



**United States Department of Agriculture  
National Agricultural Statistics Service  
2014 Census of Horticultural Specialties – Michigan**



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**Horticultural Specialties Highlights**

The 2014 Census of Horticultural Specialties provides detailed production and sales data for floriculture, nursery, and other specialty products. This special study is part of the larger census of agriculture program. All operations that reported producing and selling \$10,000 or more of horticultural specialty products were included in the 2014 Census of Horticultural Specialties.

In 2014, the United States had 23,221 horticultural operations that produced and sold \$13.8 billion in floriculture, nursery, and other horticultural specialty products. Michigan had 940 horticultural operations that sold \$645.0 million in horticultural products in 2014, compared to 1,089 horticultural operations that sold \$566.8 million in horticultural products in 2009. Horticulture producers in Michigan had \$537.4 million in total production expenses in 2014. Hired labor expenses in Michigan accounted for 32 percent of the total production expenses. Of the 14,620 hired workers in Michigan, 9,105 worked less than 150 days compared to 5,515 who worked 150 days or more.

**U.S. Highlights: 2014 and 2009**

Item	2014	2009	Percent change
All horticultural specialty crops .....operations	23,221	21,585	7.6
.....sales (\$1,000)	13,789,048	11,687,323	18.0
Floriculture .....operations	12,415	12,009	3.4
.....sales (\$1,000)	5,879,685	5,018,449	17.2
Bedding/garden plants .....operations	9,709	9,604	1.1
.....sales (\$1,000)	3,512,384	3,149,701	11.5
Annual bedding/garden plants .....operations	7,964	7,989	-0.3
.....sales (\$1,000)	2,567,534	2,305,913	11.3
Potted herbaceous perennial plants .....operations	6,291	6,416	-1.9
.....sales (\$1,000)	944,850	843,788	12.0
Potted flowering plants for indoor or patio use .....operations	4,059	4,043	0.4
.....sales (\$1,000)	1,084,274	871,474	24.4
Foliage plants for indoor or patio use .....operations	2,644	2,728	-3.1
.....sales (\$1,000)	721,889	509,873	41.6
Cut flowers and cut lei flowers .....operations	1,998	1,703	17.3
.....sales (\$1,000)	462,098	403,254	14.6
Cut cultivated greens .....operations	728	634	14.8
.....sales (\$1,000)	99,040	84,148	17.7
Nursery stock sold .....operations	8,226	8,441	-2.5
.....sales (\$1,000)	4,266,631	3,850,363	10.8
Propagative horticultural materials, bareroot and unfinished plants .....operations	1,067	1,178	-9.4
.....sales (\$1,000)	695,126	601,657	15.5
Sod, sprigs, or plugs sold .....operations	1,289	1,403	-8.1
.....sales (\$1,000)	1,138,465	876,847	29.8
Dried bulbs, corms, rhizomes, and tubers .....operations	204	223	-8.5
.....sales (\$1,000)	74,014	48,512	52.6
Food crops grown under protection .....operations	2,521	1,476	70.8
.....sales (\$1,000)	796,664	553,270	44.0
Transplants for commercial vegetable and strawberry production .....operations	693	502	38.0
.....sales (\$1,000)	371,817	330,647	12.5
Vegetable seeds .....operations	385	340	13.2
.....sales (\$1,000)	135,122	89,031	51.8
Flower seeds .....operations	169	141	19.9
.....sales (\$1,000)	31,607	30,825	2.5
Other .....operations	3,902	3,274	19.2
.....sales (\$1,000)	399,918	287,722	39.0
Aquatic plants .....operations	345	375	-8.0
.....sales (\$1,000)	20,205	26,000	-22.3
Cut Christmas trees sold .....operations	3,352	2,699	24.2
.....sales (\$1,000)	366,632	249,821	46.8
Short rotation woody crops sold .....operations	49	23	113.0
.....sales (\$1,000)	1,845	2,173	-15.1
Tobacco transplants .....operations	183	189	-3.2
.....sales (\$1,000)	11,236	9,728	15.5

