. S. DEPARTMENT OF AGRICULTURE

NEG. 1638-55 (5)

AGRICULTURAL MARKETING SERVICE

Figure 15.--Growers producing \$25,000 or more of wholesale value per establishment had an average labor force of less than 20 persons. Of these growers the specialized greenhouse carnation producers had an average labor force of 10 persons. Specialized growers of greenhouse orchids had an average labor force of 15 persons. Growers specialized for asparagus plumosus production had an average labor force of 20 persons which was average for this classification for size of business. Specialized growers of greenhouse gardenias or roses reported an average labor force of 25 persons per establishment.

Floriculture, selected crops: Labor force per specialized grower by kind of production, United States, 1949

Item	Persons
All establishments	6.27
Wholesale value of crops per establishment of \$25,000 and over:	
All establishments	18.37
Fifty percent or more of wholesale value per establishment from--	
Greenhouse carnations	10.18
Greenhouse chrysanthemums	9.22
Greenhouse gardenias	25.05
Greenhouse orchids	14.78
Greenhouse roses	24.48
Asparagus plumosus	20.18
Outdoor gladiolus	36.07

Table 8.--Floriculture: Sales and value of crops at wholesale prices by specialization for groups of crops, United States, 1949

Item	Unit	Total	Plants, cut- <sup>1</sup> flowers:		Potted plants:		Cut flowers:		Crops grown:		Vegetables:	
			things, etc. sold for	growing on	under glass	grown under glass	flowers grown under glass	flowers grown under glass	flowers grown under glass	outdoors	under glass	grown under glass
<b>Sales</b>												
Total		12,427	159	789	273	24	162	132	122			
Establishments reporting	Number	100.0	1.3	6.3	2.2	0.2	1.3	1.1	1.0			
Percentage distribution	Percent	221,924,603	12,751,857	81,216,444	32,881,257	1,217,429	14,822,576	10,973,501	8,603,651			
Value	Dollar	25,905	10,200	102,936	120,155	50,726	91,497	83,133	72,161			
Average per establishment reporting	do	100.0	4.0	25.2	10.2	0.4	4.6	3.4	2.7			
Percentage distribution	Percent											
<b>Wholesale</b>												
Establishments reporting	Number	9,112	155	766	261	24	162	131	122			
Percentage distribution	Percent	100.0	1.7	8.4	2.9	0.3	1.8	1.4	1.3			
Value	Dollar	189,445,801	10,280,535	65,432,975	25,335,937	1,217,429	14,822,576	10,779,455	8,737,827			
Average per establishment reporting	do	20,791	66,326	85,422	97,072	50,726	89,042	82,286	71,522			
Percentage of total sales	Percent	58.8	80.6	80.6	77.0	100.0	97.3	98.2	99.3			
Percentage distribution	do	100.0	5.4	34.5	13.4	0.6	7.6	5.7	4.6			
<b>To wholesale establishments</b>												
Establishments reporting	Number	5,667	71	656	90	23	146	121	119			
Percentage distribution	Percent	100.0	1.3	11.6	1.6	0.4	2.6	2.1	2.1			
Value	Dollar	108,197,026	2,688,757	45,544,487	3,309,470	946,047	10,378,725	7,997,040	8,215,546			
Average per establishment reporting	do	19,092	37,870	69,529	36,772	41,132	71,087	66,091	69,038			
Percentage of all wholesale	Percent	57.1	26.2	69.5	13.1	77.7	72.0	74.2	94.0			
Percentage distribution	do	100.0	2.5	42.1	3.1	0.9	9.6	7.4	7.6			
<b>To retail and other establishments</b>												
Establishments reporting	Number	5,440	143	372	250	9	58	15	23			
Percentage distribution	Percent	100.0	2.6	6.8	4.6	0.2	1.1	0.3	0.4			
Value	Dollar	81,248,775	7,591,778	19,891,488	22,626,467	271,382	4,046,441	2,782,415	522,281			
Average per establishment reporting	do	14,935	53,089	53,472	89,106	30,154	69,761	185,494	22,708			
Percentage of all wholesale	Percent	42.9	73.8	30.4	86.9	22.3	28.0	25.8	6.0			
Percentage distribution	do	100.0	9.3	24.5	27.1	0.3	5.0	3.4	0.6			
<b>Retail</b>												
Establishments reporting	Number	6,981	54	289	110	-	11	6	8			
Percentage distribution	Percent	100.0	0.8	4.1	1.6	-	0.2	0.1	0.1			
Value	Dollar	132,478,802	2,471,322	15,783,469	7,548,320	-	397,710	194,016	65,824			
Average per establishment reporting	do	18,977	45,765	54,614	68,621	-	36,155	32,341	8,228			
Percentage of total sales	Percent	41.2	19.4	19.4	23.0	-	2.7	1.8	0.7			
Percentage distribution	do	100.0	1.9	11.9	5.7	-	0.3	0.1	1/1			
<b>Value of crops at wholesale prices</b>												
Establishments reporting	Number	12,427	159	789	273	24	162	132	122			
Percentage distribution	Percent	100.0	1.3	6.3	2.2	0.2	1.3	1.1	1.0			
Value	Dollar	218,521,723	11,038,701	68,982,191	26,626,704	1,217,429	14,522,463	10,892,247	8,764,001			
Average per establishment reporting	do	17,590	69,426	87,430	97,534	50,726	89,642	82,517	71,836			
Percentage of total sales	Percent	67.9	86.6	84.9	81.0	100.0	98.0	99.2	99.5			
Percentage distribution	do	100.0	5.1	31.5	12.4	0.6	6.6	5.0	4.0			

1/ Less than 0.05 percent.

Table 9.--Floriculture: Employment by specialization for groups of crops, United States, 1949

Item	Unit	Plants, cut-tings, etc. : sold for		Cut flowers : grown		Potted plants : grown under glass		Cut flowers : grown under glass		Crops grown : outdoors and under lath		Propagated : mushrooms		Vegetables : grown under glass	
		159	789	273	24	162	132	122	1.3	1.0	1.0	1.1	1.0	1.0	1.0
<b>Employment</b>															
<b>Total</b>		12,427	100.0	77,954	100.0	6,016	100.0	9,340	100.0	724	100.0	1,753	100.0	2.2	100.0
Establishments reporting.....	Number	159		789		159		789		159		789		159	
Percentage distribution.....	Percent	1.3		6.3		1.8		9.0		1.8		9.0		1.8	
Persons.....	Number	2,742		14,089		2,416		12,327		2,416		12,327		52,831	
Average per establishment reporting.....	do	17.24		17.86		88.1		87.5		88.1		88.2		67.8	
Percentage distribution.....	Percent	3.5		18.1		4.6		23.3		4.6		23.3		100.0	
<b>Proprietors of unincorporated establishments</b>															
Establishments reporting.....	Number	127		534		127		534		127		534		127	
Percentage distribution.....	Percent	1.1		4.7		1.1		4.7		1.1		4.7		1.1	
Persons.....	Number	184		819		184		819		184		819		184	
Percentage of total employment.....	Percent	6.7		5.8		6.7		5.8		6.7		5.8		6.7	
Percentage distribution.....	do	1.3		5.8		1.3		5.8		1.3		5.8		1.3	
<b>Unpaid family workers</b>															
Establishments reporting.....	Number	15		148		15		148		15		148		15	
Percentage distribution.....	Percent	0.7		2.5		0.7		2.5		0.7		2.5		0.7	
Persons.....	Number	70		232		70		232		70		232		70	
Percentage of total employment.....	Percent	2.6		1.6		2.6		1.6		2.6		1.6		2.6	
Percentage distribution.....	do	0.7		2.5		0.7		2.5		0.7		2.5		0.7	
<b>Paid officers of corporations</b>															
Establishments reporting.....	Number	31		250		31		250		31		250		31	
Percentage distribution.....	Percent	4.3		34.5		4.3		34.5		4.3		34.5		4.3	
Persons.....	Number	72		711		72		711		72		711		72	
Percentage of total employment.....	Percent	2.6		5.0		2.6		5.0		2.6		5.0		2.6	
Percentage distribution.....	do	4.1		40.6		4.1		40.6		4.1		40.6		4.1	
<b>All other paid employees</b>															
For pay period (March 15, 1949)															
Establishments reporting.....	Number	724		8,753		724		8,753		724		8,753		724	
Percentage distribution.....	Percent	100.0		100.0		100.0		100.0		100.0		100.0		100.0	
Persons.....	Number	1,753		52,831		1,753		52,831		1,753		52,831		1,753	
Percentage of total employment.....	Percent	2.2		67.8		2.2		67.8		2.2		67.8		2.2	
Percentage distribution.....	do	100.0		100.0		100.0		100.0		100.0		100.0		100.0	
<b>Year round positions</b>															
Establishments reporting.....	Number	158		781		158		781		158		781		158	
Percentage distribution.....	Percent	2.4		11.9		2.4		11.9		2.4		11.9		2.4	
Persons.....	Number	1,634		10,071		1,634		10,071		1,634		10,071		1,634	
Percentage of total employment.....	Percent	61.5		81.7		61.5		81.7		61.5		81.7		61.5	
Percentage distribution.....	do	5.0		31.0		5.0		31.0		5.0		31.0		5.0	

Table 10.—Floriculture: Specified expenditures by specialization for groups of crops, United States, 1949

Item	Total	Plants, cut-tings, etc.:		Cut flowers:		Potted plants:		Cut flowers:		Crops grown:		Vegetables:	
		Unit	Number	Dollar	Percent	Number	Dollar	Percent	Number	Dollar	Percent	Number	Dollar
<b>Specified expenditures</b>													
Total	12,427		159	789	273	24	162	132	122				
Establishments reporting	100.0		1.3	6.3	2.2	0.2	1.3	1.1	1.0				
Percentage distribution	139,162,990		6,502,339	42,327,392	15,271,957	592,160	7,363,554	5,642,765	4,427,795				
Amount expended	11,198		40,895	53,697	59,615	24,673	45,459	42,748	36,293				
Average per establishment reporting	100.0		41.7	30.4	11.7	0.4	5.3	4.1	3.2				
Percentage distribution													
<b>Wages and salaries paid</b>													
Officers of corporations													
Establishments reporting	724		32	245	76	1	23	16	29				
Percentage distribution	100.0		4.4	33.8	10.5	0.1	3.2	2.2	4.0				
Amount expended	8,888,521		427,891	1,129,741	1,334,126	8,000	348,133	210,365	311,919				
Average per establishment reporting	12,277		13,372	16,856	17,554	8,000	15,136	13,148	11,790				
Average per person	5,070		5,943	5,808	5,929	8,000	6,826	6,375	4,293				
Percentage distribution	100.0		4.8	46.5	15.0	0.1	3.9	2.4	3.8				
<b>All other paid employees</b>													
Establishments reporting	9,839		159	789	272	24	162	132	121				
Percentage distribution	100.0		1.6	8.0	2.8	0.2	1.6	1.3	1.2				
Amount expended	84,411,839		4,392,819	26,358,122	9,494,475	472,655	4,736,550	3,596,885	2,439,193				
Average per establishment reporting	8,580		27,628	33,407	34,906	19,594	29,238	27,249	20,159				
Average per person	26.2		34.4	32.5	28.9	38.8	32.0	32.8	27.7				
Percentage distribution	100.0		5.2	31.2	11.2	0.6	5.6	4.3	2.9				
<b>Year-round employees</b>													
Establishments reporting	6,553		158	779	272	22	154	117	116				
Percentage distribution	100.0		2.4	11.9	4.2	0.3	2.4	1.8	1.8				
Amount expended	68,294,921		3,587,425	23,778,270	8,385,932	286,439	2,741,310	3,085,052	1,973,283				
Average per establishment reporting	10,422		22,705	30,524	30,831	13,020	17,801	26,368	17,011				
Average per person	2,102		2,195	2,361	2,194	2,003	1,640	2,351	2,200				
Percentage distribution	100.0		5.3	34.8	12.3	0.4	4.0	4.5	2.9				
<b>Part-time or seasonal employees</b>													
Establishments reporting	8,193		131	584	202	23	150	119	109				
Percentage distribution	100.0		1.6	7.1	2.5	0.3	1.8	1.5	1.3				
Amount expended	16,122,918		805,394	2,579,852	1,108,543	186,216	1,995,240	511,833	465,910				
Average per establishment reporting	1,968		6,148	4,478	5,488	8,096	13,302	4,301	4,274				
Percentage distribution	100.0		5.0	16.0	6.9	1.2	12.4	3.2	2.9				
<b>Manure and fertilizer</b>													
Establishments reporting	12,062		156	767	271	24	160	132	122				
Percentage distribution	100.0		1.3	6.4	2.2	0.2	1.3	1.1	1.0				
Amount expended	6,800,819		207,607	1,061,654	288,519	35,102	721,782	1,555,888	184,542				
Average per establishment reporting	564		1,331	1,384	1,065	1,462	4,511	11,787	1,513				
Percentage of value of all crops	3.1		1.9	1.5	1.1	2.9	5.0	14.3	2.1				
Percentage distribution	100.0		3.1	15.6	4.2	0.5	10.6	22.9	2.7				

Continued—

Table 10.--Floriculture: Specified expenditures by specialization for groups of crops, United States, 1949 - continued

Item	Unit	Total	Plants, cut-tings, etc. sold for growing on		Cut flowers: plants grown under glass		Cut flowers: plants grown under cloth		Crops grown outdoors: and under lath		Vegetables grown under glass	
			Number	Dollar	Number	Dollar	Number	Dollar	Number	Dollar	Number	Dollar
<b>Insecticides and fungicides</b>												
Establishments reporting.....	Number	11,769	152	761	265	24	156	118	117			
Percentage distribution.....	Percent	100.0	1.3	6.5	2.3	0.2	1.3	1.0	1.0			
Amount expended.....	Dollar	2,111,739	75,502	537,430	148,795	22,702	233,231	149,532	72,614			
Average per establishment reporting.....	do	182	497	706	561	946	1,495	715	621			
Percentage of value of all crops.....	Percent	1.0	0.7	0.8	0.6	0.8	1.6	0.8	0.8			
Percentage distribution.....	do	100.0	3.5	25.1	6.9	1.1	10.9	3.9	3.4			
<b>Seeds, plants and bulbs for planting</b>												
Establishments reporting.....	Number	11,318	144	720	244	23	121	109	114			
Percentage distribution.....	Percent	100.0	1.3	6.3	2.2	0.2	1.1	1.0	1.0			
Amount expended.....	Dollar	17,280,428	746,685	3,762,803	3,352,978	39,402	1,218,281	181,298	95,612			
Average per establishment reporting.....	do	1,523	5,185	5,226	13,742	1,713	10,068	1,663	839			
Percentage of value of all crops.....	Percent	7.9	6.8	5.5	12.6	3.2	8.4	1.7	1.1			
Percentage distribution.....	do	100.0	4.3	21.8	19.4	0.2	7.1	1.0	0.6			
<b>Fuel</b>												
Amount expended.....	Dollar	16,507,208	409,466	5,761,400	1,357,878	8,545	17,363	7,354	1,281,967			
Cost per square foot of greenhouse area.....	do	0.09	0.09	0.09	0.08	0.08	0.08	0.05	0.08			
<b>Coal</b>												
Establishments reporting.....	Number	7,285	61	588	175	4	6	3	116			
Percentage distribution.....	Percent	100.0	0.8	8.1	2.4	0.1	0.1	1/	1.6			
Tons.....	Number	1,390,277	34,066	484,625	91,279	384	1,540	1,073	162,086			
Amount expended.....	Dollar	12,311,067	288,744	4,030,178	858,551	3,761	9,838	7,289	1,248,969			
Average per establishment reporting.....	do	1,690	4,734	6,854	4,906	940	1,610	2,130	10,767			
Average per ton.....	do	8.86	8.18	8.32	9.11	6.39	6.79	7.71	7.71			
Percentage distribution.....	Percent	100.0	2.3	32.7	7.0	1/	0.1	0.1	10.1			
<b>Fuel oil</b>												
Establishments reporting.....	Number	2,188	57	234	91	1	5	6	6			
Percentage distribution.....	Percent	100.0	2.6	10.7	4.2	1/	0.2	0.3	0.3			
Gallons.....	Number	41,706,177	1,733,991	20,960,082	4,640,593	18,130	24,677	387,499	387,499			
Amount expended.....	Dollar	3,288,343	152,270	1,344,394	374,350	1,200	3,216	26,698	26,698			
Average per establishment reporting.....	do	1,503	2,671	5,745	4,114	1,200	643	4,450	4,450			
Average per gallon.....	do	0.08	0.09	0.06	0.08	0.07	0.13	0.07	0.07			
Percentage distribution.....	Percent	100.0	4.6	40.9	11.4	1/	0.1	0.8	0.8			
<b>Gas for heating</b>												
Establishments reporting.....	Number	959	48	85	52	2	5	1	1			
Percentage distribution.....	Percent	100.0	5.0	8.9	5.4	0.2	0.5	0.1	0.1			
Amount expended.....	Dollar	907,798	48,452	366,828	124,977	4,309	4,309	65	6,300			
Average per establishment reporting.....	do	1,009	1,009	4,551	2,403	862	862	65	6,300			
Percentage distribution.....	Percent	100.0	5.3	42.6	13.8	0.4	0.5	1/	0.7			
<b>Advertising</b>												
Establishments reporting.....	Number	8,991	139	678	241	16	108	18	36			
Percentage distribution.....	Percent	100.0	1.5	7.5	2.7	0.2	1.2	0.2	0.4			
Amount expended.....	Dollar	3,126,436	162,369	716,242	298,186	5,754	88,214	6,636	11,918			
Average per establishment reporting.....	do	348	1,168	1,056	1,237	360	817	369	331			
Percentage of total sales.....	Percent	1.0	1.3	0.9	0.9	0.5	0.6	0.1	0.1			
Percentage distribution.....	do	100.0	5.2	22.9	9.5	0.2	2.8	0.2	0.4			

1/ Less than 0.05 percent.



