

## Horticulture

Michigan placed third nationally in value of wholesale sales of floriculture products in 2005. Only California and Florida reported larger sales than Michigan. Reports from Michigan's 696 commercial growers (\$10,000 or more in gross sales) showed an estimated wholesale value of \$384 million for all surveyed floriculture crops, virtually unchanged from last year's revised figure. This estimate includes summarized sales data as reported by growers with \$100,000 or more in sales plus a calculated wholesale value of sales for operations with sales from \$10,000 to \$99,999.

The leading crop category breakdowns for Michigan operations with more than \$100,000 in sales were:

First, annual bedding/garden plants with \$183 million in sales.

Second, propagative materials with \$82 million in sales.

Third, herbaceous perennial plants with \$53 million in sales.

Fourth, potted flowering plants with \$34 million in sales.

Michigan led the nation in value of sales for 13 crops:

- Potted Easter Lilies with 1.3 million pots sold, valued at \$4.6 million.
- Potted Spring Flowering Bulbs with 6.9 million pots sold, valued at \$8.7 million.
- Potted Geraniums (seed) with 15.9 million pots sold, valued at \$12.7 million.
- Potted Petunias with 2.5 million pots sold, valued at \$4.6 million.
- Potted New Guinea Impatiens with 4.8 million pots sold, valued at \$6.9 million.
- New Guinea Impatiens Hanging Baskets with 803,000 baskets sold, valued at \$5.0 million.
- Geranium Hanging Baskets (cuttings) with 716,000 baskets sold, valued at \$4.8 million.

- Impatiens Hanging Baskets with 550,000 sold, valued at \$2.8 million.
- Begonia Hanging Baskets with 434,000 baskets sold, valued at \$2.4 million.
- Petunia Hanging Baskets with 544,000 baskets sold, valued at \$3.0 million.
- Impatiens (flats) with 2.1 million flats sold, valued at \$15.3 million.
- New Guinea Impatiens (flats) with 78,000 flats sold, valued at \$832,000.
- Potted Geraniums (cuttings) with 4.9 million pots sold, valued at \$11.7 million.

Michigan crops that ranked second in value of sales nationally were:

- Potted Hardy/Garden Chrysanthemums 5.7 million pots sold, valued at \$11.2 million.
- Other Flowering Hanging Baskets with 2.1 million baskets sold, valued at \$12.7 million.
- Petunias (flats) with 1.6 million flats sold, valued at \$11.5 million.
- Begonias (flats) with 1.3 million flats sold, valued at \$9.7 million.
- Potted Hosta with 1.1 million pots sold, valued at \$3.4 million.
- Marigolds (flats) with 772,000 flats sold, valued at \$5.7 million.
- Pansy/Viola Hanging Baskets with 85,000 baskets sold, valued at \$408,000.
- Geranium (seed) Hanging Baskets with 68,000 baskets sold, valued at \$421,000.

**Floriculture crops: Number of growers by gross value of sales, 2001-2005**

Year	\$10,000-\$19,999	\$20,000-\$39,000	\$40,000-\$49,000	\$50,000-\$99,999	\$100,000-\$499,999	\$500,000 or more	Total growers
	Number	Number	Number	Number	Number	Number	Number
2001	57	83	47	161	239	121	708
2002	60	121	65	187	234	124	791
2003	58	96	47	188	220	134	743
2004	49	89	46	182	216	139	721
2005	46	94	41	174	202	139	696

**Floriculture crops: Growing area by type of cover, 2001-2005**

Year	Glass greenhouses	Fiberglass and other rigid greenhouses	Plastic film greenhouses	Total greenhouse cover	Shade and temporary cover	Total covered area	Open ground
	1,000 square feet	1,000 square feet	1,000 square feet	1,000 square feet	1,000 square feet	1,000 square feet	Acres
2001	4,706	3,876	31,902	40,484	1,141	41,625	3,235
2002	4,653	3,884	36,501	45,038	1,370	46,408	3,831
2003	4,657	4,191	37,424	46,272	1,569	47,841	3,237
2004	4,549	4,616	38,692	47,857	1,353	49,210	4,687
2005	4,332	4,614	36,891	45,837	1,180	47,017	4,957

