

**Table 34. Value of Land, Buildings, Machinery, and Equipment; Total Land Area; Area in Production; and Marketing Channels by Kind of Business: 2019**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Total	Annual bedding/garden plants	Potted herbaceous perennial plants	Potted flowering plants for indoor or patio use	Foliage plants for indoor or patio use	Cut flowers	Cut cultivated greens	Nursery stock	Propagative horticultural materials, bareroot, and unfinished plants
<b>VALUE OF LAND, BUILDINGS, MACHINERY AND EQUIPMENT</b>									
Land and buildings .....operations	20,655	4,463	878	908	489	1,078	334	4,604	513
value (\$1,000)	21,608,373	2,856,434	479,556	902,281	730,785	987,265	338,890	6,099,583	698,935
Machinery and equipment .....operations	20,655	4,463	878	908	489	1,078	334	4,604	513
value (\$1,000)	4,289,721	642,628	108,318	144,152	104,260	154,524	32,205	1,285,948	159,150
<b>TOTAL LAND AREA USED TO GROW CROPS</b>									
Total land area covered by greenhouses .....operations	13,222	4,419	670	780	358	632	63	2,436	346
square feet (1,000)	884,816	251,202	33,699	65,746	43,171	37,529	3,411	247,458	29,307
Glass covered .....operations	1,314	533	49	92	29	66	2	169	31
square feet (1,000)	108,550	35,041	1,305	12,107	3,242	5,453	(D)	6,157	4,211
Rigid plastic .....operations	2,773	993	141	256	64	130	18	452	88
square feet (1,000)	110,735	27,912	4,313	17,847	3,036	10,181	(D)	22,521	4,366
Plastic film (single or multi-layer poly) .....operations	11,599	4,048	588	599	315	532	51	2,153	284
square feet (1,000)	665,532	188,249	28,081	35,793	36,893	21,895	(D)	218,780	20,730
Greenhouse area erected in 2019 .....operations	1,071	271	42	42	22	71	5	184	36
square feet (1,000)	15,765	5,704	370	1,763	785	310	10	3,233	549
Total land area covered by shade structures .....operations	3,516	663	272	259	204	136	167	1,271	95
square feet (1,000)	391,987	18,304	6,461	23,107	85,422	8,414	151,479	82,982	3,760
Total land area covered by natural shade .....operations	1,340	152	165	41	28	68	99	552	56
acres	6,729	425	255	148	67	178	1,564	3,552	135
Total land area in the open .....operations	10,487	1,623	667	285	187	903	177	4,131	324
acres	549,063	13,822	5,177	2,102	2,261	20,798	4,008	367,290	20,858
<b>GREENHOUSE AREA IN PRODUCTION</b>									
Cut flowers and cut lei flowers (see text) .....operations	1,119	161	11	55	4	569	11	9	3
square feet (1,000)	39,870	1,667	28	1,375	(D)	34,211	327	32	601
Potted flowering plants for indoor or patio use (see text) .....operations	3,608	1,763	105	767	81	47	3	144	30
square feet (1,000)	120,593	45,457	2,081	43,179	2,525	863	84	6,964	2,085
Potted herbaceous perennial plants .....operations	4,035	1,874	605	163	30	39	3	602	37
square feet (1,000)	87,226	28,241	22,470	2,157	1,397	103	27	18,665	1,077
Annual bedding/garden plants .....operations	6,402	4,365	217	305	41	66	-	288	34
square feet (1,000)	224,651	167,213	5,347	14,568	1,724	449	-	7,792	4,359
Foliage plants, pots .....operations	1,769	825	51	121	319	19	4	108	9
square feet (1,000)	47,378	10,984	632	1,381	26,384	25	(D)	2,246	(D)
Foliage plants, hanging baskets .....operations	808	425	15	51	114	-	-	19	5