**Value of Horticultural Specialty Crops Sold: 2014**

Item	All sales		Wholesale sales		Retail sales	
	Operations	Value (\$1,000)	Operations	Value (\$1,000)	Operations	Value (\$1,000)
All horticultural specialty crops						
United States .....	23,221	13,789,048	14,885	11,859,976	14,710	1,929,073
Michigan .....	940	644,981	595	545,425	649	99,556
Annual bedding/garden plants						
United States .....	7,964	2,567,534	3,367	2,044,090	6,197	523,444
Michigan .....	491	254,697	249	199,265	347	55,432
Potted herbaceous perennial plants						
United States .....	6,291	944,850	2,710	794,915	4,805	149,936
Michigan .....	367	74,718	172	62,902	274	11,816
Potted flowering plants for indoor or patio use						
United States .....	4,059	1,084,274	2,010	993,437	2,891	90,837
Michigan .....	175	41,725	80	36,355	122	5,370
Foliage plants for indoor or patio use						
United States .....	2,644	721,889	1,386	702,029	1,591	19,860
Michigan .....	108	9,162	58	8,104	68	1,058
Cut flowers and cut lei flowers						
United States .....	1,998	462,098	974	417,108	1,350	44,990
Michigan .....	80	11,241	18	10,056	73	1,185
Cut cultivated greens						
United States .....	728	99,040	494	95,640	315	3,400
Michigan .....	9	122	8	(D)	3	(D)
Nursery stock sold						
United States .....	8,226	4,266,631	(NA)	3,834,953	(NA)	431,678
Michigan .....	292	99,544	(NA)	(NA)	(NA)	(NA)
Propagative horticultural materials, bareroot and unfinished plants						
United States .....	1,067	695,126	832	670,651	303	24,475
Michigan .....	78	103,529	64	102,717	21	812
Sod, sprigs, or plugs sold						
United States .....	1,289	1,138,465	(NA)	858,280	(NA)	280,185
Michigan .....	39	15,985	(NA)	12,575	(NA)	3,410
Dried bulbs, corms, rhizomes, and tubers						
United States .....	204	74,014	(NA)	64,800	(NA)	9,214
Michigan .....	3	(D)	(NA)	(D)	(NA)	(D)
Food crops grown under protection						
United States .....	2,521	796,664	(NA)	606,025	(NA)	190,639
Michigan .....	70	2,316	(NA)	1,810	(NA)	507
Transplants for commercial vegetable and strawberry production						
United States .....	693	371,817	(NA)	339,123	(NA)	32,694
Michigan .....	22	5,084	(NA)	5,063	(NA)	21
Vegetable seeds						
United States .....	385	135,122	(NA)	117,848	(NA)	17,274
Michigan .....	1	(D)	(NA)	(D)	(NA)	-
Flower seeds						
United States .....	169	31,607	(NA)	28,665	(NA)	2,942
Michigan .....	4	(D)	(NA)	(D)	(NA)	(D)
Aquatic plants						
United States .....	345	20,205	(NA)	17,324	(NA)	2,881
Michigan .....	9	144	(NA)	82	(NA)	63
Cut Christmas trees sold						
United States .....	3,352	366,632	1,563	269,996	2,550	96,636
Michigan .....	150	22,759	81	18,674	115	4,084
Short rotation woody crops sold						
United States .....	49	1,845	(NA)	1,289	(NA)	557
Michigan .....	2	(D)	(NA)	(D)	(NA)	-
Tobacco transplants						
United States .....	183	11,236	(NA)	3,806	(NA)	7,429
Michigan .....	1	(D)	(NA)	(D)	(NA)	-

(D) Withheld to avoid disclosing data for individual operations.  
 (NA) Not available  
 - Represents zero.