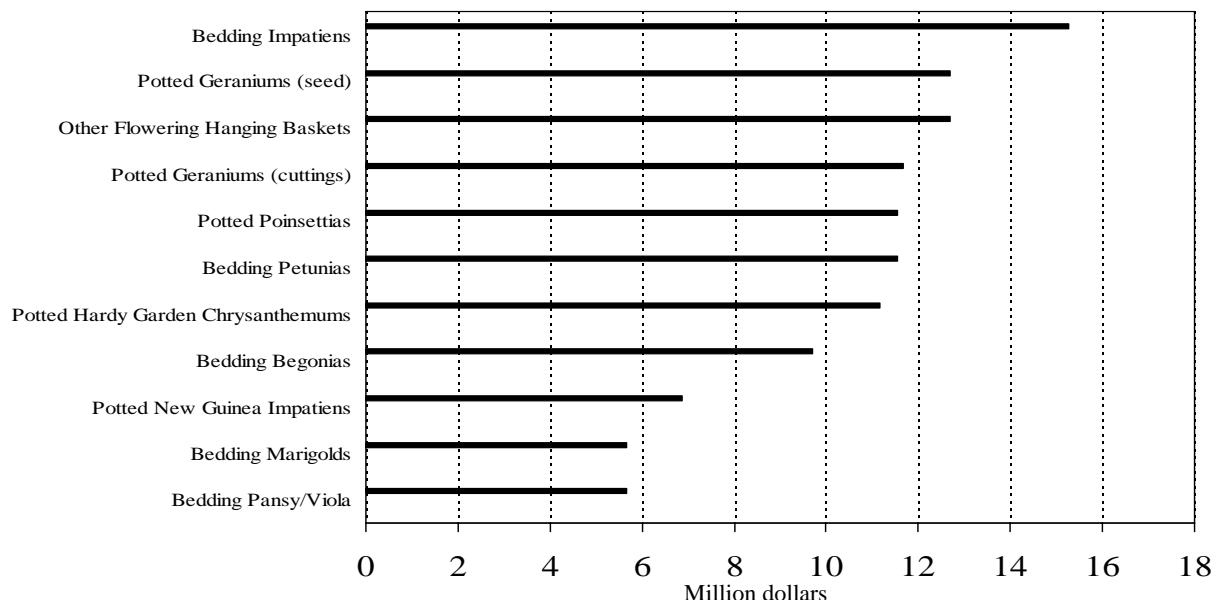
### Floriculture crops: Wholesale value of sales by category, 2001-2005

Year	Total cut flowers	Total potted flowering plants	Total foliage for indoor or patio use	Total bedding/garden plants	Total wholesale value of reported crops	Expanded wholesale value of reported crops <sup>1</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
2001	8,119	29,447	3,531	188,216	263,158	280,745
2002	8,299	30,736	3,699	217,773	306,271	326,778
2003	8,797	32,400	3,375	230,322	322,980	342,190
2004	8,711	32,074	4,152	238,508	365,897	384,655
2005	9,245	33,966	3,299	236,865	365,994	384,055

<sup>1</sup> Wholesale value of sales as reported by growers with \$100,000 or more in sales of floriculture crops plus a calculated wholesale value of sales for growers with sales below \$100,000. The value of sales for growers below the \$100,000 level was estimated by multiplying the number of growers in each size group by the midpoint of each dollar range.

