

Table 41. Land Use Practices: 2017 and 2012

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

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	
Land drained by tile farms, 2017	12,704	23	-	305	41	18	
	2012	13,140	18	341	39	34	
	acres, 2017	3,029,891	2,754	-	47,420	3,620	535
Average per farm acres, 2017	2,583,727	3,090	(D)	40,574	2,415	1,370	
	2012	238	120	155	88	30	
	2012	197	172	(D)	119	62	40
Land artificially drained by ditches farms, 2017	8,363	34	3	248	25	12	
	2012	9,545	30	2	300	61	6
	acres, 2017	1,055,439	1,085	3	28,611	940	250
Average per farm acres, 2017	1,212,253	1,495	(D)	32,348	2,798	164	
	2012	126	32	1	115	38	21
	2012	127	50	(D)	108	46	27
Land under conservation easement farms, 2017	974	-	4	21	1	5	
	2012	1,993	3	-	7	10	
	acres, 2017	72,425	-	20	807	(D)	642
Average per farm acres, 2017	125,856	235	-	1,313	237	706	
	2012	74	-	5	38	(D)	128
	2012	63	78	-	53	34	71
Cropland on which no-till practices were used farms, 2017	8,174	15	26	213	24	44	
	2012	8,015	13	9	176	49	22
	acres, 2017	1,566,334	820	365	33,185	5,364	2,571
Average per farm acres, 2017	1,518,492	1,571	836	49,121	5,615	1,418	
	2012	192	55	14	156	224	58
	2012	189	121	93	279	115	64
Cropland on which reduced tillage, excluding no-till, practices were used (see text) farms, 2017	7,720	9	6	235	34	37	
	2012	6,333	8	5	180	31	26
	acres, 2017	2,297,131	2,933	105	73,454	9,074	3,361
Average per farm acres, 2017	1,775,246	3,456	44	67,928	4,778	3,120	
	2012	298	326	18	313	267	91
	2012	280	432	9	377	154	120
Cropland on which intensive tillage practices were used (see text) farms, 2017	11,727	57	20	258	116	80	
	2012	15,943	62	18	379	153	103
	acres, 2017	2,343,703	6,689	1,037	46,397	7,944	4,164
Average per farm acres, 2017	2,595,097	4,134	726	65,678	9,017	5,589	
	2012	200	117	52	180	68	52
	2012	163	67	40	173	59	54
Cropland planted to a cover crop (excluding CRP) farms, 2017	6,275	23	28	159	51	67	
	2012	5,530	30	9	159	69	69
	acres, 2017	673,205	786	240	15,899	1,050	1,683
Average per farm acres, 2017	437,200	984	65	10,565	2,389	2,500	
	2012	107	34	9	100	21	25
	2012	79	33	7	66	35	36

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Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Land drained by tilefarms, 2017	161	2	141	445	1	193
	136	2	145	453	3	282
	46,375	(D)	24,078	154,009	(D)	22,167
Average per farmacres, 2017	37,566	(D)	20,944	120,872	123	21,657
	288	(D)	171	346	(D)	115
	2012	276	(D)	144	267	41
Land artificially drained by ditchesfarms, 2017	131	8	68	229	2	133
	100	12	67	280	3	168
	9,527	767	9,523	31,884	(D)	6,481
Average per farmacres, 2017	7,923	606	6,458	31,715	100	11,240
	73	96	140	139	(D)	49
	2012	79	51	96	113	33
Land under conservation easementfarms, 2017	22	1	22	10	2	5
	47	-	36	60	3	22
	864	(D)	1,648	324	(D)	51
Average per farmacres, 2017	1,360	-	2,441	1,852	443	444
	39	(D)	75	32	(D)	10
	2012	29	-	68	31	148
Cropland on which no-till practices were usedfarms, 2017	29	6	148	84	26	209
	27	4	126	70	20	183
	3,541	782	35,781	7,428	404	51,551
Average per farmacres, 2017	3,298	592	27,669	7,564	302	39,354
	122	130	242	88	16	247
	2012	122	148	220	108	15
Cropland on which reduced tillage, excluding no-till, practices were used (see text)farms, 2017	50	4	127	149	18	127
	46	1	111	122	13	109
	25,707	20	31,107	62,765	1,239	27,450
Average per farmacres, 2017	14,487	(D)	34,144	50,940	1,053	26,880
	514	5	245	421	69	216
	2012	315	(D)	308	418	81
Cropland on which intensive tillage practices were used (see text)farms, 2017	126	23	146	369	28	175
	141	28	214	412	46	336
	27,268	3,295	19,008	108,554	775	18,386
Average per farmacres, 2017	29,184	2,652	22,666	102,939	1,610	31,048
	216	143	130	294	28	105
	2012	207	95	106	250	35
Cropland planted to a cover crop (excluding CRP)farms, 2017	53	7	72	128	42	126
	38	9	80	118	41	142
	2,968	(D)	8,056	28,743	653	8,385
Average per farmacres, 2017	3,137	415	7,886	11,654	535	7,113
	56	(D)	112	225	16	67
	2012	83	46	99	99	13