Table 11.--Floriculture: Structures and equipment, April 1, 1950, by specialization for groups of crops in 1949, United States

Item	Unit	Total	Plants, cut-flowers, etc.			Cut flowers			Potted plants			Cut flowers			Crops grown		
			growing on	solid for	flowers, etc.	under glass	under glass	grown under glass	grown under glass	outdoors	outdoors	outdoors	outdoors	outdoors	outdoors	outdoors	outdoors
<b>Value of land, structures and equipment</b>																	
Establishments reporting.....	Number	12,427	159	789	273	24	162	132	122								
Percentage distribution.....	Percent	100.0	1.3	6.3	2.2	0.2	1.3	1.1	1.0								
Value.....	Dollar	339,235,021	10,182,037	78,223,918	24,912,934	1,112,205	11,334,112	8,519,796	10,557,019								
Average per establishment reporting.....	do	27,298	65,988	99,193	91,256	46,342	69,964	64,544	66,533								
Percentage distribution.....	Percent	100.0	3.1	23.1	7.3	0.3	3.3	2.5	3.1								
<b>Greenhouse area</b>																	
Establishments reporting.....	Number	9,875	152	789	273	7	13	3	122								
Percentage distribution.....	Percent	100.0	1.5	8.0	2.8	0.1	0.1	1/	1.2								
Area.....	Sq. ft.	187,324,139	5,569,228	61,044,979	17,172,610	110,850	216,700	140,590	17,030,213								
Average per establishment reporting.....	Sq. ft.	18,970	36,640	77,370	62,903	15,836	16,669	16,863	139,592								
Crop value per square foot.....	Dollar	0.93	1.95	1.11	1.53	0.74	0.78	0.57	0.51								
Percentage distribution.....	Percent	100.0	3.0	32.6	9.2	0.1	0.1	0.1	9.1								
<b>Used primarily for florist's crops</b>																	
Establishments reporting.....	Number	9,396	152	789	273	7	13	2	16								
Percentage distribution.....	Percent	100.0	1.6	8.4	2.9	0.1	0.1	1/	0.2								
Area.....	Sq. ft.	159,917,237	5,569,228	60,607,199	17,133,570	110,850	206,700	50,590	316,163								
Crop value per square foot.....	Dollar	1.01	1.95	1.11	1.53	0.74	0.79	0.69	0.68								
Percentage distribution.....	Percent	100.0	3.5	37.9	10.7	0.1	0.1	1/	0.2								
<b>Used primarily for vegetable crops</b>																	
Establishments reporting.....	Number	768	-	17	5	-	-	1	122								
Percentage distribution.....	Percent	100.0	-	2.2	0.7	-	-	0.1	15.9								
Area.....	Sq. ft.	27,406,902	-	437,780	48,100	-	-	10,000	16,714,050								
Crop value per square foot.....	Dollar	0.46	-	0.41	0.69	-	-	0.48	0.51								
Percentage distribution.....	Percent	100.0	-	1.6	0.1	-	-	1/	0.3								
<b>Greenhouse bench or bed area</b>																	
Establishments reporting.....	Number	191	5	28	4	-	-	1	-								
Percentage distribution.....	Percent	100.0	2.6	14.7	2.1	-	-	0.5	-								
Area.....	Sq. ft.	605,220	72,134	199,864	36,830	-	-	8,000	-								
Percentage distribution.....	Percent	100.0	11.9	33.0	6.1	-	-	1.3	-								
<b>With automatic watering or subirrigation in 1949</b>																	
Establishments reporting.....	Number	458	10	120	26	2	2	1	1								
Percentage distribution.....	Percent	100.0	2.2	26.2	5.7	0.4	0.4	0.2	0.2								
Area.....	Sq. ft.	6,982,802	63,600	2,346,462	343,978	4,900	800	5,600	2,251,962								
Percentage distribution.....	Percent	100.0	0.9	33.6	4.9	0.1	1/	0.1	32.3								
<b>With black cloth treatment in 1949</b>																	
Establishments reporting.....	Number	1,129	20	185	95	2	2	1	1								
Percentage distribution.....	Percent	100.0	1.8	16.4	8.4	0.2	0.2	0.2	0.1								
Area.....	Sq. ft.	3,604,365	533,314	1,363,202	434,830	25,800	1,800	3,000	3,000								
Percentage distribution.....	Percent	100.0	14.8	38.4	12.1	0.7	1/	0.1	0.1								

1/ Less than 0.05 percent.

Continued-

Table 11.--Floriculture: Structures and equipment, April 1, 1950, by specialization for proums in 1949, United States - continued

Item	Unit	Total	Plants, cut- tings, etc. sold for growth on	Cut flowers: grown under glass	Potted plants grown under glass	Cut flowers grown under cloth	Crops grown: outdoors and under lath	Propagated: mushrooms	Vegetables grown under glass
<b>With artificial lighting in 1949</b>									
Establishments reporting.....	Number	658	13	118	149	3	1	-	1
Percentage distribution.....	Percent	100.0	1.9	17.7	7.3	0.4	0.1	-	0.1
Area.....	Sq. ft.	2,158,724	608,741	813,765	153,675	11,900	7,000	-	5,000
Percentage distribution.....	Percent	100.0	28.2	37.7	7.1	0.6	0.3	-	0.2
<b>With soil sterilization in 1949</b>									
Establishments reporting.....	Number	2,549	33	439	71	4	3	3	77
Percentage distribution.....	Percent	100.0	1.3	17.2	2.8	0.2	0.1	0.1	3.0
Area.....	Sq. ft.	42,844,422	1,062,481	13,399,997	1,267,614	52,950	68,500	86,200	9,433,061
Percentage distribution.....	Percent	100.0	2.5	31.3	3.0	0.1	0.2	0.2	22.0
<b>Frame area</b>									
Establishments reporting.....	Number	3,116	68	132	114	1	8	5	7
Percentage distribution.....	Percent	100.0	2.2	4.2	3.7	1/	0.3	0.2	0.2
Area.....	Sq. ft.	10,937,716	747,472	920,920	1,698,036	25,500	127,200	103,580	42,230
Percentage distribution.....	Percent	100.0	6.8	8.4	15.5	0.2	1.2	0.9	0.4
<b>Cloth-house area</b>									
Establishments reporting.....	Number	1,117	30	127	145	24	9	-	-
Percentage distribution.....	Percent	100.0	2.7	11.4	13.0	2.1	0.8	-	-
Area.....	Sq. ft.	17,218,835	286,495	1,783,381	499,852	3,795,350	624,300	-	-
Percentage distribution.....	Percent	100.0	1.7	10.4	2.9	22.0	3.6	-	-
<b>With black cloth treatment in 1949</b>									
Establishments reporting.....	Number	336	5	59	21	11	-	-	-
Percentage distribution.....	Percent	100.0	1.5	17.6	6.3	3.3	-	-	-
Area.....	Sq. ft.	3,517,584	82,200	710,176	108,513	1,221,960	-	-	-
Percentage distribution.....	Percent	100.0	2.3	20.2	3.1	34.7	-	-	-
<b>Lath-house area</b>									
Establishments reporting.....	Number	917	59	145	61	1	28	-	-
Percentage distribution.....	Percent	100.0	6.4	15.9	6.7	0.1	3.1	-	-
Area.....	Sq. ft.	50,887,990	4,336,365	699,190	4,267,234	5,600	17,790,800	-	-
Percentage distribution.....	Percent	100.0	8.5	1.4	8.4	1/	35.0	-	-
<b>Storage-house floor area</b>									
Establishments reporting.....	Number	2,816	58	327	131	10	145	-	17
Percentage distribution.....	Percent	100.0	2.1	11.6	4.7	0.4	1.6	-	0.6
Area.....	Sq. ft.	5,365,634	328,837	1,390,835	559,176	28,905	388,159	-	117,342
Percentage distribution.....	Percent	100.0	6.1	25.9	10.4	0.5	7.2	-	2.2
<b>Refrigerated storage</b>									
Establishments reporting.....	Number	1,967	20	332	58	3	147	3	12
Percentage distribution.....	Percent	100.0	1.0	16.9	2.9	0.2	2.4	0.2	0.6
Capacity.....	Cu. ft.	3,255,182	80,007	1,066,181	281,894	7,480	658,855	5,350	111,348
Percentage distribution.....	Percent	100.0	2.5	32.8	8.7	0.2	20.2	0.2	3.4

1/ Less than 0.05 percent.

Table 12.--Floriculture: Crops sold by specialization for groups of crops, United States, 1949

Item	Unit	Total	Plants, cut-tings, etc. sold for growing on		Cut flowers		Potted plants		Cut flowers		Crops grown		Vegetables	
			growing on	under glass	growing	under glass	growing	under glass	growing	under glass	growing	under glass	outdoors	under glass
<b>Crops sold</b>														
<b>Total</b>														
Value at wholesale prices.....	Dollar	218,521,723	11,038,704	66,982,191	26,626,704	1,217,429	14,522,063	10,892,247	8,761,001					
Percentage distribution.....	Percent	100.0	5.1	31.6	12.2	0.6	6.5	5.0	4.0					
<b>Plants, cuttings, etc. sold for growing on</b>														
<b>Total</b>														
Value at wholesale prices.....	Dollar	30,591,286	9,110,230	1,948,663	2,159,690	9,785	51,061	64,655						
Percentage of value of all crops.....	Percent	14.0	82.8	2.8	8.1	0.4	0.4	0.7						
Percentage distribution.....	do	100.0	29.9	6.4	7.1	1/	0.2	0.2						
<b>Azaleas</b>														
Establishments reporting.....	Number	92	8	6	14									
Percentage distribution.....	Percent	100.0	8.7	6.5	15.2									
Plants.....	Number	7,516,000	4,277,000	69,000	2,280,000									
Value.....	Dollar	1,113,107	548,668	9,070	422,488									
Average per plant.....	do	0.15	0.13	0.13	0.19									
Percentage of value of all crops.....	Percent	0.5	5.0	1/	1.6									
Average per establishment reporting.....	Dollar	12,099	68,584	1,512	30,178									
Percentage distribution.....	Percent	100.0	49.3	0.8	30.0									
<b>Carnations</b>														
Establishments reporting.....	Number	275	11	76	8									
Percentage distribution.....	Percent	100.0	4.0	27.6	2.9									
Plants.....	Number	4,524,000	906,000	2,109,000	85,000									
Value.....	Dollar	435,111	80,736	225,511	11,184									
Average per plant.....	do	0.10	0.09	0.11	0.13									
Percentage of value of all crops.....	Percent	0.2	0.7	0.3	1/									
Average per establishment reporting.....	Dollar	1,582	7,340	2,967	1,398									
Percentage distribution.....	Percent	100.0	18.6	51.8	2.6									
<b>Chrysanthemums</b>														
Establishments reporting.....	Number	351	19	46	26									
Percentage distribution.....	Percent	100.0	5.4	13.1	7.4									
Plants.....	Number	30,044,000	3,131,000	2,029,000	727,000									
Value.....	Dollar	1,437,673	1,165,468	87,347	40,634									
Average per plant.....	do	0.04	0.04	0.04	0.06									
Percentage of value of all crops.....	Percent	0.7	10.6	0.1	0.2									
Average per establishment reporting.....	Dollar	4,096	61,340	1,899	1,563									
Percentage distribution.....	Percent	100.0	81.1	6.1	2.8									
<b>Foliage or green plants</b>														
Establishments reporting.....	Number	612	44	19	24									
Percentage distribution.....	Percent	100.0	7.2	3.1	3.9									
Plants.....	Number	35,034,000	23,139,000	24,700,000	3,273,000									
Value.....	Dollar	3,315,505	2,231,666	29,955	346,123									
Average per plant.....	do	0.09	0.10	0.12	0.11									
Percentage of value of all crops.....	Percent	1.5	20.2	1/	1.3									
Average per establishment reporting.....	Dollar	5,417	50,720	1,577	14,422									
Percentage distribution.....	Percent	100.0	67.3	0.9	10.4									

1/ Less than 0.05 percent.  
 2/ Less than 1,000 plants.

Continued

Table 12.--Floriculture: Crops sold by specialization for groups of crops, United States, 1949 - continued

Item	Unit		Total		Plants, cut-:		Cut flowers:		Potted plants:		Cut flowers:		Crops grown:		
	: Number	: Percent	: Dollar	: Percent	: growing on	: under glass	: sold for	: grown	: plants	: grown under	: outdoors	: flowers	: and under	: Vegetables	
					: glass	: glass	: growing under	: glass	: glass	: glass	: and under	: cloth	: lath	: grown	
							: mushrooms				: mushrooms			: under glass	
<b>Geraniums</b>															
Establishments reporting.....	61		4,398						132	91					5
Percentage distribution.....	1.4		100.0						3.0	2.1					0.1
Plants.....			25,668,000						1,121,000	1,300,000					92,000
Value.....			5,154,518						283,288	317,312					20,800
Average per plant.....	do		0.20						0.25	0.24					0.23
Percentage of value of all crops.....	4.9		2.4						0.4	1.2					0.2
Average per establishment reporting....	Dollar		1,172						2,146	3,487					4,160
Percentage distribution.....	Percent		100.0						5.5	6.2					0.4
<b>Hydrangeas</b>															
Establishments reporting.....	76														
Percentage distribution.....	2.6		100.0						7.7	35.9					
Plants.....			1,395,000						60,000	562,000					2,000
Value.....			369,857						10,980	230,076					576
Average per plant.....	do		0.27						0.21	0.41					0.29
Percentage of value of all crops.....	0.9		0.2						1/	0.9					1/
Average per establishment reporting....	Dollar		4,742						1,830	8,217					576
Percentage distribution.....	Percent		100.0						3.0	62.2					
<b>Polinettias</b>															
Establishments reporting.....	120														
Percentage distribution.....	3		100.0						11	39					
Plants.....			1,212,000						9.2	32.5					0.8
Value.....			163,329						108,000	610,000					133,000
Average per plant.....	do		0.13						15,785	79,113					20,000
Percentage of value of all crops.....	0.1		0.1						0.15	0.13					0.15
Average per establishment reporting....	Dollar		1,361						1/	0.3					0.1
Percentage distribution.....	Percent		100.0						1,835	2,029					20,000
									9.7	48.4					12.2
<b>Roses</b>															
Establishments reporting.....	44														
Percentage distribution.....	2.3		100.0						36.4	2.3					
Plants.....			1,107,000						1,044,000	2,000					
Value.....			283,752						268,459	750					
Average per plant.....	do		0.26						0.26	0.38					
Percentage of value of all crops.....	0.1		0.1						0.4	1/					
Average per establishment reporting....	Dollar		6,449						16,779	750					
Percentage distribution.....	Percent		100.0						94.6	0.3					
<b>Bedding and vegetable plants</b>															
Establishments reporting.....	107		5,938												
Percentage distribution.....	1.8		100.0						2.5	1.9					8
Plants.....			16,924,653						495,604	644,386					43,855
Value.....			7.7						0.7	2.4					0.5
Average per establishment reporting....	Dollar		2,850						3,371	5,753					5,482
Percentage distribution.....	Percent		100.0						2.9	3.8					0.3
<b>All other stock for growing on</b>															
Establishments reporting.....	15		237												
Percentage distribution.....	6.3		100.0						10.1	5.1					
Plants.....			1,393,781						522,664	67,624					20,796
Value.....			0.6						0.8	0.3					0.1
Average per establishment reporting....	Dollar		5,881						21,778	5,635					10,398
Percentage distribution.....	Percent		100.0						37.5	4.9					1.5

1/ Less than 0.05 percent.