### Selected Floriculture Crops, 2005

Value of Sales



**Bedding plants: Producers, quantity sold, price, and value, 2001-2005**

Item	Producers	Quantity sold	Percent of sales at wholesale	Wholesale price	Value of sales at wholesale
	Number	1,000 flats	Percent	Dollars	1,000 dollars
Begonias					
2001	209	1,025	86	7.06	7,237
2002	217	1,008	81	7.13	7,187
2003	227	1,026	82	6.66	6,833
2004	232	1,114	81	7.12	7,932
2005	224	1,349	86	7.18	9,686
Geraniums from cuttings					
2001	27	85	39	12.25	1,041
2002	21	76	33	12.55	954
2003	18	57	20	11.37	648
2004	16	67	33	15.24	1,021
2005	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Geraniums from seed					
2001	52	113	87	11.53	1,303
2002	47	105	89	10.56	1,109
2003	40	83	77	10.86	901
2004	32	73	74	11.41	833
2005	35	60	83	11.32	679
Impatiens					
2001	242	2,344	83	7.05	16,525
2002	224	2,372	88	7.40	17,553
2003	238	2,383	86	6.85	16,324
2004	235	2,302	86	7.01	16,137
2005	220	2,061	85	7.41	15,272
Marigolds					
2001	214	794	86	7.35	5,836
2002	219	731	90	7.39	5,402
2003	231	823	87	6.77	5,572
2004	234	814	87	7.08	5,763
2005	226	772	84	7.34	5,666
New Guinea Impatiens					
2001	40	99	83	11.17	1,106
2002	41	103	73	9.89	1,019
2003	28	137	80	7.86	1,077
2004	21	65	49	10.01	651
2005	23	78	84	10.67	832
Pansies/Violas					
2001	200	637	89	6.94	4,421
2002	208	821	91	7.34	6,026
2003	216	920	91	6.57	6,044
2004	218	882	91	6.77	5,971
2005	206	804	88	7.03	5,652
Petunias					
2001	259	1,484	86	7.03	10,433
2002	252	1,430	87	7.42	10,611
2003	252	1,641	85	6.85	11,241
2004	256	1,644	86	7.05	11,590
2005	247	1,556	85	7.41	11,530
Other flowering and foliar					
2001	243	3,985	86	6.91	27,536
2002	241	3,768	86	7.45	28,072
2003	244	4,403	85	6.85	30,161
2004	246	3,917	85	7.26	28,437
2005	241	3,672	85	7.67	28,164
Vegetables <sup>2</sup>					
2001	187	567	82	6.97	3,952
2002	186	585	83	7.12	4,165
2003	181	506	78	6.93	3,507
2004	186	569	80	7.33	4,171
2005	181	630	74	8.16	5,141

<sup>1</sup> Not published to avoid disclosure of individual operations.

<sup>2</sup> Does not include vegetable transplants grown for commercial use.

**Hanging baskets: Producers, quantity sold, price, and value, 2001-2005**

Item	Producers	Quantity sold	Percent of sales at wholesale	Wholesale price	Value of sales at wholesale
	Number	1,000 baskets	Percent	Dollars	1,000 dollars
Begonias					
2001	145	276	82	5.94	1,639
2002	148	350	83	5.84	2,044
2003	165	348	87	5.94	2,067
2004	165	394	86	5.78	2,277
2005	168	434	86	5.63	2,443
Geraniums from cuttings					
2001	199	399	75	6.76	2,697
2002	211	546	82	6.79	3,707
2003	222	826	84	6.53	5,394
2004	212	784	83	6.56	5,143
2005	212	716	81	6.69	4,790
Geraniums from seed					
2001	30	101	76	5.82	588
2002	28	53	91	6.54	347
2003	27	47	91	6.30	296
2004	25	59	95	5.75	339
2005	29	68	97	6.19	421
Impatiens					
2001	186	376	86	5.49	2,064
2002	180	453	88	5.43	2,460
2003	200	496	84	5.28	2,619
2004	198	472	82	5.23	2,469
2005	199	550	86	5.08	2,794
Marigolds					
2001	3	4	100	5.61	22
2002	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
2003	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
2004	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
2005	3	2	100	4.98	10
New Guinea Impatiens					
2001	219	586	83	6.50	3,809
2002	224	766	89	6.83	5,232
2003	224	770	87	6.75	5,198
2004	221	813	90	6.37	5,179
2005	217	803	90	6.22	4,995
Pansies/Violas					
2001	27	33	87	5.57	184
2002	33	51	93	5.54	283
2003	36	49	89	5.52	270
2004	30	46	86	5.24	241
2005	35	85	95	4.80	408
Petunias					
2001	168	236	79	5.66	1,336
2002	170	346	87	5.66	1,958
2003	196	469	85	5.80	2,720
2004	197	517	86	5.25	2,714
2005	192	544	83	5.49	2,987
Other flowering					
2001	177	1,164	82	6.21	7,228
2002	191	1,595	88	6.22	9,921
2003	197	1,780	86	5.91	10,520
2004	208	1,968	83	6.10	12,005
2005	203	2,095	84	6.05	12,675
Foliage					
2001	52	306	95	4.95	1,515
2002	58	323	95	5.02	1,621
2003	61	213	92	4.81	1,025
2004	65	430	93	4.42	1,901
2005	61	271	91	4.80	1,301