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Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa
Land drained by tile	farms, 2017	196	119	46	8	11
	2012	237	127	49	15	7
	acres, 2017	46,169	14,376	4,846	331	1,048
Average per farm	2012	35,716	11,920	3,489	761	506
	acres, 2017	236	121	105	41	95
	2012	151	94	71	51	72
Land artificially drained by ditches	farms, 2017	147	161	53	4	34
	2012	188	164	55	14	35
	acres, 2017	16,865	10,555	5,046	144	1,882
Average per farm	2012	13,175	11,256	3,488	203	2,200
	acres, 2017	115	66	95	36	55
	2012	70	69	63	15	63
Land under conservation easement	farms, 2017	6	17	5	13	2
	2012	37	46	13	16	6
	acres, 2017	116	713	(D)	1,216	(D)
Average per farm	2012	1,319	3,098	788	1,505	841
	acres, 2017	19	42	(D)	94	(D)
	2012	36	67	61	94	140
Cropland on which no-till practices were used	farms, 2017	163	252	197	20	14
	2012	208	263	190	27	4
	acres, 2017	47,845	82,140	50,565	764	1,048
Average per farm	2012	51,066	76,821	49,719	332	26
	acres, 2017	294	326	257	38	75
	2012	246	292	262	12	7
Cropland on which reduced tillage, excluding no-till, practices were used (see text)	farms, 2017	205	204	155	20	13
	2012	141	204	120	15	11
	acres, 2017	81,371	54,358	68,902	2,331	1,022
Average per farm	2012	53,306	47,450	45,883	2,383	1,231
	acres, 2017	397	266	445	117	79
	2012	378	233	382	159	112
Cropland on which intensive tillage practices were used (see text)	farms, 2017	190	135	118	48	50
	2012	306	192	186	83	54
	acres, 2017	55,815	18,609	27,745	1,776	2,098
Average per farm	2012	67,628	27,668	34,813	3,021	1,668
	acres, 2017	294	138	235	37	42
	2012	221	144	187	36	31
Cropland planted to a cover crop (excluding CRP)	farms, 2017	80	99	72	35	41
	2012	74	84	59	34	23
	acres, 2017	11,318	5,585	14,775	342	547
Average per farm	2012	10,240	4,684	8,517	677	366
	acres, 2017	141	56	205	10	13
	2012	138	56	144	20	16

