

**Table 41. Land Use Practices: 2022 and 2017**

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

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	
Land drained by tile .....	farms, 2022	38,712	428	269	132	79	287
	2017	39,989	424	267	134	79	297
acres, 2022	13,016,679	155,069	119,827	14,383	10,799	96,437	
	2017	14,107,098	164,414	100,575	18,508	9,322	116,540
Average per farm .....	acres, 2022	336	362	445	109	137	336
	2017	353	388	377	138	118	392
Land artificially drained by ditches .....	farms, 2022	9,356	113	97	67	66	84
	2017	9,521	105	67	60	72	70
acres, 2022	1,518,246	13,549	14,271	7,349	16,471	15,402	
	2017	1,702,432	10,915	12,086	5,692	10,258	13,628
Average per farm .....	acres, 2022	162	120	147	110	250	183
	2017	179	104	180	95	142	195
Land under conservation easement .....	farms, 2022	5,554	64	28	68	34	54
	2017	2,416	33	11	36	10	23
acres, 2022	237,178	2,377	1,266	2,566	956	3,713	
	2017	210,270	2,372	788	3,113	528	3,477
Average per farm .....	acres, 2022	43	37	45	38	28	69
	2017	87	72	72	86	53	151
Cropland on which no-till practices were used .....	farms, 2022	25,796	383	233	272	142	310
	2017	24,025	382	201	214	106	268
acres, 2022	8,452,461	170,174	99,270	63,629	42,627	173,799	
	2017	8,196,199	170,139	98,593	49,187	28,538	186,688
Average per farm .....	acres, 2022	328	444	426	234	300	561
	2017	341	445	491	230	269	697
Cropland on which conservation or reduced tillage, excluding no-till, practices were used (see text) .....	farms, 2022	25,915	142	110	254	106	119
	2017	26,532	150	107	272	101	112
acres, 2022	9,289,863	41,529	39,321	42,331	25,565	26,547	
	2017	10,132,599	28,177	26,341	56,177	18,871	20,310
Average per farm .....	acres, 2022	358	292	357	167	241	223
	2017	382	188	246	207	187	181
Cropland on which intensive or conventional tillage practices were used (see text) .....	farms, 2022	16,526	55	45	189	64	21
	2017	15,159	32	26	144	55	16
acres, 2022	4,941,144	2,684	3,682	24,529	8,062	737	
	2017	5,018,129	3,260	2,727	20,595	8,060	8,196
Average per farm .....	acres, 2022	299	49	82	130	126	35
	2017	331	102	105	143	147	512
Cropland planted to a cover crop (excluding CRP) .....	farms, 2022	8,994	71	58	134	49	55
	2017	8,729	83	60	102	33	75
acres, 2022	1,282,608	6,756	7,621	13,002	4,959	11,130	
	2017	973,112	8,669	6,661	11,364	1,824	12,387
Average per farm .....	acres, 2022	143	95	131	97	101	202
	2017	111	104	111	111	55	165
Use of precision agriculture practices (see text) .....	farms, 2022	27,915	231	141	199	60	207
	2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 41. Land Use Practices: 2022 and 2017 (continued)**

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

Item	Benton	Black Hawk	Boone	Bremer	Buchanan	Buena Vista
Land drained by tile .....	farms, 2022	639	524	529	588	682
	2017	695	533	497	580	682
acres, 2022	240,892	182,167	225,192	175,699	242,197	186,756
	2017	310,129	200,020	202,657	197,464	250,195
Average per farm .....	acres, 2022	377	348	426	299	355
	2017	446	375	408	340	367
Land artificially drained by ditches .....	farms, 2022	98	63	80	55	41
	2017	91	70	78	49	54
acres, 2022	7,155	5,103	8,618	3,073	2,673	5,155
	2017	8,283	11,008	8,242	2,235	6,484
Average per farm .....	acres, 2022	73	81	108	56	65
	2017	91	157	106	46	120
Land under conservation easement .....	farms, 2022	64	75	74	62	87
	2017	23	37	33	31	10
acres, 2022	2,398	4,648	1,954	1,230	2,672	1,239
	2017	1,276	1,027	1,220	1,341	505
Average per farm .....	acres, 2022	37	62	26	20	31
	2017	55	28	37	43	51
Cropland on which no-till practices were used .....	farms, 2022	415	285	123	193	271
	2017	370	235	97	174	295
acres, 2022	118,946	88,561	25,405	36,707	66,270	56,875
	2017	130,595	76,687	17,939	40,413	75,081
Average per farm .....	acres, 2022	287	311	207	190	245
	2017	353	326	185	232	255
Cropland on which conservation or reduced tillage, excluding no-till, practices were used (see text) .....	farms, 2022	425	307	296	299	478
	2017	464	347	270	313	406
acres, 2022	146,972	134,627	154,719	91,691	177,972	127,058
	2017	171,057	149,217	149,273	121,181	144,053
Average per farm .....	acres, 2022	346	439	523	307	372
	2017	369	430	553	387	355
Cropland on which intensive or conventional tillage practices were used (see text) .....	farms, 2022	185	207	237	300	248
	2017	158	161	230	225	204
acres, 2022	47,362	29,699	108,515	74,468	68,404	101,371
	2017	50,065	32,584	102,095	60,143	70,449
Average per farm .....	acres, 2022	256	143	458	248	276
	2017	317	202	444	267	345
Cropland planted to a cover crop (excluding CRP) .....	farms, 2022	143	122	77	68	118
	2017	154	120	58	61	103
acres, 2022	28,728	30,096	9,016	5,715	20,178	14,386
	2017	21,574	18,032	6,476	6,161	10,886
Average per farm .....	acres, 2022	201	247	117	84	171
	2017	140	150	112	101	106
Use of precision agriculture practices (see text) .....	farms, 2022	439	364	339	334	453
	2017	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 41. Land Use Practices: 2022 and 2017 (continued)**

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

Item	Butler	Calhoun	Carroll	Cass	Cedar	Cerro Gordo	
Land drained by tile .....	farms, 2022	475	461	626	322	463	427
	2017	514	538	611	318	460	436
acres, 2022	171,930	190,463	187,147	111,272	218,789	204,801	
	2017	202,636	255,549	190,008	92,908	188,018	194,675
Average per farm .....	acres, 2022	362	413	299	346	473	480
	2017	394	475	311	292	409	447
Land artificially drained by ditches .....	farms, 2022	64	86	113	101	77	57
	2017	91	56	117	90	76	52
acres, 2022	7,377	13,440	17,815	11,176	10,233	3,776	
	2017	9,884	18,561	21,837	20,424	7,665	3,922
Average per farm .....	acres, 2022	115	156	158	111	133	66
	2017	109	331	187	227	101	75
Land under conservation easement .....	farms, 2022	82	54	81	27	48	52
	2017	28	37	54	17	22	23
acres, 2022	3,082	1,357	3,026	806	2,474	1,129	
	2017	1,533	1,616	5,465	2,210	639	689
Average per farm .....	acres, 2022	38	25	37	30	52	22
	2017	55	44	101	130	29	30
Cropland on which no-till practices were used .....	farms, 2022	255	110	421	352	336	105
	2017	275	79	392	316	323	126
acres, 2022	63,985	34,461	122,005	185,355	129,070	27,953	
	2017	85,178	15,019	96,243	166,127	115,145	39,105
Average per farm .....	acres, 2022	251	313	290	527	384	266
	2017	310	190	246	526	356	310
Cropland on which conservation or reduced tillage, excluding no-till, practices were used (see text) .....	farms, 2022	347	240	386	162	370	248
	2017	347	325	414	149	325	247
acres, 2022	145,463	112,290	106,116	31,801	158,135	116,639	
	2017	161,081	183,403	157,734	37,268	118,748	145,508
Average per farm .....	acres, 2022	419	468	275	196	427	470
	2017	464	564	381	250	365	589
Cropland on which intensive or conventional tillage practices were used (see text) .....	farms, 2022	175	285	223	44	106	287
	2017	160	237	141	42	137	261
acres, 2022	53,190	126,392	66,093	7,869	26,839	153,507	
	2017	59,464	113,361	41,496	5,970	54,980	102,065
Average per farm .....	acres, 2022	304	443	296	179	253	535
	2017	372	478	294	142	401	391
Cropland planted to a cover crop (excluding CRP) .....	farms, 2022	74	51	91	113	102	55
	2017	108	74	110	84	110	19
acres, 2022	15,117	9,724	10,447	14,137	27,339	7,556	
	2017	13,656	8,384	10,489	6,678	19,053	1,837
Average per farm .....	acres, 2022	204	191	115	125	268	137
	2017	126	113	95	80	173	97
Use of precision agriculture practices (see text) .....	farms, 2022	284	317	454	242	337	298
	2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 41. Land Use Practices: 2022 and 2017 (continued)**

