

Apples

Apples: Number of farms and acres by county and district

County and district	Farms				Acres			
	2006	2011	2014	2018	2006	2011	2014	2018
Antrim ¹	42	36	39	39	650	670	670	680
Benzie	19	18	15	13	750	690	680	650
Grand Traverse	39	39	40	40	700	650	700	700
Leelanau	57	53	50	48	1,350	1,150	1,100	950
Manistee	19	18	14	15	550	640	550	520
Northwest	176	164	158	155	4,000	3,800	3,700	3,500
Ionia	10	9	7	8	620	550	450	350
Kent	91	82	86	76	8,150	8,400	8,600	8,550
Mason	23	19	19	20	1,450	1,450	1,450	1,500
Montcalm, Mecosta	9	6	9	9	730	750	650	500
Muskegon	14	11	9	9	2,300	2,700	2,600	2,700
Newaygo	13	12	13	17	1,500	1,500	1,500	1,600
Oceana	67	63	61	57	3,250	3,500	3,450	3,600
Ottawa	41	39	37	34	3,500	3,350	3,500	3,400
West Central	268	241	241	230	21,500	22,200	22,200	22,200
Allegan	32	23	22	21	600	630	650	650
Berrien	143	123	109	96	4,200	3,900	3,500	3,100
Cass, Kalamazoo	21	22	24	23	700	670	600	550
Van Buren	56	47	41	39	3,300	2,900	2,550	2,250
Southwest	252	215	196	179	8,800	8,100	7,300	6,550
North ²	52	56	65	61	230	190	200	190
Saginaw Bay ³	23	18	19	16	130	120	100	85
Central ⁴	34	22	22	21	270	210	190	200
West Thumb ⁵	26	21	17	16	480	480	440	430
East Thumb ⁶	44	33	32	28	660	530	540	515
South Central ⁷	22	23	27	23	290	230	190	180
Southeast ⁸	53	47	48	46	640	640	640	650
East	254	220	230	211	2,700	2,400	2,300	2,250
Michigan	950	840	825	775	37,000	36,500	35,500	34,500

¹ Includes Charlevoix, Cheboygan, and Emmet.

² North: Upper Peninsula, North Central and Northeast Lower Peninsula.

³ Saginaw Bay: Bay, Huron, Midland, Saginaw, Tuscola.

⁴ Central: Barry, Clinton, Eaton, Gratiot, Ingham, Isabella, Shiawassee.

⁵ West Thumb: Genesee, Livingston, Oakland.

⁶ East Thumb: Lapeer, Macomb, Sanilac, St. Clair.

⁷ South Central: Branch, Calhoun, Hillsdale, Jackson, St. Joseph.

⁸ Southeast: Lenawee, Monroe, Washtenaw, Wayne.

Apples: Acres by variety and year planted

Year planted	Empire	Fuji-early	Fuji-late	Gala	Golden Delicious
1984 and before	295	0	1	25	610
1985-1989	290	3	2	175	415
1990-1994	480	3	190	440	600
1995-1999	69	0	140	825	725
2000-2004	33	6	65	825	360
2005-2009	97	105	380	1,000	260
2010-2014	33	72	470	1,410	52
2015					
2016					
2017					
2018					
Michigan	1,300	375	1,850	5,870	3,060
	Honeycrisp	Idared	Jonagold	Jonathan	McIntosh
1984 and before	1	910	28	430	340
1985-1989	7	210	45	190	190
1990-1994	62	235	350	215	230
1995-1999	405	275	250	220	94
2000-2004	605	195	155	195	300
2005-2009	1,130	110	440	140	470
2010-2014	910	155	720	60	225
2015					
2016					
2017					
2018					
Michigan	4,460	2,140	2,110	1,460	1,950

Apples: Acres by variety and year planted (continued)

Year planted	Northern Spy	Paula Red	Red Delicious	Rome	Sweetango	Other	Michigan
1984 and before	370	110	905	655	0	440	5,120
1985-1989	135	28	725	180	0	165	2,760
1990-1994	130	20	610	195	0	310	4,070
1995-1999	130	22	850	115	0	570	4,690
2000-2004	88	59	555	14	0	185	3,640
2005-2009	37	66	205	40	265	175	4,920
2010-2014	5	20	310	3	135	320	4,900
2015							840
2016							1,290
2017							1,180
2018							1,090
Michigan	900	335	4,260	1,230	460	2,740	34,500