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Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Land drained by tilefarms, 2017	62	425	2	4	12	386
	80	453	-	8	7	425
	4,176	83,785	(D)	235	475	90,963
.....acres, 2017	5,005	76,367	-	280	229	68,263
	67	197	(D)	59	40	236
	63	169	-	35	33	161
Land artificially drained by ditchesfarms, 2017	53	207	-	21	13	160
	41	227	2	20	6	164
	2,469	20,062	-	879	242	15,305
.....acres, 2017	2,294	19,795	(D)	684	151	21,112
	47	97	-	42	19	96
	56	87	(D)	34	25	129
Land under conservation easementfarms, 2017	4	33	-	3	1	15
	4	60	-	4	1	37
	470	1,065	-	330	(D)	423
.....acres, 2017	223	1,946	-	62	(D)	2,720
	118	32	-	110	(D)	28
	56	32	-	16	(D)	74
Average per farmacres, 2017	55	188	-	37	(D)	277
	81	175	-	62	21	234
Cropland on which no-till practices were usedfarms, 2017	15	228	-	19	1	264
	21	283	-	19	10	318
	825	42,902	-	706	(D)	73,113
.....acres, 2017	1,706	49,393	-	1,179	209	74,478
	55	188	-	37	(D)	277
	81	175	-	62	21	234
Average per farmacres, 2017	81	175	-	62	21	234
Cropland on which reduced tillage, excluding no-till, practices were used (see text)farms, 2017	28	196	-	21	5	185
	30	178	2	22	10	159
	5,757	63,283	-	2,086	359	47,853
.....acres, 2017	4,439	49,454	(D)	2,307	1,088	29,862
	206	323	-	99	72	259
	148	278	(D)	105	109	188
Average per farmacres, 2017	148	278	(D)	105	109	188
Cropland on which intensive tillage practices were used (see text)farms, 2017	107	270	2	59	33	237
	103	364	6	79	42	349
	4,371	63,860	(D)	5,690	1,502	37,826
.....acres, 2017	3,872	74,780	(D)	6,565	2,326	49,134
	41	237	(D)	96	46	160
	38	205	(D)	83	55	141
Average per farmacres, 2017	38	205	(D)	83	55	141
Cropland planted to a cover crop (excluding CRP)farms, 2017	26	120	2	38	28	82
	31	96	5	30	15	99
	380	9,679	(D)	1,805	654	9,003
.....acres, 2017	1,376	6,229	(D)	1,212	461	4,805
	15	81	(D)	48	23	110
	44	65	(D)	40	31	49

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Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot	
Land drained by tile farms, 2017	16	201	128	-	16	463	
	2012	10	228	1	33	485	
	acres, 2017	199	25,883	16,136	-	322	167,988
	2012	328	27,684	12,647	(D)	741	169,376
Average per farm acres, 2017	12	129	126	-	20	363	
	2012	33	121	118	(D)	22	349
	Land artificially drained by ditches farms, 2017	11	108	103	8	23	141
		2012	12	190	123	9	3
acres, 2017		528	14,039	9,567	274	400	42,400
2012		329	17,027	8,911	452	(D)	49,478
Average per farm acres, 2017	48	130	93	34	17	301	
	2012	27	90	72	50	(D)	289
	Land under conservation easement farms, 2017	5	6	5	-	26	18
		2012	9	9	31	-	31
acres, 2017		555	442	417	-	1,849	597
2012		703	394	1,223	-	3,033	2,835
Average per farm acres, 2017	111	74	83	-	71	33	
	2012	78	44	39	-	98	38
	Cropland on which no-till practices were used farms, 2017	38	117	41	-	68	274
		2012	11	84	25	4	52
acres, 2017		324	17,696	2,480	-	3,467	74,109
2012		586	14,572	1,518	236	4,466	64,713
Average per farm acres, 2017	9	151	60	-	51	270	
	2012	53	173	61	59	86	260
	Cropland on which reduced tillage, excluding no-till, practices were used (see text) farms, 2017	45	125	25	-	58	200
		2012	9	88	26	3	31
acres, 2017		2,256	38,071	3,712	-	4,276	78,759
2012		601	29,983	6,514	233	3,185	50,847
Average per farm acres, 2017	50	305	148	-	74	394	
	2012	67	341	251	78	103	344
	Cropland on which intensive tillage practices were used (see text) farms, 2017	63	185	139	7	56	265
		2012	88	268	168	8	127
acres, 2017		2,227	32,554	13,274	54	6,219	90,849
2012		2,092	41,535	10,829	81	6,237	111,713
Average per farm acres, 2017	35	176	95	8	111	343	
	2012	24	155	64	10	49	323
	Cropland planted to a cover crop (excluding CRP) farms, 2017	56	91	48	3	90	62
		2012	30	59	56	6	98
acres, 2017		803	9,334	1,656	42	2,519	11,670
2012		450	3,858	1,001	80	3,663	12,028
Average per farm acres, 2017	14	103	35	14	28	188	
	2012	15	65	18	13	37	156