<sup>1</sup> Not published to avoid disclosure of individual operations.

Potted flowering and annual bedding plants: Producers, quantity sold, price, and value, 2001-2005

Item	Producers	Quantity sold			Percent of sales at wholesale	Wholesale price		Value of sales at wholesale
		Less than 5 inch pots	5 inch pots or larger	Total		Less than 5 inch pots	5 inch pots or larger	
Azaleas	Number	1,000 pots	1,000 pots	1,000 pots	Percent	Dollars	Dollars	1,000 dollars
2001	34	14	110	124	69	3.47	6.64	779
2002	28	( <sup>1</sup> )	94	94	87	( <sup>1</sup> )	7.29	685
2003	23	( <sup>1</sup> )	89	89	85	( <sup>1</sup> )	7.50	667
2004	24	( <sup>1</sup> )	93	93	87	( <sup>1</sup> )	7.82	727
2005	20	( <sup>1</sup> )	68	68	87	( <sup>1</sup> )	7.60	517
Begonias								
2001	69	577	38	615	61	1.26	3.01	841
2002	72	459	54	513	80	1.08	3.60	690
2003	87	563	145	708	90	1.51	2.55	1,220
2004	96	637	213	850	88	1.05	2.48	1,197
2005	91	542	119	661	90	1.11	3.40	1,006
Chrysanthemums, florist								
2001	46	162	647	809	64	1.48	3.78	2,685
2002	37	104	511	615	97	1.69	3.00	1,709
2003	31	49	465	514	98	1.62	2.61	1,293
2004	32	35	204	239	75	1.64	3.99	871
2005	24	28	262	290	89	1.71	5.99	1,617
Chrysanthemums, hardy garden								
2001	119	255	2,670	2,925	90	1.21	1.76	5,008
2002	127	227	3,611	3,838	94	1.29	1.69	6,395
2003	124	370	4,461	4,831	94	1.69	1.70	8,209
2004	134	929	4,746	5,675	95	1.50	2.02	10,980
2005	143	558	5,104	5,662	95	1.00	2.08	11,174
Easter Lilies								
2001	55	( <sup>1</sup> )	1,438	1,438	97	( <sup>1</sup> )	3.50	5,036
2002	48	146	1,282	1,428	97	2.75	3.52	4,914
2003	43	( <sup>1</sup> )	1,296	1,296	97	( <sup>1</sup> )	3.58	4,633
2004	38	91	1,290	1,381	97	1.72	3.66	4,878
2005	38	( <sup>1</sup> )	1,265	1,265	98	( <sup>1</sup> )	3.61	4,572
Geraniums from cuttings								
2001	217	3,101	1,422	4,523	70	1.71	2.52	8,886
2002	215	4,152	1,211	5,363	77	1.40	2.47	8,804
2003	223	3,574	1,333	4,907	69	1.73	3.30	10,582
2004	231	3,739	1,448	5,187	70	1.74	3.60	11,719
2005	211	3,629	1,262	4,891	69	1.79	4.10	11,670
Geraniums from seed								
2001	100	15,391	39	15,430	95	0.77	5.45	12,064
2002	98	16,156	10	16,166	98	0.81	3.46	13,121
2003	111	13,528	( <sup>1</sup> )	13,528	97	0.85	( <sup>1</sup> )	11,472
2004	109	16,726	( <sup>1</sup> )	16,726	98	0.81	( <sup>1</sup> )	13,565
2005	100	15,792	79	15,871	98	0.78	4.89	12,704
Impatiens								
2001	49	307	166	473	69	1.06	2.05	666
2002	46	309	123	432	95	0.96	1.85	524
2003	52	408	176	584	96	1.41	1.98	924
2004	63	732	353	1,085	94	0.91	2.03	1,383
2005	69	554	111	665	95	0.84	3.10	809
Marigolds								
2001	12	( <sup>1</sup> )	212	212	65	( <sup>1</sup> )	1.45	307
2002	14	71	22	93	98	0.84	1.93	102
2003	19	59	60	119	97	0.77	1.63	143
2004	28	113	171	284	98	0.85	1.84	411
2005	24	113	82	195	97	0.76	1.63	220
New Guinea Impatiens								
2001	178	2,753	307	3,060	90	1.23	3.12	4,344
2002	174	3,535	230	3,765	95	1.23	3.27	5,100
2003	179	3,845	357	4,202	92	1.28	3.90	6,314
2004	199	3,642	343	3,985	94	1.27	3.64	5,874
2005	181	4,252	532	4,784	95	1.25	2.94	6,879

