

**Table 41. Land Use Practices: 2017 and 2012**

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

Item	California	Alameda	Alpine	Amador	Butte	Calaveras
Land drained by tile .....farms, 2017	2,151	23	-	2	17	13
	1,913	4	-	8	19	3
	626,219	188	-	(D)	633	191
Average per farm .....acres, 2017	476,794	758	-	153	95	(D)
	291	8	-	(D)	37	15
	249	190	-	19	5	(D)
Land artificially drained by ditches .....farms, 2017	6,533	30	-	14	267	39
	7,166	25	-	23	287	31
	1,769,447	5,172	-	534	60,720	5,722
Average per farm .....acres, 2017	1,872,676	1,681	-	2,124	74,180	694
	271	172	-	38	227	147
	261	67	-	92	258	22
Land under conservation easement .....farms, 2017	1,672	35	1	9	25	11
	1,603	33	-	18	24	8
	962,057	8,037	(D)	1,776	5,998	10,434
Average per farm .....acres, 2017	929,985	2,841	-	16,318	7,595	2,279
	575	230	(D)	197	240	949
	580	86	-	907	316	285
Cropland on which no-till practices were used .....farms, 2017	3,880	15	-	15	120	15
	4,213	19	-	11	89	15
	238,454	253	-	88	4,500	48
Average per farm .....acres, 2017	205,383	69	-	15	4,874	132
	61	17	-	6	38	3
	49	4	-	1	55	9
Cropland on which reduced tillage, excluding no-till, practices were used (see text) .....farms, 2017	2,760	1	-	4	32	11
	1,945	-	-	15	55	1
	763,991	(D)	-	(D)	3,910	53
Average per farm .....acres, 2017	566,983	-	-	19	3,338	(D)
	277	(D)	-	(D)	122	5
	292	-	-	1	61	(D)
Cropland on which intensive tillage practices were used (see text) .....farms, 2017	6,933	16	-	8	198	21
	11,762	38	-	28	380	36
	2,376,172	245	-	605	80,529	165
Average per farm .....acres, 2017	3,083,056	2,013	-	1,173	104,626	241
	343	15	-	76	407	8
	262	53	-	42	275	7
Cropland planted to a cover crop (excluding CRP) .....farms, 2017	6,198	22	-	74	101	30
	4,899	17	-	30	85	30
	350,436	219	-	1,856	10,797	454
Average per farm .....acres, 2017	340,532	240	-	426	7,965	303
	57	10	-	25	107	15
	70	14	-	14	94	10

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

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

Item	Colusa	Contra Costa	Del Norte	El Dorado	Fresno	Glenn	
Land drained by tile ..... farms, 2017	41	7	-	4	104	10	
	2012	20	7	12	76	13	
	acres, 2017	3,486	2,065	-	158	28,113	772
	2012	1,279	1,252	9	88	17,252	1,611
Average per farm ..... acres, 2017	85	295	-	40	270	77	
	2012	64	179	3	7	227	124
	Land artificially drained by ditches ..... farms, 2017	248	43	4	57	189	313
		2012	281	43	15	50	260
acres, 2017		113,503	18,380	(D)	273	65,651	86,410
2012		111,329	12,815	(D)	1,537	92,581	92,947
Average per farm ..... acres, 2017	458	427	(D)	5	347	276	
	2012	396	298	(D)	31	356	265
	Land under conservation easement ..... farms, 2017	25	16	-	17	49	17
		2012	23	6	3	24	30
acres, 2017		7,809	1,893	-	4,596	43,833	3,764
2012		5,523	4,073	9	6,124	22,475	10,605
Average per farm ..... acres, 2017	312	118	-	270	895	221	
	2012	240	679	3	255	511	354
	Cropland on which no-till practices were used ..... farms, 2017	44	17	1	75	217	81
		2012	17	52	2	94	186
acres, 2017		10,631	3,126	(D)	332	15,457	12,897
2012		8,583	3,895	(D)	540	7,617	4,913
Average per farm ..... acres, 2017	242	184	(D)	4	71	159	
	2012	505	75	(D)	6	41	65
	Cropland on which reduced tillage, excluding no-till, practices were used (see text) ..... farms, 2017	53	21	1	9	273	63
		2012	29	12	1	10	253
acres, 2017		21,468	5,747	(D)	144	128,931	20,332
2012		4,773	5,766	(D)	85	92,346	6,267
Average per farm ..... acres, 2017	405	274	(D)	16	472	323	
	2012	165	481	(D)	9	365	112
	Cropland on which intensive tillage practices were used (see text) ..... farms, 2017	313	25	12	42	520	308
		2012	405	67	17	72	975
acres, 2017		142,518	15,099	407	139	211,983	92,051
2012		184,425	13,860	209	685	334,220	125,472
Average per farm ..... acres, 2017	455	604	34	3	408	299	
	2012	455	207	12	10	343	326
	Cropland planted to a cover crop (excluding CRP) ..... farms, 2017	39	35	7	152	229	59
		2012	13	28	6	108	215
acres, 2017		3,528	1,185	635	1,124	21,902	4,088
2012		3,347	503	389	891	28,623	6,101
Average per farm ..... acres, 2017	90	34	91	7	96	69	
	2012	257	18	65	8	133	165