Apples: Trees by variety and year planted

Year planted	Empire	Fuji-early	Fuji-late	Gala	Golden Delicious
1984 and before	47,600	0	200	4,900	81,500
1985-1989	47,400	500	400	37,600	75,300
1990-1994	107,000	1,200	71,900	139,000	165,000
1995-1999	16,300	0	56,700	334,000	203,000
2000-2004	8,000	2,500	25,300	323,000	101,000
2005-2009	27,300	46,500	174,000	449,000	92,000
2010-2014	9,300	34,400	317,000	968,000	18,300
2015					
2016					
2017					
2018					
Michigan	265,000	251,000	1,325,000	3,410,000	768,000
	Honeycrisp	Idared	Jonagold	Jonathan	McIntosh
1984 and before	200	128,000	4,400	56,200	52,000
1985-1989	1,400	34,400	9,100	30,700	34,300
1990-1994	17,400	40,600	120,000	52,000	51,500
1995-1999	133,000	62,800	85,700	60,800	22,300
2000-2004	220,000	43,200	42,000	56,300	115,000
2005-2009	529,000	31,500	182,000	57,700	209,000
2010-2014	839,000	63,200	454,000	20,500	149,000
2015					
2016					
2017					
2018					
Michigan	3,160,000	424,000	989,000	339,000	704,000

Apples: Trees by variety and year planted (continued)

Year planted	Northern Spy	Paula Red	Red Delicious	Rome	Sweetango	Other	Michigan
1984 and before	45,700	15,600	138,000	85,400	0	53,300	713,000
1985-1989	19,800	4,900	138,000	25,800	0	30,400	490,000
1990-1994	19,000	6,500	171,000	45,100	0	72,800	1,080,000
1995-1999	23,900	7,400	260,000	22,600	0	166,500	1,455,000
2000-2004	21,500	19,000	173,000	4,500	0	53,700	1,208,000
2005-2009	13,500	25,500	69,100	10,700	190,000	70,200	2,177,000
2010-2014	2,500	9,100	160,000	700	98,000	251,000	3,394,000
2015							745,000
2016							1,337,000
2017							1,181,000
2018							1,170,000
Michigan	149,000	94,000	1,200,000	216,000	356,000	1,300,000	14,950,000

Apples: Acres and trees by district and variety

Variety	Northwest, Mason-Oceana		Grand Rapids ¹	
	Acres	Trees	Acres	Trees
Braeburn	C	C	75	38,400
Cortland	65	12,600	115	31,600
Empire	360	57,900	520	121,000
Evercrisp	C	C	85	88,500
Fuji--early season	100	63,400	160	127,000
Fuji--main season	65	30,000	1,460	1,085,000
Gala	740	329,000	3,720	2,415,000
Ginger Gold	95	18,600	125	70,000
Golden Delicious	650	109,000	1,195	368,000
Honeycrisp	1,210	720,000	2,730	2,175,000
Idared	1,320	216,000	555	157,000
Jonagold	735	259,000	1,010	593,000
Jonathan	320	53,000	575	171,000
McIntosh	590	144,000	1,030	485,000
Mutsu	190	27,700	C	C
Northern Spy	640	87,800	140	38,500
Paula Red	35	7,100	200	70,500
Pink Lady	C	C	190	245,000
Red Delicious	545	98,000	2,070	614,000
R I Greening	110	11,200	C	C
Rome	315	50,000	550	107,000
Sweetango	250	216,000	155	92,500
Other	210	98,500	420	303,000
Total	8,600	2,650,000	17,100	9,400,000