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Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Land drained by tilefarms, 2017	430	10	730	341	346	56
	469	9	735	336	373	48
	88,866	82	354,808	75,892	80,110	6,973
Average per farmacres, 2017	70,175	90	308,276	68,317	61,053	5,289
	207	8	486	223	232	125
	150	10	419	203	164	110
Land artificially drained by ditchesfarms, 2017	143	33	324	149	127	41
	153	32	414	181	154	73
	10,420	2,368	88,307	16,756	14,610	2,810
Average per farmacres, 2017	17,353	1,784	97,012	20,645	21,191	3,063
	73	72	273	112	115	69
	2012	113	234	114	138	42
Land under conservation easementfarms, 2017	41	2	46	6	15	2
	82	5	117	28	31	7
	2,678	(D)	6,000	927	537	(D)
Average per farmacres, 2017	5,359	1,486	8,326	2,166	1,108	89
	65	(D)	130	155	36	(D)
	2012	65	297	71	36	13
Cropland on which no-till practices were usedfarms, 2017	266	4	227	127	262	11
	254	8	226	125	258	9
	64,611	61	41,839	31,202	39,943	574
Average per farmacres, 2017	68,456	43	40,419	34,284	32,765	153
	243	15	184	246	152	52
	2012	270	5	179	274	127
Cropland on which reduced tillage, excluding no-till, practices were used (see text)farms, 2017	268	18	301	166	224	26
	190	-	228	145	158	16
	72,687	298	165,837	59,560	71,585	3,672
Average per farmacres, 2017	60,660	-	116,510	50,113	71,702	2,051
	271	17	551	359	320	141
	2012	319	-	511	346	454
Cropland on which intensive tillage practices were used (see text)farms, 2017	249	67	455	153	193	56
	337	47	577	277	388	77
	39,732	3,233	198,051	42,330	57,658	6,312
Average per farmacres, 2017	35,804	1,973	204,264	62,725	62,980	7,698
	160	48	435	277	299	113
	2012	106	42	354	226	162
Cropland planted to a cover crop (excluding CRP)farms, 2017	125	37	288	90	130	22
	101	33	240	68	102	20
	13,829	1,146	102,744	5,963	10,274	918
Average per farmacres, 2017	5,935	390	51,694	4,784	6,066	927
	111	31	357	66	79	42
	2012	59	12	215	70	59

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Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Land drained by tile farms, 2017	2	330	89	37	1	255
	-	320	120	50	1	265
	(D)	70,154	12,458	3,371	(D)	35,666
	-	50,666	9,263	3,662	(D)	32,611
Average per farm acres, 2017	(D)	213	140	91	(D)	140
	-	158	77	73	(D)	123
Land artificially drained by ditches farms, 2017	2	124	79	57	2	133
	2	103	95	76	-	145
	(D)	6,328	6,239	2,936	(D)	5,741
	(D)	8,237	6,271	4,224	-	6,508
Average per farm acres, 2017	(D)	51	79	52	(D)	43
	(D)	80	66	56	-	45
Land under conservation easement farms, 2017	-	30	16	6	2	18
	-	40	20	10	-	9
	-	1,904	610	1,129	(D)	888
	-	1,261	2,107	739	-	425
Average per farm acres, 2017	-	63	38	188	(D)	49
	-	32	105	74	-	47
Cropland on which no-till practices were used farms, 2017	4	207	171	110	19	181
	9	164	179	95	9	149
	26	48,488	34,835	20,852	655	27,820
	273	40,306	38,749	21,057	108	24,586
Average per farm acres, 2017	7	234	204	190	34	154
	30	246	216	222	12	165
Cropland on which reduced tillage, excluding no-till, practices were used (see text) farms, 2017	10	160	155	101	30	168
	9	121	150	120	12	140
	165	30,376	49,510	37,227	5,037	45,600
	305	21,536	46,913	33,474	4,022	34,879
Average per farm acres, 2017	17	190	319	369	168	271
	34	178	313	279	335	249
Cropland on which intensive tillage practices were used (see text) farms, 2017	38	288	173	142	24	186
	28	318	243	183	35	251
	2,796	57,750	15,988	38,723	1,321	16,222
	1,576	51,434	21,646	43,718	1,357	22,178
Average per farm acres, 2017	74	201	92	273	55	87
	56	162	89	239	39	88
Cropland planted to a cover crop (excluding CRP) farms, 2017	10	87	79	83	44	187
	12	88	82	59	42	112
	1,060	9,049	9,637	9,041	3,040	10,071
	1,241	5,708	3,002	5,116	1,988	5,978
Average per farm acres, 2017	106	104	122	109	69	54
	103	65	37	87	47	53