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

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

Item	Humboldt	Imperial	Inyo	Kern	Kings	Lake	
Land drained by tile .....farms, 2017	13	258	-	30	20	12	
	2012	16	203	-	22	21	
	acres, 2017	315	376,737	-	9,975	31,827	443
Average per farm .....acres, 2017	474	278,467	-	13,030	29,567	582	
	2012	24	1,460	-	333	1,591	37
	2012	30	1,372	-	592	1,095	28
Land artificially drained by ditches .....farms, 2017	68	117	8	98	50	25	
	2012	67	161	10	123	85	65
	acres, 2017	10,925	169,813	168	38,876	134,373	600
Average per farm .....acres, 2017	3,009	243,446	695	57,435	183,137	2,245	
	2012	161	1,451	21	397	2,687	24
	2012	45	1,512	70	467	2,155	35
Land under conservation easement .....farms, 2017	42	9	1	20	7	9	
	2012	31	9	1	34	18	14
	acres, 2017	48,476	1,992	(D)	(D)	720	(D)
Average per farm .....acres, 2017	60,074	3,707	(D)	(D)	402	308	
	2012	1,154	221	(D)	(D)	103	(D)
	2012	1,938	412	(D)	(D)	22	22
Cropland on which no-till practices were used .....farms, 2017	63	21	5	76	40	22	
	2012	44	35	9	50	56	52
	acres, 2017	566	26,784	1,122	12,872	11,889	243
Average per farm .....acres, 2017	183	11,909	13	14,300	4,824	229	
	2012	9	1,275	224	169	297	11
	2012	4	340	1	286	86	4
Cropland on which reduced tillage, excluding no-till, practices were used (see text) .....farms, 2017	14	109	-	81	108	17	
	2012	30	39	5	63	49	7
	acres, 2017	240	78,217	-	30,556	67,827	63
Average per farm .....acres, 2017	227	33,509	500	39,165	49,272	24	
	2012	17	718	-	377	628	4
	2012	8	859	100	622	1,006	3
Cropland on which intensive tillage practices were used (see text) .....farms, 2017	73	164	1	236	248	26	
	2012	142	209	10	384	393	96
	acres, 2017	1,624	128,971	(D)	169,115	201,532	648
Average per farm .....acres, 2017	1,163	184,088	(D)	211,219	238,985	2,687	
	2012	22	786	(D)	717	813	25
	2012	8	881	(D)	550	608	28
Cropland planted to a cover crop (excluding CRP) .....farms, 2017	98	5	5	26	59	95	
	2012	95	11	8	40	40	100
	acres, 2017	1,120	2,190	319	12,120	4,569	2,136
Average per farm .....acres, 2017	785	2,339	9	16,037	5,387	1,655	
	2012	11	438	64	466	77	22
	2012	8	213	1	401	135	17