Variety	Southwest, East		Michigan	
	Acres	Trees	Acres	Trees
Braeburn	C	C	120	52,000
Cortland	85	16,800	265	61,000
Empire	420	86,100	1,300	265,000
Evercrisp	C	C	140	135,000
Fuji--early season	115	60,600	375	251,000
Fuji--main season	325	210,000	1,850	1,325,000
Gala	1,410	666,000	5,870	3,410,000
Ginger Gold	45	10,400	265	99,000
Golden Delicious	1,215	291,000	3,060	768,000
Honeycrisp	520	265,000	4,460	3,160,000
Idared	265	51,000	2,140	424,000
Jonagold	365	137,000	2,110	989,000
Jonathan	565	115,000	1,460	339,000
McIntosh	330	75,000	1,950	704,000
Mutsu	C	C	320	50,000
Northern Spy	120	22,700	900	149,000
Paula Red	100	16,400	335	94,000
Pink Lady	C	C	250	293,000
Red Delicious	1,645	488,000	4,260	1,200,000
R I Greening	C	C	115	12,000
Rome	365	59,000	1,230	216,000
Sweetango	55	47,500	460	356,000
Other	635	196,500	1,265	598,000
Total	8,800	2,900,000	34,500	14,950,000

¹ Ionia, Kent, Montcalm, Mecosta, Muskegon, Newaygo, and Ottawa Counties.

⁰ (C) Confided for confidentiality.

Apples: Acres by district and year planted

Year planted	Northwest, Mason-Oceana	Grand Rapids ¹	Southwest, East	Michigan
1984 and before	1,920	1,430	1,770	5,120
1985-1989	880	1,010	870	2,760
1990-1994	990	1,920	1,160	4,070
1995-1999	1,110	2,200	1,380	4,690
2000-2004	900	1,740	1,000	3,640
2005-2009	930	3,020	970	4,920
2010-2014	1,080	2,960	860	4,900
2015	170	470	200	840
2016	180	885	225	1,290
2017	130	815	235	1,180
2018	310	650	130	1,090
Total	8,600	17,100	8,800	34,500

¹ Ionia, Kent, Montcalm, Mecosta, Muskegon, Newaygo, and Ottawa Counties.

Apples: Trees by district and year planted

Year planted	Northwest, Mason-Oceana	Grand Rapids ¹	Southwest, East	Michigan
1984 and before	257,000	216,000	240,000	713,000
1985-1989	142,000	203,000	145,000	490,000
1990-1994	167,000	613,000	300,000	1,080,000
1995-1999	230,000	800,000	425,000	1,455,000
2000-2004	198,000	700,000	310,000	1,208,000
2005-2009	367,000	1,440,000	370,000	2,177,000
2010-2014	564,000	2,355,000	475,000	3,394,000
2015	149,000	470,000	126,000	745,000
2016	161,000	978,000	198,000	1,337,000
2017	100,000	883,000	198,000	1,181,000
2018	315,000	742,000	113,000	1,170,000
Total	2,650,000	9,400,000	2,900,000	14,950,000

¹ Ionia, Kent, Montcalm, Mecosta, Muskegon, Newaygo, and Ottawa Counties.

**Apples: Acres and trees planted
by variety, 2015-2018**

Variety	Acres	Trees
Evercrisp	136	130,000
Fuji (early)	186	165,900
Fuji (late)	602	679,500
Gala	1,170	1,154,500
Golden Delicious	38	31,900
Honeycrisp	1,340	1,420,000
Idared	50	20,300
Jonagold	122	91,800
McIntosh	101	70,900
Pink Lady	165	208,500
Red Delicious	100	90,900
Smitten	102	126,000
Sweetango	60	68,000
Other	228	174,800
Michigan	4,400	4,433,000