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

Item	Cherokee	Chickasaw	Clarke	Clay	Clayton	Clinton	
Land drained by tile .....	farms, 2022	449	685	84	390	516	541
	2017	527	647	90	388	448	585
..... acres, 2022	146,852	189,781	9,006	176,620	104,071	152,546	
	2017	147,132	207,386	7,461	207,969	95,712	187,346
Average per farm .....	acres, 2022	327	277	107	453	202	282
	2017	279	321	83	536	214	320
Land artificially drained by ditches .....	farms, 2022	58	45	71	50	135	129
	2017	47	50	75	57	118	181
..... acres, 2022	7,917	1,661	12,424	5,847	11,776	19,972	
	2017	5,732	2,080	18,144	10,068	14,453	27,349
Average per farm .....	acres, 2022	137	37	175	117	87	155
	2017	122	42	242	177	122	151
Land under conservation easement .....	farms, 2022	43	58	32	53	107	48
	2017	17	38	15	18	52	26
..... acres, 2022	1,452	1,282	1,879	1,682	3,414	1,805	
	2017	1,629	874	165	3,342	5,591	3,244
Average per farm .....	acres, 2022	34	22	59	32	32	38
	2017	96	23	11	186	108	125
Cropland on which no-till practices were used .....	farms, 2022	293	270	170	176	431	427
	2017	261	215	155	180	383	425
..... acres, 2022	81,810	55,305	33,776	64,894	120,349	125,966	
	2017	76,360	49,508	32,065	63,319	108,755	149,455
Average per farm .....	acres, 2022	279	205	199	369	279	295
	2017	293	230	207	352	284	352
Cropland on which conservation or reduced tillage, excluding no-till, practices were used (see text) .....	farms, 2022	368	348	67	254	438	407
	2017	407	367	83	279	388	446
..... acres, 2022	129,837	109,923	9,374	132,252	83,032	119,167	
	2017	146,601	127,919	13,370	139,115	83,080	128,711
Average per farm .....	acres, 2022	353	316	140	521	190	293
	2017	360	349	161	499	214	289
Cropland on which intensive or conventional tillage practices were used (see text) .....	farms, 2022	177	313	40	201	258	232
	2017	192	233	18	150	269	194
..... acres, 2022	54,511	59,731	1,581	55,209	29,597	36,411	
	2017	57,302	69,927	1,400	78,545	39,860	46,696
Average per farm .....	acres, 2022	308	191	40	275	115	157
	2017	298	300	78	524	148	241
Cropland planted to a cover crop (excluding CRP) .....	farms, 2022	59	101	55	51	201	132
	2017	70	93	53	48	199	124
..... acres, 2022	3,948	12,371	4,363	6,338	37,944	11,923	
	2017	7,300	9,641	3,084	5,739	23,102	9,944
Average per farm .....	acres, 2022	67	122	79	124	189	90
	2017	104	104	58	120	116	80
Use of precision agriculture practices (see text) .....	farms, 2022	365	345	55	286	351	394
	2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 41. Land Use Practices: 2022 and 2017 (continued)**

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

Item	Crawford	Dallas	Davis	Decatur	Delaware	Des Moines	
Land drained by tile .....	farms, 2022	306	383	112	86	840	249
	2017	326	452	97	111	768	245
acres, 2022	72,168	177,991	24,775	18,143	195,971	50,920	
	2017	75,225	189,990	12,454	13,365	208,031	70,073
Average per farm .....	acres, 2022	236	465	221	211	233	204
	2017	231	420	128	120	271	286
Land artificially drained by ditches .....	farms, 2022	91	102	151	123	110	95
	2017	145	113	108	123	93	102
acres, 2022	15,885	11,104	20,224	23,037	8,798	10,053	
	2017	37,396	13,445	16,313	26,083	6,905	13,505
Average per farm .....	acres, 2022	175	109	134	187	80	106
	2017	258	119	151	212	74	132
Land under conservation easement .....	farms, 2022	25	71	35	35	92	42
	2017	20	33	19	16	38	14
acres, 2022	3,130	1,746	1,706	1,428	2,987	796	
	2017	6,048	1,732	1,536	2,346	2,170	497
Average per farm .....	acres, 2022	125	25	49	41	32	19
	2017	302	52	81	147	57	36
Cropland on which no-till practices were used .....	farms, 2022	516	226	155	153	298	224
	2017	411	221	161	160	231	193
acres, 2022	258,668	58,074	29,042	50,152	47,174	27,546	
	2017	242,272	51,387	27,646	45,829	49,324	36,053
Average per farm .....	acres, 2022	501	257	187	328	158	123
	2017	589	233	172	286	214	187
Cropland on which conservation or reduced tillage, excluding no-till, practices were used (see text) .....	farms, 2022	272	231	166	96	570	199
	2017	290	262	164	75	574	189
acres, 2022	85,620	107,813	39,065	21,418	145,841	56,462	
	2017	91,794	118,307	41,113	20,025	159,352	62,079
Average per farm .....	acres, 2022	315	467	235	223	256	284
	2017	317	452	251	267	278	328
Cropland on which intensive or conventional tillage practices were used (see text) .....	farms, 2022	74	161	131	37	383	130
	2017	58	163	82	51	366	114
acres, 2022	14,730	68,988	14,204	4,522	73,200	26,772	
	2017	18,707	67,674	5,050	11,503	76,765	30,630
Average per farm .....	acres, 2022	199	428	108	122	191	206
	2017	323	415	62	226	210	269
Cropland planted to a cover crop (excluding CRP) .....	farms, 2022	119	79	152	77	190	67
	2017	121	82	140	43	197	52
acres, 2022	17,789	7,510	9,692	9,008	15,158	4,965	
	2017	14,985	4,704	10,027	6,218	11,995	4,699
Average per farm .....	acres, 2022	149	95	64	117	80	74
	2017	124	57	72	145	61	90
Use of precision agriculture practices (see text) .....	farms, 2022	360	279	98	82	579	202
	2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 41. Land Use Practices: 2022 and 2017 (continued)**

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

Item	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin	Fremont	
Land drained by tile .....	farms, 2022	228	562	262	743	532	502	107
	2017	238	562	338	683	519	469	134
..... acres, 2022	109,415	89,954	142,782	240,985	196,931	205,873	22,441	
	2017	117,663	89,380	177,304	223,050	204,588	31,728	
Average per farm .....	acres, 2022	480	160	545	324	370	410	210
	2017	494	159	525	327	394	514	237
Land artificially drained by ditches .....	farms, 2022	33	186	50	82	36	68	62
	2017	41	164	50	71	41	46	96
..... acres, 2022	5,330	20,240	8,523	5,249	1,692	12,776	21,081	
	2017	12,182	18,363	16,025	6,572	2,287	11,046	47,953
Average per farm .....	acres, 2022	162	109	170	64	47	188	340
	2017	297	112	321	93	56	240	500
Land under conservation easement .....	farms, 2022	35	56	33	123	78	88	23
	2017	8	22	14	36	27	20	19
..... acres, 2022	1,645	3,111	1,499	4,488	1,421	3,549	1,391	
	2017	546	1,941	1,402	1,702	514	1,354	3,195
Average per farm .....	acres, 2022	47	56	45	36	18	40	60
	2017	68	88	100	47	19	68	168
Cropland on which no-till practices were used .....	farms, 2022	89	505	50	322	180	185	216
	2017	62	378	67	314	230	171	256
..... acres, 2022	19,243	72,928	14,530	94,220	47,669	55,462	129,596	
	2017	13,687	82,117	13,536	75,761	60,645	46,623	129,532
Average per farm .....	acres, 2022	216	144	291	293	265	300	600
	2017	221	217	202	241	264	273	506
Cropland on which conservation or reduced tillage, excluding no-till, practices were used (see text) .....	farms, 2022	137	524	134	480	311	321	117
	2017	171	513	228	446	305	300	122
..... acres, 2022	57,307	98,892	101,414	154,624	125,202	175,891	68,143	
	2017	97,079	92,590	134,978	149,674	112,982	169,923	53,096
Average per farm .....	acres, 2022	418	189	757	322	403	548	582
	2017	568	180	592	336	370	566	435
Cropland on which intensive or conventional tillage practices were used (see text) .....	farms, 2022	124	343	143	260	285	226	76
	2017	102	305	110	235	242	196	86
..... acres, 2022	61,480	40,427	73,428	65,477	77,932	70,654	22,419	
	2017	54,527	30,651	50,988	66,071	85,842	97,882	48,121
Average per farm .....	acres, 2022	496	118	513	252	273	313	295
	2017	535	100	464	281	355	499	560
Cropland planted to a cover crop (excluding CRP) .....	farms, 2022	31	267	25	145	109	55	49
	2017	25	221	23	121	117	47	41
..... acres, 2022	4,019	31,194	2,148	18,131	23,963	11,376	6,752	
	2017	3,377	15,779	4,118	14,624	11,858	8,360	8,171
Average per farm .....	acres, 2022	130	117	86	125	220	207	138
	2017	135	71	179	121	101	178	199
Use of precision agriculture practices (see text) .....	farms, 2022	175	441	166	417	326	374	165
	2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 41. Land Use Practices: 2022 and 2017 (continued)**