**Annual Bedding/Garden Plants Sold: 2014**

Item	Value (\$1,000)	Flats		All pots		Hanging baskets	
		Number sold	Value (\$1,000)	Number sold (1,000)	Value (\$1,000)	Number sold (1,000)	Value (\$1,000)
Annual bedding/garden plants sold, total							
United States .....	2,567,534	86,888,069	887,223	597,844	1,250,728	49,235	429,584
Michigan .....	254,697	9,820,735	77,927	49,077	109,636	8,587	67,134
Flowering and foliar annuals							
United States .....	2,160,001	73,832,363	733,604	478,746	1,004,914	48,056	421,484
Michigan .....	237,379	9,077,769	71,065	44,145	99,415	8,567	66,899
Begonias							
United States .....	133,349	6,638,687	63,048	30,331	48,635	2,727	21,666
Michigan .....	14,435	938,773	7,829	1,045	2,678	577	3,928
Combination planter/color bowl							
United States .....	81,344	229,498	3,749	3,381	42,819	2,745	34,776
Michigan .....	14,055	(D)	109	736	6,755	648	7,191
Geraniums (from vegetative cuttings)							
United States .....	223,954	839,222	9,445	54,263	165,076	5,245	49,433
Michigan .....	21,989	26,779	545	3,976	14,141	867	7,303
Impatiens, New Guinea							
United States .....	99,950	962,816	10,802	25,475	60,050	3,437	29,098
Michigan .....	10,836	127,789	1,241	2,607	5,384	521	4,211
Impatiens, other ( <i>I. wallerana</i> )							
United States .....	114,829	7,725,731	71,989	15,744	23,419	3,040	19,421
Michigan .....	14,849	1,532,105	10,929	436	729	610	3,192
Marigolds							
United States .....	82,362	6,664,247	60,607	16,026	20,650	175	1,105
Michigan .....	6,365	696,969	5,577	280	416	74	373
Pansies ( <i>Violas</i> )							
United States .....	186,024	12,146,484	114,122	45,264	61,058	1,688	10,845
Michigan .....	8,485	570,490	4,687	1,736	2,634	202	1,164
Petunias							
United States .....	262,959	11,722,441	114,237	38,950	79,781	8,316	68,941
Michigan .....	34,913	1,627,298	14,555	4,710	10,726	1,414	9,632
Other flowering and foliar annuals <sup>1</sup>							
United States .....	611,592	15,066,720	160,287	153,112	321,402	14,216	129,904
Michigan .....	66,158	2,406,951	15,686	14,029	34,174	1,967	16,298
Vegetable-type bedding plants <sup>2</sup>							
United States .....	407,533	13,055,706	153,619	119,098	245,814	1,180	8,100
Michigan .....	17,318	742,966	6,862	4,932	10,220	20	235

<sup>1</sup> Excludes vegetable-type bedding plants, *Ageratum*, *Alyssum-sweet (Lobularia)*, *Angelonia*, *Caladium*, *Calendula*, *Calibrachoa*, *Canna*, *Celosia*, *Cleome*, *Coleus*, *Cosmos*, *Dahlia*, *Dianthus*, *Dusty Miller*, flowering cabbage or kale (*Brassica*), *Fuchsia*, *Gazania*, *Geraniums (from seeds and plug seedlings)*, *Gerbera Daisy*, *Gomphrena*, *Lisianthus*, *Lobelia*, *Millet (ornamental)*, *Nasturtium*, *Nicotiana*, *Osteospermum*, *Pentas*, *peppers - ornamental*, *Poppy (annual)*, *Portulaca*, *Ranunculus*, *Rudbeckia*, *Salvia (annual)*, *Scaevola*, *Snapdragon*, *Thunbergia (Black-eyed Susan vine)*, *Verbena*, *Vinca (Catharanthus roseus)* and *Zinnia*.

<sup>2</sup> Excludes flowering and foliar plants.

(D) Withheld to avoid disclosing data for individual operations.

**Nursery Stock Sold: 2014**

Item	Operations	Number sold	Value (\$1,000)
Nursery stock sold, total			
United States .....	8,226	(NA)	4,266,631
Michigan .....	292	(NA)	99,544
Deciduous shade trees			
United States .....	3,652	21,126,281	561,870
Michigan .....	128	155,823	7,758
Deciduous flowering trees			
United States .....	3,450	21,565,156	373,701
Michigan .....	120	217,969	6,242
Broadleaf evergreens			
United States .....	3,891	89,534,915	807,216
Michigan .....	109	605,189	6,796
Coniferous evergreens			
United States .....	4,145	60,280,052	568,413
Michigan .....	161	744,001	16,098
Deciduous shrubs			
United States .....	3,636	98,752,780	676,674
Michigan .....	130	5,071,145	39,044
Fruit and nut plants			
United States .....	1,853	138,974,392	754,708
Michigan .....	75	1,364,851	11,000
Ornamental grasses			
United States .....	2,175	49,313,614	158,061
Michigan .....	92	2,271,201	6,054
Bareroot herbaceous perennials			
United States .....	255	7,850,190	17,847
Michigan .....	16	3,711,745	2,782
Cacti and succulents			
United States .....	396	10,464,190	40,909
Michigan .....	6	4,520	15
Other woody ornamentals and vines			
United States .....	1,492	44,992,818	154,874
Michigan .....	67	2,129,619	3,755
Landscaping palms			
United States .....	1,051	6,093,570	152,358
Michigan .....	(NA)	(NA)	(NA)

(NA) Not available.