Apples: Acres by rootstock and variety, 2018

Variety	111	106	7 (VII)	26	9 (IX)	Bud 118
Braeburn	16	7	27	37	18	1
Cortland	53	44	44	52	22	4
Empire	265	240	370	180	56	10
Evercrisp	0	1	0	14	19	8
Fuji--early season	28	32	35	36	20	26
Fuji--late season	90	90	49	165	680	26
Gala	210	625	390	595	1,605	170
Ginger Gold	41	41	11	33	45	4
Golden Delicious	595	685	500	390	255	17
Honeycrisp	170	530	180	390	1,150	260
Idared	500	580	310	89	88	43
Jonagold	165	270	285	180	455	120
Jonathan	280	345	215	120	160	8
McIntosh	355	285	255	245	295	30
Mutsu	75	75	55	35	8	0
Northern Spy	95	255	240	83	9	0
Paula Red	31	85	37	22	47	7
Pink Lady	0	1	15	11	36	8
Red Delicious	0	32	8	3	0	0
R I Greening	850	1,060	790	960	87	33
Rome	405	270	225	60	30	0
Sweetango	11	67	9	100	65	5
Other	165	180	150	100	150	20
Michigan	4,400	5,800	4,200	3,900	5,300	800
	Bud 9	Geneva 11	Nic 29	Other	Unknown	Michigan
Braeburn	1	0	0	8	5	120
Cortland	7	0	0	17	22	265
Empire	28	6	0	60	85	1,300
Evercrisp	9	12	15	54	8	140
Fuji--early season	58	6	51	40	43	375
Fuji--late season	195	130	155	165	105	1,850
Gala	485	275	435	710	370	5,870
Ginger Gold	10	8	7	25	40	265
Golden Delicious	83	0	25	235	275	3,060
Honeycrisp	355	135	460	530	300	4,460
Idared	34	16	0	130	350	2,140
Jonagold	165	29	86	215	140	2,110
Jonathan	35	0	17	165	115	1,460
McIntosh	73	7	115	130	160	1,950
Mutsu	2	0	0	4	66	320
Northern Spy	15	0	0	88	115	900
Paula Red	20	4	12	22	48	335
Pink Lady	21	13	66	70	9	250
Red Delicious	0	0	0	57	15	115
R I Greening	65	0	15	155	245	4,260
Rome	3	0	0	170	67	1,230
Sweetango	40	5	26	130	2	460
Other	96	4	115	120	165	1,265
Michigan	1,800	650	1,600	3,300	2,750	34,500

Apples: Acres and trees by district and rootstock, 2018

Rootstock	Northwest, Mason-Oceana		Grand Rapids ¹	
	Acres	Trees	Acres	Trees
111	1,530	242,000	1,580	505,000
106	2,300	481,000	1,570	439,000
7 (VII)	1,070	188,000	1,720	462,000
26	580	224,000	2,520	998,000
9 (IX)	270	159,000	4,460	3,110,000
Bud 118	460	128,000	210	82,000
Bud 9	285	253,000	930	710,000
Geneva 11	35	28,000	470	523,000
Nic 29	175	204,000	1,280	1,245,000
Other	900	495,000	1,190	804,000
Unknown	995	248,000	1,170	522,000
Total	8,600	2,650,000	17,100	9,400,000

Rootstock	Southwest, East		Michigan	
	Acres	Trees	Acres	Trees
111	1,290	203,000	4,400	950,000
106	1,930	400,000	5,800	1,320,000
7 (VII)	1,410	255,000	4,200	905,000
26	800	288,000	3,900	1,510,000
9 (IX)	570	326,000	5,300	3,595,000
Bud 118	130	35,000	800	245,000
Bud 9	585	407,000	1,800	1,370,000
Geneva 11	145	169,000	650	720,000
Nic 29	145	121,000	1,600	1,570,000
Other	1,210	561,000	3,300	1,860,000
Unknown	585	135,000	2,750	905,000
Total	8,800	2,900,000	34,500	14,950,000

¹ Ionia, Kent, Montcalm, Mecosta, Muskegon, Newaygo, and Ottawa Counties.

**Apples: Number of farms and acres with 500
or more trees per acre by size group, 2018**

High density size group	High density ¹		Super high density ²		Total	
	Farms	Acres	Farms	Acres	Farms	Acres
Less than 1 acre	40	15	13	5	38	20
1-4.9 acres	44	95	40	105	59	200
5-9.9 acres	32	230	15	110	28	340
10-24.9 acres	46	750	34	530	56	1,280
25-49.9 acres	29	990	25	930	37	1,920
50 acres or more	44	4,870	23	2,420	61	7,290
Michigan	235	6,950	150	4,100	279	11,050

¹ 500-999 trees per acre.

² 1,000 or more trees per acre.