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

Item	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison	
Land drained by tile .....	farms, 2022	432	429	359	409	560	460	151
	2017	438	486	357	428	513	522	140
..... acres, 2022	204,952	232,883	92,892	234,936	233,135	199,885	16,271	16,271
	2017	254,627	243,791	126,476	230,856	261,607	250,862	12,491
Average per farm .....	acres, 2022	474	543	259	574	416	435	108
	2017	581	502	354	539	510	481	89
Land artificially drained by ditches .....	farms, 2022	60	36	152	51	94	47	119
	2017	69	37	116	60	62	69	124
..... acres, 2022	11,368	4,001	26,474	21,069	31,619	8,085	54,676	54,676
	2017	9,938	3,874	20,466	28,328	30,459	11,683	60,519
Average per farm .....	acres, 2022	189	111	174	413	336	172	459
	2017	144	105	176	472	491	169	488
Land under conservation easement .....	farms, 2022	60	46	59	55	40	59	45
	2017	29	19	17	20	23	16	18
..... acres, 2022	1,856	759	2,091	3,795	(D)	1,742	3,688	3,688
	2017	1,011	1,123	1,879	1,642	1,716	346	5,027
Average per farm .....	acres, 2022	31	17	35	69	(D)	30	82
	2017	35	59	111	82	75	22	279
Cropland on which no-till practices were used .....	farms, 2022	169	229	354	123	82	206	356
	2017	117	218	289	82	84	170	344
..... acres, 2022	69,400	93,773	134,552	25,840	16,691	41,202	180,454	180,454
	2017	39,613	75,734	142,938	30,275	20,689	46,984	173,120
Average per farm .....	acres, 2022	411	409	380	210	204	200	507
	2017	339	347	495	369	246	276	503
Cropland on which conservation or reduced tillage, excluding no-till, practices were used (see text) .....	farms, 2022	275	278	172	253	299	328	176
	2017	235	318	160	217	264	312	198
..... acres, 2022	115,184	144,412	36,633	163,966	172,425	143,941	59,513	59,513
	2017	131,866	161,693	48,495	141,778	155,520	148,482	101,129
Average per farm .....	acres, 2022	419	519	213	648	577	439	338
	2017	561	508	303	653	589	476	511
Cropland on which intensive or conventional tillage practices were used (see text) .....	farms, 2022	193	141	78	252	371	193	120
	2017	232	119	60	206	301	182	94
..... acres, 2022	85,807	60,713	12,613	141,868	118,819	101,802	57,007	57,007
	2017	135,057	50,178	24,184	110,757	140,708	96,935	36,616
Average per farm .....	acres, 2022	445	431	162	563	320	527	475
	2017	582	422	403	538	467	533	390
Cropland planted to a cover crop (excluding CRP) .....	farms, 2022	68	94	80	27	36	44	63
	2017	63	84	86	34	29	66	59
..... acres, 2022	19,495	29,100	11,127	5,509	4,212	5,602	7,559	7,559
	2017	10,573	21,788	10,548	2,937	2,915	6,391	5,866
Average per farm .....	acres, 2022	287	310	139	204	117	127	120
	2017	168	259	123	86	101	97	99
Use of precision agriculture practices (see text) .....	farms, 2022	337	277	222	311	407	329	283
	2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 41. Land Use Practices: 2022 and 2017 (continued)**

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	
Land drained by tile .....	farms, 2022	296	472	362	169	478	278	554
	2017	343	509	342	224	521	227	532
acres, 2022	78,330	147,895	157,828	57,800	159,216	34,184	251,754	
	2017	89,370	186,607	165,019	78,507	166,420	36,908	196,382
Average per farm .....	acres, 2022	265	313	436	342	333	123	454
	2017	261	367	483	350	319	163	369
Land artificially drained by ditches .....	farms, 2022	95	46	44	37	118	128	150
	2017	140	30	49	52	136	156	148
acres, 2022	9,011	2,757	14,108	4,255	18,677	20,732	20,509	
	2017	18,442	1,455	14,725	5,961	26,275	35,277	18,907
Average per farm .....	acres, 2022	95	60	321	115	158	162	137
	2017	132	49	301	115	193	226	128
Land under conservation easement .....	farms, 2022	44	93	32	23	66	50	64
	2017	18	28	12	10	23	18	31
acres, 2022	982	2,907	1,195	(D)	2,103	1,856	2,632	
	2017	800	1,849	761	8,610	1,930	2,437	3,278
Average per farm .....	acres, 2022	22	31	37	(D)	32	37	41
	2017	44	66	63	861	84	135	106
Cropland on which no-till practices were used .....	farms, 2022	221	172	65	148	366	407	463
	2017	260	160	31	167	352	339	448
acres, 2022	40,001	47,435	11,956	85,313	114,667	86,101	211,284	
	2017	56,912	52,571	7,941	95,759	116,876	95,035	183,816
Average per farm .....	acres, 2022	181	276	184	576	313	212	456
	2017	219	329	256	573	332	280	410
Cropland on which conservation or reduced tillage, excluding no-till, practices were used (see text) .....	farms, 2022	236	283	167	164	328	334	371
	2017	250	315	193	195	276	321	299
acres, 2022	98,886	128,375	97,798	73,069	108,121	50,140	110,569	
	2017	80,984	149,285	112,156	97,139	97,393	58,138	90,822
Average per farm .....	acres, 2022	419	454	586	446	330	150	298
	2017	324	474	581	498	353	181	304
Cropland on which intensive or conventional tillage practices were used (see text) .....	farms, 2022	96	175	252	68	91	174	104
	2017	146	150	230	72	106	143	69
acres, 2022	17,819	53,904	92,412	17,999	17,322	16,351	24,013	
	2017	39,187	43,233	95,961	32,329	19,318	12,687	16,536
Average per farm .....	acres, 2022	186	308	367	265	190	94	231
	2017	268	288	417	449	182	89	240
Cropland planted to a cover crop (excluding CRP) .....	farms, 2022	107	124	37	44	133	124	108
	2017	89	97	34	45	156	154	130
acres, 2022	10,330	23,152	6,639	4,417	24,389	14,435	13,660	
	2017	9,919	14,203	7,641	2,863	23,528	11,978	16,510
Average per farm .....	acres, 2022	97	187	179	100	183	116	126
	2017	111	146	225	64	151	78	127
Use of precision agriculture practices (see text) .....	farms, 2022	199	246	271	145	300	240	436
	2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 41. Land Use Practices: 2022 and 2017 (continued)**

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

Item	Jefferson	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	
Land drained by tile .....	farms, 2022	229	597	460	429	869	189	694
	2017	188	639	510	489	878	183	664
acres, 2022	55,208	123,556	161,727	105,469	412,705	34,991	188,410	
	2017	63,600	148,546	157,821	158,105	433,407	27,821	194,518
Average per farm .....	acres, 2022	241	207	352	246	475	185	271
	2017	338	232	309	323	494	152	293
Land artificially drained by ditches .....	farms, 2022	107	145	114	173	94	101	110
	2017	98	169	114	159	97	109	119
acres, 2022	8,124	11,495	10,080	21,128	33,556	13,587	6,426	
	2017	12,957	13,811	14,333	35,621	43,382	11,059	6,339
Average per farm .....	acres, 2022	76	79	88	122	357	135	58
	2017	132	82	126	224	447	101	53
Land under conservation easement .....	farms, 2022	46	79	79	75	72	48	88
	2017	23	26	33	21	26	25	38
acres, 2022	1,258	2,367	3,734	2,093	3,087	2,125	2,049	
	2017	1,104	1,113	5,665	1,650	573	1,602	1,859
Average per farm .....	acres, 2022	27	30	47	28	43	44	23
	2017	48	43	172	79	22	64	49
Cropland on which no-till practices were used .....	farms, 2022	171	499	315	349	97	227	426
	2017	184	457	323	364	96	220	371
acres, 2022	57,663	110,745	78,581	91,549	29,454	38,259	93,332	
	2017	69,723	132,098	84,041	111,977	18,600	38,677	81,942
Average per farm .....	acres, 2022	337	222	249	262	304	169	219
	2017	379	289	260	308	194	176	221
Cropland on which conservation or reduced tillage, excluding no-till, practices were used (see text) .....	farms, 2022	147	307	381	251	413	212	485
	2017	113	306	432	282	442	246	426
acres, 2022	65,307	69,301	116,342	65,135	258,968	61,859	141,351	
	2017	47,804	78,356	132,018	73,450	279,907	70,704	128,345
Average per farm .....	acres, 2022	444	226	305	260	627	292	291
	2017	423	256	306	260	633	287	301
Cropland on which intensive or conventional tillage practices were used (see text) .....	farms, 2022	89	139	147	108	562	138	204
	2017	61	168	164	105	522	151	222
acres, 2022	7,185	12,534	36,189	15,074	234,061	33,449	34,453	
	2017	18,169	19,153	32,111	22,717	236,334	26,849	44,135
Average per farm .....	acres, 2022	81	90	246	140	416	242	169
	2017	298	114	196	216	453	178	199
Cropland planted to a cover crop (excluding CRP) .....	farms, 2022	100	231	130	142	76	96	155
	2017	89	227	134	176	59	82	155
acres, 2022	14,030	25,487	12,671	21,465	13,558	7,564	21,041	
	2017	17,224	21,561	7,230	24,317	8,885	5,306	14,745
Average per farm .....	acres, 2022	140	110	97	151	178	79	136
	2017	194	95	54	138	151	65	95
Use of precision agriculture practices (see text) .....	farms, 2022	114	309	298	277	602	156	443
	2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 41. Land Use Practices: 2022 and 2017 (continued)**