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Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Land drained by tilefarms, 2017	-	22	249	28	683	128
	-	21	221	39	707	142
	-	1,102	43,157	1,203	236,241	17,681
Average per farmacres, 2017	-	922	34,341	840	165,530	17,908
	-	50	173	43	346	138
	-	44	155	22	234	126
Land artificially drained by ditchesfarms, 2017	-	15	226	28	164	98
	2	26	225	17	212	104
	-	1,171	28,705	212	27,024	4,703
Average per farmacres, 2017	(D)	743	28,459	350	41,965	6,404
	-	78	127	8	165	48
	(D)	29	126	21	198	62
Land under conservation easementfarms, 2017	-	-	11	47	78	2
	-	3	19	44	185	13
	-	-	206	4,123	6,643	(D)
Average per farmacres, 2017	-	273	2,341	3,717	12,621	1,629
	-	-	19	88	85	(D)
	-	91	123	84	68	125
Cropland on which no-till practices were usedfarms, 2017	-	10	123	78	350	70
	-	12	114	74	383	73
	-	638	29,391	2,841	77,370	17,643
Average per farmacres, 2017	-	390	20,383	2,446	94,367	11,823
	-	64	239	36	221	252
	-	33	179	33	246	162
Cropland on which reduced tillage, excluding no-till, practices were used (see text)farms, 2017	-	13	120	37	294	73
	-	9	94	54	258	67
	-	1,271	41,638	860	104,825	15,175
Average per farmacres, 2017	-	1,604	37,625	938	68,252	14,381
	-	98	347	23	357	208
	-	178	400	17	265	215
Cropland on which intensive tillage practices were used (see text)farms, 2017	-	23	231	68	342	114
	-	43	342	87	414	165
	-	714	34,098	2,494	124,775	17,266
Average per farmacres, 2017	-	1,897	48,200	2,306	89,189	21,001
	-	31	148	37	365	151
	-	44	141	27	215	127
Cropland planted to a cover crop (excluding CRP)farms, 2017	3	21	99	119	166	49
	-	20	69	102	151	40
	54	513	10,443	3,210	18,596	3,296
Average per farmacres, 2017	-	136	8,360	1,760	15,816	1,938
	18	24	105	27	112	67
	-	7	121	17	105	48

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Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
Land drained by tile farms, 2017	-	7	120	8	8	88
	1	7	112	4	2	108
..... acres, 2017	-	542	16,786	475	30	12,688
	(D)	432	13,863	97	(D)	13,447
Average per farm acres, 2017	-	77	140	59	4	144
	(D)	62	124	24	(D)	125
Land artificially drained by ditches farms, 2017	5	31	130	11	9	81
	2	22	188	7	7	99
..... acres, 2017	480	3,382	19,738	373	35	13,398
	(D)	2,676	24,185	221	177	8,001
Average per farm acres, 2017	96	109	152	34	4	165
	(D)	122	129	32	25	81
Land under conservation easement farms, 2017	-	3	2	9	-	14
	-	3	7	10	3	7
..... acres, 2017	-	13	(D)	1,579	-	254
	-	(D)	120	1,117	23	2,198
Average per farm acres, 2017	-	4	(D)	175	-	18
	-	(D)	17	112	8	314
Cropland on which no-till practices were used farms, 2017	1	5	110	48	26	104
	1	3	105	15	17	63
..... acres, 2017	(D)	326	22,120	1,958	231	11,777
	(D)	69	19,385	252	115	3,420
Average per farm acres, 2017	(D)	65	201	41	9	113
	(D)	23	185	17	7	54
Cropland on which reduced tillage, excluding no-till, practices were used (see text) farms, 2017	-	8	73	42	8	71
	-	4	61	15	7	61
..... acres, 2017	-	867	13,307	2,990	723	14,728
	-	352	11,228	1,000	(D)	11,851
Average per farm acres, 2017	-	108	182	71	90	207
	-	88	184	67	(D)	194
Cropland on which intensive tillage practices were used (see text) farms, 2017	2	20	113	58	13	118
	7	29	184	100	32	140
..... acres, 2017	(D)	1,272	23,192	3,597	336	9,662
	(D)	1,488	19,736	5,173	1,237	15,816
Average per farm acres, 2017	(D)	64	205	62	26	82
	(D)	51	107	52	39	113
Cropland planted to a cover crop (excluding CRP) farms, 2017	3	6	33	85	39	120
	1	6	33	53	22	94
..... acres, 2017	(D)	84	1,771	2,874	773	9,426
	(D)	143	1,784	2,877	257	6,987
Average per farm acres, 2017	(D)	14	54	34	20	79
	(D)	24	54	54	12	74