Continued-

Table 12.--Floriculture: Crops sold by specialization for groups of crops, United States, 1919 - continued

Item	Unit	Total	Plants, cut-:		Cut flowers:		Potted plants:		Crops grown:		Vegetables:	
			growing on	under glass	grown	under glass	plants	under glass	outdoors	and under	propagated	grown
			on	in	in	in	in	in	in	in	in	in
			dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars
Cut flowers grown under glass, sold												
Total												
Value at wholesale prices.....	Dollar	93,478,944	1,077,576	62,204,547	2,209,274	2,209,274	81,220	34,980	139,807			
Percentage of value of all crops.....	Percent	42.8	9.8	90.2	8.3	8.3	0.6	0.3	1.6			
Percentage distribution.....	do	100.0	1.2	66.5	2.4	2.4	0.1	1/	0.1			
Carnations												
Establishments reporting.....	Number	3,535	21	500	53	53	4	2	2			
Percentage distribution.....	Percent	100.0	0.6	14.1	1.5	1.5	0.1	0.1	1/			
Flowers.....	Number	250,809,000	1,407,000	146,724,000	4,381,000	4,381,000	920,000	323,000	23,000			
Value.....	Dollar	19,908,968	101,610	11,937,728	395,075	395,075	57,316	22,958	2,234			
Average per flower.....	do	0.08	0.07	0.08	0.09	0.09	0.06	0.07	0.10			
Percentage of value of all crops.....	Percent	9.1	0.9	17.3	1.5	1.5	0.1	0.2	1/			
Average per establishment reporting....	Dollar	5,632	4,839	23,875	7,454	7,454	14,329	4,740	1,117			
Percentage distribution.....	Percent	100.0	0.5	60.0	2.0	2.0	0.3	1/	1/			
Chrysanthemums (standard)												
Establishments reporting.....	Number	4,471	41	360	88	88	1	3	4			
Percentage distribution.....	Percent	100.0	0.9	8.1	2.0	2.0	1/	0.1	0.1			
Flowers.....	Number	29,285,000	1,386,000	4,076,000	1,367,000	1,367,000	20,000	24,000	101,000			
Value.....	Dollar	5,878,749	299,870	1,562,272	287,047	287,047	5,000	5,587	24,694			
Average per flower.....	do	0.20	0.22	0.34	0.21	0.21	0.25	0.23	0.24			
Percentage of value of all crops.....	Percent	2.7	2.7	2.3	1.1	1.1	0.4	1/	0.3			
Average per establishment reporting....	Dollar	1,315	7,314	4,340	3,262	3,262	5,000	1,862	6,174			
Percentage distribution.....	Percent	100.0	5.1	26.6	4.9	4.9	0.1	0.1	0.4			
Chrysanthemums (pompon)												
Establishments reporting.....	Number	5,021	41	408	84	84	1	3	4			
Percentage distribution.....	Percent	100.0	0.8	8.1	1.7	1.7	1/	0.1	0.1			
Bunches.....	Number	9,295,000	502,000	2,374,000	286,000	286,000	10,000	6,000	39,000			
Value.....	Dollar	7,897,649	461,258	2,066,518	258,174	258,174	10,300	4,912	36,665			
Average per bunch.....	do	0.85	0.92	0.87	0.90	0.90	0.8	0.82	0.99			
Percentage of value of all crops.....	Percent	3.6	4.2	3.0	1.0	1.0	0.6	1/	1/			
Average per establishment reporting....	Dollar	1,573	11,323	5,065	3,077	3,077	10,300	1,637	9,666			
Percentage distribution.....	Percent	100.0	5.9	26.2	3.3	3.3	0.1	0.1	0.5			
Gardenias												
Establishments reporting.....	Number	143	1	81	6	6	-	1	-			
Percentage distribution.....	Percent	100.0	0.7	56.6	4.2	4.2	-	0.7	-			
Flowers.....	Number	26,604,000	20,000	26,089,000	99,000	99,000	1,000	1,000	-			
Value.....	Dollar	4,018,150	2,587	3,926,626	12,689	12,689	200	200	-			
Average per flower.....	do	0.15	0.13	0.15	0.13	0.13	0.20	0.20	-			
Percentage of value of all crops.....	Percent	1.8	1/	5.7	1/	1/	1/	1/	-			
Average per establishment reporting....	Dollar	28,099	2,587	48,477	2,115	2,115	200	200	-			
Percentage distribution.....	Percent	100.0	0.1	97.7	0.3	0.3	-	1/	-			
Lilies												
Establishments reporting.....	Number	1,464	8	197	36	36	-	-	1			
Percentage distribution.....	Percent	100.0	0.5	13.5	2.5	2.5	-	-	0.1			
Flowers.....	Number	7,251,000	30,000	3,478,000	332,000	332,000	-	-	1,000			

1/ Less than 0.05 percent.

Continued-

Table 12.--Floriculture: Crops sold by specialization for groups of crops, United States, 1945 - continued

Item	Unit	Total	Plants, cut-tings, etc. sold for		Cut flowers from		Potted plants from		Cut flowers from		Crops grown outdoors and under glass		Crops grown in greenhouses and under glass		Vegetables grown under glass
			growing on	under glass	under glass	under glass	under glass	under glass	under glass	under glass	under glass	under glass	under glass	under glass	
Value	Dollar	1,364,030	6,222	606,654	79,464	108									
Average per flower	do	0.19	0.21	0.17	0.24	0.11									
Percentage of value of all crops	Percent	0.5	0.1	0.9	0.3	1/									
Average per establishment reporting	Dollar	932	778	3,079	2,207	108									
Percentage distribution	Percent	100.0	0.5	44.5	5.8	1/									
Bulb crops (other than Lily)															
Establishments reporting	Number	2,251	12	280	50	1									
Percentage distribution	Percent	100.0	0.5	12.4	2.2	1/									
Flowers	Number	44,546,000	452,000	23,321,000	2,510,000	1,000									
Value	Dollar	4,201,040	43,587	2,132,890	216,716	102									
Average per flower	do	0.09	0.10	0.09	0.10	0.10									
Percentage of value of all crops	Percent	1.9	0.4	3.1	0.9	1/									
Average per establishment reporting	Dollar	1,866	3,632	7,517	4,934	102									
Percentage distribution	Percent	100.0	1.0	50.8	5.9	1/									
Orchids (Cattleya)															
Establishments reporting	Number	297	6	91	16	-									
Percentage distribution	Percent	100.0	2.0	30.5	5.4	-									
Flowers	Number	5,589,000	56,000	5,023,000	76,000	-									
Value	Dollar	7,169,354	51,367	6,602,154	117,848	-									
Average per flower	do	1.28	0.92	1.31	1.55	-									
Percentage of value of all crops	Percent	3.3	0.5	9.6	0.4	-									
Average per establishment reporting	Dollar	24,139	8,561	72,551	7,366	-									
Percentage distribution	Percent	100.0	0.7	92.1	1.6	-									
Orchids (other than Cattleya)															
Establishments reporting	Number	178	2	58	7	1									
Percentage distribution	Percent	100.0	1.1	32.6	3.9	0.6									
Flowers	Number	1,161,000	18,000	916,000	17,000	1,000									
Value	Dollar	969,918	17,377	755,309	16,000	656									
Average per flower	do	0.83	0.97	0.82	0.95	0.66									
Percentage of value of all crops	Percent	0.4	0.2	1.1	0.1	1/									
Average per establishment reporting	Dollar	5,449	8,689	13,023	2,297	656									
Percentage distribution	Percent	100.0	1.8	77.9	1.7	0.1									
Roses															
Establishments reporting	Number	595	3	341	24	1									
Percentage distribution	Percent	100.0	0.5	57.3	4.0	0.2									
Flowers	Number	389,789,000	293,000	366,303,000	6,169,000	114,000									
Value	Dollar	30,582,022.5	2,520	28,711,061	496,061	9,000									
Average per flower	do	0.08	0.10	0.08	0.08	0.06									
Percentage of value of all crops	Percent	14.0	0.3	41.6	1.9	0.1									
Average per establishment reporting	Dollar	51,398	9,840	84,197	20,753	9,000									
Percentage distribution	Percent	100.0	0.1	93.9	1.6	1/									
All other cut flowers grown under glass															
Establishments reporting	Number	4,176	19	384	61	1									
Percentage distribution	Percent	100.0	0.5	9.2	1.5	0.1									
Value	Dollar	11,489,064	61,178	3,903,335	297,820	1,861									
Percentage of value of all crops	Percent	5.3	0.6	5.7	1.1	1/									
Average per establishment reporting	Dollar	2,751	3,220	10,165	4,882	1,861									
Percentage distribution	Percent	100.0	0.5	34.0	2.6	1/									

1/ Less than 0.05 percent.

Continued-

Table 12.--Floriculture: Crops sold by specialization for groups of crops, United States, 1949 - continued

Item	Unit	Total	Plants, cut-tings, etc. sold for growing on		Cut flowers, grown under glass		Cut flowers, grown outdoors and under lath		Crops grown: Propagated: mushrooms; Vegetables grown under glass	
			growing on	under glass	growing under glass	Flowers	Flowers	outdoors	under mushrooms	under glass
<b>Potted plants grown under glass, sold</b>										
Total										
Value at wholesale prices.....	Dollar	36,743,696	615,370	3,212,604	21,845,979			31,160		11,842
Percentage of value of all crops.....	Percent	16.8	5.6	4.7	82.0			0.2		0.1
Percentage distribution.....	do	100.0	1.7	8.7	59.5			0.1		1/
<b>African violets</b>										
Establishments reporting.....	Number	992	10	61	102			1		
Percentage distribution.....	Percent	100.0	1.0	6.1	10.3			0.1		
Plants.....	Number	2,671,000	91,000	111,000	2,033,000			2/		
Value.....	Dollar	1,116,897	25,350	58,181	839,378			60		
Average per plant.....	do	0.42	0.28	0.52	0.41					
Percentage of value of all crops.....	Percent	0.5	0.2	0.1	3.2			1/		
Average per establishment reporting...	Dollar	1,126	2,535	954	8,229			60		
Percentage distribution.....	Percent	100.0	2.3	5.2	75.2			1/		
<b>Azaleas</b>										
Establishments reporting.....	Number	1,928	20	139	196					
Percentage distribution.....	Percent	100.0	1.0	7.2	10.2					
Plants.....	Number	3,407,000	67,000	214,000	2,288,000					
Value.....	Dollar	4,315,222	81,118	292,619	2,944,540					
Average per plant.....	do	1.27	1.21	1.37	1.29					
Percentage of value of all crops.....	Percent	2.0	0.7	0.4	11.1					
Average per establishment reporting...	Dollar	2,238	4,056	2,105	15,023					
Percentage distribution.....	Percent	100.0	1.9	6.8	68.2					
<b>Begonias</b>										
Establishments reporting.....	Number	2,476	21	114	149					
Percentage distribution.....	Percent	100.0	0.8	4.6	6.0					
Plants.....	Number	3,456,000	116,000	142,000	1,023,000					
Value.....	Dollar	1,182,318	25,565	70,925	382,629					
Average per plant.....	do	0.34	0.22	0.50	0.37					
Percentage of value of all crops.....	Percent	0.5	0.2	0.1	1.4					
Average per establishment reporting...	Dollar	478	1,217	622	2,568					
Percentage distribution.....	Percent	100.0	2.2	6.0	32.4					
<b>Foliage or green plants</b>										
Establishments reporting.....	Number	2,507	28	116	219					1
Percentage distribution.....	Percent	100.0	1.1	4.6	8.7					1/
Plants.....	Number	37,811,000	847,000	977,000	27,823,000					33,000
Value.....	Dollar	9,842,266	198,425	372,075	7,554,262					11,000
Average per plant.....	do	0.25	0.23	0.38	0.27					0.33
Percentage of value of all crops.....	Percent	4.5	1.6	0.5	24.1					0.1
Average per establishment reporting...	Dollar	3,926	7,087	3,208	34,494					11,000
Percentage distribution.....	Percent	100.0	2.0	3.8	76.8					0.1
<b>Hydrangeas</b>										
Establishments reporting.....	Number	2,111	23	167	211					
Percentage distribution.....	Percent	100.0	1.1	7.9	10.0					
Plants.....	Number	3,382,000	47,000	441,000	1,978,000					

Continued-

1/ Less than 0.05 percent.  
2/ Less than 1,000 plants.

Table 12.--Floriculture: Crops sold by specialization for groups of crops, United States, 1949 - continued

Item	Unit	Total	Plants, cut-:			Potted:			Cut			Crops grown:				
			things, etc. sold for	under glass	growing on	flowers: grown	flowers: under glass	plants: grown	plants: under glass	flowers: grown	flowers: under glass	outdoors: grown	outdoors: under glass	propagated: mushrooms	propagated: under glass	
Value.....	:Dollar	4,197,117	58,850	545,698	2,407,120	-	-	-	-	-	-	-	-	-	-	-
Average per plant.....	:do	1.26	1.25	1.33	1.22	-	-	-	-	-	-	-	-	-	-	-
Percentage of value of all crops.....	:Percent	1.9	0.5	0.8	9.0	-	-	-	-	-	-	-	-	-	-	-
Average per establishment reporting.....	:Dollar	1,988	2,559	3,268	11,408	-	-	-	-	-	-	-	-	-	-	-
Percentage distribution.....	:Percent	100.0	1.4	13.0	57.4	-	-	-	-	-	-	-	-	-	-	-
Lilies																
Establishments reporting.....	:Number	2,800	28	192	194	-	-	-	-	-	-	-	-	-	-	-
Percentage distribution.....	:Percent	100.0	1.0	6.9	6.9	-	-	-	-	-	-	-	-	-	-	-
Plants.....	:Number	2,831,000	34,000	356,000	1,083,000	-	-	-	-	-	-	-	-	-	-	-
Value.....	:Dollar	3,555,517	42,360	466,258	1,368,044	-	-	-	-	-	-	-	-	-	-	-
Average per plant.....	:do	1.26	1.25	1.31	1.26	-	-	-	-	-	-	-	-	-	-	-
Percentage of value of all crops.....	:Percent	1.6	0.4	0.7	5.1	-	-	-	-	-	-	-	-	-	-	-
Average per establishment reporting.....	:Dollar	1,270	1,513	2,128	7,052	-	-	-	-	-	-	-	-	-	-	-
Percentage distribution.....	:Percent	100.0	1.2	13.1	38.5	-	-	-	-	-	-	-	-	-	-	-
Bulb crops (other than Lily)																
Establishments reporting.....	:Number	2,508	19	152	173	-	-	-	-	-	-	-	-	-	-	-
Percentage distribution.....	:Percent	100.0	0.8	6.1	6.9	-	-	-	-	-	-	-	-	-	-	-
Plants.....	:Number	3,347,000	30,000	279,000	1,329,000	-	-	-	-	-	-	-	-	-	-	-
Value.....	:Dollar	3,293,236	30,425	288,217	1,238,979	-	-	-	-	-	-	-	-	-	-	-
Average per plant.....	:do	0.98	1.01	1.03	0.93	-	-	-	-	-	-	-	-	-	-	-
Percentage of value of all crops.....	:Percent	1.5	0.3	0.4	4.7	-	-	-	-	-	-	-	-	-	-	-
Average per establishment reporting.....	:Dollar	1,313	1,601	1,896	7,162	-	-	-	-	-	-	-	-	-	-	-
Percentage distribution.....	:Percent	100.0	0.9	8.8	37.6	-	-	-	-	-	-	-	-	-	-	-
Poinsettias																
Establishments reporting.....	:Number	2,346	32	178	219	-	-	-	-	-	-	-	-	-	-	-
Percentage distribution.....	:Percent	100.0	1.4	7.6	9.3	-	-	-	-	-	-	-	-	-	-	-
Plants.....	:Number	3,708,000	53,000	442,000	1,799,000	-	-	-	-	-	-	-	-	-	-	-
Value.....	:Dollar	4,715,209	63,552	588,302	2,404,871	-	-	-	-	-	-	-	-	-	-	-
Average per plant.....	:do	1.27	1.20	1.33	1.34	-	-	-	-	-	-	-	-	-	-	-
Percentage of value of all crops.....	:Percent	2.2	0.6	0.9	9.0	-	-	-	-	-	-	-	-	-	-	-
Average per establishment reporting.....	:Dollar	2,001	1,986	3,305	10,961	-	-	-	-	-	-	-	-	-	-	-
Percentage distribution.....	:Percent	100.0	1.3	12.5	51.0	-	-	-	-	-	-	-	-	-	-	-
Roses																
Establishments reporting.....	:Number	574	10	54	101	-	-	-	-	-	-	-	-	-	-	-
Percentage distribution.....	:Percent	100.0	1.7	9.4	17.6	-	-	-	-	-	-	-	-	-	-	-
Plants.....	:Number	571,000	14,000	141,000	386,000	-	-	-	-	-	-	-	-	-	-	-
Value.....	:Dollar	713,647	18,640	51,028	489,754	-	-	-	-	-	-	-	-	-	-	-
Average per plant.....	:do	1.26	1.33	1.24	1.27	-	-	-	-	-	-	-	-	-	-	-
Percentage of value of all crops.....	:Percent	0.3	0.2	0.1	1.8	-	-	-	-	-	-	-	-	-	-	-
Average per establishment reporting.....	:Dollar	1,243	1,864	945	4,849	-	-	-	-	-	-	-	-	-	-	-
Percentage distribution.....	:Percent	100.0	2.6	7.2	68.6	-	-	-	-	-	-	-	-	-	-	-
All other potted plants grown under glass																
Establishments reporting.....	:Number	1,300	17	106	153	-	-	-	-	-	-	-	-	-	-	-
Percentage distribution.....	:Percent	100.0	1.3	8.2	11.8	-	-	-	-	-	-	-	-	-	-	-
Plants.....	:Number	3,812,267	71,085	479,297	2,216,402	-	-	-	-	-	-	-	-	-	-	-
Value.....	:Dollar	2,933	4,181	4,522	14,486	-	-	-	-	-	-	-	-	-	-	-
Average per establishment reporting.....	:Dollar	100.0	1.9	12.5	58.1	-	-	-	-	-	-	-	-	-	-	-

1/ Less than 0.05 percent.  
2/ Less than 1,000 plants.