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

Item	Louisa	Lucas	Lyon	Madison	Mahaska	Marion	Marshall	
Land drained by tile .....	farms, 2022	226	69	552	322	503	360	479
	2017	234	70	618	313	498	413	491
..... acres, 2022	66,836	7,117	132,708	95,129	146,088	82,833	206,584	
	2017	68,669	6,852	146,836	87,362	154,887	96,606	195,764
Average per farm .....	acres, 2022	296	103	240	295	290	230	431
	2017	293	98	238	279	311	234	399
Land artificially drained by ditches .....	farms, 2022	98	75	95	182	122	172	80
	2017	84	72	111	123	143	181	88
..... acres, 2022	15,537	7,155	9,977	19,999	20,746	11,231	15,053	
	2017	28,672	10,546	17,425	16,353	13,146	18,531	8,131
Average per farm .....	acres, 2022	159	95	105	110	170	65	188
	2017	341	146	157	133	92	102	92
Land under conservation easement .....	farms, 2022	27	27	39	67	49	74	77
	2017	15	23	21	28	35	38	19
..... acres, 2022	985	1,308	4,997	2,009	2,033	3,594	3,892	3,892
	2017	380	1,696	4,026	4,356	3,890	2,067	459
Average per farm .....	acres, 2022	36	48	128	30	41	49	51
	2017	25	74	192	156	111	54	24
Cropland on which no-till practices were used .....	farms, 2022	196	130	305	279	374	307	372
	2017	183	140	299	277	344	345	347
..... acres, 2022	55,627	32,938	68,139	80,788	104,891	88,976	161,545	
	2017	55,854	37,428	66,480	77,185	86,273	102,551	137,126
Average per farm .....	acres, 2022	284	253	223	290	280	290	434
	2017	305	267	222	279	251	297	395
Cropland on which conservation or reduced tillage, excluding no-till, practices were used (see text) .....	farms, 2022	193	75	462	224	300	174	290
	2017	157	81	461	163	332	195	295
..... acres, 2022	63,170	18,169	136,972	70,291	95,651	41,092	99,214	
	2017	60,985	13,198	146,956	50,157	99,872	35,129	118,821
Average per farm .....	acres, 2022	327	242	296	314	319	236	342
	2017	388	163	319	308	301	180	403
Cropland on which intensive or conventional tillage practices were used (see text) .....	farms, 2022	82	26	276	96	114	61	99
	2017	84	21	349	69	113	86	78
..... acres, 2022	19,797	2,664	62,885	15,849	19,172	6,786	18,626	
	2017	30,291	2,646	93,967	8,764	34,895	12,212	11,334
Average per farm .....	acres, 2022	241	102	228	165	168	111	188
	2017	361	126	269	127	309	142	145
Cropland planted to a cover crop (excluding CRP) .....	farms, 2022	66	40	124	86	118	90	88
	2017	83	38	143	89	94	120	92
..... acres, 2022	11,152	4,474	13,844	9,199	27,120	10,943	21,487	
	2017	16,072	5,061	14,971	4,905	10,011	8,941	15,100
Average per farm .....	acres, 2022	169	112	112	107	230	122	244
	2017	194	133	105	55	107	75	164
Use of precision agriculture practices (see text) .....	farms, 2022	184	45	450	166	287	177	310
	2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 41. Land Use Practices: 2022 and 2017 (continued)**

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

Item	Mills	Mitchell	Monona	Monroe	Montgomery	Muscatine	O'Brien	
Land drained by tile .....	farms, 2022	89	439	56	110	258	286	571
	2017	125	490	52	109	282	282	598
acres, 2022	17,335	168,866	5,463	17,430	88,255	78,500	172,009	
	2017	15,776	178,527	4,504	14,392	94,604	81,152	190,254
Average per farm .....	acres, 2022	195	385	98	158	342	274	301
	2017	126	364	87	132	335	288	318
Land artificially drained by ditches .....	farms, 2022	60	39	176	68	106	123	55
	2017	71	39	135	91	77	127	86
acres, 2022	16,115	6,050	91,711	6,305	17,029	13,310	6,252	
	2017	10,847	2,097	71,699	13,610	16,116	18,279	13,132
Average per farm .....	acres, 2022	269	155	521	93	161	108	114
	2017	153	54	531	150	209	144	153
Land under conservation easement .....	farms, 2022	30	52	31	30	46	44	53
	2017	13	19	37	18	18	21	10
acres, 2022	1,041	939	1,203	1,356	2,946	1,069	745	
	2017	245	536	2,068	1,375	5,981	1,155	1,344
Average per farm .....	acres, 2022	35	18	39	45	64	24	14
	2017	19	28	56	76	332	55	134
Cropland on which no-till practices were used .....	farms, 2022	198	145	218	151	274	287	219
	2017	215	145	193	190	309	240	186
acres, 2022	141,487	34,799	113,878	26,646	139,288	75,335	47,608	
	2017	135,090	40,228	117,181	35,016	141,925	79,986	50,017
Average per farm .....	acres, 2022	715	240	522	176	508	262	217
	2017	628	277	607	184	459	333	269
Cropland on which conservation or reduced tillage, excluding no-till, practices were used (see text) .....	farms, 2022	78	260	176	150	130	192	341
	2017	95	305	165	123	149	222	380
acres, 2022	14,194	100,023	92,639	32,683	36,707	55,517	107,083	
	2017	32,666	120,719	61,397	19,501	38,256	70,556	140,170
Average per farm .....	acres, 2022	182	385	526	218	282	289	314
	2017	344	396	372	159	257	318	369
Cropland on which intensive or conventional tillage practices were used (see text) .....	farms, 2022	33	276	170	38	29	105	320
	2017	57	264	129	38	35	75	302
acres, 2022	21,980	88,787	130,220	5,958	4,264	21,923	84,452	
	2017	9,082	89,156	88,075	5,653	5,065	17,467	92,864
Average per farm .....	acres, 2022	666	322	766	157	147	209	264
	2017	159	338	683	149	145	233	307
Cropland planted to a cover crop (excluding CRP) .....	farms, 2022	38	105	55	58	60	85	41
	2017	39	88	49	62	67	83	44
acres, 2022	14,410	19,856	9,246	5,871	8,930	13,189	3,941	
	2017	6,361	13,101	4,778	4,049	5,492	10,169	3,229
Average per farm .....	acres, 2022	379	189	168	101	149	155	96
	2017	163	149	98	65	82	123	73
Use of precision agriculture practices (see text) .....	farms, 2022	136	303	253	83	158	215	454
	2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 41. Land Use Practices: 2022 and 2017 (continued)**