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Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Land drained by tilefarms, 2017	100	36	242	34	568	185
	89	36	245	31	631	165
.....acres, 2017	5,522	1,518	44,658	4,191	133,889	28,446
	5,922	3,111	45,818	2,771	122,001	21,346
Average per farmacres, 2017	55	42	185	123	236	154
	67	86	187	89	193	129
Land artificially drained by ditchesfarms, 2017	35	34	132	32	255	127
	55	31	180	31	321	112
.....acres, 2017	1,621	911	12,092	3,510	25,313	13,417
	2,618	3,843	15,591	3,448	47,411	10,056
Average per farmacres, 2017	46	27	92	110	99	106
	48	124	87	111	148	90
Land under conservation easementfarms, 2017	14	4	16	7	9	21
	17	4	35	7	60	23
.....acres, 2017	425	170	932	410	105	2,256
	869	398	525	1,174	1,313	2,585
Average per farmacres, 2017	30	43	58	59	12	107
	51	100	15	168	22	112
Cropland on which no-till practices were usedfarms, 2017	66	32	61	22	266	90
	59	33	66	21	297	103
.....acres, 2017	7,653	2,530	5,514	869	47,371	23,403
	6,822	2,425	12,739	137	50,736	14,974
Average per farmacres, 2017	116	79	90	40	178	260
	116	73	193	7	171	145
Cropland on which reduced tillage, excluding no-till, practices were used (see text)farms, 2017	68	42	83	73	209	197
	79	46	58	31	221	125
.....acres, 2017	19,199	9,641	20,365	23,057	67,679	81,391
	13,506	9,432	13,126	9,500	61,464	60,594
Average per farmacres, 2017	282	230	245	316	324	413
	171	205	226	306	278	485
Cropland on which intensive tillage practices were used (see text)farms, 2017	235	97	144	76	358	282
	258	120	157	133	473	409
.....acres, 2017	20,014	6,502	29,175	13,059	69,099	53,884
	25,647	9,135	31,023	19,000	73,322	66,374
Average per farmacres, 2017	85	67	203	172	193	191
	99	76	198	143	155	162
Cropland planted to a cover crop (excluding CRP)farms, 2017	119	58	54	67	92	183
	119	52	40	59	64	169
.....acres, 2017	7,713	3,437	2,296	5,012	5,750	29,979
	8,494	2,073	2,533	4,911	9,824	25,682
Average per farmacres, 2017	65	59	43	75	63	164
	71	40	63	83	154	152

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Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	
Land drained by tile farms, 2017	18	71	128	34	100	61	
	2012	18	90	119	35	56	
	acres, 2017	3,168	10,206	21,778	520	10,669	13,815
	2012	1,917	12,608	14,484	902	9,501	13,677
Average per farm acres, 2017	176	144	170	15	107	226	
	2012	107	140	122	26	94	244
	Land artificially drained by ditches farms, 2017	30	105	133	32	60	39
		2012	12	126	128	41	61
acres, 2017		1,407	5,046	12,830	1,579	6,706	4,455
2012		480	10,918	10,173	711	4,226	2,835
Average per farm acres, 2017	47	48	96	49	112	114	
	2012	40	87	79	17	69	57
	Land under conservation easement farms, 2017	-	9	8	15	17	2
		2012	-	7	13	6	5
acres, 2017		-	235	338	342	1,225	(D)
2012		-	109	322	155	791	1,295
Average per farm acres, 2017	-	26	42	23	72	(D)	
	2012	-	16	25	26	49	259
	Cropland on which no-till practices were used farms, 2017	16	72	97	53	139	4
		2012	12	40	93	32	134
acres, 2017		1,998	8,654	14,768	957	14,591	(D)
2012		1,201	5,208	8,017	1,738	10,892	1,772
Average per farm acres, 2017	125	120	152	18	105	(D)	
	2012	100	130	86	54	81	295
	Cropland on which reduced tillage, excluding no-till, practices were used (see text) farms, 2017	19	45	122	48	92	35
		2012	8	49	111	23	87
acres, 2017		3,770	10,611	24,050	2,807	23,574	8,304
2012		3,299	10,205	18,416	3,143	19,629	1,568
Average per farm acres, 2017	198	236	197	58	256	237	
	2012	412	208	166	137	226	92
	Cropland on which intensive tillage practices were used (see text) farms, 2017	35	75	184	54	140	112
		2012	50	126	263	66	180
acres, 2017		1,794	7,878	24,161	3,321	20,229	18,293
2012		2,727	15,322	24,500	4,598	15,768	16,832
Average per farm acres, 2017	51	105	131	62	144	163	
	2012	55	122	93	70	88	156
	Cropland planted to a cover crop (excluding CRP) farms, 2017	19	73	113	47	167	14
		2012	14	38	96	30	160
acres, 2017		723	2,740	11,657	919	16,805	386
2012		502	3,546	6,615	958	13,509	1,572
Average per farm acres, 2017	38	38	103	20	101	28	
	2012	36	93	69	32	84	37