See footnote(s) at end of table.

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**Potted flowering and annual bedding plants: Producers, quantity sold, price, and value, 2001-2005 (continued)**

Item	Producers	Quantity sold			Percent of sales at wholesale	Wholesale price		Value of sales at wholesale
		Less than 5 inch pots	5 inch pots or larger	Total		Less than 5 inch pots	5 inch pots or larger	
	Number	1,000 pots	1,000 pots	1,000 pots	Percent	Dollars	Dollars	1,000 dollars
Pansies/Violas								
2001	25	280	64	344	80	0.66	1.93	308
2002	31	576	141	717	98	0.68	2.59	757
2003	45	220	417	637	97	0.82	1.97	1,002
2004	50	873	235	1,108	98	0.46	2.17	912
2005	58	901	312	1,213	98	0.44	2.81	1,273
Petunias								
2001	49	360	243	603	56	1.12	2.16	928
2002	62	461	312	773	94	0.85	2.44	1,153
2003	76	619	803	1,422	92	1.49	1.99	2,520
2004	98	1,113	1,240	2,353	92	1.25	2.46	4,442
2005	91	1,142	1,325	2,467	93	0.89	2.70	4,594
Poinsettias								
2001	100	992	3,057	4,049	85	1.45	3.98	13,605
2002	93	915	2,847	3,762	90	1.60	4.12	13,194
2003	84	958	2,770	3,728	90	1.65	4.21	13,242
2004	86	841	2,696	3,537	93	1.83	4.18	12,808
2005	86	656	2,485	3,141	91	1.89	4.15	11,553
Roses, florist								
2001	17	52	55	107	95	2.69	4.23	373
2002	10	87	( <sup>1</sup> )	87	95	3.59	( <sup>1</sup> )	312
2003	9	( <sup>1</sup> )	64	64	94	( <sup>1</sup> )	3.61	231
2004	6	79	( <sup>1</sup> )	79	96	3.20	( <sup>1</sup> )	253
2005	12	( <sup>1</sup> )	54	54	89	( <sup>1</sup> )	3.86	209
Flowering bulbs								
2001	47	821	665	1,486	96	1.48	3.40	3,476
2002	49	666	1,467	2,133	99	1.52	3.29	5,839
2003	40	901	1,398	2,299	99	2.07	3.32	6,506
2004	41	751	1,531	2,282	98	1.46	3.21	6,011
2005	38	6,917	( <sup>1</sup> )	6,917	100	1.25	( <sup>1</sup> )	8,674
Other flowering plants								
2001	55	805	485	1,290	84	1.61	3.54	3,013
2002	60	977	455	1,432	87	1.58	4.31	3,505
2003	54	1,554	801	2,355	89	1.18	3.87	4,934
2004	58	1,500	468	1,968	84	1.80	4.21	4,670
2005	47	1,124	411	1,535	84	1.46	4.18	3,359
Other flowering and foliar type bedding plants								
2001	120	9,026	1,372	10,398	82	1.16	3.49	15,258
2002	125	10,294	2,805	13,099	95	1.07	3.12	19,766
2003	137	12,733	4,296	17,029	92	1.38	3.10	30,889
2004	147	16,780	3,068	19,848	91	1.01	3.21	26,796
2005	136	12,734	3,216	15,950	89	1.17	3.26	25,383
Vegetable type <sup>2</sup>								
2001	65	594	169	763	90	0.86	1.54	771
2002	73	1,066	164	1,230	93	0.69	2.16	1,090
2003	91	1,241	206	1,447	85	0.79	2.10	1,413
2004	93	3,129	343	3,472	94	0.54	1.97	2,365
2005	95	5,448	266	5,714	98	0.59	2.66	3,922