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

Item	Osceola	Page	Palo Alto	Plymouth	Pocahontas	Polk	Pottawattamie	
Land drained by tile .....	farms, 2022	334	342	464	485	546	316	359
		2017	326	404	469	507	306	373
..... acres, 2022	120,825	136,450	241,040	97,243	234,114	116,866	79,660	
		2017	124,712	147,224	238,326	86,383	257,159	99,075
Average per farm .....	acres, 2022	362	399	519	201	429	370	222
		2017	383	364	508	188	507	324
Land artificially drained by ditches .....	farms, 2022	44	121	46	86	75	102	165
		2017	38	149	72	122	82	87
..... acres, 2022	4,604	19,899	12,318	10,132	23,536	15,014	58,530	
		2017	6,925	24,853	22,570	30,844	7,507	36,452
Average per farm .....	acres, 2022	105	164	268	118	314	147	355
		2017	182	167	313	187	376	86
Land under conservation easement .....	farms, 2022	28	58	65	63	66	42	66
		2017	9	17	18	31	17	11
..... acres, 2022	717	6,791	3,413	5,029	1,043	1,430	6,113	
		2017	205	1,733	1,324	2,473	271	280
Average per farm .....	acres, 2022	26	117	53	80	16	34	93
		2017	23	102	74	80	16	25
Cropland on which no-till practices were used .....	farms, 2022	94	329	82	599	120	173	686
		2017	78	422	57	472	68	202
..... acres, 2022	32,929	161,858	16,430	190,907	27,180	44,273	369,324	
		2017	23,466	184,864	10,455	158,463	26,861	43,679
Average per farm .....	acres, 2022	350	492	200	319	227	256	538
		2017	301	438	183	336	395	216
Cropland on which conservation or reduced tillage, excluding no-till, practices were used (see text) .....	farms, 2022	152	174	277	550	265	213	271
		2017	231	199	262	578	257	186
..... acres, 2022	55,482	44,709	161,467	214,439	142,307	68,154	90,166	
		2017	114,280	53,214	154,804	217,899	140,687	77,302
Average per farm .....	acres, 2022	365	257	583	390	537	320	333
		2017	495	267	591	377	547	416
Cropland on which intensive or conventional tillage practices were used (see text) .....	farms, 2022	225	29	264	198	350	100	71
		2017	189	39	266	181	290	127
..... acres, 2022	89,517	4,823	133,171	50,715	120,229	36,622	20,296	
		2017	77,416	7,376	142,203	51,397	140,454	38,137
Average per farm .....	acres, 2022	398	166	504	256	344	366	286
		2017	410	189	535	284	484	300
Cropland planted to a cover crop (excluding CRP) .....	farms, 2022	33	95	45	138	54	75	142
		2017	44	111	42	115	45	65
..... acres, 2022	4,217	10,564	7,653	19,135	10,008	11,076	19,846	
		2017	5,756	11,933	3,777	15,127	8,546	8,280
Average per farm .....	acres, 2022	128	111	170	139	185	148	140
		2017	131	108	90	132	190	127
Use of precision agriculture practices (see text) .....	farms, 2022	250	229	319	500	410	209	453
		2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 41. Land Use Practices: 2022 and 2017 (continued)**

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

Item	Poweshiek	Ringgold	Sac	Scott	Shelby	Sioux	Story
Land drained by tile .....	farms, 2022	422	163	507	310	381	524
	2017	506	188	543	341	392	486
..... acres, 2022	171,970	39,694	187,606	101,289	69,693	180,443	172,710
	2017	188,233	42,384	209,990	122,206	73,091	209,445
Average per farm .....	acres, 2022	408	244	370	327	183	330
	2017	372	225	387	358	186	431
Land artificially drained by ditches .....	farms, 2022	101	107	70	94	118	114
	2017	131	121	90	68	143	108
..... acres, 2022	22,847	35,072	13,542	7,756	18,422	12,550	8,194
	2017	22,654	24,316	11,464	11,147	24,638	11,646
Average per farm .....	acres, 2022	226	328	193	83	156	72
	2017	173	201	127	164	172	108
Land under conservation easement .....	farms, 2022	61	32	55	28	66	57
	2017	15	26	36	17	32	23
..... acres, 2022	2,269	2,358	2,056	1,487	3,039	2,783	1,221
	2017	3,292	3,942	1,832	1,661	6,272	1,121
Average per farm .....	acres, 2022	37	74	37	53	46	21
	2017	219	152	51	98	196	49
Cropland on which no-till practices were used .....	farms, 2022	325	191	279	262	560	176
	2017	352	208	184	264	537	144
..... acres, 2022	121,706	95,413	83,677	82,694	239,365	121,773	40,446
	2017	131,280	81,109	64,696	79,560	264,634	32,251
Average per farm .....	acres, 2022	374	500	300	316	427	230
	2017	373	390	352	301	493	224
Cropland on which conservation or reduced tillage, excluding no-till, practices were used (see text) .....	farms, 2022	275	103	327	249	204	358
	2017	324	79	348	266	211	293
..... acres, 2022	79,056	21,304	135,124	71,132	45,115	184,511	131,339
	2017	94,972	16,301	166,346	86,605	46,905	152,742
Average per farm .....	acres, 2022	287	207	413	286	221	367
	2017	293	206	478	326	222	521
Cropland on which intensive or conventional tillage practices were used (see text) .....	farms, 2022	77	45	210	125	75	257
	2017	80	40	208	125	49	228
..... acres, 2022	17,427	4,962	79,506	21,952	10,396	124,907	87,952
	2017	24,025	6,443	81,855	20,527	6,438	79,963
Average per farm .....	acres, 2022	226	110	379	176	139	342
	2017	300	161	394	164	131	351
Cropland planted to a cover crop (excluding CRP) .....	farms, 2022	122	51	60	73	93	116
	2017	122	48	87	63	89	112
..... acres, 2022	16,968	2,831	6,504	15,296	9,143	27,896	19,484
	2017	10,447	2,297	9,275	7,004	7,979	14,615
Average per farm .....	acres, 2022	139	56	108	210	98	168
	2017	86	48	107	111	90	130
Use of precision agriculture practices (see text) .....	farms, 2022	267	96	330	257	355	339
	2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 41. Land Use Practices: 2022 and 2017 (continued)**

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

Item	Tama	Taylor	Union	Van Buren	Wapello	Warren	Washington	
Land drained by tile .....	farms, 2022	548	256	208	119	196	375	590
	2017	552	316	259	117	200	387	590
..... acres, 2022	185,393	121,446	78,251	18,834	42,101	61,327	134,574	
	2017	217,825	108,557	86,556	16,494	62,637	157,154	
Average per farm .....	acres, 2022	338	474	376	158	215	164	228
	2017	395	344	334	141	313	157	266
Land artificially drained by ditches .....	farms, 2022	99	103	89	115	116	226	187
	2017	105	131	91	77	114	223	186
..... acres, 2022	16,797	20,317	11,010	15,398	9,556	16,698	17,445	
	2017	13,617	24,679	14,338	9,304	7,825	20,778	
Average per farm .....	acres, 2022	170	197	124	134	82	74	93
	2017	130	188	158	121	69	93	89
Land under conservation easement .....	farms, 2022	90	39	29	55	37	73	91
	2017	24	22	21	22	24	36	43
..... acres, 2022	2,706	4,017	3,891	1,952	1,368	1,977	5,444	
	2017	1,737	3,246	1,824	2,400	1,041	1,908	
Average per farm .....	acres, 2022	30	103	134	35	37	27	60
	2017	72	148	87	109	43	53	130
Cropland on which no-till practices were used .....	farms, 2022	451	251	176	134	121	360	433
	2017	425	282	198	139	140	314	409
..... acres, 2022	140,281	134,434	77,518	23,538	19,085	93,183	118,454	
	2017	124,851	130,034	84,214	25,167	25,688	80,252	
Average per farm .....	acres, 2022	311	536	440	176	158	259	274
	2017	294	461	425	181	183	256	300
Cropland on which conservation or reduced tillage, excluding no-till, practices were used (see text) .....	farms, 2022	343	92	78	141	177	214	276
	2017	386	131	120	150	128	204	308
..... acres, 2022	112,073	37,340	25,696	46,423	68,400	67,127	67,389	
	2017	155,453	28,618	29,093	50,839	79,030	45,957	
Average per farm .....	acres, 2022	327	406	329	329	386	314	244
	2017	403	218	242	339	617	225	241
Cropland on which intensive or conventional tillage practices were used (see text) .....	farms, 2022	164	39	51	129	83	126	168
	2017	128	27	35	96	81	81	143
..... acres, 2022	26,193	9,553	3,495	26,487	27,376	5,104	27,610	
	2017	37,255	8,721	13,486	16,277	12,235	20,134	
Average per farm .....	acres, 2022	160	245	69	205	330	41	164
	2017	291	323	385	170	151	97	141
Cropland planted to a cover crop (excluding CRP) .....	farms, 2022	140	49	47	74	66	92	256
	2017	107	57	55	80	61	69	226
..... acres, 2022	18,127	4,958	3,575	6,985	5,184	5,469	37,955	
	2017	15,942	5,750	3,055	2,955	7,334	4,944	
Average per farm .....	acres, 2022	129	101	76	94	79	59	148
	2017	149	101	56	37	120	72	136
Use of precision agriculture practices (see text) .....	farms, 2022	393	124	105	88	107	194	337
	2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 41. Land Use Practices: 2022 and 2017 (continued)**