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Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle	
Land drained by tilefarms, 2017	1	68	27	2	247	21	
	2012	2	80	31	305	25	
	acres, 2017	(D)	6,207	1,513	(D)	34,859	2,651
Average per farmacres, 2017	(D)	6,613	1,604	(D)	31,642	2,731	
	2012	(D)	91	56	(D)	141	126
	2012	(D)	83	52	(D)	104	109
Land artificially drained by ditchesfarms, 2017	25	53	23	-	336	29	
	2012	19	76	15	2	431	38
	acres, 2017	2,299	2,321	1,322	-	39,447	2,949
Average per farmacres, 2017	2,104	2,816	483	(D)	35,668	3,870	
	2012	92	44	57	-	117	102
	2012	111	37	32	(D)	83	102
Land under conservation easementfarms, 2017	1	9	-	-	6	16	
	2012	-	13	1	-	23	9
	acres, 2017	(D)	236	-	-	394	812
Average per farmacres, 2017	2012	-	652	(D)	-	2,354	378
	2012	(D)	26	-	-	66	51
	2012	-	50	(D)	-	102	42
Cropland on which no-till practices were usedfarms, 2017	3	46	9	16	177	32	
	2012	6	27	1	13	177	34
	acres, 2017	172	2,925	252	446	35,985	6,203
Average per farmacres, 2017	2012	57	2,247	(D)	284	27,216	8,439
	2012	57	64	28	28	203	194
	2012	3	83	(D)	22	154	248
Cropland on which reduced tillage, excluding no-till, practices were used (see text)farms, 2017	3	67	5	16	175	49	
	2012	6	50	7	6	162	36
	acres, 2017	70	7,693	230	2,436	44,669	4,944
Average per farmacres, 2017	2012	45	5,530	235	1,386	32,044	2,633
	2012	23	115	46	152	255	101
	2012	8	111	34	231	198	73
Cropland on which intensive tillage practices were used (see text)farms, 2017	17	104	29	52	228	111	
	2012	22	198	41	51	402	113
	acres, 2017	1,447	10,171	1,432	3,180	25,571	10,236
Average per farmacres, 2017	2012	1,559	10,656	1,710	3,150	36,969	12,339
	2012	85	98	49	61	112	92
	2012	71	54	42	62	92	109
Cropland planted to a cover crop (excluding CRP)farms, 2017	9	68	17	37	126	50	
	2012	12	92	11	20	134	56
	acres, 2017	128	3,473	372	1,286	7,396	2,396
Average per farmacres, 2017	2012	241	1,941	569	537	6,183	1,762
	2012	14	51	22	35	59	48
	2012	20	21	52	27	46	31