<sup>1</sup> Pot sizes have been combined into category with greatest production to avoid disclosure of individual operations.

<sup>2</sup> Does not include vegetable transplants grown for commercial use.

**Herbaceous perennials: Producers, quantity sold, price, and value, 2001-2005**

Item	Producers	Quantity sold				Percent of sales at wholesale	Wholesale price			Value of All sales at wholesale
		Less than 1 gallon	1 to 2 gallon	2 gallon and larger	Total		Less than 1 gallon	1 to 2 gallon	2 gallon and larger	
	<i>Number</i>	<i>1,000 pots</i>	<i>1,000 pots</i>	<i>1,000 pots</i>	<i>1,000 pots</i>	<i>percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Hosta										
2001	111	584	1,073	46	1,703	94	2.76	2.89	6.43	5,009
2002	115	936	907	47	1,890	92	2.50	3.68	6.22	5,970
2003	126	825	1,020	69	1,914	90	2.49	3.64	5.85	6,171
2004	124	676	711	94	1,481	88	2.01	3.58	5.26	4,399
2005	120	431	602	112	1,145	86	1.53	3.38	6.37	3,408
Other										
2001	136	13,890	5,110	317	19,317	94	1.25	3.06	5.90	34,869
2002	142	22,281	6,382	302	28,965	95	1.00	3.43	6.83	46,234
2003	153	15,220	5,377	356	20,953	92	1.11	3.53	6.12	38,054
2004	147	9,780	6,824	741	17,345	90	1.40	3.42	6.15	41,587
2005	146	13,964	5,906	306	20,176	92	1.09	3.54	9.11	38,916