Continued-



Table 12.--Floriculture: Crops sold by specialization for groups of crops, United States, 1949 - continued

Item	Unit	Total	Plants, cut-tings, etc. sold for		Cut flowers: grown under glass		Potted plants: grown under glass		Cut flowers: grown under glass		Crops grown outdoors: and under glass		Propagated: mushrooms		Vegetables: grown under glass	
			growing on	under glass	growing on	under glass	growing on	under glass	growing on	under glass	growing on	under glass	growing on	under glass	growing on	under glass
<b>Greenhouse vegetables and mushrooms sold</b>																
Total		27,612,267	-	-	180,444	27,102	-	-	8,478	10,857,267	8,544,389	-	-	-	-	-
Value at wholesale prices.....	Dollar	12.5	-	-	0.3	0.1	-	-	0.1	99.7	97.5	-	-	-	-	-
Percentage of value of all crops.....	Percent	100.0	-	-	0.7	0.1	-	-	1/	39.3	30.9	-	-	-	-	-
Percentage distribution.....	do															
<b>Propagated mushrooms</b>																
Establishments reporting.....	Number	444	-	-	-	-	-	-	1	132	1	-	-	-	-	-
Percentage distribution.....	Percent	100.0	-	-	-	-	-	-	0.2	30.0	0.2	-	-	-	-	-
Value.....	Dollar	11,565,807	-	-	-	-	-	-	3,678	10,812,267	20,000	-	-	-	-	-
Percentage of value of all crops.....	Percent	6.7	-	-	-	-	-	-	1/	99.3	0.2	-	-	-	-	-
Average per establishment reporting.....	Dollar	32,806	-	-	-	-	-	-	3,578	81,911	20,000	-	-	-	-	-
Percentage distribution.....	Percent	100.0	-	-	-	-	-	-	1/	74.2	0.1	-	-	-	-	-
<b>Cucumbers</b>																
Establishments reporting.....	Number	126	-	-	2	1	-	-	1	-	28	-	-	-	-	-
Percentage distribution.....	Percent	100.0	-	-	1.6	0.8	-	-	0.8	-	22.2	-	-	-	-	-
Value.....	Dollar	1,277,176	-	-	6,183	25	-	-	1,200	-	953,385	-	-	-	-	-
Percentage of value of all crops.....	Percent	0.6	-	-	1/	1/	-	-	1/	-	10.9	-	-	-	-	-
Average per establishment reporting.....	Dollar	10,136	-	-	3,592	25	-	-	1,200	-	34,049	-	-	-	-	-
Percentage distribution.....	Percent	100.0	-	-	0.5	1/	-	-	0.1	-	74.6	-	-	-	-	-
<b>Lettuce</b>																
Establishments reporting.....	Number	330	-	-	6	1	-	-	-	-	56	-	-	-	-	-
Percentage distribution.....	Percent	100.0	-	-	18.2	0.3	-	-	-	-	17.0	-	-	-	-	-
Value.....	Dollar	1,393,021	-	-	11,287	150	-	-	25,000	-	673,262	-	-	-	-	-
Percentage of value of all crops.....	Percent	0.5	-	-	1/	1/	-	-	1/	-	7.7	-	-	-	-	-
Average per establishment reporting.....	Dollar	4,221	-	-	1,781	150	-	-	25,000	-	12,023	-	-	-	-	-
Percentage distribution.....	Percent	100.0	-	-	0.8	1/	-	-	1.8	-	48.3	-	-	-	-	-
<b>Tomatoes</b>																
Establishments reporting.....	Number	711	-	-	16	5	-	-	1	120	-	-	-	-	-	-
Percentage distribution.....	Percent	100.0	-	-	2.3	0.7	-	-	0.1	16.9	-	-	-	-	-	-
Value.....	Dollar	10,077,398	-	-	162,284	22,927	-	-	3,600	20,000	6,763,612	-	-	-	-	-
Percentage of value of all crops.....	Percent	4.6	-	-	0.2	0.1	-	-	1/	0.2	77.2	-	-	-	-	-
Average per establishment reporting.....	Dollar	14,174	-	-	10,143	4,585	-	-	3,600	20,000	56,363	-	-	-	-	-
Percentage distribution.....	Percent	100.0	-	-	1.6	0.2	-	-	1/	0.2	67.1	-	-	-	-	-
<b>All other vegetables grown under glass</b>																
Establishments reporting.....	Number	125	-	-	2	1	-	-	-	-	20	-	-	-	-	-
Percentage distribution.....	Percent	100.0	-	-	1.6	0.8	-	-	-	-	16.0	-	-	-	-	-
Value.....	Dollar	298,865	-	-	660	4,000	-	-	-	-	134,130	-	-	-	-	-
Percentage of value of all crops.....	Percent	0.1	-	-	1/	1/	-	-	-	-	1.5	-	-	-	-	-
Average per establishment reporting.....	Dollar	2,391	-	-	330	4,000	-	-	-	-	6,706	-	-	-	-	-
Percentage distribution.....	Percent	100.0	-	-	0.2	1.3	-	-	-	-	44.9	-	-	-	-	-

1/ Less than 0.05 percent.

Continued-

Table 12.--Floriculture: Crops sold by specialization for groups of crops, United States, 1949 - continued

Item	Unit	Total	Plants, cut-:		Potted:		Cut:		Crops grown:		Vegetables grown under glass
			things, etc.:	grown under glass:	plants:	grown under glass:	flowers:	grown under glass:	outdoors:	propagated:	
			grown for:	grown under glass:	plants:	grown under glass:	flowers:	grown under glass:	outdoors:	propagated:	
			growing on:	growing on:	growing on:	growing on:	growing on:	growing on:	growing on:	growing on:	
<b>Cut flowers grown under cloth, sold</b>											
Total											
Value at wholesale prices.....	Dollar	3,893,708	52,715	655,815	137,794	1,071,634			66,053		
Percentage of value of all crops.....	Percent	1.8	0.5	1.0	0.5	88.0			0.5		
Percentage distribution.....	do	100.0	1.4	16.8	3.5	27.5			1.7		
<b>Asters</b>											
Establishments reporting.....	Number	216	1	20	6	3			1		
Percentage distribution.....	Percent	100.0	0.5	9.3	2.8	1.4			0.5		
Flowers.....	Number	4,404,000	20,000	544,000	194,000	1,267,000			1,000		
Value.....	Dollar	185,557	1,000	34,156	10,050	42,469			250		
Average per flower.....	do	0.04	0.05	0.06	0.05	0.03			0.04		
Percentage of value of all crops.....	Percent	0.1	1/	1/	1/	3.5			1/		
Average per establishment reporting.....	Dollar	859	1,000	1,708	1,675	14,156			250		
Percentage distribution.....	Percent	100.0	0.5	18.4	5.4	22.9			0.1		
<b>Chrysanthemums (standard)</b>											
Establishments reporting.....	Number	415	4	34	17	15			4		
Percentage distribution.....	Percent	100.0	1.0	8.2	4.1	3.6			1.0		
Flowers.....	Number	8,944,000	10,000	461,000	240,000	2,704,000			71,000		
Value.....	Dollar	1,181,210	1,400	103,181	44,033	322,274			15,139		
Average per flower.....	do	0.13	0.14	0.22	0.18	0.12			0.21		
Percentage of value of all crops.....	Percent	0.5	1/	0.1	0.2	26.5			0.1		
Average per establishment reporting.....	Dollar	2,846	350	3,035	2,590	21,485			3,785		
Percentage distribution.....	Percent	100.0	0.1	8.7	3.7	27.3			1.3		
<b>Chrysanthemums (pompons)</b>											
Establishments reporting.....	Number	809	9	89	28	17			5		
Percentage distribution.....	Percent	100.0	1.1	11.0	3.5	2.1			0.6		
Bunches.....	Number	3,236,000	74,000	581,000	89,000	879,000			40,000		
Value.....	Dollar	1,861,494	45,546	379,946	63,186	468,653			17,154		
Average per bunch.....	do	0.58	0.62	0.65	0.71	0.53			0.43		
Percentage of value of all crops.....	Percent	0.9	0.4	0.6	0.2	36.5			0.1		
Average per establishment reporting.....	Dollar	2,301	5,061	4,269	2,257	27,568			3,431		
Percentage distribution.....	Percent	100.0	2.4	20.4	3.4	25.2			0.9		
<b>All other cut flowers grown under cloth</b>											
Establishments reporting.....	Number	119	1	12	4	7			5		
Percentage distribution.....	Percent	100.0	0.8	10.1	3.4	5.9			4.2		
Value.....	Dollar	665,447	4,769	138,562	20,525	238,238			33,510		
Percentage of value of all crops.....	Percent	0.3	1/	0.2	0.1	19.6			0.2		
Average per establishment reporting.....	Dollar	5,592	4,769	11,547	5,131	34,034			6,702		
Percentage distribution.....	Percent	100.0	0.7	20.8	3.1	35.8			5.0		

1/ Less than 0.05 percent.

Continued-

Table 12.--Floriculture: Crops sold by specialization for groups of crops, United States, 1949 - continued

Item	Unit	Total	Plants, cut-tings, etc. sold for growing on		Cut flowers grown under glass		Cut plants grown under glass		Crops grown outdoors and under lath		Vegetables grown under glass	
			under glass	lath	under glass	lath	outdoors	under lath	outdoors	under lath	outdoors	under glass
<b>Crops grown outdoors and under lath, sold</b>												
Total		26,201,822	152,813	780,118	216,865	63,394	14,284,091					3,308
Value at wholesale prices	Dollar	12.0	1.4	1.1	0.9	5.2	98.4					1/
Percentage of value of all crops	Percent	100.0	0.6	3.0	0.9	0.2	54.5					1/
Percentage distribution	do											
<b>Asparagus plumosus</b>												
Establishments reporting	Number	232	3		1		27					
Percentage distribution	Percent	100.0	1.3		0.4		11.6					
Sprays	Number	319,325,000	4,128,000		6,893,000		227,511,000					
Value	Dollar	2,902,865	44,315		68,926		1,604,261					
Average per spray	do	0.01	0.01		0.01		0.01					
Percentage of value of all crops	Percent	1.3	0.4		0.3		11.0					
Average per establishment reporting	Dollar	12,512	14,782		68,926		59,117					
Percentage distribution	Percent	100.0	1.5		2.4		55.3					
<b>Chrysanthemums (standard)</b>												
Establishments reporting	Number	262	3	8	6		6					
Percentage distribution	Percent	100.0	1.1	3.1	2.3		2.3					
Flowers	Number	1,691,000	19,000	49,000	28,000		523,000					
Value	Dollar	229,666	2,880	8,887	4,415		57,000					
Average per flower	do	0.14	0.15	0.18	0.16		0.11					
Percentage of value of all crops	Percent	0.1	1/	1/	1/		0.4					
Average per establishment reporting	Dollar	877	960	1,111	736		9,500					
Percentage distribution	Percent	100.0	1.3	3.9	1.9		24.8					
<b>Chrysanthemums (pompon)</b>												
Establishments reporting	Number	784	6	34	11		15					
Percentage distribution	Percent	100.0	0.8	4.3	1.4		1.9					
Bunches	Number	1,390,000	26,000	115,000	19,000		211,000					
Value	Dollar	613,879	10,612	73,302	23,479		82,688					
Average per bunch	do	0.47	0.41	0.64	0.48		0.39					
Percentage of value of all crops	Percent	0.3	0.1	0.1	0.1		0.6					
Average per establishment reporting	Dollar	821	1,769	2,136	2,134		5,513					
Percentage distribution	Percent	100.0	1.6	11.4	3.6		12.8					
<b>Dahlias</b>												
Establishments reporting	Number	642	1	15	9		7					
Percentage distribution	Percent	100.0	0.2	2.3	1.4		1.1					
Flowers	Number	5,706,000	3,000	227,000	102,000		229,000					
Value	Dollar	403,836	300	14,317	6,373		14,877					
Average per flower	do	0.07	0.10	0.06	0.06		0.06					
Percentage of value of all crops	Percent	0.2	1/	0.02	0.02		0.10					
Average per establishment reporting	Dollar	629	300	954	708		2,125					
Percentage distribution	Percent	100.0	0.1	3.5	1.6		3.7					
<b>Delphiniums</b>												
Establishments reporting	Number	722	6	46	6		16					1
Percentage distribution	Percent	100.0	0.8	6.4	0.8		2.2					0.1
Flowers	Number	4,436,000	266,000	433,000	43,000		1,127,000					1,000

1/ Less than 0.05 percent.

Continued-

Table 12.--Floriculture: Crops sold by specialization for groups of crops, United States, 1949 - continued

Item	Unit	Plants, cut-		Cut flowers:		Potted plants:		Crops grown:		Propagated:		Vegetables:	
		things, etc. sold for	growing on	grows	under glass	plants	grows	under glass	flowers	outdoors	under glass	grows	under glass
Value.....	\$	366,594	26,565	140,623	2,543	81,765	-	-	-	-	-	-	100
Average per flower.....	do	0.08	0.10	0.09	0.06	0.07	-	-	-	-	-	-	0.10
Percentage of value of all crops.....	%	0.2	0.2	0.1	1/	0.6	-	-	-	-	-	-	1/
Average per establishment reporting.....	\$	508	4,428	863	424	5,110	-	-	-	-	-	-	100
Percentage distribution.....	%	100.0	7.2	11.1	0.7	22.3	-	-	-	-	-	-	1/
Gladiolus													
Establishments reporting.....	Number	2,367	8	85	21	114	-	-	-	-	-	-	1
Percentage distribution.....	%	100.0	0.3	3.6	0.9	4.8	-	-	-	-	-	-	1/
Flowers.....	Number	288,840,000	620,000	3,481,000	1,359,000	81,000	202,632,000	-	-	-	-	-	14,000
Value.....	\$	14,868,387	31,042	172,179	71,320	5,472	10,551,895	-	-	-	-	-	700
Average per flower.....	do	0.05	0.05	0.05	0.05	0.05	0.05	-	-	-	-	-	0.05
Percentage of value of all crops.....	%	6.8	0.3	0.2	0.3	0.4	72.7	-	-	-	-	-	1/
Average per establishment reporting.....	\$	6,282	3,880	2,026	3,396	5,472	92,587	-	-	-	-	-	700
Percentage distribution.....	%	100.0	0.2	1.2	0.5	1/	71.0	-	-	-	-	-	1/
Iris													
Establishments reporting.....	Number	408	2	28	11	27	-	-	-	-	-	-	-
Percentage distribution.....	%	100.0	0.5	6.9	2.7	6.6	-	-	-	-	-	-	-
Flowers.....	Number	10,385,000	60,000	990,000	307,000	4,656,000	-	-	-	-	-	-	-
Value.....	\$	475,457	3,000	44,296	16,826	218,270	-	-	-	-	-	-	-
Average per flower.....	do	0.05	0.05	0.04	0.05	0.05	-	-	-	-	-	-	-
Percentage of value of all crops.....	%	0.2	1/	0.1	0.1	1.5	-	-	-	-	-	-	-
Average per establishment reporting.....	\$	1,165	1,500	1,582	1,530	8,084	-	-	-	-	-	-	-
Percentage distribution.....	%	100.0	0.6	9.3	3.5	45.9	-	-	-	-	-	-	-
Narcissus													
Establishments reporting.....	Number	338	-	11	2	24	-	-	-	-	-	-	-
Percentage distribution.....	%	100.0	-	3.3	0.6	7.1	-	-	-	-	-	-	-
Flowers.....	Number	46,192,000	-	3,383,000	3,000	15,502,000	-	-	-	-	-	-	-
Value.....	\$	767,689	-	60,440	87	257,314	-	-	-	-	-	-	-
Average per flower.....	do	0.02	-	0.02	0.03	0.02	-	-	-	-	-	-	-
Percentage of value of all crops.....	%	0.4	-	0.1	1/	1.8	-	-	-	-	-	-	-
Average per establishment reporting.....	\$	2,271	-	5,495	1/	10,721	-	-	-	-	-	-	-
Percentage distribution.....	%	100.0	-	7.9	1/	33.5	-	-	-	-	-	-	-
Peonies													
Establishments reporting.....	Number	573	4	36	5	11	-	-	-	-	-	-	-
Percentage distribution.....	%	100.0	0.7	6.3	0.9	1.9	-	-	-	-	-	-	-
Flowers.....	Number	11,794,000	120,000	1,118,000	79,000	3,093,000	-	-	-	-	-	-	-
Value.....	\$	629,903	6,025	61,562	3,942	169,091	-	-	-	-	-	-	-
Average per flower.....	do	0.05	0.05	0.06	0.05	0.05	-	-	-	-	-	-	-
Percentage of value of all crops.....	%	0.3	0.1	0.1	1/	1.2	-	-	-	-	-	-	-
Average per establishment reporting.....	\$	1,099	1,506	1,710	788	15,372	-	-	-	-	-	-	-
Percentage distribution.....	%	100.0	1.0	10.0	0.6	26.8	-	-	-	-	-	-	-
All other crops grown outdoors													
Establishments reporting.....	Number	1,622	5	61	13	43	6	-	-	-	-	-	1
Percentage distribution.....	%	100.0	0.3	3.8	0.8	2.7	0.4	-	-	-	-	-	0.1
Value.....	\$	4,913,546	28,044	299,512	48,954	1,213,930	56,757	1,213,930	-	-	-	-	2,508
Percentage of value of all crops.....	%	2.2	0.3	0.4	0.2	8.6	4.7	8.6	-	-	-	-	1/
Average per establishment reporting.....	\$	3,029	5,609	4,910	3,766	28,929	9,460	28,929	-	-	-	-	2,508
Percentage distribution.....	%	100.0	0.6	6.1	1.0	25.3	1.2	25.3	-	-	-	-	0.1

1/ Less than 0.05 percent.