square feet (1,000)	19,472	7,315	119	1,339	8,104	-	-	167	68
Cut cultivated greens .....operations	199	7	-	2	-	68	56	1	1
square feet (1,000)	2,675	7	-	(D)	-	1,290	1,122	(D)	(D)
Nursery stock .....operations	3,190	411	153	35	18	5	4	2,098	191
square feet (1,000)	227,556	5,564	3,088	492	(D)	3	57	194,127	11,805
All other horticultural specialty crops .....operations	4,035	574	64	18	97	14	133	188	188
square feet (1,000)	132,009	5,299	564	2,858	915	520	(D)	1,309	12,662
<b>SHADE STRUCTURE AREA IN PRODUCTION</b>									
Cut flowers and cut lei flowers (see text) .....operations	181	13	-	12	-	127	9	-	-
square feet (1,000)	8,391	(D)	-	172	-	7,793	115	-	-
Potted flowering plants (see text) .....operations	556	148	29	222	28	4	1	44	2
square feet (1,000)	30,770	2,612	154	12,437	11,702	99	(D)	2,542	(D)
Potted herbaceous perennial plants .....operations	962	283	246	35	11	2	1	231	10
square feet (1,000)	23,038	2,653	5,516	1,117	(D)	(D)	(D)	4,957	(D)
Annual bedding/garden plants .....operations	725	446	24	51	10	5	-	84	3
square feet (1,000)	22,408	9,483	218	(D)	(D)	4	-	3,042	(D)
Foliage plants, pots .....operations	401	69	4	38	187	-	1	59	1
square feet (1,000)	64,661	(D)	25	4,014	50,439	-	(D)	7,098	(D)
Foliage plants, hanging baskets .....operations	84	29	-	7	33	-	-	3	1
square feet (1,000)	9,066	(D)	-	1,357	6,293	-	-	(D)	(D)
Cut cultivated greens .....operations	200	1	-	2	-	20	162	6	-
square feet (1,000)	152,644	(D)	-	(D)	-	(D)	149,137	1,076	-
Nursery stock .....operations	1,408	66	66	22	7	3	1	1,086	56
square feet (1,000)	64,822	674	478	1,908	537	202	(D)	58,408	1,718
All other horticultural specialty crops .....operations	403	34	6	8	1	7	-	60	42
square feet (1,000)	6,435	235	15	(D)	(D)	422	-	1,057	1,052
<b>NATURAL SHADE AREA IN PRODUCTION</b>									
Cut flowers and cut lei flowers (see text) .....operations	102	7	3	7	-	62	8	4	-
acres	183	2	(D)	8	-	149	14	2	-
Potted flowering plants (see text) .....operations	83	20	12	26	2	-	-	7	1
acres	42	11	1	13	(D)	-	-	2	(D)
Potted herbaceous perennial plants .....operations	373	71	140	18	2	5	-	88	3
acres	413	31	183	11	(D)	(D)	-	157	(D)
Annual bedding/garden plants .....operations	128	75	7	4	-	2	-	25	-
acres	392	(D)	2	1	-	(D)	-	27	-
Foliage plants, pots .....operations	53	10	-	-	22	-	-	12	-
acres	92	(D)	-	-	51	-	-	(D)	-
Foliage plants, hanging baskets .....operations	11	3	-	1	5	-	-	-	-
acres	3	(D)	-	(D)	3	-	-	-	-
Cut cultivated greens .....operations	105	2	-	-	-	4	96	-	-
acres	1,559	(D)	-	-	-	12	1,545	-	-

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**Table 34. Value of Land, Buildings, Machinery, and Equipment; Total Land Area; Area in Production; and Marketing Channels by Kind of Business: 2019 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Sod, sprigs, or plugs	Dried bulbs, corms, rhizomes, and tubers	Food crops grown under protection	Transplants for commercial vegetable and strawberry production	Vegetable seeds	Flower seeds	Aquatic plants	Cultivated Christmas trees	Other kinds of businesses
<b>VALUE OF LAND, BUILDINGS, MACHINERY AND EQUIPMENT</b>									
Land and buildings ..... operations value (\$1,000)	996	115	2,168	164	252	64	87	2,527	1,015