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

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

Item	Lassen	Los Angeles	Madera	Marin	Mariposa	Mendocino	
Land drained by tile ..... farms, 2017	8	24	30	4	-	48	
	2012	4	10	14	2	59	
	acres, 2017	353	150	5,589	16	2,189	
	2012	403	152	680	869	2,247	
Average per farm ..... acres, 2017	44	6	186	4	(D)	46	
	2012	101	15	49	97	38	
					(D)		
Land artificially drained by ditches ..... farms, 2017	19	73	46	24	6	96	
	2012	24	36	55	23	109	
	acres, 2017	4,011	1,186	21,306	4,542	517	7,592
	2012	4,669	1,778	31,712	4,110	898	3,194
Average per farm ..... acres, 2017	211	16	463	189	86	79	
	2012	195	49	577	179	69	
Land under conservation easement ..... farms, 2017	10	15	21	38	16	55	
	2012	9	12	33	44	23	
	acres, 2017	9,224	203	7,549	20,798	5,870	33,279
	2012	8,902	1,245	4,336	25,443	13,985	8,212
Average per farm ..... acres, 2017	922	14	359	547	367	605	
	2012	989	104	131	578	699	
Cropland on which no-till practices were used ..... farms, 2017	34	60	40	28	3	79	
	2012	27	128	52	17	6	
	acres, 2017	1,251	406	6,031	105	5	963
	2012	1,319	330	5,764	1,264	64	534
Average per farm ..... acres, 2017	37	7	151	4	2	12	
	2012	49	3	111	74	11	
Cropland on which reduced tillage, excluding no-till, practices were used (see text) ..... farms, 2017	31	14	63	18	4	33	
	2012	13	16	29	10	-	
	acres, 2017	1,471	(D)	17,639	157	41	989
	2012	1,117	25,925	5,775	912	-	62
Average per farm ..... acres, 2017	47	(D)	280	9	10	30	
	2012	86	1,620	199	91	-	
Cropland on which intensive tillage practices were used (see text) ..... farms, 2017	64	69	80	35	1	29	
	2012	95	108	150	38	11	
	acres, 2017	5,855	3,275	26,510	1,180	(D)	4,876
	2012	11,696	8,145	30,728	2,701	122	1,455
Average per farm ..... acres, 2017	91	47	331	34	(D)	168	
	2012	123	75	205	71	11	
Cropland planted to a cover crop (excluding CRP) ..... farms, 2017	21	18	71	57	3	184	
	2012	14	26	75	38	3	
	acres, 2017	735	(D)	10,689	440	(D)	7,579
	2012	797	87	16,252	556	9	7,526
Average per farm ..... acres, 2017	35	(D)	151	8	(D)	41	
	2012	57	3	217	15	3	

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

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

Item	Merced	Modoc	Mono	Monterey	Napa	Nevada	Orange
Land drained by tile .....farms, 2017	103	24	-	38	259	8	4
	89	20	-	47	247	6	3
	34,745	4,459	-	8,851	12,751	109	150
	23,516	2,627	-	12,123	7,666	33	29
Average per farm .....acres, 2017	337	186	-	233	49	14	38
	264	131	-	258	31	6	10
Land artificially drained by ditches .....farms, 2017	308	32	3	158	167	36	21
	353	46	3	117	197	41	38
	119,265	25,151	48	47,429	5,166	698	1,357
	135,795	18,617	(D)	52,902	7,566	263	1,762
Average per farm .....acres, 2017	387	786	16	300	31	19	65
	385	405	(D)	452	38	6	46
Land under conservation easement .....farms, 2017	74	20	7	48	56	24	-
	59	13	1	38	54	15	2
	61,191	13,330	15,903	76,047	30,159	5,161	-
	46,305	8,963	(D)	74,360	13,462	1,864	(D)
Average per farm .....acres, 2017	827	667	2,272	1,584	539	215	-
	785	689	(D)	1,957	249	124	(D)
Cropland on which no-till practices were used .....farms, 2017	131	31	1	54	47	59	31
	116	27	1	39	50	41	42
	21,096	3,897	(D)	3,324	299	179	638
	9,772	5,717	(D)	5,806	154	(D)	281
Average per farm .....acres, 2017	161	126	(D)	62	6	3	21
	84	212	(D)	149	3	(D)	7
Cropland on which reduced tillage, excluding no-till, practices were used (see text) .....farms, 2017	201	36	1	110	43	28	2
	102	17	-	45	12	20	5
	75,236	3,354	(D)	34,698	627	60	(D)
	55,347	4,141	-	26,722	(D)	30	291
Average per farm .....acres, 2017	374	93	(D)	315	15	2	(D)
	543	244	-	594	(D)	2	58
Cropland on which intensive tillage practices were used (see text) .....farms, 2017	429	115	7	299	27	14	9
	628	135	3	379	63	64	42
	129,912	35,028	432	202,849	348	92	1,979
	169,162	39,067	(D)	196,762	792	923	6,815
Average per farm .....acres, 2017	303	305	62	678	13	7	220
	269	289	(D)	519	13	14	162
Cropland planted to a cover crop (excluding CRP) .....farms, 2017	131	26	4	218	798	109	11
	105	19	-	129	547	100	18
	17,668	3,857	325	29,938	26,492	419	1,330
	24,720	592	-	25,993	24,002	335	978
Average per farm .....acres, 2017	135	148	81	137	33	4	121
	235	31	-	201	44	3	54