Table 13.--Floriculture: Number of establishments by type of organization, April 1, 1950, by specialization for groups of crops in 1949, United States

Item	Unit	Total	Plants, cut-tings, etc. sold for growing on		Cut flowers: plants grown under glass		Potted plants: grown under glass		Cut flowers: plants grown under cloth		Outdoors: flowers grown under lath		Crops grown: propagated: mushrooms		Vegetables grown: under glass	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total		12,427	159	1.3	789	6.3	273	2.2	24	0.2	162	1.3	132	1.1	122	1.0
Establishments reporting	Number															
Percentage distribution	Percent	100.0	1.3	6.3	2.2	0.2	1.3	1.1	1.0	1.0	1.0	0.7	0.5	0.5	0.5	58
Operated by																
Individuals																
Establishments reporting	Number	8,925	77	282	89	12	91	62	46							
Percentage of all establishments	Percent	71.8	48.4	35.7	32.6	50.0	56.2	47.0	37.7							
Percentage distribution	do	100.0	0.9	3.2	1.0	0.1	1.0	0.7	0.5							
Partnerships																
Establishments reporting	Number	2,690	51	253	107	11	47	53	46							
Percentage of all establishments	Percent	21.6	32.1	32.1	39.2	45.8	29.0	40.1	37.7							
Percentage distribution	do	100.0	1.9	9.4	4.0	0.4	1.7	2.0	1.7							
Corporations																
Establishments reporting	Number	812	31	254	77	1	24	17	30							
Percentage of all establishments	Percent	6.5	19.5	32.2	28.2	4.2	11.8	12.9	24.6							
Percentage distribution	do	100.0	3.8	31.3	9.5	0.1	3.0	2.1	3.7							

Table 14.—Floriculture: Sales and value of crops at wholesale prices by specialization for selected crops, United States, 1949

Item	Greenhouse										Outdoor	
	Unit	Total	Carnations	Chrysanthemums	Gardenias	Orchids	Roses	Asparagus plumosus	Gladiolus	Outdoor		
<b>Sales</b>												
<b>Total</b>												
Establishments reporting.....	Number	12,427	187	9	21	49	212	27	95			
Percentage distribution.....	Percent	100.0	1.5	0.1	0.2	0.4	1.7	0.2	0.8			
Value.....	Dollar	321,924,603	9,318,815	449,393	2,204,722	5,636,494	32,495,825	1,607,137	10,984,304			
Average per establishment reporting.....	do	25,905	49,833	49,932	104,987	115,439	153,282	59,524	115,624			
Percentage distribution.....	Percent	100.0	2.9	0.1	0.7	1.8	10.1	0.5	3.4			
<b>Wholesale</b>												
Establishments reporting.....	Number	9,112	187	9	21	49	212	27	95			
Percentage distribution.....	Percent	100.0	2.1	0.1	0.2	0.5	2.3	0.3	1.0			
Value.....	Dollar	189,445,801	8,970,372	448,744	2,149,954	5,022,447	29,070,805	1,596,080	10,780,125			
Average per establishment reporting.....	do	20,791	47,970	49,860	102,336	102,499	137,126	59,114	113,475			
Percentage of total sales.....	Percent	58.8	96.3	99.9	97.5	88.8	89.5	99.3	98.1			
Percentage distribution.....	do	100.0	4.7	0.2	1.1	2.7	15.3	0.8	5.7			
<b>To wholesale establishments</b>												
Establishments reporting.....	Number	5,667	181	7	19	43	187	26	83			
Percentage distribution.....	Percent	100.0	3.2	0.1	0.3	0.8	3.3	0.5	1.5			
Value.....	Dollar	108,197,026	7,854,808	321,990	2,027,815	3,006,888	20,363,101	1,086,888	7,875,367			
Average per establishment reporting.....	do	19,092	43,397	45,998	106,727	69,928	108,894	41,780	94,884			
Percentage of all wholesale.....	Percent	57.1	87.6	71.8	94.4	59.9	70.0	68.1	73.1			
Percentage distribution.....	do	100.0	7.3	0.3	1.9	2.8	18.8	1.0	7.3			
<b>To retail and other establishments</b>												
Establishments reporting.....	Number	5,440	52	6	6	26	99	11	30			
Percentage distribution.....	Percent	100.0	1.0	0.1	0.1	0.5	1.8	0.2	0.6			
Value.....	Dollar	81,248,775	1,115,564	126,754	121,239	2,015,559	8,707,704	509,792	2,904,758			
Average per establishment reporting.....	do	14,935	21,453	21,126	20,206	77,522	87,957	46,345	96,825			
Percentage of all wholesale.....	Percent	42.9	12.4	28.2	5.6	40.1	30.0	31.9	26.9			
Percentage distribution.....	do	100.0	1.4	0.2	0.1	2.5	10.7	0.6	3.6			
<b>Retail</b>												
Establishments reporting.....	Number	6,981	31	2	3	17	56	1	6			
Percentage distribution.....	Percent	100.0	0.4	1/	1/	0.2	0.8	1/	0.1			
Value.....	Dollar	132,478,802	348,443	649	55,668	634,047	3,425,020	11,057	204,179			
Average per establishment reporting.....	do	18,977	11,240	324	18,556	37,297	61,161	11,057	34,030			
Percentage of total sales.....	Percent	41.2	3.7	0.1	2.5	11.2	10.5	0.7	1.9			
Percentage distribution.....	do	100.0	0.3	1/	1/	0.5	2.6	1/	0.2			
<b>Value of crops at wholesale prices</b>												
Establishments reporting.....	Number	12,427	187	9	21	49	212	27	95			
Percentage distribution.....	Percent	100.0	1.5	0.1	0.2	0.4	1.7	0.2	0.8			
Value.....	Dollar	218,521,723	9,047,457	448,792	2,164,662	5,186,385	29,429,284	1,604,837	10,830,885			
Average per establishment reporting.....	do	17,590	48,382	49,866	103,079	105,844	138,817	59,438	114,009			
Percentage of total sales.....	Percent	67.9	97.1	99.9	98.2	91.7	90.6	99.8	98.6			
Percentage distribution.....	do	100.0	4.1	0.2	1.0	2.4	13.5	0.7	5.0			

1/ Less than 0.05 percent.

Table 15.—Floriculture: Employment by specialization for selected crops, United States, 1949

Item	Unit	Total	Greenhouse					Roses	Asparagus	Outdoor
			Carnations	Chrysanthemums	Gardenias	Orchids	plumous			
Employment										
Total										
Establishments reporting.....	Number	12,427	187	9	21	49	212	27	95	
Percentage distribution.....	Percent	100.0	1.5	0.1	0.2	0.4	1.7	0.2	0.8	
Persons.....	Number	77,954	1,903	83	526	724	5,191	545	3,427	
Average per establishment reporting.....	do	6.27	10.18	9.22	25.05	14.78	24.48	20.18	36.07	
Percentage distribution.....	Percent	100.0	2.4	0.1	0.7	0.9	6.7	0.7	4.4	
Proprietors of unincorporated establishments										
Establishments reporting.....	Number	11,425	152	8	15	27	114	24	78	
Percentage distribution.....	Percent	100.0	1.3	0.1	0.1	0.2	1.0	0.2	0.7	
Persons.....	Number	14,030	216	15	25	48	190	29	112	
Percentage of total employment.....	Percent	18.0	11.4	18.1	4.8	6.6	3.7	5.3	3.3	
Percentage distribution.....	do	100.0	1.5	0.1	0.2	0.3	1.4	0.2	0.8	
Unpaid family workers										
Establishments reporting.....	Number	6,016	46	2	3	4	27	6	19	
Percentage distribution.....	Percent	100.0	0.8	1/1	1/1	0.1	0.4	0.1	0.3	
Persons.....	Number	9,340	75	4	7	8	44	7	28	
Percentage of total employment.....	Percent	12.0	3.9	4.8	1.3	1.1	0.8	1.3	0.8	
Percentage distribution.....	do	100.0	0.8	1/1	0.1	0.1	0.5	0.1	0.3	
Paid officers of corporations										
Establishments reporting.....	Number	724	34	1	6	21	96	3	15	
Percentage distribution.....	Percent	100.0	4.7	0.1	0.8	2.9	13.3	0.4	2.1	
Persons.....	Number	1,753	83	3	21	63	281	5	30	
Percentage of total employment.....	Percent	2.2	4.4	3.6	4.0	8.7	5.4	0.9	0.9	
Percentage distribution.....	do	100.0	4.7	0.2	1.2	3.6	16.0	0.3	1.7	
All other paid employees										
For pay period (March 15, 1949)										
Establishments reporting.....	Number	8,753	187	9	21	49	212	27	95	
Percentage distribution.....	Percent	100.0	2.1	0.1	0.2	0.6	2.4	0.3	1.1	
Persons.....	Number	52,831	1,529	61	473	605	4,676	504	3,257	
Percentage of total employment.....	Percent	67.8	80.3	73.5	89.9	83.6	90.1	92.5	95.0	
Percentage distribution.....	do	100.0	2.9	0.1	0.9	1.1	8.9	1.0	6.2	
Year round positions										
Establishments reporting.....	Number	6,553	183	9	21	49	211	27	89	
Percentage distribution.....	Percent	100.0	2.8	0.1	0.3	0.7	3.2	0.4	1.4	
Persons.....	Number	32,486	1,119	50	294	546	4,136	351	1,073	
Percentage of total employment.....	Percent	61.5	73.2	82.0	62.2	90.2	88.4	69.6	32.9	
Percentage distribution.....	do	100.0	3.4	0.2	0.1	1.7	12.7	1.1	3.3	

1/ Less than 0.05 percent.

Table 16.—Floriculture: Specified expenditures by specialization for selected crops, United States, 1949

Item	Unit	Total	Greenhouse							Outdoor
			Carnations	Chrysan- themums	Gardenias	Orchids	Roses	Asparagus plumosus	Gladiolus	
<b>Specified expenditures</b>										
Total										
Establishments reporting.....	Number	12,427	187	9	21	49	212	27	95	
Percentage distribution.....	Percent	100.0	1.5	0.1	0.2	0.4	1.7	0.2	0.8	
Amount expended.....	Dollar	139,162,990	4,459,876	248,977	1,189,253	2,458,278	17,788,548	762,714	5,530,697	
Average per establishment reporting.....	do	11,198	23,850	27,564	56,651	50,169	83,908	28,249	58,218	
Percentage distribution.....	Percent	100.0	3.2	0.2	0.9	1.8	12.8	0.5	4.0	
<b>Wages and salaries paid</b>										
Officers of corporations										
Establishments reporting.....	Number	724	34	1	6	19	95	1	17	
Percentage distribution.....	Percent	100.0	4.7	0.1	0.8	2.6	13.1	0.1	2.3	
Amount expended.....	Dollar	8,888,521	375,369	36,792	154,367	390,812	1,754,936	14,000	237,498	
Average per establishment reporting.....	do	12,277	11,040	36,792	25,728	20,569	18,473	14,000	13,970	
Average per person.....	do	5,070	4,523	12,264	7,351	6,203	6,245	2,800	7,917	
Percentage distribution.....	Percent	100.0	4.2	0.4	1.7	4.4	19.7	0.2	2.7	
<b>All other paid employees</b>										
Establishments reporting.....	Number	9,839	187	9	21	49	212	27	95	
Percentage distribution.....	Percent	100.0	1.9	0.1	0.2	0.5	2.2	0.3	1.0	
Amount expended.....	Dollar	84,417,839	2,865,443	139,369	833,893	1,532,581	11,175,129	583,983	3,444,491	
Average per establishment reporting.....	do	8,580	15,323	15,485	39,709	31,277	52,713	21,629	36,258	
Percentage of total sales.....	Percent	26.2	30.7	31.0	37.8	27.1	34.4	36.3	31.4	
Percentage distribution.....	do	100.0	3.4	0.2	1.0	1.8	13.2	0.7	4.1	
<b>Year round employees</b>										
Establishments reporting.....	Number	6,553	182	9	21	49	211	26	89	
Percentage distribution.....	Percent	100.0	2.8	0.1	0.3	0.7	3.2	0.4	1.4	
Amount expended.....	Dollar	68,294,921	2,386,624	106,381	743,753	1,437,205	10,356,108	473,981	1,838,023	
Average per establishment reporting.....	do	10,422	13,113	11,820	35,322	29,331	49,081	18,230	20,652	
Average per person.....	do	2,102	2,133	2,128	2,523	2,632	2,504	1,350	1,713	
Percentage distribution.....	Percent	100.0	3.5	0.2	1.1	2.1	15.2	0.7	2.7	
<b>Part-time or seasonal employees</b>										
Establishments reporting.....	Number	8,193	155	8	19	28	136	23	91	
Percentage distribution.....	Percent	100.0	1.9	0.1	0.2	0.3	1.7	0.3	1.1	
Amount expended.....	Dollar	16,122,918	478,819	32,988	92,140	95,376	819,021	110,002	1,606,468	
Average per establishment reporting.....	do	1,968	3,089	4,124	4,849	3,406	6,022	4,783	17,653	
Percentage distribution.....	Percent	100.0	3.0	0.2	0.6	0.6	5.1	0.7	10.0	
<b>Manure and fertilizer</b>										
Establishments reporting.....	Number	12,062	186	8	21	32	212	27	95	
Percentage distribution.....	Percent	100.0	1.5	0.1	0.2	0.3	1.8	0.2	0.8	
Amount expended.....	Dollar	6,800,819	136,519	7,034	24,667	54,017	498,652	117,432	532,883	
Average per establishment reporting.....	do	564	734	879	1,175	1,688	2,352	4,349	5,609	
Percentage of value of all crops.....	Percent	3.1	1.5	1.6	1.1	1.0	1.7	1.7	4.9	
Percentage distribution.....	do	100.0	2.0	0.1	0.4	0.8	7.3	1.7	7.9	

Continued—



Table 16.—Floriculture: Specified expenditures by specialization for selected crops, United States, 1949 - Continued

Item	Unit	Greenhouse						Total	Carnations	Chrysanthemums	Gardenias	Orchids	Roses	Asparagus plumosus	Outdoor gladiolus
		Number	Percent	Dollar	do	Percent	do								
<b>Insecticides and fungicides</b>															
Establishments reporting.....	Number	11,769		184	8	20	44	206	26					99	
Percentage distribution.....	Percent	100.0		1.6	0.1	0.2	0.4	1.8	0.2					0.8	
Amount expended.....	Dollar	2,141,739		67,686	3,350	11,788	25,489	245,599	31,871					182,019	
Average per establishment reporting.....	do	182		368	419	589	579	1,192	1,226					1,957	
Percentage of value of all crops.....	Percent	100.0		1.0	0.7	0.5	0.5	0.8	2.0					1.7	
Percentage distribution.....	do	100.0		3.2	0.2	0.6	1.2	11.5	1.5					8.5	
<b>Seeds, plants and bulbs for planting</b>															
Establishments reporting.....	Number	11,348		176	8	14	28	191	8					75	
Percentage distribution.....	Percent	100.0		1.6	0.1	0.1	0.2	1.7	0.1					0.7	
Amount expended.....	Dollar	17,280,428		250,701	19,441	30,286	155,373	1,091,672	4,107					1,069,106	
Average per establishment reporting.....	do	1,523		1,424	2,430	2,163	5,549	5,716	513					14,255	
Percentage of value of all crops.....	Percent	7.9		2.8	4.3	1.4	3.0	3.7	0.3					9.9	
Percentage distribution.....	do	100.0		1.5	0.1	0.2	0.9	6.3	1/					6.2	
<b>Fuel</b>															
Amount expended.....	Dollar	16,507,208		687,207	40,900	119,883	230,905	2,806,185						8,774	
Cost per square foot of greenhouse area.....	do	0.09		0.08	0.09	0.08	0.10	0.11						0.08	
<b>Coal</b>															
Establishments reporting.....	Number	7,285		141	7	11	25	158						4	
Percentage distribution.....	Percent	100.0		1.9	0.1	0.2	0.3	2.2						0.1	
Tons.....	Number	1,390,277		49,681	3,555	4,696	11,552	261,373						1,065	
Amount expended.....	Dollar	12,311,067		461,309	29,903	42,848	107,151	2,091,161						4,810	
Average per establishment reporting.....	do	1,690		3,272	4,272	3,895	4,286	13,235						1,202	
Average per ton.....	do	8.86		9.29	8.41	9.12	9.28	8.00						4.52	
Percentage distribution.....	Percent	100.0		3.7	0.2	0.3	0.9	17.0						1/	
<b>Fuel oil</b>															
Establishments reporting.....	Number	2,188		54	3	10	25	65						2	
Percentage distribution.....	Percent	100.0		2.5	0.1	0.5	1.1	3.0						0.1	
Gallons.....	Number	41,706,177		2,816,970	129,369	670,223	1,301,397	8,599,116	1,277					21,000	
Amount expended.....	Dollar	3,288,343		201,614	10,997	48,477	99,028	542,660	336					2,580	
Average per establishment reporting.....	do	1,503		3,734	3,666	4,848	3,961	8,349	336					1,290	
Average per gallon.....	do	0.08		0.07	0.09	0.07	0.08	0.06	0.26					0.12	
Percentage distribution.....	Percent	100.0		6.1	0.3	1.5	3.0	16.5	1/					0.1	
<b>Gas for heating</b>															
Establishments reporting.....	Number	959		14		4	8	31						1	
Percentage distribution.....	Percent	100.0		1.5		0.4	0.8	3.2						0.1	
Amount expended.....	Dollar	907,798		24,284		28,558	24,726	172,364						1,384	
Average per establishment reporting.....	do	947		1,735		7,140	3,091	5,560						1,384	
Percentage distribution.....	Percent	100.0		2.7		3.1	2.7	19.0						0.2	
<b>Advertising</b>															
Establishments reporting.....	Number	8,991		158	8	19	44	178	12					66	
Percentage distribution.....	Percent	100.0		1.8	0.1	0.2	0.5	2.0	0.1					0.7	
Amount expended.....	Dollar	3,126,436		76,951	2,091	14,369	69,101	216,375	10,985					55,926	
Average per establishment reporting.....	do	348		487	261	756	1,570	1,216	915					847	
Percentage of total sales.....	Percent	1.0		0.8	0.5	0.7	1.2	0.7	0.7					0.5	
Percentage distribution.....	do	100.0		2.5	0.1	0.5	2.2	6.9	0.4					1.8	

1/ Less than 0.05 percent.