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

Item	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Land drained by tile .....	farms, 2022	80	537	320	507	157	413
	2017	93	579	340	521	153	432
acres, 2022	20,591	240,188	132,419	105,165	39,004	99,194	258,364
	2017	13,612	315,202	182,208	103,336	31,290	168,814
Average per farm .....	acres, 2022	257	447	414	207	248	626
	2017	146	544	536	198	205	604
Land artificially drained by ditches .....	farms, 2022	85	61	67	68	164	88
	2017	95	77	70	72	116	69
acres, 2022	27,538	12,775	15,726	5,085	60,535	11,158	21,360
	2017	11,778	20,073	25,723	7,361	53,767	11,471
Average per farm .....	acres, 2022	324	209	235	75	369	243
	2017	124	261	367	102	464	281
Land under conservation easement .....	farms, 2022	46	71	58	113	45	61
	2017	33	16	44	70	28	16
acres, 2022	2,475	2,070	2,146	5,347	3,447	3,670	899
	2017	3,336	364	3,893	5,290	1,663	1,222
Average per farm .....	acres, 2022	54	29	37	47	77	80
	2017	101	23	88	76	59	76
Cropland on which no-till practices were used .....	farms, 2022	173	110	46	332	425	81
	2017	179	90	34	323	372	81
acres, 2022	98,543	26,617	7,852	93,739	232,498	19,454	17,597
	2017	72,794	31,463	6,961	62,960	222,545	20,255
Average per farm .....	acres, 2022	570	242	171	282	547	240
	2017	407	350	205	195	598	284
Cropland on which conservation or reduced tillage, excluding no-till, practices were used (see text) .....	farms, 2022	116	259	214	443	216	151
	2017	86	286	197	556	223	157
acres, 2022	52,333	129,053	111,997	110,538	82,471	58,824	131,141
	2017	43,613	187,283	122,191	157,633	87,756	92,531
Average per farm .....	acres, 2022	451	498	523	250	382	390
	2017	507	655	620	284	394	589
Cropland on which intensive or conventional tillage practices were used (see text) .....	farms, 2022	46	346	159	273	144	163
	2017	45	319	167	239	132	192
acres, 2022	13,169	157,090	48,647	41,084	59,552	57,408	186,468
	2017	10,487	149,912	84,275	35,628	41,187	95,977
Average per farm .....	acres, 2022	286	454	306	150	414	352
	2017	233	470	505	149	312	500
Cropland planted to a cover crop (excluding CRP) .....	farms, 2022	55	54	34	220	57	42
	2017	49	35	14	203	74	22
acres, 2022	10,449	7,782	6,782	25,267	12,890	5,947	7,014
	2017	3,072	7,198	1,331	17,029	6,809	3,293
Average per farm .....	acres, 2022	190	144	199	115	226	142
	2017	63	206	95	84	92	150
Use of precision agriculture practices (see text) .....	farms, 2022	104	366	207	400	353	208
	2017	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

**Table 42. Organic Agriculture: 2022 and 2017**

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

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	
<b>VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES</b>							
Total organic product sales .....	farms, 2022	692	4	-	22	-	4
	2017	676	8	-	18	1	2
\$1,000, 2022	191,926	(D)	-	6,641	-	-	1,048
	2017	95,193	(D)	-	2,712	(D)	(D)
By value of sales:							
\$1 to \$4,999 .....	farms, 2022	57	2	-	1	-	-
	2017	87	7	-	2	1	-
\$1,000, 2022	80	(D)	-	(D)	-	-	-
	2017	142	(D)	-	(D)	(D)	-
\$5,000 or more .....	farms, 2022	635	2	-	21	-	4
	2017	589	1	-	16	-	2
\$1,000, 2022	191,847	(D)	-	(D)	-	-	1,048
	2017	95,051	(D)	-	(D)	-	(D)
<b>TYPE OF PRODUCTION</b>							
USDA National Organic Program certified organic production .....	farms, 2022	747	2	-	22	-	4
	2017	758	9	-	17	-	2
USDA National Organic Program organic production exempt from certification .....	farms, 2022	36	2	-	-	-	-
	2017	27	-	-	1	1	-
Acres transitioning into USDA National Organic Program organic production .....	farms, 2022	97	-	-	1	-	3
	2017	155	1	-	-	-	-

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**Table 42. Organic Agriculture: 2022 and 2017 (continued)**

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

Item	Benton	Black Hawk	Boone	Bremer	Buchanan	Buena Vista
<b>VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES</b>						
Total organic product sales ..... farms, 2022	8	4	1	2	29	1
2017	11	2	2	9	32	4
\$1,000, 2022	492	131	(D)	(D)	2,109	(D)
2017	1,202	(D)	(D)	180	2,066	(D)
By value of sales:						
\$1 to \$4,999 ..... farms, 2022	-	-	1	2	-	-
2017	-	1	1	1	2	-
\$1,000, 2022	-	-	(D)	(D)	-	-
2017	-	(D)	(D)	(D)	(D)	-
\$5,000 or more ..... farms, 2022	8	4	-	-	29	1
2017	11	1	1	8	30	4
\$1,000, 2022	492	131	-	-	2,109	(D)
2017	1,202	(D)	(D)	(D)	(D)	(D)
<b>TYPE OF PRODUCTION</b>						
USDA National Organic Program certified organic production ..... farms, 2022	8	4	1	2	37	2
2017	11	4	4	9	33	4
USDA National Organic Program organic production exempt from certification ..... farms, 2022	-	-	-	-	-	-
2017	-	1	-	1	-	-
Acres transitioning into USDA National Organic Program organic production ..... farms, 2022	-	1	-	3	5	-
2017	1	-	-	1	8	1
Item	Butler	Calhoun	Carroll	Cass	Cedar	Cerro Gordo
<b>VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES</b>						
Total organic product sales ..... farms, 2022	6	-	5	1	4	3
2017	3	3	2	7	3	1
\$1,000, 2022	3,001	-	1,332	(D)	179	652
2017	(D)	274	(D)	87	221	(D)
By value of sales:						
\$1 to \$4,999 ..... farms, 2022	-	-	-	-	1	-
2017	-	-	-	-	-	-
\$1,000, 2022	-	-	-	-	(D)	-
2017	-	-	-	-	-	-
\$5,000 or more ..... farms, 2022	6	-	5	1	3	3
2017	3	3	2	7	3	1
\$1,000, 2022	3,001	-	1,332	(D)	(D)	652
2017	(D)	274	(D)	87	221	(D)
<b>TYPE OF PRODUCTION</b>						
USDA National Organic Program certified organic production ..... farms, 2022	6	-	8	1	5	3
2017	3	5	10	7	4	1
USDA National Organic Program organic production exempt from certification ..... farms, 2022	-	-	-	-	1	-
2017	-	2	-	-	-	-
Acres transitioning into USDA National Organic Program organic production ..... farms, 2022	-	-	-	-	-	-
2017	4	3	-	-	8	-
Item	Cherokee	Chickasaw	Clarke	Clay	Clayton	Clinton
<b>VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES</b>						
Total organic product sales ..... farms, 2022	1	-	3	2	9	2
2017	1	1	-	1	23	2
\$1,000, 2022	(D)	-	91	(D)	1,208	(D)
2017	(D)	(D)	-	(D)	3,609	(D)
By value of sales:						
\$1 to \$4,999 ..... farms, 2022	-	-	-	-	-	-
2017	-	-	-	1	2	-
\$1,000, 2022	-	-	-	-	-	-
2017	-	-	-	(D)	(D)	-
\$5,000 or more ..... farms, 2022	1	-	3	2	9	2
2017	1	1	-	-	21	2
\$1,000, 2022	(D)	-	91	(D)	1,208	(D)
2017	(D)	(D)	-	-	(D)	(D)
<b>TYPE OF PRODUCTION</b>						
USDA National Organic Program certified organic production ..... farms, 2022	1	-	4	2	9	2
2017	1	1	1	1	30	1
USDA National Organic Program organic production exempt from certification ..... farms, 2022	-	-	-	-	-	1
2017	-	-	-	-	-	1
Acres transitioning into USDA National Organic Program organic production ..... farms, 2022	-	-	1	-	-	-
2017	1	-	-	-	6	-

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**Table 42. Organic Agriculture: 2022 and 2017 (continued)**