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

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

Item	Placer	Plumas	Riverside	Sacramento	San Benito	San Bernardino	San Diego
Land drained by tile ..... farms, 2017	20	-	75	41	12	14	96
	2012	21	-	88	31	6	68
	acres, 2017	163	-	18,146	3,285	218	61
	2012	492	-	20,976	2,393	255	15
Average per farm ..... acres, 2017	8	-	242	80	18	4	9
	2012	23	-	238	77	43	4
Land artificially drained by ditches ..... farms, 2017	87	9	186	209	32	39	322
	2012	112	8	223	222	25	44
	acres, 2017	2,576	(D)	30,795	59,254	4,066	946
	2012	5,422	1,652	35,438	43,935	2,942	959
Average per farm ..... acres, 2017	30	(D)	166	284	127	24	23
	2012	48	207	159	198	118	22
Land under conservation easement ..... farms, 2017	29	8	39	42	12	12	109
	2012	20	9	41	19	5	12
	acres, 2017	10,045	14,460	2,653	7,799	(D)	186
	2012	3,774	38,640	1,278	2,907	7,712	375
Average per farm ..... acres, 2017	346	1,808	68	186	(D)	16	27
	2012	189	4,293	31	153	1,542	31
Cropland on which no-till practices were used ..... farms, 2017	75	19	162	41	30	55	435
	2012	17	6	209	78	44	74
	acres, 2017	365	411	5,726	2,667	1,388	822
	2012	91	142	1,497	1,582	1,954	630
Average per farm ..... acres, 2017	5	22	35	65	46	15	8
	2012	5	24	7	20	44	9
Cropland on which reduced tillage, excluding no-till, practices were used (see text) ..... farms, 2017	15	7	48	62	33	21	89
	2012	17	3	22	39	14	19
	acres, 2017	443	543	8,066	11,950	1,560	400
	2012	528	142	6,823	8,707	679	329
Average per farm ..... acres, 2017	30	78	168	193	47	19	20
	2012	31	47	310	223	49	17
Cropland on which intensive tillage practices were used (see text) ..... farms, 2017	45	10	138	173	74	44	182
	2012	162	18	191	281	171	104
	acres, 2017	6,559	(D)	49,298	32,452	11,712	4,893
	2012	14,819	1,025	83,896	43,303	17,313	7,576
Average per farm ..... acres, 2017	146	(D)	357	188	158	111	28
	2012	91	57	439	154	101	73
Cropland planted to a cover crop (excluding CRP) ..... farms, 2017	77	13	79	67	75	34	162
	2012	69	5	62	59	53	26
	acres, 2017	406	871	9,305	10,362	2,363	823
	2012	895	(D)	7,426	7,803	1,841	601
Average per farm ..... acres, 2017	5	67	118	155	32	24	8
	2012	13	(D)	120	132	35	23