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Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
Land drained by tile farms, 2017	1	804	223	81	730	1
	1	731	200	74	686	4
	(D)	197,987	44,824	15,507	262,925	(D)
Average per farm acres, 2017	(D)	173,444	41,221	8,071	236,058	160
	(D)	246	201	191	360	(D)
	(D)	237	206	109	344	40
Land artificially drained by ditches farms, 2017	10	416	569	87	549	5
	8	465	526	75	619	6
	935	64,820	73,772	7,809	129,530	810
Average per farm acres, 2017	219	60,427	86,357	7,341	165,283	291
	94	156	130	90	236	162
	27	130	164	98	267	49
Land under conservation easement farms, 2017	-	51	9	12	20	-
	-	139	14	17	70	-
	-	1,755	(D)	2,754	1,257	-
Average per farm acres, 2017	-	7,232	895	2,060	3,871	-
	-	34	(D)	230	63	-
	-	52	64	121	55	-
Cropland on which no-till practices were used farms, 2017	4	251	214	190	288	2
	3	281	216	213	343	6
	88	63,484	62,907	30,682	65,128	(D)
Average per farm acres, 2017	(D)	50,238	47,092	27,828	72,853	310
	22	253	294	161	226	(D)
	(D)	179	218	131	212	52
Cropland on which reduced tillage, excluding no-till, practices were used (see text) farms, 2017	2	257	166	171	260	2
	2	223	122	186	201	2
	(D)	90,645	36,908	71,147	95,330	(D)
Average per farm acres, 2017	(D)	65,689	34,782	67,680	76,064	(D)
	(D)	353	222	416	367	(D)
	(D)	295	285	364	378	(D)
Cropland on which intensive tillage practices were used (see text) farms, 2017	6	546	318	282	542	7
	7	605	367	310	727	16
	282	124,490	37,411	86,224	180,751	347
Average per farm acres, 2017	205	138,515	46,953	75,010	203,971	314
	47	228	118	306	333	50
	29	229	128	242	281	20
Cropland planted to a cover crop (excluding CRP) farms, 2017	13	133	72	182	229	9
	6	145	48	151	186	6
	330	13,005	2,878	58,319	43,186	220
Average per farm acres, 2017	249	10,571	1,470	32,519	20,716	47
	25	98	40	320	189	24
	42	73	31	215	111	8

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Table 41. Land Use Practices: 2017 and 2012 (continued)

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

Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Land drained by tilefarms, 2017	373	582	175	332	41	9
	392	586	171	344	54	8
	90,000	206,180	18,589	50,722	1,330	633
Average per farmacres, 2017	81,521	170,964	14,030	39,730	2,304	162
	241	354	106	153	32	70
	2012	292	82	115	43	20
Land artificially drained by ditchesfarms, 2017	286	250	158	168	48	14
	362	328	189	188	81	10
	57,982	44,152	11,678	9,347	1,088	248
Average per farmacres, 2017	73,659	54,866	12,487	12,470	3,387	266
	203	177	74	56	23	18
	2012	167	66	66	42	27
Land under conservation easementfarms, 2017	10	21	21	38	4	1
	51	91	25	65	6	2
	581	4,513	2,202	2,714	87	(D)
Average per farmacres, 2017	4,182	5,623	944	6,527	19	(D)
	58	215	105	71	22	(D)
	2012	62	38	100	3	(D)
Cropland on which no-till practices were usedfarms, 2017	195	252	127	289	55	27
	267	227	87	320	37	20
	47,551	37,699	16,026	48,821	1,479	611
Average per farmacres, 2017	65,225	40,557	24,895	49,207	2,408	291
	244	150	126	169	27	23
	2012	244	179	286	154	65
Cropland on which reduced tillage, excluding no-till, practices were used (see text)farms, 2017	208	243	96	252	33	19
	130	205	117	210	12	13
	49,546	76,839	36,137	49,956	3,152	1,955
Average per farmacres, 2017	32,831	48,275	21,329	32,867	914	2,344
	238	316	376	198	96	103
	2012	253	235	182	157	76
Cropland on which intensive tillage practices were used (see text)farms, 2017	258	429	117	209	38	54
	396	506	286	299	78	105
	68,716	153,159	26,821	25,136	1,640	6,608
Average per farmacres, 2017	73,898	162,836	39,832	26,598	5,473	4,323
	266	357	229	120	43	122
	2012	187	322	139	89	70
Cropland planted to a cover crop (excluding CRP)farms, 2017	103	206	116	118	34	67
	91	165	96	118	27	49
	8,687	47,947	11,042	4,937	279	2,136
Average per farmacres, 2017	7,084	17,646	7,637	4,797	255	748
	84	233	95	42	8	32
	2012	78	107	80	41	9