**Nurseries: Number of operations and acres, by county  
and Michigan Department of Agriculture region, 1999-2004**

County and MDA region	Operations		Acres	
	1999	2004	1999	2004
Chippewa		3	3	30
Menominee	3	8	20	120
Other counties <sup>1</sup>	14	15	210	340
<b>Region 1</b>	17	26	230	490
Alcona	4	7	80	195
Alpena		8		95
Antrim	15	18	90	220
Benzie	3	9	10	20
Charlevoix	4	5	20	20
Cheboygan	6	9	25	45
Emmett	6	8	170	80
Grand Traverse	12	14	20	75
Kalkaska	7	5	170	10
Leelanau	9	19	45	100
Manistee	11	12	100	100
Missaukee	5	7	105	345
Wexford	6	7	20	25
Other counties <sup>1</sup>	8	8	35	50
<b>Region 2</b>	96	136	890	1,380
Ionia	9	13	95	100
Kent	41	46	360	345
Lake	3	4	135	10
Mason	12	12	310	315
Mecosta	4		45	
Montcalm	16	18	465	885
Muskegon	8	9	135	70
Newaygo	11	17	130	145
Oceana	9	6	95	85
Osceola	6		70	
Ottawa	81	93	4,800	4,115
Other counties <sup>1</sup>		5		170
<b>Region 3</b>	200	223	6,640	6,240
Arenac	4	5	25	15
Bay	8	15	135	170
Genesee	41	37	330	220
Huron	6	8	25	35
Iosco	3		10	
Isabella	10	11	195	190
Lapeer	31	34	385	365
Midland	6	6	15	25
Ogemaw	3		35	
Saginaw	26	25	270	220
Sanilac	12	11	300	310
Tuscola	6	11	30	85
Other counties <sup>1</sup>	5	12	45	65
<b>Region 4</b>	161	175	1,800	1,700

See footnote(s) at end of table.

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**Nurseries: Number of operations and acres, by county and  
Michigan Department of Agriculture region, 1999-2004 (continued)**

County and MDA region	Operations		Acres	
	1999	2004	1999	2004
Allegan	50	60	2,440	3,240
Barry	5	8	30	20
Berrien	59	53	860	810
Branch	3	7	5	370
Calhoun	21	20	170	130
Cass	16	17	75	170
Kalamazoo	28	34	200	230
St. Joseph	11	13	60	500
Van Buren	33	26	610	470
<b>Region 5</b>	<b>226</b>	<b>238</b>	<b>4,450</b>	<b>5,940</b>
Clinton	25	31	245	230
Eaton	22	26	225	220
Gratiot	6	5	25	15
Hillsdale	8	4	15	15
Ingham	25	40	415	880
Jackson	17	27	260	270
Lenawee	14	22	130	160
Livingston	43	44	640	630
Shiawassee	14	15	95	340
Washtenaw	49	56	400	370
<b>Region 6</b>	<b>223</b>	<b>270</b>	<b>2,450</b>	<b>3,130</b>
Macomb	28	27	435	550
Monroe	33	42	625	360
Oakland	54	50	300	390
St. Clair	21	22	325	210
Wayne	26	26	155	210
<b>Region 7</b>	<b>162</b>	<b>167</b>	<b>1,840</b>	<b>1,720</b>
<b>Michigan</b>	<b>1,085</b>	<sup>2</sup> <b>1,235</b>	<b>18,300</b>	<b>20,600</b>

<sup>1</sup> Not published separately to avoid disclosure of individual operations.

<sup>2</sup> Includes 18 operations which produced only propagative materials.