**Apples: Number of farms and acres with 500
or more trees per acre by district, 2018**

District	High density ¹		Super high density ²		Total	
	Farms	Acres	Farms	Acres	Farms	Acres
Northwest and Mason-Oceana	60	710	43	680	81	1,390
Grand Rapids	100	5,040	72	2,840	110	7,880
Southwest and East	75	1,200	35	580	88	1,780
Michigan	235	6,950	150	4,100	279	11,050

¹ 500-999 trees per acre.

² 1,000 or more trees per acre.

Apples: Number of farms and acres by size group

Size group	Farms				Acres			
	2006	2011	2014	2018	2006	2011	2014	2018
1-9 acres	415	375	388	357	1,500	1,300	1,300	1,200
10-29 acres	231	189	168	155	4,100	3,300	3,000	2,700
30-99 acres	213	169	171	163	12,000	9,400	9,700	9,200
100-199 acres	62	71	64	64	8,400	9,500	9,100	8,800
200 or more acres	29	36	34	36	11,000	13,000	12,400	12,600
Michigan	950	840	825	775	37,000	36,500	35,500	34,500

Apples: Acres and percent of total by variety

Variety	2006		2011		2014		2018	
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent
Cortland	420	1.1	345	0.9	300	0.8	265	0.8
Empire	2,080	5.6	1,730	4.7	1,530	4.3	1,300	3.8
Fuji (all seasons)	670	1.8	1,240	3.4	1,500	4.2	2,225	6.4
Gala	2,800	7.6	3,950	10.8	4,800	13.5	5,870	17.0
Ginger Gold	260	0.7	280	0.8	310	0.9	265	0.8
Golden Delicious	4,600	12.4	4,100	11.2	3,500	9.9	3,060	8.9
Honeycrisp	1,350	3.6	2,250	6.2	3,150	8.9	4,460	12.9
Idared	3,050	8.2	2,800	7.7	2,450	6.9	2,140	6.2
Jonagold	1,120	3.0	1,800	4.9	2,160	6.1	2,110	6.1
Jonathan	3,250	8.8	2,600	7.1	2,200	6.2	1,460	4.2
McIntosh	2,230	6.0	2,470	6.8	2,300	6.5	1,950	5.7
Mutsu	520	1.4	435	1.2	370	1.0	320	0.9
Northern Spy	1,900	5.1	1,470	4.0	1,200	3.4	900	2.6
Paula Red	560	1.5	540	1.5	500	1.4	335	1.0
Pink Lady	(¹)		(¹)		(¹)		250	0.7
Red Delicious	7,700	20.8	6,600	18.1	5,550	15.6	4,260	12.3
Rome	2,650	7.2	1,970	5.4	1,600	4.5	1,230	3.6
Sweetango	(¹)		240	0.7	405	1.1	460	1.3
Other	1,840	5.0	1,680	4.6	1,675	4.7	1,640	4.8
Michigan	37,000	100.0	36,500	100.0	35,500	100.0	34,500	100.0

¹ Not yet planted or included in other.

Apples: Acres and trees of other varieties grown, 2018

Variety	Acres	Trees	Variety	Acres	Trees
Blondee	21	12,300	Melrose	5	1,200
Cameo	50	26,100	Pinata	20	12,200
Crimson Crisp	28	24,000	Pristine	5	1,600
Early Gold	21	3,700	Redfree	14	2,800
Elstar	6	1,600	Smitten	102	126,000
Fortune	13	2,500	Snow Sweet	8	2,300
Gold Rush	12	3,100	Spartan	45	14,900
Golden Russet	9	3,000	Transparent	9	1,100
Golden Supreme	101	28,000	Winesap	110	21,000
Granny Smith	53	17,700	Winter Banana	24	4,900
Jerseymac	5	1,100	Wolf River	8	700
Jonafree	11	1,400	Zestar	52	27,000
Jonamac	110	42,000	Other	395	198,000
Liberty	7	1,000			
Lodi	14	2,200	Michigan	1,265	585,000
Macoun	7	1,600			

**Apples: Acres and trees-other
rootstocks, 2018**

Rootstock	Acres	Trees
Geneva 16	145	82,000
Geneva 30	275	114,000
Geneva 41	450	539,000
Geneva 235	280	331,000
Interstem	130	32,000
Mark	610	238,000
Seedling	740	64,000
Other	670	460,000
Michigan	3,300	1,860,000