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

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

Item	San Francisco	San Joaquin	San Luis Obispo	San Mateo	Santa Barbara	Santa Clara	Santa Cruz
Land drained by tile .....farms, 2017	-	110	42	-	31	22	15
2012	-	73	33	3	34	10	27
acres, 2017	-	15,532	4,541	-	3,392	1,823	692
2012	-	8,945	1,953	10	2,091	210	1,151
Average per farm .....acres, 2017	-	141	108	-	109	83	46
2012	-	123	59	3	62	21	43
Land artificially drained by ditches .....farms, 2017	-	390	92	23	119	67	87
2012	-	400	92	35	145	72	87
acres, 2017	-	142,812	8,567	1,088	25,424	4,738	3,169
2012	-	128,189	5,103	1,977	21,669	3,524	3,930
Average per farm .....acres, 2017	-	366	93	47	214	71	36
2012	-	320	55	56	149	49	45
Land under conservation easement .....farms, 2017	-	45	57	22	50	49	27
2012	-	39	73	12	38	41	26
acres, 2017	-	8,820	36,761	8,663	18,690	54,267	14,279
2012	-	14,625	49,994	1,102	7,324	(D)	27,467
Average per farm .....acres, 2017	-	196	645	394	374	1,107	529
2012	-	375	685	92	193	(D)	1,056
Cropland on which no-till practices were used .....farms, 2017	-	172	113	24	118	82	69
2012	-	157	110	25	95	117	21
acres, 2017	-	12,151	6,892	81	921	1,849	710
2012	-	13,302	2,409	170	4,163	526	316
Average per farm .....acres, 2017	-	71	61	3	8	23	10
2012	-	85	22	7	44	4	15
Cropland on which reduced tillage, excluding no-till, practices were used (see text) .....farms, 2017	-	143	85	18	34	34	40
2012	-	142	83	4	29	29	25
acres, 2017	-	49,233	14,363	216	12,202	2,714	506
2012	-	35,332	36,474	8	10,671	4,228	398
Average per farm .....acres, 2017	-	344	169	12	359	80	13
2012	-	249	439	2	368	146	16
Cropland on which intensive tillage practices were used (see text) .....farms, 2017	-	289	219	53	219	93	104
2012	2	626	499	100	352	160	150
acres, 2017	-	100,653	38,077	2,157	61,281	9,617	11,329
2012	(D)	137,368	53,534	3,156	52,310	11,917	15,654
Average per farm .....acres, 2017	-	348	174	41	280	103	109
2012	(D)	219	107	32	149	74	104
Cropland planted to a cover crop (excluding CRP) .....farms, 2017	-	276	354	31	207	74	154
2012	-	225	302	44	174	70	133
acres, 2017	-	35,562	14,669	625	9,956	744	2,294
2012	-	32,205	15,628	433	10,360	1,312	3,803
Average per farm .....acres, 2017	-	129	41	20	48	10	15
2012	-	143	52	10	60	19	29