**Top Potted Herbaceous Perennial Plants Sold: 2014**

Item	Operations	Number sold (1,000)	Value (\$1,000)
Potted herbaceous perennial plants sold, total			
United States .....	6,291	276,674	944,850
Michigan .....	367	23,684	74,718
Chrysanthemums			
United States .....	2,921	73,854	202,575
Michigan .....	194	6,549	17,914
Coral Bells ( <i>Heuchera</i> )			
United States .....	1,600	3,128	15,149
Michigan .....	140	210	1,115
Coreopsis			
United States .....	1,559	3,958	14,038
Michigan .....	103	176	597
Daylilies			
United States .....	2,085	7,103	28,517
Michigan .....	162	519	1,964
Dianthus			
United States .....	1,195	4,434	15,170
Michigan .....	83	225	844
Ferns (hardy/garden)			
United States .....	1,108	5,298	20,389
Michigan .....	62	101	580
Hostas			
United States .....	3,391	14,127	58,375
Michigan .....	230	2,347	7,332
Salvia (perennial)			
United States .....	1,315	4,216	16,695
Michigan .....	82	133	505
Sedum			
United States .....	1,356	4,659	15,031
Michigan .....	125	350	1,135
Other herbaceous perennial plants <sup>1</sup>			
United States .....	2,672	122,420	421,069
Michigan .....	160	11,375	35,899

<sup>1</sup> Excludes Achillea, Asclepias, Astilbe, Bleeding Heart, Campanula, Clematis (non-climbing), Columbine, *Delphinium* (Larkspur), *Digitalis* (Foxglove), *Echinacea* (Purple Coneflower), *Echinacea* (other), Gaillardia, Hibiscus, Iris, Lavender, *Leucantherum* (Shasta Daisy), Lobelia, Lupine, *Papaver* (Poppy), Penstemon, Peonies, *Perovskia* (Russian Sage), Phlox, Physostegia, Platycodon, Rudbeckia, Scabiosa, Verbascum, and Veronica.

**Top Potted Flowering Plants for Indoor or Patio Use Sold: 2014**

Item	Operations	All pots sold	Value (\$1,000)
Flowering plants for indoor or patio use sold, total			
United States .....	4,059	221,336,583	1,084,274
Michigan .....	175	10,349,840	41,725
Chrysanthemums, florist			
United States .....	570	13,688,060	50,914
Michigan .....	22	742,310	2,227
Hibiscus, potted			
United States .....	336	6,593,165	34,335
Michigan .....	13	28,852	168
Hydrangea			
United States .....	427	4,531,797	30,103
Michigan .....	21	161,260	917
Lilies, Easter			
United States .....	714	7,700,593	36,994
Michigan .....	39	1,525,159	7,183
Orchids, other			
United States .....	324	11,675,154	98,365
Michigan .....	5	22,900	485
Orchids, Phalaenopsis			
United States .....	312	21,619,655	186,394
Michigan .....	10	(D)	(D)
Poinsettias			
United States .....	1,527	50,445,385	240,937
Michigan .....	69	2,597,730	11,064
Roses, florist potted			
United States .....	426	9,469,995	36,352
Michigan .....	17	30,825	308
Other potted flowering plants <sup>1</sup>			
United States .....	671	30,238,988	135,789
Michigan .....	31	488,779	2,732
Other potted spring flowering bulbs <sup>2</sup>			
United States .....	258	10,729,540	36,697
Michigan .....	12	344,752	1,629

<sup>1</sup> Excludes potted spring flowering bulbs, African Violets, Alstroemeria, Anthurium, Azaleas - finished florist, Begonias, Bromeliad, Cape Primrose (*Streptocarpus*), Cineraria, combination planters, Cyclamens, Exacum, Gardenias, Gerbera Daisies, Gloxinias, Kalanchoes, Lilies - other, Orchids - Dendrobium, Orchids - Oncidiinae, Primula, Regal Pelargonium, Sunflowers, and Zygocactus (*Schlumbergera*).