Machinery and equipment ..... operations value (\$1,000)	3,464,700	106,267	1,173,185	561,478	623,579	117,953	17,350	1,657,973	792,158
	996	115	2,168	164	252	64	87	2,527	1,015
	698,008	16,344	241,846	147,076	125,190	24,169	4,219	208,745	192,940
<b>TOTAL LAND AREA USED TO GROW CROPS</b>									
Total land area covered by greenhouses ..... operations square feet (1,000)	26	41	2,138	141	50	30	66	70	956
Glass covered ..... operations square feet (1,000)	(D)	791	79,046	26,117	1,461	(D)	976	414	59,921
Rigid plastic ..... operations square feet (1,000)	4	7	178	14	14	4	7	6	109
Plastic film (single or multi-layer poly) ..... operations square feet (1,000)	9	19	30,643	1,393	47	(D)	125	20	8,773
Greenhouse area erected in 2019 ..... operations square feet (1,000)	7	5	321	35	6	9	22	12	214
	(D)	342	8,950	2,799	629	(D)	60	33	7,060
	20	32	1,833	121	38	21	50	59	855
	(D)	431	39,454	21,926	786	(D)	791	361	44,088
	3	1	306	21	10	-	-	4	53
	(D)	(D)	1,514	393	25	-	-	7	1,095
Total land area covered by shade structures ..... operations square feet (1,000)	10	9	172	4	5	6	9	26	208
Total land area covered by natural shade ..... operations acres	(D)	(D)	2,997	(D)	(D)	21	94	163	5,733
Total land area in the open ..... operations acres	2	4	55	-	1	-	13	21	83
	(D)	9	56	-	(D)	-	12	(D)	111
	21	113	698	87	246	62	76	305	582
	(D)	6,446	10,247	5,011	42,523	6,409	(D)	13,141	10,399
<b>GREENHOUSE AREA IN PRODUCTION</b>									
Cut flowers and cut lei flowers (see text) ..... operations square feet (1,000)	-	13	194	6	-	-	1	2	80
Potted flowering plants for indoor or patio use (see text) ..... operations square feet (1,000)	-	229	540	14	-	-	(D)	(D)	819
Potted herbaceous perennial plants ..... operations square feet (1,000)	-	2	60	20	-	-	-	4	582
Annual bedding/garden plants ..... operations square feet (1,000)	-	(D)	203	1,284	-	-	-	(D)	15,842
Foliage plants, pots ..... operations square feet (1,000)	9	2	59	6	-	7	7	9	583
	(D)	(D)	148	34	-	200	128	18	12,542
	5	3	273	35	2	2	1	16	749
	219	(D)	1,130	394	(D)	(D)	(D)	66	21,294
	2	1	14	8	-	-	1	2	285
	(D)	(D)	23	(D)	-	-	(D)	(D)	2,980
Foliage plants, hanging baskets ..... operations square feet (1,000)	-	-	16	4	-	-	-	-	159
Cut cultivated greens ..... operations square feet (1,000)	-	-	54	68	-	-	-	-	2,239
Nursery stock ..... operations square feet (1,000)	-	-	43	-	-	-	-	1	20
All other horticultural specialty crops ..... operations square feet (1,000)	-	-	180	-	-	-	-	(D)	62
	6	3	10	7	2	1	4	32	210
	(D)	2	60	656	(D)	(D)	5	(D)	6,318
	17	32	2,137	135	47	27	63	45	390
	(D)	503	75,090	18,907	1,446	174	903	222	6,587
<b>SHADE STRUCTURE AREA IN PRODUCTION</b>									
Cut flowers and cut lei flowers (see text) ..... operations square feet (1,000)	-	2	11	-	-	-	-	-	7
Potted flowering plants (see text) ..... operations square feet (1,000)	-	(D)	(D)	-	-	-	-	-	5
Potted herbaceous perennial plants ..... operations square feet (1,000)	-	2	4	-	-	-	-	-	72
Annual bedding/garden plants ..... operations square feet (1,000)	-	(D)	(D)	-	-	-	-	-	1,077
Foliage plants, pots ..... operations square feet (1,000)	1	-	2	-	-	2	-	3	135
	(D)	-	(D)	-	-	(D)	-	(D)	1,451