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

Item	Crawford	Dallas	Davis	Decatur	Delaware	Des Moines	
<b>VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES</b>							
Total organic product sales ..... farms, 2022	2	5	51	-	4	8	
2017	3	12	36	3	8	2	
\$1,000, 2022	(D)	(D)	12,639	-	48	(D)	
2017	107	233	5,126	6	(D)	(D)	
By value of sales:							
\$1 to \$4,999 ..... farms, 2022	2	3	1	-	-	-	
2017	-	3	6	3	6	-	
\$1,000, 2022	(D)	(D)	(D)	-	-	-	
2017	-	6	17	6	2	-	
\$5,000 or more ..... farms, 2022	-	2	50	-	4	8	
2017	3	9	30	-	2	2	
\$1,000, 2022	-	(D)	(D)	-	48	(D)	
2017	107	227	5,110	-	(D)	(D)	
<b>TYPE OF PRODUCTION</b>							
USDA National Organic Program certified organic production ..... farms, 2022	2	4	54	1	4	8	
2017	3	18	39	3	8	2	
USDA National Organic Program organic production exempt from certification ..... farms, 2022	-	1	-	-	-	-	
2017	1	2	-	-	-	-	
Acres transitioning into USDA National Organic Program organic production ..... farms, 2022	-	-	5	-	-	-	
2017	-	3	3	-	-	-	
Item	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin	Fremont
<b>VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES</b>							
Total organic product sales ..... farms, 2022	4	14	-	7	8	10	1
2017	1	10	-	9	4	2	1
\$1,000, 2022	21	1,414	-	(D)	2,853	4,348	(D)
2017	(D)	1,569	-	4,286	109	(D)	(D)
By value of sales:							
\$1 to \$4,999 ..... farms, 2022	2	2	-	-	-	-	1
2017	-	2	-	1	-	-	-
\$1,000, 2022	(D)	(D)	-	-	-	-	(D)
2017	-	(D)	-	(D)	-	-	-
\$5,000 or more ..... farms, 2022	2	12	-	7	8	10	-
2017	1	8	-	8	4	2	1
\$1,000, 2022	(D)	(D)	-	(D)	2,853	4,348	-
2017	(D)	(D)	-	(D)	109	(D)	(D)
<b>TYPE OF PRODUCTION</b>							
USDA National Organic Program certified organic production ..... farms, 2022	4	18	-	7	8	10	1
2017	2	15	1	8	6	2	1
USDA National Organic Program organic production exempt from certification ..... farms, 2022	2	1	-	-	-	-	-
2017	-	-	-	1	-	-	-
Acres transitioning into USDA National Organic Program organic production ..... farms, 2022	-	-	2	-	2	2	-
2017	-	1	1	3	-	-	-
Item	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES</b>							
Total organic product sales ..... farms, 2022	13	-	5	9	1	4	6
2017	13	-	1	5	-	5	-
\$1,000, 2022	3,980	-	667	676	(D)	276	1,320
2017	2,729	-	(D)	507	-	431	-
By value of sales:							
\$1 to \$4,999 ..... farms, 2022	1	-	-	-	-	-	-
2017	4	-	-	1	-	1	-
\$1,000, 2022	(D)	-	-	-	-	-	-
2017	8	-	-	(D)	-	(D)	-
\$5,000 or more ..... farms, 2022	12	-	5	9	1	4	6
2017	9	-	1	4	-	4	-
\$1,000, 2022	(D)	-	667	676	(D)	276	1,320
2017	2,720	-	(D)	(D)	-	(D)	-
<b>TYPE OF PRODUCTION</b>							
USDA National Organic Program certified organic production ..... farms, 2022	15	-	5	13	1	4	6
2017	13	-	1	5	-	5	-
USDA National Organic Program organic production exempt from certification ..... farms, 2022	-	-	-	-	-	-	-
2017	-	-	-	-	-	-	-
Acres transitioning into USDA National Organic Program organic production ..... farms, 2022	1	-	3	-	-	-	-
2017	5	-	1	3	2	1	1

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**Table 42. Organic Agriculture: 2022 and 2017 (continued)**

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	
<b>VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES</b>								
Total organic product sales .....	farms, 2022	6	11	3	1	1	9	2
	2017	7	25	-	9	9	6	1
	\$1,000, 2022	55	1,120	3,223	(D)	(D)	5,163	(D)
	2017	317	1,136	-	1,031	1,269	3,318	(D)
By value of sales:								
\$1 to \$4,999 .....	farms, 2022	5	-	-	-	-	-	-
	2017	-	3	-	-	-	-	-
	\$1,000, 2022	(D)	-	-	-	-	-	-
	2017	-	3	-	-	-	-	-
\$5,000 or more .....	farms, 2022	1	11	3	1	1	9	2
	2017	7	22	-	9	9	6	1
	\$1,000, 2022	(D)	1,120	3,223	(D)	(D)	5,163	(D)
	2017	317	1,132	-	1,031	1,269	3,318	(D)
<b>TYPE OF PRODUCTION</b>								
USDA National Organic Program certified organic production .....	farms, 2022	4	12	3	1	4	9	5
	2017	7	27	-	11	11	7	3
USDA National Organic Program organic production exempt from certification .....	farms, 2022	2	-	-	-	-	-	-
	2017	-	-	-	-	-	-	-
Acres transitioning into USDA National Organic Program organic production .....	farms, 2022	-	1	-	-	-	3	-
	2017	-	4	-	1	-	4	1
Item	Jefferson	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	
<b>VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES</b>								
Total organic product sales .....	farms, 2022	26	82	1	7	20	5	13
	2017	21	87	2	10	12	3	1
	\$1,000, 2022	2,605	12,733	(D)	641	12,445	(D)	533
	2017	1,740	10,375	(D)	1,897	4,570	113	(D)
By value of sales:								
\$1 to \$4,999 .....	farms, 2022	4	1	-	2	1	4	7
	2017	5	4	-	2	1	-	-
	\$1,000, 2022	12	(D)	-	(D)	(D)	3	7
	2017	7	13	-	(D)	(D)	-	-
\$5,000 or more .....	farms, 2022	22	81	1	5	19	1	6
	2017	16	83	2	8	11	3	1
	\$1,000, 2022	2,594	(D)	(D)	(D)	(D)	(D)	526
	2017	1,733	10,362	(D)	(D)	(D)	113	(D)
<b>TYPE OF PRODUCTION</b>								
USDA National Organic Program certified organic production .....	farms, 2022	26	88	1	8	22	4	7
	2017	21	93	2	13	15	3	1
USDA National Organic Program organic production exempt from certification .....	farms, 2022	1	1	-	-	-	3	7
	2017	4	1	-	-	-	-	-
Acres transitioning into USDA National Organic Program organic production .....	farms, 2022	1	8	-	-	5	-	4
	2017	6	16	1	5	6	-	2
Item	Louisa	Lucas	Lyon	Madison	Mahaska	Marion	Marshall	
<b>VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES</b>								
Total organic product sales .....	farms, 2022	1	-	-	4	2	9	1
	2017	2	-	4	3	1	4	4
	\$1,000, 2022	(D)	-	-	3,918	(D)	1,000	(D)
	2017	(D)	-	91	(D)	(D)	656	187
By value of sales:								
\$1 to \$4,999 .....	farms, 2022	-	-	-	-	-	2	-
	2017	-	-	2	1	-	1	1
	\$1,000, 2022	-	-	-	-	-	(D)	-
	2017	-	-	(D)	(D)	-	-	(D)
\$5,000 or more .....	farms, 2022	1	-	-	4	2	7	1
	2017	2	-	2	2	1	4	3
	\$1,000, 2022	(D)	-	-	3,918	(D)	(D)	(D)
	2017	(D)	-	(D)	(D)	(D)	656	(D)
<b>TYPE OF PRODUCTION</b>								
USDA National Organic Program certified organic production .....	farms, 2022	1	-	-	4	3	9	1
	2017	2	-	4	3	1	6	3
USDA National Organic Program organic production exempt from certification .....	farms, 2022	-	-	-	-	-	-	-
	2017	-	-	-	1	-	3	1
Acres transitioning into USDA National Organic Program organic production .....	farms, 2022	-	-	-	2	-	-	1
	2017	-	1	-	-	-	-	-

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**Table 42. Organic Agriculture: 2022 and 2017 (continued)**