<sup>2</sup> Excludes potted flowering plants, Crocus, Daffodils (*Narcissus*), Hyacinth, and Tulips.

(D) Withheld to avoid disclosing data for individual operations.

**Sod, Sprigs, and Plugs Sold: 2014**

Geographic area	Area used for production		Area harvested		Value (\$1,000)
	Operations	Acres	Operations	Acres	
United States .....	1,292	320,566	1,289	195,497	1,138,465
Michigan .....	39	6,291	39	2,934	15,985

**Food Crops Grown Under Protection and Sold: 2014**

Item	Operations	Area under protection (1,000 sq ft)	Total production (cwt)	Value (\$1,000)
Food crops grown under protection and sold, total				
United States .....	2,521	93,303	5,219,313	796,664
Michigan .....	70	1,106	14,419	2,316
Cucumbers				
United States .....	733	10,997	726,205	77,650
Michigan .....	16	439	4,499	387
Herbs, cut fresh				
United States .....	524	13,854	355,210	70,929
Michigan .....	19	54	949	596
Lettuce, all				
United States .....	763	4,330	219,303	55,547
Michigan .....	18	56	775	328
Peppers, all (excluding ornamentals)				
United States .....	534	3,522	77,019	5,996
Michigan .....	15	39	339	(D)
Strawberries				
United States .....	130	623	7,055	918
Michigan .....	5	9	80	(D)
Tomatoes				
United States .....	1,889	42,597	1,925,297	401,133
Michigan .....	51	274	3,610	492
Other food crops grown under protection and sold				
United States .....	851	17,380	1,909,224	184,491
Michigan .....	32	235	4,167	455

(D) Withheld to avoid disclosing data for individual operations.

**Top Foliage Plants for Indoor or Patio Use Sold: 2014**

Item	Total		All pots		Hanging baskets	
	Operations	Value (\$1,000)	Number sold (1,000)	Value (\$1,000)	Number sold	Value (\$1,000)
Foliage plants for indoor or patio use sold, total						
United States .....	2,644	721,889	191,502	647,483	11,515,012	74,406
Michigan .....	108	9,162	2,103	6,850	211,225	2,311
Aglaonema						
United States .....	96	19,421	3,435	(D)	(D)	(D)
Michigan .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cacti and succulents						
United States .....	580	105,409	34,396	101,485	336,312	3,923
Michigan .....	33	4,039	303	2,999	(D)	1,040
Combination planters (dish gardens, terrariums, etc.)						
United States .....	183	28,189	5,957	24,513	453,674	3,676
Michigan .....	11	(D)	(D)	(D)	(D)	(D)
Dracaena						
United States .....	716	43,337	13,453	43,298	2,824	39
Michigan .....	27	322	216	322	(NA)	(NA)
Ferns (tropical ferns potted)						
United States .....	1,004	57,363	10,814	36,402	3,176,003	20,961
Michigan .....	57	985	(D)	(D)	86,644	(D)
Ficus						
United States .....	218	20,912	3,430	(D)	17,292	(D)
Michigan .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hedera (Ivy)						
United States .....	391	16,481	8,496	14,547	439,517	1,934
Michigan .....	26	96	53	(D)	(D)	(D)
Palms						
United States .....	276	74,242	15,028	(D)	(D)	(D)
Michigan .....	4	(D)	(D)	(D)	(NA)	(NA)
Spathiphyllum						
United States .....	184	46,628	12,298	(D)	(D)	(D)
Michigan .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other foliage plants for indoor or patio use <sup>1</sup>						
United States .....	1,047	159,496	36,478	122,732	5,660,784	36,764
Michigan .....	44	2,120	587	1,595	68,678	525

<sup>1</sup> Excludes Anthurium, Bromeliad, Croton, Dieffenbachia, Epipremnum (Pothos), Maranta (Calathea), Philodendron, Schefflera, and Syngonium (Nephtytis).