Foliage plants, hanging baskets ..... operations square feet (1,000)	-	-	11	-	-	-	-	-	91
Cut cultivated greens ..... operations square feet (1,000)	-	-	4	-	-	-	-	-	1,259
Nursery stock ..... operations square feet (1,000)	-	-	-	-	-	-	-	-	42
All other horticultural specialty crops ..... operations square feet (1,000)	-	-	-	-	-	-	-	-	(D)
	-	-	-	-	-	-	-	-	11
	-	-	-	-	-	-	-	-	43
	-	-	-	1	-	-	-	5	3
	4	-	-	(D)	-	-	-	49	(D)
	(D)	-	-	-	-	-	-	15	82
	5	5	160	3	5	4	9	24	30
	(D)	(D)	1,566	7	(D)	8	94	52	97
<b>NATURAL SHADE AREA IN PRODUCTION</b>									
Cut flowers and cut lei flowers (see text) ..... operations acres	-	-	10	-	-	-	-	-	1
Potted flowering plants (see text) ..... operations acres	-	-	7	-	-	-	-	-	(D)
Potted herbaceous perennial plants ..... operations acres	-	-	4	-	-	-	-	-	11
Annual bedding/garden plants ..... operations acres	-	-	2	-	-	-	-	-	7
Foliage plants, pots ..... operations acres	-	-	4	-	-	-	-	2	40
	-	-	2	-	-	-	-	(D)	21
	-	-	1	-	-	-	-	-	14
	-	-	(D)	-	-	-	-	-	5
	-	-	2	-	-	-	-	-	7
	-	-	(D)	-	-	-	-	-	6
Foliage plants, hanging baskets ..... operations acres	-	-	-	-	-	-	-	-	2
Cut cultivated greens ..... operations acres	-	-	-	-	-	-	-	-	(D)
	-	-	-	-	-	-	-	2	1
	-	-	-	-	-	-	-	(D)	(D)

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**Table 34. Value of Land, Buildings, Machinery, and Equipment; Total Land Area; Area in Production; and Marketing Channels by Kind of Business: 2019 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Total	Annual bedding/garden plants	Potted herbaceous perennial plants	Potted flowering plants for indoor or patio use	Foliage plants for indoor or patio use	Cut flowers	Cut cultivated greens	Nursery stock	Propagative horticultural materials, bareroot, and unfinished plants
<b>NATURAL SHADE AREA IN PRODUCTION - Con.</b>									
Nursery stock .....operations	660	26	38	8	2	-	2	490	34
acres	3,274	21	30	3	(D)	-	(D)	3,013	107
All other horticultural specialty crops .....operations	131	7	10	1	-	5	1	11	22
acres	449	1	12	(D)	-	10	(D)	65	31
<b>AREA IN THE OPEN IN PRODUCTION</b>									
Cut flowers and cut lei flowers (see text) .....operations	1,518	151	42	30	3	891	26	29	5
acres	20,663	284	31	150	2	18,746	231	111	16
Potted flowering plants (see text) .....operations	789	281	43	187	32	10	1	58	8
acres	3,140	607	93	1,041	351	45	(D)	482	29
Potted herbaceous perennial plants .....operations	2,028	705	552	57	19	21	1	315	35
acres	7,489	1,173	2,540	170	126	54	(D)	2,341	266
Annual bedding/garden plants .....operations	1,377	888	88	51	16	14	-	68	12
acres	3,209	1,611	226	78	137	(D)	-	536	112
Foliage plants, pots .....operations	381	88	14	18	148	3	1	39	3
acres	2,129	353	20	125	1,342	(D)	(D)	161	7
Foliage plants, hanging baskets .....operations	51	22	2	6	8	-	-	3	2
acres	96	19	(D)	36	10	-	-	5	(D)
Cut cultivated greens .....operations	368	5	4	4	-	91	165	12	-
acres	6,149	9	11	149	-	739	3,621	38	-
Nursery stock .....operations	5,471	319	197	42	33	11	6	4,093	237
acres	372,006	1,008	2,090	389	345	43	22	340,123	18,119
All other horticultural specialty crops .....operations	5,634	158	48	20	4	114	12	300	134
acres	610,900	1,179	2,869	184	15	1,545	109	17,833	5,758
<b>MARKETING CHANNELS</b>									