**Christmas trees: Number of operations and acres,  
by county and Michigan Department of Agriculture region**

County and MDA region	Operations			Acres		
	1997	2000	2005	1997	2000	2005
Chippewa	6	4	8	270	170	150
Delta	17	15	14	800	820	670
Dickinson	14	9	6	500	240	120
Luce	5	3		160	110	
Marquette	3	4	4	130	100	60
Menominee	31	36	35	1,600	1,800	1,400
Other counties <sup>1</sup>	9	9	13	740	760	600
<b>Region 1</b>	<b>85</b>	<b>80</b>	<b>80</b>	<b>4,200</b>	<b>4,000</b>	<b>3,000</b>
Alcona	8	5	7	360	280	350
Alpena	8	8	8	350	200	150
Antrim	16	17	16	2,000	1,200	1,050
Benzie	12	12	6	630	600	250
Cheboygan	21	18	15	1,100	1,000	750
Emmett	9	6	5	180	130	120
Grand Traverse	18	16	13	1,550	1,100	550
Kalkaska	35	27	15	5,100	3,300	1,650
Leelanau	17	13	13	520	370	380
Manistee	24	27	25	2,700	2,600	1,900
Missaukee	53	40	48	7,500	6,500	7,200
Otsego	9	5	4	220	60	90
Presque Isle	5	7	4	210	210	170
Wexford	47	41	36	8,500	7,300	3,800
Other counties <sup>1</sup>	3	3	5	80	50	90
<b>Region 2</b>	<b>285</b>	<b>245</b>	<b>220</b>	<b>31,000</b>	<b>24,900</b>	<b>18,500</b>
Kent	11	8	9	800	570	370
Lake	7	6	6	700	530	250
Mason	13	15	14	800	850	650
Mecosta	20	6	10	1,400	650	350
Montcalm	24	25	22	4,500	3,400	2,600
Muskegon	13	12	11	450	350	220
Newaygo	24	14	14	2,300	1,400	1,200
Oceana	74	55	40	6,000	4,500	4,000
Ottawa	25	16	12	1,100	450	310
Other counties <sup>1</sup>	29	28	22	3,450	2,700	1,350
<b>Region 3</b>	<b>240</b>	<b>185</b>	<b>160</b>	<b>21,500</b>	<b>15,400</b>	<b>11,300</b>
Arenac	4	7	5	230	160	110
Clare	7	3	4	300	120	80
Genesee	11	12	11	180	200	170
Gladwin	4	4	5	130	130	140
Iosco	8	7		200	110	
Isabella	23	14	12	750	400	430
Lapeer	12	11	10	250	200	250
Midland	4	5	9	160	150	190
Saginaw	15	14	12	380	350	340
Sanilac	8	6	6	360	360	350
Tuscola	12	9	6	600	260	190
Other counties <sup>1</sup>	12	8	15	260	260	200
<b>Region 4</b>	<b>120</b>	<b>100</b>	<b>95</b>	<b>3,800</b>	<b>2,700</b>	<b>2,450</b>

See footnote(s) at end of table.

**Christmas trees: Number of operations and acres, by county  
and Michigan Department of Agriculture region (continued)**

County and MDA region	Operations			Acres		
	1997	2000	2005	1997	2000	2005
Allegan	21	29	21	2,900	2,500	1,900
Berrien	19	14	14	300	170	180
Calhoun	10	13	12	290	220	200
Cass	6	4	7	160	100	260
Kalamazoo	10	9	7	280	210	130
Van Buren	16	17	12	700	750	800
Other counties <sup>1</sup>	13	4	12	270	100	230
<b>Region 5</b>	<b>95</b>	<b>90</b>	<b>85</b>	<b>4,900</b>	<b>4,050</b>	<b>3,700</b>
Clinton	12	8	13	280	160	240
Eaton	14	15	14	240	270	260
Hillsdale	8	6	5	270	250	190
Ingham	13	13	14	280	310	340
Jackson	18	19	16	500	370	360
Livingston	15	13	11	310	290	210
Shiawassee	5	3	4	130	50	100
Washtenaw	10	10	11	350	250	250
Other counties <sup>1</sup>	5	5	3	90	50	50
<b>Region 6</b>	<b>100</b>	<b>92</b>	<b>91</b>	<b>2,450</b>	<b>2,000</b>	<b>2,000</b>
Monroe	6	5	11	140	130	210
Oakland	16	15	16	310	270	320
St. Clair	9	9	14	380	410	390
Other counties <sup>1</sup>	14	9	8	320	140	130
<b>Region 7</b>	<b>45</b>	<b>38</b>	<b>49</b>	<b>1,150</b>	<b>950</b>	<b>1,050</b>
<b>Michigan</b>	<b>970</b>	<b>830</b>	<b>780</b>	<b>69,000</b>	<b>54,000</b>	<b>42,000</b>

<sup>1</sup> Not published separately to avoid disclosure of individual operators.