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

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

Item	Shasta	Sierra	Siskiyou	Solano	Sonoma	Stanislaus	Sutter
Land drained by tile ..... farms, 2017	17	-	21	16	205	98	24
	11	-	29	26	169	93	15
	1,357	-	7,124	814	5,714	9,094	3,282
	43	-	8,704	1,112	4,341	7,655	1,572
Average per farm ..... acres, 2017	80	-	339	51	28	93	137
	4	-	300	43	26	82	105
Land artificially drained by ditches ..... farms, 2017	115	1	58	133	371	356	289
	95	8	71	136	395	393	360
	9,066	(D)	21,994	67,367	14,165	62,477	120,365
	3,821	524	16,553	62,552	15,156	43,976	110,047
Average per farm ..... acres, 2017	79	(D)	379	507	38	175	416
	40	66	233	460	38	112	306
Land under conservation easement ..... farms, 2017	22	8	13	40	156	54	23
	11	4	50	35	152	58	24
	12,499	6,865	14,839	7,119	64,818	11,975	3,697
	4,450	2,850	30,522	10,536	70,758	5,833	2,546
Average per farm ..... acres, 2017	568	858	1,141	178	416	222	161
	405	713	610	301	466	101	106
Cropland on which no-till practices were used ..... farms, 2017	96	1	51	48	178	139	86
	63	1	35	59	186	183	59
	1,346	(D)	3,730	5,146	765	11,753	4,172
	744	(D)	12,736	8,914	1,369	7,114	2,568
Average per farm ..... acres, 2017	14	(D)	73	107	4	85	49
	12	(D)	364	151	7	39	44
Cropland on which reduced tillage, excluding no-till, practices were used (see text) ..... farms, 2017	19	-	41	57	94	109	88
	16	-	16	34	74	86	76
	4,795	-	7,835	10,782	590	21,719	28,955
	77	-	6,041	2,960	432	12,936	21,088
Average per farm ..... acres, 2017	252	-	191	189	6	199	329
	5	-	378	87	6	150	277
Cropland on which intensive tillage practices were used (see text) ..... farms, 2017	64	5	130	77	154	331	228
	152	5	179	136	237	559	368
	7,758	322	23,060	47,525	5,187	58,075	118,349
	11,101	273	36,528	77,350	13,332	73,714	160,610
Average per farm ..... acres, 2017	121	64	177	617	34	175	519
	73	55	204	569	56	132	436
Cropland planted to a cover crop (excluding CRP) ..... farms, 2017	60	-	41	105	973	138	90
	49	2	40	53	717	142	58
	723	-	6,439	4,071	26,959	8,297	12,946
	233	(D)	6,224	2,419	23,490	10,655	13,195
Average per farm ..... acres, 2017	12	-	157	39	28	60	144
	5	(D)	156	46	33	75	228

--continued



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

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

Item	Tehama	Trinity	Tulare	Tuolumne	Ventura	Yolo	Yuba
Land drained by tile .....farms, 2017	2	3	67	-	66	46	4
	14	2	53	4	96	26	13
	(D)	7	4,111	-	8,844	12,487	4
	591	(D)	1,876	(D)	13,483	2,229	426
Average per farm .....acres, 2017	(D)	2	61	-	134	271	1
	42	(D)	35	(D)	140	86	33
	133	9	174	28	378	156	111
	139	8	209	14	309	170	137
Land artificially drained by ditches .....farms, 2017	22,261	122	43,576	251	33,106	102,524	21,233
	18,147	100	40,890	(D)	22,107	101,992	31,625
	167	14	250	9	88	657	191
	131	13	196	(D)	72	600	231
Average per farm .....acres, 2017	16	3	49	11	56	29	14
	31	10	76	5	43	47	11
	10,638	12	8,420	3,218	3,677	11,802	1,058
	19,256	2,728	15,522	(D)	1,895	6,666	1,189
Land under conservation easement .....farms, 2017	665	4	172	293	66	407	76
	621	273	204	(D)	44	142	108
	49	20	195	11	90	58	38
	49	13	252	8	131	108	43
Average per farm .....acres, 2017	1,659	84	18,670	16	1,152	11,741	948
	3,750	87	21,963	8	733	20,684	973
	34	4	96	1	13	202	25
	77	7	87	1	6	192	23
Average per farm .....acres, 2012	18	5	146	1	60	89	23
	8	4	155	7	24	42	33
	348	14	42,300	(D)	6,134	34,806	4,658
	355	14	36,749	20	3,151	20,750	1,296
Average per farm .....acres, 2017	19	3	290	(D)	102	391	203
	44	4	237	3	131	494	39
	73	3	418	3	155	155	105
	216	33	607	24	207	288	196
Average per farm .....acres, 2017	4,940	6	132,325	(D)	35,890	124,669	26,213
	12,263	115	158,917	370	36,978	140,102	37,189
	68	2	317	(D)	232	804	250
	57	3	262	15	179	486	190
Average per farm .....acres, 2012	58	17	138	15	95	144	34
	53	43	102	17	56	92	28
	1,587	62	7,966	45	1,586	21,926	817
	1,343	129	7,742	(D)	532	11,828	2,459
Average per farm .....acres, 2017	27	4	58	3	17	152	24
	25	3	76	(D)	10	129	88