Consumers (direct sales) .....operations	13,646	3,440	673	570	137	663	74	2,216	188
Retail florists .....operations	1,881	484	38	206	78	443	54	143	16
Retail garden centers/nurseries .....operations	6,462	1,615	346	342	239	117	34	2,106	187
Supermarkets/groceries .....operations	1,982	407	48	125	54	198	14	122	15
Other mass marketers .....operations	1,301	358	54	86	61	16	8	280	23
Interiorscapers .....operations	510	109	9	81	98	7	2	110	1
Landscape contractors .....operations	6,864	1,282	369	194	147	78	30	3,070	134
Wholesale florists .....operations	1,699	252	43	167	129	447	186	167	15
Landscape redistribution yards .....operations	1,884	130	74	9	13	8	7	1,267	70
Non-profit groups .....operations	2,286	744	136	136	23	34	5	370	60
Other marketing channels .....operations	3,353	411	69	101	100	86	86	597	239

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Item	Sod, sprigs, or plugs	Dried bulbs, corms, rhizomes, and tubers	Food crops grown under protection	Transplants for commercial vegetable and strawberry production	Vegetable seeds	Flower seeds	Aquatic plants	Cultivated Christmas trees	Other kinds of businesses
<b>NATURAL SHADE AREA IN PRODUCTION - Con.</b>									
Nursery stock ..... operations	-	-	2	-	1	-	-	16	41
acres	-	-	(D)	-	(D)	-	-	28	61
All other horticultural specialty crops ..... operations	3	4	41	-	1	-	13	9	3
acres	243	9	44	-	(D)	-	12	18	(D)
<b>AREA IN THE OPEN IN PRODUCTION</b>									
Cut flowers and cut lei flowers (see text) ..... operations	-	25	212	3	4	-	-	14	83
acres	-	322	181	14	122	-	-	29	424
Potted flowering plants (see text) ..... operations	-	6	13	5	-	-	-	-	145
acres	-	(D)	7	84	-	-	-	-	378
Potted herbaceous perennial plants ..... operations	2	2	39	4	-	2	6	9	259
acres	(D)	(D)	19	15	-	(D)	8	79	688
Annual bedding/garden plants ..... operations	-	-	51	2	2	-	-	-	185
acres	-	-	92	(D)	(D)	-	-	-	386
Foliage plants, pots ..... operations	-	-	8	-	-	-	-	-	59
acres	-	-	2	-	-	-	-	-	69
Foliage plants, hanging baskets ..... operations	-	-	-	-	-	-	-	-	8
acres	-	-	-	-	-	-	-	-	(D)
Cut cultivated greens ..... operations	-	-	33	-	-	-	-	40	14
acres	-	-	39	-	-	-	-	1,492	49
Nursery stock ..... operations	7	2	11	3	2	2	11	229	266
acres	317	(D)	6	152	(D)	(D)	(D)	7,968	1,266
All other horticultural specialty crops ..... operations	981	114	579	89	246	62	76	2,526	171
acres	342,057	6,356	10,149	3,909	42,717	7,437	279	159,200	9,306
<b>MARKETING CHANNELS</b>									
Consumers (direct sales) ..... operations	661	96	1,688	121	55	17	60	2,222	765
Retail florists ..... operations	30	15	107	9	3	-	2	123	130
Retail garden centers/nurseries ..... operations	289	22	103	33	24	15	32	611	347
Supermarkets/groceries ..... operations	11	7	808	6	7	1	-	69	90
Other mass marketers ..... operations	68	13	108	11	13	1	4	134	63
Interiorscapers ..... operations	16	-	5	2	2	-	-	30	38
Landscape contractors ..... operations	856	16	51	18	12	24	48	204	331
Wholesale florists ..... operations	28	8	72	6	4	2	3	101	69
Landscape redistribution yards ..... operations	179	-	6	3	4	1	3	73	37
Non-profit groups ..... operations	35	12	89	10	4	3	5	460	160
Other marketing channels ..... operations	140	15	786	62	199	27	14	259	162