Table 17.—Floriculture: Structures and equipment, April 1, 1950, by specialization for selected crops in 1949, United States

Item	Greenhouse										Total	Unit	Value	Carnations	Chrysanthemums	Gardenias	Orchids	Roses	Sparagus plumosus	Outdoor gladiolus		
	Number	Percent	Dollar	do	Percent	Number	Percent	Dollar	do	Percent											Number	Percent
Value of land, structures and equipment																						
Establishments reporting	187		12,427			9		21		49		212		27								
Percentage distribution	1.5		100.0			0.1		0.2		0.4		1.7		0.2								
Value	11,441,896		339,235,021			532,000		2,352,749		5,352,653		32,076,200		1,602,500								
Average per establishment reporting	61,187		27,298			59,111		112,036		109,238		151,303		59,332								
Percentage distribution	3.4		100.0			0.2		0.7		1.6		9.5		0.5								
Greenhouse area																						
Establishments reporting	187		9,875			9		21		49		212		5								
Percentage distribution	1.9		100.0			0.1		0.2		0.5		2.1		0.1								
Area	8,726,159		187,324,139			459,500		1,498,727		2,357,242		26,490,602		108,500								
Average per establishment reporting	46,664		18,970			51,056		71,368		48,107		124,956		21,700								
Crop value per square foot	1.01		0.93			0.95		1.34		2.20		1.11		0.48								
Percentage distribution	4.7		100.0			0.2		0.8		1.3		14.1		0.1								
Used primarily for florist's crops																						
Establishments reporting	187		9,396			9		21		49		212		5								
Percentage distribution	2.0		100.0			0.1		0.2		0.5		2.3		0.1								
Area	8,708,879		159,917,237			419,500		1,498,727		2,357,242		26,490,602		98,500								
Crop value per square foot	1.01		1.01			1.02		1.34		2.20		1.11		0.48								
Percentage distribution	5.4		100.0			0.3		0.9		1.5		16.6		0.1								
Used primarily for vegetable crops																						
Establishments reporting	3		768			1		—		—		—		—								
Percentage distribution	0.4		100.0			0.1		—		—		—		—								
Area	17,280		27,406,902			40,000		—		—		—		10,000								
Crop value per square foot	0.57		0.48			0.25		—		—		—		0.48								
Percentage distribution	0.1		100.0			0.1		—		—		—		—								
Greenhouse bench or bed area																						
With gravel culture in 1949																						
Establishments reporting	5		191			—		2		5		7		—								
Percentage distribution	2.6		100.0			—		1.0		2.6		3.7		—								
Area	8,368		605,220			—		2,020		11,940		128,816		8,000								
Percentage distribution	1.4		100.0			—		0.3		2.0		21.3		1.3								
With automatic watering or subirrigation in 1949																						
Establishments reporting	23		458			2		3		3		44		—								
Percentage distribution	5.0		100.0			0.4		0.7		0.7		9.6		—								
Area	253,749		6,982,802			23,640		26,300		8,440		1,125,980		800								
Percentage distribution	3.6		100.0			0.3		0.4		0.1		16.1		—								
With black cloth treatment in 1949																						
Establishments reporting	17		1,129			5		2		3		26		—								
Percentage distribution	1.5		100.0			0.4		0.2		0.3		2.3		—								
Area	97,885		3,604,365			137,000		27,840		6,000		165,878		1,800								
Percentage distribution	2.7		100.0			3.8		0.8		0.2		4.6		—								

1/ Less than 0.05 percent.

Continued

Table 17.—Floriculture: Structures and equipment, April 1, 1950, by specialization for selected crops in 1949, United States - Continued

Item	Greenhouse										Outdoor
	Unit	Total	Carnations	Chrysanthemums	Gardenias	Orchids	Rosea	Asparagus plumosus	gladiolus		
<b>With artificial lighting in 1949</b>											
Establishments reporting.....	Number	668	5	5	2	13	13	13	1	13	1
Area.....	Sq. ft.	2,158,724	14,260	211,800	5,920	24,160	221,852	7,000	0.1	7,000	0.1
Percentage distribution.....	Percent	100.0	0.7	9.8	0.3	1.1	10.3	0.3	—	0.3	—
<b>With soil sterilization in 1949</b>											
Establishments reporting.....	Number	2,549	118	5	13	1	132	2	—	132	2
Area.....	Sq. ft.	42,814,422	3,014,864	201,600	503,452	10,000	4,688,124	59,000	0.1	59,000	0.1
Percentage distribution.....	Percent	100.0	7.0	0.5	1.2	1/10	10.9	0.1	—	0.1	—
<b>Frame area</b>											
Establishments reporting.....	Number	3,116	18	2	1	2	23	3	—	23	3
Area.....	Sq. ft.	10,997,716	172,023	4,200	1,200	2,400	274,690	48,000	0.1	48,000	0.1
Percentage distribution.....	Percent	100.0	1.6	1/100	1/100	1/100	2.5	0.4	—	0.4	—
<b>Cloth-house area</b>											
Establishments reporting.....	Number	1,117	34	1	1	1	15	3	—	15	3
Area.....	Sq. ft.	17,218,835	441,700	30,000	7,623	2,500	210,000	94,100	0.3	94,100	0.3
Percentage distribution.....	Percent	100.0	2.6	0.2	1/100	1/100	1.2	0.5	—	0.5	—
<b>With black cloth treatment in 1949</b>											
Establishments reporting.....	Number	336	14	1	1	1	3	—	—	3	—
Area.....	Sq. ft.	3,517,584	141,700	20,000	7,623	2,000	29,400	—	—	29,400	—
Percentage distribution.....	Percent	100.0	4.0	0.6	0.2	0.1	0.8	—	—	0.8	—
<b>Lath-house area</b>											
Establishments reporting.....	Number	917	2	1	2	7	9	25	—	9	25
Area.....	Sq. ft.	50,887,990	24,250	2,500	43,280	38,050	156,350	17,729,800	—	17,729,800	—
Percentage distribution.....	Percent	100.0	1/100	1/100	0.1	0.1	0.3	34.8	—	0.3	—
<b>Storage-house floor area</b>											
Establishments reporting.....	Number	2,816	59	3	7	13	88	8	—	88	8
Area.....	Sq. ft.	5,365,634	147,056	5,600	25,954	66,200	427,326	45,650	—	45,650	—
Percentage distribution.....	Percent	100.0	2.7	0.1	0.5	1.2	8.0	0.9	—	0.9	—
<b>Refrigerated storage</b>											
Establishments reporting.....	Number	1,967	33	2	12	13	132	2	—	132	2
Capacity.....	Cu. ft.	3,255,482	50,574	4,400	30,986	16,066	449,200	1,540	—	449,200	—
Percentage distribution.....	Percent	100.0	1.6	0.1	1.0	0.5	13.8	1/100	—	13.8	—

1/ Less than 0.05 percent.

Table 18.--Floriculture: Crops sold by specialization for selected crops, United States, 1949

Item	Greenhouse										Outdoor	
	Unit	Total	Carnations	Chrysan- themums	Gardenias	Orchids	Roses	Asparagus	plumosus	gladiolus		
Crops sold												
Total												
Value at wholesale prices.....	Dollar	218,521,723	9,047,457	448,792	2,164,662	5,186,385	29,429,284	1,604,837	10,830,885			
Percentage distribution.....	Percent	100.0	4.1	0.2	1.0	2.4	13.5	0.7	5.0			
Plants, cuttings, etc. sold for growing on												
Total												
Value at wholesale prices.....	Dollar	30,591,286	157,482	50,834	41,644	291,984	354,008	576	4,689			
Percentage of value of all crops.....	Percent	14.0	1.7	11.3	1.9	5.6	1.2	1/1	1/1			
Percentage distribution.....	do	100.0	0.5	0.2	0.1	1.0	1.2	1/1	1/1			
Azaleas												
Establishments reporting.....	Number	92	-	-	-	-	-	-	-	1		
Percentage distribution.....	Percent	100.0	-	-	-	-	-	-	-	1.1		
Plants.....	Number	7,516,000	-	-	-	-	-	-	-	2,000		
Value.....	Dollar	1,113,107	-	-	-	-	-	-	-	900		
Average per plant.....	do	0.15	-	-	-	-	-	-	-	0.45		
Percentage of value of all crops.....	Percent	0.5	-	-	-	-	-	-	-	1/1		
Average per establishment reporting....	Dollar	12,099	-	-	-	-	-	-	-	900		
Percentage distribution.....	Percent	100.0	-	-	-	-	-	-	-	0.1		
Carnations												
Establishments reporting.....	Number	275	34	-	1	-	-	11	-	-		
Percentage distribution.....	Percent	100.0	12.4	-	0.4	-	-	4.0	-	-		
Plants.....	Number	4,524,000	1,114,000	-	4,000	-	-	130,000	-	-		
Value.....	Dollar	435,111	123,690	-	621	-	-	14,783	-	-		
Average per plant.....	do	0.10	0.10	-	0.16	-	-	0.11	-	-		
Percentage of value of all crops.....	Percent	0.2	1.4	-	1/1	-	-	0.1	-	-		
Average per establishment reporting....	Dollar	1,582	3,638	-	621	-	-	1,344	-	-		
Percentage distribution.....	Percent	100.0	28.4	-	0.1	-	-	3.4	-	-		
Chrysanthemums												
Establishments reporting.....	Number	351	9	2	-	-	-	4	-	1		
Percentage distribution.....	Percent	100.0	2.6	0.6	-	-	-	1.1	-	0.3		
Plants.....	Number	38,044,000	86,000	27,000	-	-	-	450,000	-	40,000		
Value.....	Dollar	1,437,673	4,344	1,086	-	-	-	24,553	-	2,549		
Average per plant.....	do	0.4	0.05	0.04	-	-	-	0.05	-	0.06		
Percentage of value of all crops.....	Percent	0.7	1/1	0.2	-	-	-	0.1	-	1/1		
Average per establishment reporting....	Dollar	4,096	483	543	-	-	-	5,388	-	2,549		
Percentage distribution.....	Percent	100.0	0.3	0.1	-	-	-	1.5	-	0.2		
Foliage or green plants												
Establishments reporting.....	Number	612	-	-	-	-	-	2	-	-		
Percentage distribution.....	Percent	100.0	-	-	-	-	-	0.3	-	-		
Plants.....	Number	35,034,000	-	-	-	-	-	103,000	-	-		
Value.....	Dollar	3,315,505	-	-	-	-	-	10,240	-	-		
Average per plant.....	do	0.09	-	-	-	-	-	0.10	-	-		
Percentage of value of all crops.....	Percent	1.5	-	-	-	-	-	1/1	-	-		
Average per establishment reporting....	Dollar	5,417	-	-	-	-	-	5,120	-	-		
Percentage distribution.....	Percent	100.0	-	-	-	-	-	0.3	-	-		

1/ Less than 0.05 percent.

Continued-

Table 18.--Floriculture: Crops sold by specialization for selected crops, United States, 1949 - continued

Item	Greenhouse										Outdoor
	Unit	Total	Carnations	Chrysan- themums	Gardenias	Orchids	Roses	Asparagus plumoseus	Gladiolus		
<b>Geraniums</b>											
Establishments reporting.....	:Number:	4,398	10	2	-	-	1	-	-	7	-
Percentage distribution.....	:Percent:	100.0	0.2	1/	-	-	1/	-	-	0.2	-
Plants.....	:Number:	25,668,000	37,000	59,000	-	-	6,000	-	-	39,000	-
Value.....	:Dollar:	5,151,518	8,040	17,700	-	-	2,400	-	-	12,215	-
Average per plant.....	:do:	0.20	0.22	0.30	-	-	0.40	-	-	0.31	-
Percentage of value of all crops.....	:Percent:	2.4	0.1	3.9	-	-	1/	-	-	1/	-
Average per establishment reporting...	:Dollar:	1,172	804	8,850	-	-	2,100	-	-	1,745	-
Percentage distribution.....	:Percent:	100.0	0.2	0.3	-	-	1/	-	-	0.2	-
<b>Hydrangeas</b>											
Establishments reporting.....	:Number:	78	-	-	-	-	-	-	-	1	-
Percentage distribution.....	:Percent:	100.0	-	-	-	-	-	-	-	1.3	-
Plants.....	:Number:	1,395,000	-	-	-	-	-	-	-	2,000	-
Value.....	:Dollar:	369,857	-	-	-	-	-	-	-	576	-
Average per plant.....	:do:	0.27	-	-	-	-	-	-	-	0.29	-
Percentage of value of all crops.....	:Percent:	0.2	-	-	-	-	-	-	-	1/	-
Average per establishment reporting...	:Dollar:	4,742	-	-	-	-	-	-	-	30	-
Percentage distribution.....	:Percent:	100.0	-	-	-	-	-	-	-	1/	-
<b>Poinsettias</b>											
Establishments reporting.....	:Number:	120	-	-	1	-	-	-	-	3	-
Percentage distribution.....	:Percent:	100.0	-	-	0.8	-	-	-	-	2.5	-
Plants.....	:Number:	1,212,000	-	-	1,000	-	-	-	-	42,000	-
Value.....	:Dollar:	163,329	-	-	145	-	-	-	-	6,200	-
Average per plant.....	:do:	0.13	-	-	0.15	-	-	-	-	0.15	-
Percentage of value of all crops.....	:Percent:	0.1	-	-	1/	-	-	-	-	1/	-
Average per establishment reporting...	:Dollar:	1,361	-	-	145	-	-	-	-	2,067	-
Percentage distribution.....	:Percent:	100.0	-	-	0.1	-	-	-	-	3.8	-
<b>Roses</b>											
Establishments reporting.....	:Number:	44	-	-	-	-	-	-	-	12	-
Percentage distribution.....	:Percent:	100.0	-	-	-	-	-	-	-	27.3	-
Plants.....	:Number:	1,107,000	-	-	-	-	-	-	-	898,000	-
Value.....	:Dollar:	283,752	-	-	-	-	-	-	-	241,744	-
Average per plant.....	:do:	0.26	-	-	-	-	-	-	-	0.27	-
Percentage of value of all crops.....	:Percent:	0.1	-	-	-	-	-	-	-	0.8	-
Average per establishment reporting...	:Dollar:	6,449	-	-	-	-	-	-	-	20,145	-
Percentage distribution.....	:Percent:	100.0	-	-	-	-	-	-	-	85.2	-
<b>Bedding and vegetable plants</b>											
Establishments reporting.....	:Number:	5,938	9	3	-	-	1	-	-	9	-
Percentage distribution.....	:Percent:	100.0	0.2	0.1	-	-	1/	-	-	0.2	-
Plants.....	:Number:	16,924,553	21,033	32,048	-	-	750	-	-	22,561	-
Value.....	:Dollar:	7.7	0.2	7.1	-	-	1/	-	-	0.1	-
Average per establishment reporting...	:Dollar:	2,850	2,337	10,683	-	-	750	-	-	2,507	-
Percentage distribution.....	:Percent:	100.0	0.1	0.2	-	-	1/	-	-	0.1	-
<b>All other stock for growing on</b>											
Establishments reporting.....	:Number:	237	1	-	2	-	12	-	-	2	-
Percentage distribution.....	:Percent:	100.0	0.4	-	0.8	-	5.1	-	-	0.8	-
Plants.....	:Number:	1,393,781	375	-	40,878	-	288,034	-	-	24,682	-
Value.....	:Dollar:	0.6	1/	-	5.6	-	0.1	-	-	0.1	-
Average per establishment reporting...	:Dollar:	5,881	375	-	20,139	-	24,003	-	-	12,311	-
Percentage distribution.....	:Percent:	100.0	1/	-	2.9	-	20.7	-	-	1.8	-

1/ Less than 0.05 percent.  
2/ Less than 1,000 plants.