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

**Propagative Horticultural Materials, Bareroot and Unfinished Plants Sold: 2014**

Item	Operations	Number sold	Value (\$1,000)
Propagative horticultural materials, bareroot and unfinished plants sold, total			
United States .....	1,067	1,878,473,634	695,126
Michigan .....	78	232,400,046	103,529
Liners sold, total			
United States .....	565	590,042,690	283,661
Michigan .....	36	115,732,333	57,751
Cuttings sold, total			
United States .....	235	286,886,844	76,139
Michigan .....	24	(D)	6,847
Plug seedlings sold, total			
United States .....	344	881,518,812	257,890
Michigan .....	38	102,175,878	30,739
Tissue cultured plantlets sold, total			
United States .....	77	98,751,853	54,157
Michigan .....	13	(D)	(D)
Prefinished plants sold, total			
United States .....	79	21,273,435	23,278
Michigan .....	2	(D)	(D)

(D) Withheld to avoid disclosing data for individual operations.

**Top Cut Flowers and Cut Lei Flowers Sold: 2014**

Item	Operations	Number sold (1,000)	Value (\$1,000)
Cut flowers and cut lei flowers sold, total			
United States .....	1,998	(X)	462,098
Michigan .....	80	(X)	11,241
Chrysanthemums, pompon (bunches)			
United States .....	80	7,998	13,471
Michigan .....	5	(D)	(D)
Gerbera Daisies (stems)			
United States .....	118	110,095	35,231
Michigan .....	5	(D)	(D)
Gladioli (spikes)			
United States .....	331	87,459	25,140
Michigan .....	36	(D)	(D)
Iris (stems)			
United States .....	189	49,442	13,863
Michigan .....	22	(D)	20
Lilies, Asiatic (stems)			
United States .....	303	38,317	25,062
Michigan .....	28	(D)	81
Lilies, Oriental (stems)			
United States .....	266	39,695	38,287
Michigan .....	26	49	108
Roses, hybrid tea (stems)			
United States .....	66	29,802	14,497
Michigan .....	1	(D)	(D)
Sunflowers (stems)			
United States .....	663	28,298	13,747
Michigan .....	46	1,410	546
Tulips (stems)			
United States .....	262	174,689	65,330
Michigan .....	7	34	56
Other cut flowers <sup>1</sup>			
United States .....	778	(X)	79,076
Michigan .....	31	(X)	462

<sup>1</sup> Excludes cut lei flowers, Alstroemeria, Anemone, Anthurium, Aster, Bird of Paradise (*Strelitzia*), Calla Lilies, Campanula, Carnations - miniature, Carnations - standard, Celosia, Chrysanthemums - other, Cosmos, Daffodils (*Narcissus*), Dahlia, *Delphinium* (Larkspur), Dianthus (other than carnations), dried flowers, flowering cabbage or kale (*Brassica*), Freesia, Ginger and Heliconia, Ginger - pink, Ginger - red, Ginger - other, Godetia, Gypsophila, Heather, Heliconia, Hydrangea, Ilex, Leptospermum, Liatris, Lilies - other, Limonium, Lisianthus, Marguerite Daisies, Matricaria, Orchids - Cattleya, Orchids - Cymbidium, Orchids - Dendrobium, Orchids - Oncidiinae, Orchids - Phalaenopsis, Orchids - Vandaceous, Orchids - other, Peony, Protea, Roses - garden, Roses - spray type, Roses - Sweetheart, Snapdragons, Solidago, Statice, Stephanotis, Stock, Trachelium, Waxflower, and Zinnia.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

**Transplants for Commercial Vegetable and Strawberry Production Sold: 2014**

Item	Total operations	Area used for production				Value (\$1,000)
		Under protection		In the open		
		Operations	1,000 sq ft	Operations	Acres	
<b>Total transplants for commercial vegetable and strawberry production sold</b>						
United States .....	693	543	31,582	242	6,982	371,817
Michigan .....	22	19	864	3	46	5,084
<b>Broccoli, cabbage, cauliflower, and other crucifers</b>						
United States .....	383	310	5,897	108	281	47,338
Michigan .....	13	13	(D)	-	-	549
<b>Greens (collard, turnip, kale, etc.)</b>						
United States .....	190	144	956	87	147	10,617
Michigan .....	1	1	(D)	-	-	(D)
<b>Peppers, all (excluding ornamentals)</b>						
United States .....	401	347	7,465	93	112	24,539
Michigan .....	11	11	229	-	-	(D)
<b>Strawberries for commercial production</b>						
United States .....	131	93	506	63	5,285	166,192
Michigan .....	4	1	(D)	3	(D)	1,551
<b>Tomatoes</b>						
United States .....	489	429	10,649	107	144	57,840
Michigan .....	14	14	294	-	-	966
<b>Other transplants for commercial production</b>						
United States .....	258	215	6,110	71	1,014	65,292
Michigan .....	7	6	(D)	1	(D)	(D)