Table 18.--Floriculture: Crops sold by specialization for selected crops, United States, 1949 - continued

Item	Greenhouse										Outdoor : gladiolus	
	: Unit	: Total	: Carnations	: Chrysan- : themums	: Gardenias	: Orchids	: Roses	: Asparagus : plumosus	: : : : : :	: : : : : :		
<b>Cut flowers grown under glass, sold</b>												
Total		93,478,944	8,594,910	374,358	1,940,284	4,779,751	28,373,004					35,411
Value at wholesale prices.....	:Dollar	12.8	95.0	83.4	89.6	92.2	95.4					0.3
Percentage of value of all crops.....	:do	100.0	9.2	0.4	2.1	5.1	30.4					1/
Percentage distribution.....	:do											
<b>Carnations</b>												
Establishments reporting.....	:Number	3,535	187	4	3	1	64					2
Percentage distribution.....	:Percent	100.0	5.3	0.1	0.1	1/	1.8					0.1
Flowers.....	:Number	250,809,000	91,365,000	591,000	700,000	34,000	16,877,000					132,000
Value.....	:Dollar	19,908,968	7,499,900	24,625	58,008	3,360	1,324,756					9,480
Average per flower.....	:do	0.08	0.08	0.04	0.08	0.10	0.08					0.07
Percentage of value of all crops.....	:Percent	9.1	82.9	5.5	2.7	0.1	4.5					0.1
Average per establishment reporting....	:Dollar	5,632	40,106	6,156	19,336	3,360	20,699					4,740
Percentage distribution.....	:Percent	100.0	37.7	0.1	0.3	1/	6.7					1/
<b>Chrysanthemums (standard)</b>												
Establishments reporting.....	:Number	4,471	50	8	1		43					3
Percentage distribution.....	:Percent	100.0	1.1	0.2	1/		1.0					0.1
Flowers.....	:Number	29,285,000	584,000	477,000	3,700		646,000					24,000
Value.....	:Dollar	5,878,749	126,707	121,429	705		155,253					5,587
Average per flower.....	:do	0.20	0.22	0.25	0.24		0.24					0.23
Percentage of value of all crops.....	:Percent	2.7	1.4	27.1	1/		0.5					0.1
Average per establishment reporting....	:Dollar	1,315	2,534	15,179	705		3,611					1,862
Percentage distribution.....	:Percent	100.0	2.2	2.1	1/		2.6					0.1
<b>Chrysanthemums (pompon)</b>												
Establishments reporting.....	:Number	5,021	83	8	1	2	50					3
Percentage distribution.....	:Percent	100.0	1.7	0.2	1/	1/	1.0					0.1
Bunches.....	:Number	9,295,000	326,000	185,000	2,000	9,000	257,000					6,000
Value.....	:Dollar	7,897,649	270,098	191,848	1,851	7,000	202,742					4,912
Average per bunch.....	:do	0.85	0.83	1.04	0.93	0.78	0.79					0.82
Percentage of value of all crops.....	:Percent	3.6	3.0	42.7	0.1	0.1	0.7					1/
Average per establishment reporting....	:Dollar	1,573	3,254	23,981	1,851	3,500	4,055					1,637
Percentage distribution.....	:Percent	100.0	3.4	2.4	1/	0.1	2.6					0.1
<b>Gardenias</b>												
Establishments reporting.....	:Number	143	1	1	21	2	28					1
Percentage distribution.....	:Percent	100.0	0.7	0.7	14.7	1.4	19.6					0.7
Flowers.....	:Number	26,604,000	50,000	10,424,000	2,000	245,000	7,497,000					1,000
Value.....	:Dollar	4,018,150	5,000	1,602,483	50,201	50,201	1,141,704					200
Average per flower.....	:do	0.15	0.10	0.20	0.15	0.20	0.15					0.20
Percentage of value of all crops.....	:Percent	1.8	0.1	0.4	0.74	1.0	3.9					1/
Average per establishment reporting....	:Dollar	28,099	5,000	2,000	76,309	25,101	40,775					200
Percentage distribution.....	:Percent	100.0	0.1	1/	39.9	1.2	28.4					1/
<b>Lilies</b>												
Establishments reporting.....	:Number	1,464	7	1	1	1	23					
Percentage distribution.....	:Percent	100.0	0.5	0.1	0.1	0.1	1.6					
Flowers.....	:Number	7,251,000	116,000	10,000	3,000	20,000	206,000					

1/ Less than 0.05 percent.

Continued-

Table 18.--Floriculture: Crops sold by specialization for selected crops, United States, 1949 - continued

Item	Greenhouse										Outdoor
	Unit	Total	Carnations	Chrysan- themums	Gardenias	Orchids	Roses	Asparagus	plumosus	gladiolus	
Value.....	:Dollar	1,364,030	21,413	2,000	654	4,000	46,101	-	-	-	
Average per flower.....	:do	0.19	0.18	0.20	0.22	0.20	0.22	-	-	-	
Percentage of value of all crops.....	:Percent	0.6	0.2	0.4	1/	0.1	0.2	-	-	-	
Average per establishment reporting...	:Dollar	932	3,059	2,000	854	4,000	2,004	-	-	-	
Percentage distribution.....	:Percent	100.0	1.6	0.1	1/	0.3	3.4	-	-	-	
Bulb crops (other than Lily)											
Establishments reporting.....	:Number	2,251	36	3	2	1	30	-	-	1	
Percentage distribution.....	:Percent	100.0	1.6	0.1	0.1	1/	1.3	-	-	1/	
Flowers.....	:Number	44,546,000	1,323,000	144,000	153,000	20,000	1,147,000	-	-	2,000	
Value.....	:Dollar	4,201,040	125,323	10,950	15,251	2,000	118,221	-	-	200	
Average per flower.....	:do	0.09	0.09	0.08	0.10	0.10	0.10	-	-	0.10	
Percentage of value of all crops.....	:Percent	1.9	1.4	2.4	0.7	1/	0.4	-	-	1/	
Average per establishment reporting...	:Dollar	1,866	3,481	3,650	7,626	2,000	3,941	-	-	200	
Percentage distribution.....	:Percent	100.0	3.0	0.3	0.4	1/	2.8	-	-	1/	
Orchids (Cattleya)											
Establishments reporting.....	:Number	297	1	-	2	46	12	-	-	-	
Percentage distribution.....	:Percent	100.0	0.3	-	0.7	15.5	4.0	-	-	-	
Flowers.....	:Number	5,589,000	3,000	-	166,000	3,346,000	324,000	-	-	-	
Value.....	:Dollar	7,169,354	3,000	-	219,008	4,205,659	508,025	-	-	-	
Average per flower.....	:do	1.28	1.00	-	1.32	1.26	1.57	-	-	-	
Percentage of value of all crops.....	:Percent	3.3	1/	-	10.1	81.1	1.7	-	-	-	
Average per establishment reporting...	:Dollar	24,139	3,000	-	109,504	91,427	42,335	-	-	-	
Percentage distribution.....	:Percent	100.0	1/	-	3.1	58.7	7.1	-	-	-	
Orchids (other than Cattleya)											
Establishments reporting.....	:Number	178	2	-	1	30	7	-	-	-	
Percentage distribution.....	:Percent	100.0	1.1	-	0.6	16.9	3.9	-	-	-	
Flowers.....	:Number	1,161,000	2/	-	39,000	443,000	76,000	-	-	-	
Value.....	:Dollar	969,918	183	-	18,815	437,947	79,255	-	-	-	
Average per flower.....	:do	0.83	-	-	0.48	0.99	1.04	-	-	-	
Percentage of value of all crops.....	:Percent	0.4	1/	-	0.9	8.4	0.3	-	-	-	
Average per establishment reporting...	:Dollar	5,449	242	-	18,815	14,598	11,322	-	-	-	
Percentage distribution.....	:Percent	100.0	1/	-	1.9	45.2	8.2	-	-	-	
Roses											
Establishments reporting.....	:Number	595	8	-	1	-	212	-	-	1	
Percentage distribution.....	:Percent	100.0	1.3	-	0.2	-	35.6	-	-	0.2	
Flowers.....	:Number	389,799,000	2,709,000	-	150,000	-	312,778,000	-	-	100,000	
Value.....	:Dollar	30,582,022	258,235	-	10,000	-	24,138,311	-	-	10,000	
Average per flower.....	:do	0.08	0.10	-	0.07	-	0.08	-	-	0.10	
Percentage of value of all crops.....	:Percent	14.0	2.9	-	0.5	-	82.0	-	-	0.1	
Average per establishment reporting...	:Dollar	51,398	32,279	-	10,000	-	113,860	-	-	10,000	
Percentage distribution.....	:Percent	100.0	0.8	-	1/	-	78.9	-	-	1/	
All other cut flowers grown under glass											
Establishments reporting.....	:Number	4,176	63	5	3	5	54	-	-	2	
Percentage distribution.....	:Percent	100.0	1.5	0.1	0.1	0.1	1.3	-	-	1/	
Value.....	:Dollar	11,489,064	284,751	21,506	13,509	69,584	658,536	-	-	5,032	
Percentage of value of all crops.....	:Percent	5.3	3.1	4.8	0.6	1.3	2.2	-	-	1/	
Average per establishment reporting...	:Dollar	2,751	4,520	4,301	4,503	13,197	12,197	-	-	2,546	
Percentage distribution.....	:Percent	100.0	2.5	0.2	0.1	0.6	5.7	-	-	1/	

1/ Less than 0.05 percent.  
2/ Less than 1,000 flowers.

Continued-

Table 18.--Floriculture: Crops sold by specialization for selected crops, United States, 1949 - continued

Item	Greenhouse							Outdoor		
	Unit	Total	Carnations	Chrysan- themums	Cardenias	Orchids	Roses		Asparagus plumosus	gladiolus
<b>Potted plants grown under glass, sold</b>										
Total										
Value at wholesale prices.....	Dollar	36,743,696	48,365	1,600	30,532	113,950	552,610	-	7,160	
Percentage of value of all crops.....	Percent	16.8	0.5	0.4	1.4	2.2	1.9	-	0.1	
Percentage distribution.....	do	100.0	0.1	1/	0.1	0.3	1.5	-	1/	
<b>African violets</b>										
Establishments reporting.....	Number	992	-	-	-	2	5	-	1	
Percentage distribution.....	Percent	100.0	-	-	-	0.2	0.5	-	0.1	
Plants.....	Number	2,671,000	-	-	-	1,000	29,000	-	2/	
Value.....	Dollar	1,116,897	-	-	-	1,200	15,850	-	60	
Average per plant.....	do	0.42	-	-	-	1.20	0.55	-	-	
Percentage of value of all crops.....	Percent	0.5	-	-	-	1/	0.1	-	1/	
Average per establishment reporting...	Dollar	1,126	-	-	-	600	3,170	-	60	
Percentage distribution.....	Percent	100.0	-	-	-	0.1	1.4	-	1/	
<b>Azaleas</b>										
Establishments reporting.....	Number	1,928	1	2	2	16	-	-	-	
Percentage distribution.....	Percent	100.0	0.1	0.1	0.1	0.8	-	-	-	
Plants.....	Number	3,407,000	2/	16,000	3,000	22,000	-	-	-	
Value.....	Dollar	4,315,222	50	11,585	6,350	31,945	-	-	-	
Average per plant.....	do	1.27	-	0.72	2.12	1.45	-	-	-	
Percentage of value of all crops.....	Percent	2.0	1/	0.5	0.1	0.1	-	-	-	
Average per establishment reporting...	Dollar	2,238	50	5,793	3,175	1,997	-	-	-	
Percentage distribution.....	Percent	100.0	1/	0.3	0.1	0.7	-	-	-	
<b>Beronias</b>										
Establishments reporting.....	Number	2,476	3	1	-	12	-	-	-	
Percentage distribution.....	Percent	100.0	0.1	1/	-	0.5	-	-	-	
Plants.....	Number	3,156,000	1,000	10,000	-	4,000	-	-	-	
Value.....	Dollar	1,182,318	550	1,600	-	3,000	-	-	-	
Average per plant.....	do	0.34	0.55	0.16	-	0.75	-	-	-	
Percentage of value of all crops.....	Percent	0.5	1/	0.4	-	0.1	-	-	-	
Average per establishment reporting...	Dollar	478	183	1,600	-	3,000	-	-	-	
Percentage distribution.....	Percent	100.0	1/	0.1	-	0.3	-	-	-	
<b>Foliage or green plants</b>										
Establishments reporting.....	Number	2,507	3	1	1	11	-	-	-	
Percentage distribution.....	Percent	100.0	0.1	1/	1/	0.4	-	-	-	
Plants.....	Number	37,811,000	6,000	41,000	2/	358,000	-	-	-	
Value.....	Dollar	9,842,266	2,100	11,800	100	151,900	-	-	-	
Average per plant.....	do	0.25	0.35	0.29	-	0.42	-	-	-	
Percentage of value of all crops.....	Percent	4.5	1/	0.5	-	0.5	-	-	-	
Average per establishment reporting...	Dollar	3,926	700	11,800	100	13,809	-	-	-	
Percentage distribution.....	Percent	100.0	0.2	0.1	1/	1.5	-	-	-	
<b>Hydrangeas</b>										
Establishments reporting.....	Number	2,111	6	1	2	18	-	-	-	
Percentage distribution.....	Percent	100.0	0.3	1/	0.1	0.9	-	-	-	
Plants.....	Number	3,382,000	9,000	1,000	4,000	76,000	-	-	-	

Continued-

1/ Less than 0.05 percent.  
2/ Less than 1,000 plants.



Table 18.--Floriculture: Crops sold by specialization for selected crops, United States, 1949 - continued

Item	Unit	Total	Greenhouse					Orchids	Roses	Asparagus plumosus	Outdoor gladiolus
			Carnations	Chrysanthemums	Geraniums	Orchids	Roses				
Value.....	:Dollar	4,197,117	13,013	-	1,502	6,150	95,598	-	-	-	
Average per plant.....	:do	1.26	1.15	-	1.50	1.26	-	-	-	-	
Percentage of value of all crops.....	:Percent	1.9	0.1	0.1	0.1	0.3	-	-	-	-	
Average per establishment reporting.....	:Dollar	1,988	2,174	-	1,502	3,075	5,311	-	-	-	
Percentage distribution.....	:Percent	100.0	0.3	1/	0.1	2.3	-	-	-	-	
Lilies											
Establishments reporting.....	:Number	2,800	7	-	1	20	-	-	-	1	
Percentage distribution.....	:Percent	100.0	0.3	-	1/	0.7	-	-	-	1/	
Plants.....	:Number	2,831,000	8,000	-	1,000	49,000	-	-	-	4,000	
Value.....	:Dollar	3,555,517	10,400	-	1,596	64,094	-	-	-	4,000	
Average per plant.....	:do	1.26	1.30	-	1.60	1.31	-	-	-	1.00	
Percentage of value of all crops.....	:Percent	1.6	0.1	0.1	1/	0.2	-	-	-	1/	
Average per establishment reporting.....	:Dollar	1,270	1,486	-	1,596	3,205	-	-	-	4,000	
Percentage distribution.....	:Percent	100.0	0.3	1/	1/	1.8	-	-	-	0.1	
Bulb crops (other than Lily)											
Establishments reporting.....	:Number	2,508	4	-	1	12	-	-	-	1	
Percentage distribution.....	:Percent	100.0	0.2	-	1/	0.5	-	-	-	1/	
Plants.....	:Number	3,347,000	5,000	-	1,000	17,000	-	-	-	1,000	
Value.....	:Dollar	3,293,236	4,350	-	1,769	1,100	-	-	-	600	
Average per plant.....	:do	0.98	0.87	-	1.77	0.98	-	-	-	0.60	
Percentage of value of all crops.....	:Percent	1.5	1/	0.1	1/	0.1	-	-	-	1/	
Average per establishment reporting.....	:Dollar	1,313	1,088	-	1,769	1,970	-	-	-	600	
Percentage distribution.....	:Percent	100.0	0.1	0.1	1/	0.7	-	-	-	1/	
Polinettias											
Establishments reporting.....	:Number	2,356	6	-	1	18	-	-	-	1	
Percentage distribution.....	:Percent	100.0	0.3	-	1/	0.8	-	-	-	1/	
Plants.....	:Number	3,708,000	11,000	-	1,000	54,000	-	-	-	2,000	
Value.....	:Dollar	4,715,209	13,763	-	2,280	76,694	-	-	-	2,500	
Average per plant.....	:do	1.27	1.25	-	2.28	1.42	-	-	-	1.25	
Percentage of value of all crops.....	:Percent	2.2	0.2	0.1	0.3	0.3	-	-	-	1/	
Average per establishment reporting.....	:Dollar	2,001	2,294	-	2,280	4,261	-	-	-	2,000	
Percentage distribution.....	:Percent	100.0	0.3	1/	0.3	1.6	-	-	-	0.1	
Roses											
Establishments reporting.....	:Number	574	2	-	-	11	-	-	-	-	
Percentage distribution.....	:Percent	100.0	0.3	-	-	1.9	-	-	-	-	
Plants.....	:Number	571,000	2/	-	-	14,000	-	-	-	-	
Value.....	:Dollar	713,617	892	-	-	21,294	-	-	-	-	
Average per plant.....	:do	1.26	1/	-	-	1.52	-	-	-	-	
Percentage of value of all crops.....	:Percent	0.3	1/	-	-	0.1	-	-	-	-	
Average per establishment reporting.....	:Dollar	1,243	446	-	-	1,936	-	-	-	-	
Percentage distribution.....	:Percent	100.0	0.1	-	-	3.0	-	-	-	-	
All other potted plants grown under glass											
Establishments reporting.....	:Number	1,300	3	-	-	7	-	-	-	-	
Percentage distribution.....	:Percent	100.0	0.2	-	-	0.5	-	-	-	-	
Plants.....	:Number	3,812,267	3,217	-	-	81,500	-	-	-	-	
Value.....	:Dollar	4,933,177	1/	-	-	1,667	-	-	-	-	
Average per plant.....	:do	1.7	1/	-	-	0.2	-	-	-	-	
Percentage of value of all crops.....	:Percent	1.7	1/	-	-	0.2	-	-	-	-	
Average per establishment reporting.....	:Dollar	2,933	1,072	-	-	8,582	-	-	-	-	
Percentage distribution.....	:Percent	100.0	0.1	-	-	1.6	-	-	-	-	

1/ Less than 0.05 percent.