(D) Withheld to avoid disclosing data for individual operations.  
 - Represents zero.

**Top Horticultural Production Expenses and Number of Hired Workers: 2014**

Item	United States	Michigan
<b>HORTICULTURAL PRODUCTION EXPENSES</b>		
All horticultural production expenses .....	23,221	940
.....operations		
.....\$1,000	10,997,042	537,359
Seeds, plants, vines, trees, etc. purchased .....	20,114	874
.....operations		
.....\$1,000	1,789,013	120,053
Containers purchased .....	14,692	667
.....operations		
.....\$1,000	573,656	39,698
Hired labor expenses, all .....	17,086	712
.....operations		
.....\$1,000	4,086,606	174,328
Gasoline, fuels, and oils purchased .....	22,207	924
.....operations		
.....\$1,000	562,895	30,986
All other production expenses <sup>1</sup> .....	11,517	550
.....operations		
.....\$1,000	542,804	24,661
<b>GREENHOUSE, NURSERY, AND OTHER HORTICULTURAL LABOR</b>		
Hired workers .....	17,086	712
.....operations		
.....workers	274,759	14,620

<sup>1</sup> Includes customwork, storage and warehousing, insurance premiums, etc. Excludes potting soils and growing media, fertilizer, lime, and soil conditioner, chemicals, contract labor, utilities, repairs, supplies, and maintenance costs, rent and lease expenses, interest paid on all debt, property taxes paid in 2014, marketing expenses, and packaging expenses.

**Value of Horticultural Specialty Crops Sold by Marketing Channels: 2014**

Item	United States	Michigan
Consumers (direct sales) ..... operations value (\$1,000)	15,406 2,119,414	675 115,039
Retail florists ..... operations value (\$1,000)	2,907 200,932	110 4,946
Retail garden centers/nurseries, excluding mass marketers ..... operations value (\$1,000)	7,605 2,360,602	345 108,228
Supermarkets/grocers ..... operations value (\$1,000)	3,025 1,047,659	122 38,274
Other mass marketers ..... operations value (\$1,000)	2,668 2,884,785	159 218,377
Interiorscapers ..... operations value (\$1,000)	1,523 65,702	48 966
Landscape contractors ..... operations value (\$1,000)	8,096 1,948,110	317 35,344
Wholesale florists ..... operations value (\$1,000)	2,631 538,711	96 10,186
Landscape redistribution yards ..... operations value (\$1,000)	3,029 673,231	139 19,653
Non-profit groups (fund raisers) ..... operations value (\$1,000)	3,255 92,316	161 5,169
Other marketing channels ..... operations value (\$1,000)	4,518 1,857,424	170 88,798

**Land Area Used for Horticultural Production: 2014**

Geographic area	Greenhouses		Shade structure area		Natural shade area		Area in the open	
	Operations	Area (1,000 sq ft)	Operations	Area (1,000 sq ft)	Operations	Acres	Operations	Acres
United States .....	14,593	894,907	4,058	429,708	1,804	5,404	12,927	497,339
Michigan .....	626	56,196	67	760	27	43	425	21,377

**Horticultural Specialty Operations and Sales by Legal Status for Tax Purposes: 2014**

Geographic area	Total		Family or individual		Partnership		Corporation		Other - cooperative, estate or trust, institutional, etc.	
	Operations	Value (\$1,000)	Operations	Value (\$1,000)	Operations	Value (\$1,000)	Operations	Value (\$1,000)	Operations	Value (\$1,000)
United States .....	23,221	13,789,048	12,193	1,968,588	1,873	1,140,653	8,736	10,541,841	419	137,966
Michigan .....	940	644,981	428	96,031	91	52,776	396	492,236	25	3,938