2/ Less than 1,000 plants.

Continued-

Table 18.--Floriculture: Crops sold by specialization for selected crops, United States, 1949 - continued

Item	Unit	Total	Greenhouse						Outdoor
			Carnations	Chrysan- themums	Gardenias	Orchids	Roses	Asparagus plumosus	
<b>Greenhouse vegetables and mushrooms sold</b>									
Total									
Value at wholesale prices.....	:Dollar	27,612,267	9,765	10,000	-	-	-	-	4,800
Percentage of value of all crops.....	:Percent	12.6	0.1	2.2	-	-	-	-	1/
Percentage distribution.....	:do	100.0	1/	1/	-	-	-	-	1/
<b>Propagated mushrooms</b>									
Establishments reporting.....	:Number	444	-	-	-	-	-	-	-
Percentage distribution.....	:Percent	100.0	-	-	-	-	-	-	-
Value.....	:Dollar	14,565,807	-	-	-	-	-	-	-
Percentage of value of all crops.....	:Percent	6.7	-	-	-	-	-	-	-
Average per establishment reporting...	:Dollar	32,806	-	-	-	-	-	-	-
Percentage distribution.....	:Percent	100.0	-	-	-	-	-	-	-
<b>Cucumbers</b>									
Establishments reporting.....	:Number	126	-	-	-	-	-	-	1
Percentage distribution.....	:Percent	100.0	-	-	-	-	-	-	0.8
Value.....	:Dollar	1,277,176	-	-	-	-	-	-	1,200
Percentage of value of all crops.....	:Percent	0.6	-	-	-	-	-	-	1/
Average per establishment reporting...	:Dollar	10,136	-	-	-	-	-	-	1,200
Percentage distribution.....	:Percent	100.0	-	-	-	-	-	-	0.1
<b>Lettuce</b>									
Establishments reporting.....	:Number	330	2	-	-	-	-	-	-
Percentage distribution.....	:Percent	100.0	0.6	-	-	-	-	-	-
Value.....	:Dollar	1,393,021	2,675	-	-	-	-	-	-
Percentage of value of all crops.....	:Percent	0.6	1/	-	-	-	-	-	-
Average per establishment reporting...	:Dollar	4,221	1,338	-	-	-	-	-	-
Percentage distribution.....	:Percent	100.0	0.2	-	-	-	-	-	-
<b>Tomatoes</b>									
Establishments reporting.....	:Number	711	3	1	-	-	-	-	1
Percentage distribution.....	:Percent	100.0	0.4	0.1	-	-	-	-	0.1
Value.....	:Dollar	10,077,398	7,090	10,000	-	-	-	-	3,600
Percentage of value of all crops.....	:Percent	4.6	0.1	2.2	-	-	-	-	1/
Average per establishment reporting...	:Dollar	14,174	2,363	10,000	-	-	-	-	3,600
Percentage distribution.....	:Percent	100.0	0.1	0.1	-	-	-	-	1/
<b>All other vegetables grown under glass</b>									
Establishments reporting.....	:Number	125	-	-	-	-	-	-	-
Percentage distribution.....	:Percent	100.0	-	-	-	-	-	-	-
Value.....	:Dollar	298,865	-	-	-	-	-	-	-
Percentage of value of all crops.....	:Percent	0.1	-	-	-	-	-	-	-
Average per establishment reporting...	:Dollar	2,391	-	-	-	-	-	-	-
Percentage distribution.....	:Percent	100.0	-	-	-	-	-	-	-

1/ Less than 0.05 percent.

Continued-

Table 18.--Floriculture: Crops sold by specialization for selected crops, United States, 1949 - continued

Item	Unit	Total	Greenhouse					Outdoor gladiolus
			Carnations	Chrysan- themums	Gardenias	Orchids	Roses	
<b>Cut flowers grown under cloth, sold</b>								
Total								
Value at wholesale prices.....	Dollar	3,893,708	185,668	10,000	2,140	1,500	53,338	14,543
Percentage of value of all crops.....	Percent	1.8	2.1	2.2	0.1	1/	0.2	0.1
Percentage distribution.....	do	100.0	4.8	0.3	0.1	1/	1.4	0.4
<b>Asters</b>								
Establishments reporting.....	Number	216	1	-	-	-	2	1
Percentage distribution.....	Percent	100.0	0.5	-	-	-	0.9	0.5
Flowers.....	Number	4,404,000	67,000	-	-	-	17,000	1,000
Value.....	Dollar	185,557	4,395	-	-	-	928	250
Average per flower.....	do	0.04	6.6	-	-	-	0.05	0.25
Percentage of value of all crops.....	Percent	0.1	1/	-	-	-	1/	1/
Average per establishment reporting....	Dollar	859	4,395	-	-	-	164	250
Percentage distribution.....	Percent	100.0	2.4	-	-	-	0.5	0.1
<b>Chrysanthemums (standard)</b>								
Establishments reporting.....	Number	415	7	-	1	-	3	2
Percentage distribution.....	Percent	100.0	1.7	-	0.2	-	0.7	0.5
Flowers.....	Number	8,944,000	70,000	-	4,000	-	117,000	23,000
Value.....	Dollar	1,181,210	16,762	-	644	-	20,847	6,139
Average per flower.....	do	0.13	0.24	-	0.16	-	0.18	0.27
Percentage of value of all crops.....	Percent	0.5	0.2	-	1/	-	0.1	0.1
Average per establishment reporting....	Dollar	2,846	2,395	-	644	-	6,949	3,070
Percentage distribution.....	Percent	100.0	1.4	-	0.1	-	1.8	0.5
<b>Chrysanthemums (pompons)</b>								
Establishments reporting.....	Number	809	24	1	1	1	7	3
Percentage distribution.....	Percent	100.0	3.0	0.1	0.1	0.1	0.9	0.4
Bunches.....	Number	3,236,000	162,000	15,000	2,000	2,000	57,000	11,000
Value.....	Dollar	1,861,494	88,532	10,000	1,496	1,500	26,805	8,154
Average per bunch.....	do	0.58	0.55	0.67	0.75	0.75	0.51	0.74
Percentage of value of all crops.....	Percent	0.9	1.0	2.2	0.1	1/	0.1	0.1
Average per establishment reporting....	Dollar	2,301	3,689	10,000	1,496	1,500	4,115	2,718
Percentage distribution.....	Percent	100.0	4.8	0.5	0.1	0.1	1.5	0.4
<b>All other cut flowers grown under cloth</b>								
Establishments reporting.....	Number	119	5	-	-	-	1	-
Percentage distribution.....	Percent	100.0	4.2	-	-	-	0.8	-
Value.....	Dollar	665,447	75,979	-	-	-	2,758	-
Percentage of value of all crops.....	Percent	0.3	0.8	-	-	-	1/	-
Average per establishment reporting....	Dollar	5,592	15,196	-	-	-	2,758	-
Percentage distribution.....	Percent	100.0	11.4	-	-	-	0.4	-

1/ Less than 0.05 percent.

Table 18.--Floriculture: Crops sold by specialization for selected crops, United States, 1949 - continued

Item	Unit	Total	Greenhouse					Outdoor	
			Carnations	Chrysanthemums	Gardenias	Orchids	Roses		Asparagus plumosus
<b>Crops grown outdoors and under lath, sold</b>									
Total		26,201,822	51,267	2,000	150,062	-	96,324	1,604,261	10,764,282
Value at wholesale prices.....	:Dollar	12.0	0.6	0.4	6.9	-	0.3	100.0	99.4
Percentage of value of all crops.....	:Percent:	100.0	0.2	1/	0.6	-	0.4	6.1	41.1
Percentage distribution.....	: do								
<b>Asparagus plumosus</b>									
Establishments reporting.....	:Number:	232	-	-	-	-	-	27	-
Percentage distribution.....	:Percent:	100.0	-	-	-	-	-	11.6	-
Sprays.....	:Number:	349,325,000	-	-	-	-	-	227,541,000	-
Value.....	:Dollar	2,902,865	-	-	-	-	-	1,604,261	-
Average per spray.....	: do	0.01	-	-	-	-	-	0.01	-
Percentage of value of all crops.....	:Percent:	1.3	-	-	-	-	-	100.0	-
Average per establishment reporting.....	:Dollar	12,512	-	-	-	-	-	59,417	-
Percentage distribution.....	:Percent:	100.0	-	-	-	-	-	55.3	-
<b>Chrysanthemums (standard)</b>									
Establishments reporting.....	:Number:	262	-	-	-	-	1	-	-
Percentage distribution.....	:Percent:	100.0	-	-	-	-	0.4	-	-
Flowers.....	:Number:	1,691,000	-	-	-	-	10,000	-	-
Value.....	:Dollar	229,666	-	-	-	-	2,000	-	-
Average per flower.....	: do	0.14	-	-	-	-	0.20	-	-
Percentage of value of all crops.....	:Percent:	0.1	-	-	-	-	1/	-	-
Average per establishment reporting.....	:Dollar	877	-	-	-	-	2,000	-	-
Percentage distribution.....	:Percent:	100.0	-	-	-	-	0.9	-	-
<b>Chrysanthemums (pompon)</b>									
Establishments reporting.....	:Number:	784	7	-	-	-	3	-	3
Percentage distribution.....	:Percent:	100.0	0.9	-	-	-	0.4	-	0.4
Bunches.....	:Number:	1,380,000	25,000	-	-	-	10,000	-	37,000
Value.....	:Dollar	643,879	11,972	-	-	-	8,720	-	14,138
Average per bunch.....	: do	0.47	0.48	-	-	-	0.87	-	0.38
Percentage of value of all crops.....	:Percent:	0.3	0.1	-	-	-	1/	-	0.1
Average per establishment reporting.....	:Dollar	821	1,710	-	-	-	2,907	-	4,713
Percentage distribution.....	:Percent:	100.0	1.9	-	-	-	1.4	-	2.2
<b>Dahlias</b>									
Establishments reporting.....	:Number:	642	1	-	-	-	-	4	4
Percentage distribution.....	:Percent:	100.0	0.2	-	-	-	-	0.6	0.6
Flowers.....	:Number:	5,706,000	2,000	-	-	-	-	-	82,000
Value.....	:Dollar	403,836	150	-	-	-	-	-	6,657
Average per flower.....	: do	0.07	0.08	-	-	-	-	-	0.08
Percentage of value of all crops.....	:Percent:	0.2	1/	-	-	-	-	-	0.1
Average per establishment reporting.....	:Dollar	629	150	-	-	-	-	-	1,664
Percentage distribution.....	:Percent:	100.0	1/	-	-	-	-	-	1.6
<b>Delphiniums</b>									
Establishments reporting.....	:Number:	722	6	1	-	-	3	-	8
Percentage distribution.....	:Percent:	100.0	0.8	0.1	-	-	0.4	-	1.1
Flowers.....	:Number:	4,436,000	60,000	6,000	-	-	17,000	-	992,000

1/ Less than 0.05 percent.

Continued-

Table 18.--Floriculture: Crops sold by specialization for selected crops, United States, 1949 - continued

Item	Unit	Total	Greenhouse							Outdoor
			Carnations	Chrysanthemums	Gardenias	Orchids	Roses	Asparagus plumosus	Gladiolus	
Value.....	Dollar	366,594	5,383	500	-	-	-	1,662	-	73,266
Average per flower.....	do	0.08	0.09	0.08	-	-	-	0.10	-	0.07
Percentage of value of all crops.....	Percent	0.2	0.1	0.1	-	-	-	1/	-	0.7
Average per establishment reporting....	Dollar	508	897	500	-	-	-	554	-	9,158
Percentage distribution.....	Percent	100.0	1.5	0.1	-	-	-	0.5	-	20.0
<b>Gladiolus</b>										
Establishments reporting.....	Number	2,367	7	1	-	-	-	10	-	95
Percentage distribution.....	Percent	100.0	0.3	1/	-	-	-	0.4	-	4.0
Flowers.....	Number	288,840,000	241,000	24,000	-	-	-	751,000	-	198,778,000
Value.....	Dollar	14,866,387	9,985	1,500	-	-	-	41,492	-	10,356,318
Average per flower.....	do	0.05	0.04	0.06	-	-	-	0.06	-	0.05
Percentage of value of all crops.....	Percent	6.8	0.1	0.3	-	-	-	0.1	-	95.6
Average per establishment reporting....	Dollar	6,282	1,426	1,500	-	-	-	4,149	-	109,014
Percentage distribution.....	Percent	100.0	0.1	1/	-	-	-	0.3	-	70.0
<b>Iris</b>										
Establishments reporting.....	Number	408	3	-	1	-	-	1	-	15
Percentage distribution.....	Percent	100.0	0.7	-	0.2	-	-	0.2	-	3.7
Flowers.....	Number	10,385,000	41,000	-	32,000	-	-	3,000	-	2,534,000
Value.....	Dollar	475,457	2,030	-	1,610	-	-	168	-	124,241
Average per flower.....	do	0.05	0.05	-	0.05	-	-	0.06	-	0.05
Percentage of value of all crops.....	Percent	0.2	1/	-	0.1	-	-	1/	-	1.1
Average per establishment reporting....	Dollar	1,165	677	-	1,610	-	-	168	-	8,283
Percentage distribution.....	Percent	100.0	0.4	-	0.3	-	-	1/	-	26.1
<b>Narcissus</b>										
Establishments reporting.....	Number	338	-	-	1	-	-	1	-	12
Percentage distribution.....	Percent	100.0	-	-	0.3	-	-	0.3	-	3.6
Flowers.....	Number	46,192,000	-	-	402,000	-	-	108,000	-	4,387,000
Value.....	Dollar	767,689	-	-	10,050	-	-	2,163	-	83,647
Average per flower.....	do	0.02	-	-	0.03	-	-	0.02	-	0.02
Percentage of value of all crops.....	Percent	0.4	-	-	0.5	-	-	1/	-	0.8
Average per establishment reporting....	Dollar	2,271	-	-	10,050	-	-	2,163	-	6,971
Percentage distribution.....	Percent	100.0	-	-	1.3	-	-	0.3	-	10.9
<b>Peonies</b>										
Establishments reporting.....	Number	573	4	-	-	-	-	5	-	4
Percentage distribution.....	Percent	100.0	0.7	-	-	-	-	0.9	-	0.7
Flowers.....	Number	11,791,000	179,000	-	-	-	-	45,000	-	173,000
Value.....	Dollar	629,903	9,591	-	-	-	-	2,795	-	8,477
Average per flower.....	do	0.05	0.05	-	-	-	-	0.06	-	0.05
Percentage of value of all crops.....	Percent	0.3	0.1	-	-	-	-	1/	-	0.1
Average per establishment reporting....	Dollar	1,099	2,398	-	-	-	-	559	-	2,119
Percentage distribution.....	Percent	100.0	1.5	-	-	-	-	0.4	-	1.3
<b>All other crops grown outdoors</b>										
Establishments reporting.....	Number	1,622	8	-	1	-	-	9	-	12
Percentage distribution.....	Percent	100.0	0.5	-	0.1	-	-	0.6	-	0.7
Flowers.....	Number	4,913,546	12,156	-	138,402	-	-	37,324	-	97,538
Value.....	Dollar	3,029	1,520	-	138,402	-	-	4,147	-	8,128
Average per establishment reporting....	Dollar	100.0	0.2	-	2.8	-	-	0.8	-	2.0

1/ Less than 0.05 percent.

Table 19.—Floriculture: Number of establishments by type of organization, April 1, 1950, by specialization for selected crops in 1949, United States

Item	Unit	Total	Greenhouse							Outdoor
			Carnations	Chrysanthemums	Gardenias	Orchids	Roses	Plumose	Asparagus	
<b>Total</b>										
Establishments reporting.....	Number	12,427	187	9	21	49	212	27	95	
Percentage distribution.....	Percent	100.0	1.5	0.1	0.2	0.4	1.7	0.2	0.8	
<b>Operated by</b>										
<b>Individuals</b>										
Establishments reporting.....	Number	8,925	9.1	4	7	11	51	19	45	
Percentage of all establishments.....	Percent	71.8	48.7	44.4	33.3	22.4	24.1	70.4	47.4	
Percentage distribution.....	do	100.0	1.0	1/	0.1	0.1	0.6	0.2	0.5	75
<b>Partnerships</b>										
Establishments reporting.....	Number	2,690	62	4	8	16	63	5	34	
Percentage of all establishments.....	Percent	21.6	33.1	44.4	38.1	32.7	29.7	18.5	35.8	
Percentage distribution.....	do	100.0	2.3	0.1	0.3	0.6	2.3	0.2	1.3	
<b>Corporations</b>										
Establishments reporting.....	Number	812	34	1	6	22	98	3	16	
Percentage of all establishments.....	Percent	6.5	18.2	11.1	28.6	44.9	46.2	11.1	16.8	
Percentage distribution.....	do	100.0	4.2	0.1	0.7	2.7	12.1	0.4	2.0	

1/ Less than 0.05 percent.