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

Item	Mills	Mitchell	Monona	Monroe	Montgomery	Muscatine	O'Brien
<b>VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES</b>							
Total organic product sales .....	farms, 2022	14	-	2	6	2	5
	2017	6	-	-	3	4	7
	\$1,000, 2022	1,165	-	(D)	2,733	(D)	1,860
	2017	283	-	-	(D)	38	1,725
By value of sales:							
\$1 to \$4,999 .....	farms, 2022	-	-	-	-	-	-
	2017	-	-	-	-	-	-
	\$1,000, 2022	-	-	-	-	-	-
	2017	-	-	-	-	-	-
\$5,000 or more .....	farms, 2022	14	-	2	6	2	5
	2017	6	-	-	3	4	7
	\$1,000, 2022	1,165	-	(D)	2,733	(D)	1,860
	2017	283	-	-	(D)	38	1,725
<b>TYPE OF PRODUCTION</b>							
USDA National Organic Program certified organic production .....	farms, 2022	14	-	2	6	-	7
	2017	9	-	1	3	4	7
USDA National Organic Program organic production exempt from certification .....	farms, 2022	-	-	-	-	2	-
	2017	-	-	-	-	-	-
Acres transitioning into USDA National Organic Program organic production .....	farms, 2022	4	-	-	2	2	-
	2017	-	-	-	-	1	-
Item	Osceola	Page	Palo Alto	Plymouth	Pocahontas	Polk	Pottawattamie
<b>VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES</b>							
Total organic product sales .....	farms, 2022	-	21	4	5	2	1
	2017	3	13	3	2	2	9
	\$1,000, 2022	-	27,651	949	5,164	(D)	(D)
	2017	1	4,948	147	(D)	(D)	126
By value of sales:							
\$1 to \$4,999 .....	farms, 2022	-	-	-	1	-	-
	2017	3	2	-	-	-	5
	\$1,000, 2022	-	-	-	(D)	-	-
	2017	1	(D)	-	-	-	10
\$5,000 or more .....	farms, 2022	-	21	4	4	2	1
	2017	-	11	3	2	2	4
	\$1,000, 2022	-	27,651	949	(D)	(D)	(D)
	2017	-	(D)	147	(D)	(D)	116
<b>TYPE OF PRODUCTION</b>							
USDA National Organic Program certified organic production .....	farms, 2022	-	31	4	5	2	1
	2017	-	15	5	5	1	9
USDA National Organic Program organic production exempt from certification .....	farms, 2022	-	-	-	-	1	-
	2017	4	-	-	-	-	-
Acres transitioning into USDA National Organic Program organic production .....	farms, 2022	-	3	-	2	2	4
	2017	-	3	1	3	1	2
Item	Poweshiek	Ringgold	Sac	Scott	Shelby	Sioux	Story
<b>VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES</b>							
Total organic product sales .....	farms, 2022	7	6	3	9	11	10
	2017	8	10	6	9	4	9
	\$1,000, 2022	182	3,776	(D)	2,654	2,353	400
	2017	(D) 149	2,675	73	1,217	381	324
By value of sales:							
\$1 to \$4,999 .....	farms, 2022	-	-	1	1	1	4
	2017	-	1	2	-	1	1
	\$1,000, 2022	-	-	(D)	(D)	(D)	1
	2017	-	(D)	(D)	-	-	(D)
\$5,000 or more .....	farms, 2022	7	6	2	8	10	6
	2017	8	9	4	9	4	8
	\$1,000, 2022	182	3,776	(D)	(D)	(D)	399
	2017	(D) 149	(D)	(D)	1,217	381	(D) 324
<b>TYPE OF PRODUCTION</b>							
USDA National Organic Program certified organic production .....	farms, 2022	9	6	2	9	17	6
	2017	9	11	6	9	5	12
USDA National Organic Program organic production exempt from certification .....	farms, 2022	-	-	1	2	5	4
	2017	-	-	-	-	-	-
Acres transitioning into USDA National Organic Program organic production .....	farms, 2022	2	-	2	-	6	-
	2017	-	8	3	2	4	8

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**Table 42. Organic Agriculture: 2022 and 2017 (continued)**

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

Item	Tama	Taylor	Union	Van Buren	Wapello	Warren	Washington
<b>VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES</b>							
Total organic product sales .....							
farms, 2022	7	2	14	4	-	2	47
2017	7	2	15	3	1	3	37
\$1,000, 2022	1,126	(D)	9,983	(D)	-	(D)	9,604
2017	237	(D)	3,004	(D)	(D)	47	5,720
By value of sales:							
\$1 to \$4,999 .....							
farms, 2022	-	-	-	1	-	1	1
2017	-	-	3	-	-	1	-
\$1,000, 2022	-	-	-	(D)	-	(D)	(D)
2017	-	-	7	-	-	(D)	-
\$5,000 or more .....							
farms, 2022	7	2	14	3	-	1	46
2017	7	2	12	3	1	2	37
\$1,000, 2022	1,126	(D)	9,983	(D)	-	(D)	(D)
2017	237	(D)	2,997	(D)	(D)	(D)	5,720
<b>TYPE OF PRODUCTION</b>							
USDA National Organic Program certified organic production .....							
farms, 2022	10	2	16	4	-	2	49
2017	8	2	15	5	1	3	38
USDA National Organic Program organic production exempt from certification .....							
farms, 2022	-	-	-	-	-	-	-
2017	-	-	-	-	-	-	-
Acres transitioning into USDA National Organic Program organic production .....							
farms, 2022	3	-	-	1	-	-	2
2017	3	-	-	1	-	-	7
Item	Wayne	Webster	Winneshiek	Woodbury	Worth	Wright	
<b>VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES</b>							
Total organic product sales .....							
farms, 2022	7	1	1	29	-	3	-
2017	6	1	1	31	-	6	-
\$1,000, 2022	870	(D)	(D)	21,281	-	249	-
2017	527	(D)	(D)	13,351	-	171	-
By value of sales:							
\$1 to \$4,999 .....							
farms, 2022	-	1	-	-	-	-	-
2017	-	-	-	3	-	2	-
\$1,000, 2022	-	(D)	-	-	-	-	-
2017	-	-	-	(D)	-	(D)	-
\$5,000 or more .....							
farms, 2022	7	-	1	29	-	3	-
2017	6	1	1	28	-	4	-
\$1,000, 2022	870	-	(D)	21,281	-	249	-
2017	527	(D)	(D)	(D)	-	(D)	-
<b>TYPE OF PRODUCTION</b>							
USDA National Organic Program certified organic production .....							
farms, 2022	7	1	1	31	-	3	-
2017	7	1	1	32	1	6	-
USDA National Organic Program organic production exempt from certification .....							
farms, 2022	-	-	-	-	-	-	-
2017	-	-	-	1	-	-	-
Acres transitioning into USDA National Organic Program organic production .....							
farms, 2022	-	1	-	1	6	-	-
2017	1	-	-	2	-	-	-

**Table 43. Selected Practices: 2022 and 2017**

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

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon
Received irrigation water from the U.S. Bureau of Reclamation .....						
farms, 2022	-	-	-	-	-	-
2017	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks .....						
farms, 2022	787	13	2	16	11	-
2017	822	6	-	11	12	2
Harvested biomass for use in renewable energy .....						
farms, 2022	625	5	2	9	6	2
2017	587	1	-	19	-	-
Practiced rotational or management-intensive grazing .....						
farms, 2022	5,903	83	50	123	89	39
2017	6,253	82	84	82	74	47
Raised or sold veal calves .....						
farms, 2022	108	-	2	10	2	-
2017	334	-	-	18	8	-
On-farm packing facility .....						
farms, 2022	297	2	-	4	2	-
2017	284	1	1	3	1	-
Had a barn that was built prior to 1960 .....						
farms, 2022	21,185	208	115	305	150	174
2017	24,874	276	118	403	174	178
Aware of right to appeal an adverse program decision to USDA's National Appeals Division .....						
farms, 2022	29,109	261	196	305	200	201
2017	30,715	242	220	320	271	229

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**Table 43. Selected Practices: 2022 and 2017 (continued)**

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

Item	Benton	Black Hawk	Boone	Bremer	Buchanan	Buena Vista
Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2022	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks ..... farms, 2022	7	6	11	24	5	-
..... farms, 2017	9	15	9	10	7	-
Harvested biomass for use in renewable energy ..... farms, 2022	9	6	13	15	18	4
..... farms, 2017	3	3	2	3	6	16
Practiced rotational or management-intensive grazing ..... farms, 2022	62	42	57	30	50	27
..... farms, 2017	66	35	54	48	62	17
Raised or sold veal calves ..... farms, 2022	-	1	-	1	2	-
..... farms, 2017	2	1	-	3	2	-
On-farm packing facility ..... farms, 2022	4	-	12	9	8	-
..... farms, 2017	7	3	3	1	4	1
Had a barn that was built prior to 1960 ..... farms, 2022	257	265	224	279	253	209
..... farms, 2017	320	270	254	386	283	222
Aware of right to appeal an adverse program decision to USDA's National Appeals Division ..... farms, 2022	343	349	339	370	377	273
..... farms, 2017	386	354	347	323	378	269
Item	Butler	Calhoun	Carroll	Cass	Cedar	Cerro Gordo
Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2022	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks ..... farms, 2022	12	-	1	3	12	-
..... farms, 2017	10	1	3	3	11	8
Harvested biomass for use in renewable energy ..... farms, 2022	17	1	10	4	6	2
..... farms, 2017	5	8	8	-	4	6
Practiced rotational or management-intensive grazing ..... farms, 2022	53	16	23	66	61	5
..... farms, 2017	50	18	60	69	72	10
Raised or sold veal calves ..... farms, 2022	-	-	-	-	-	-
..... farms, 2017	2	-	-	-	-	1
On-farm packing facility ..... farms, 2022	2	-	2	1	6	1
..... farms, 2017	4	-	2	-	3	8
Had a barn that was built prior to 1960 ..... farms, 2022	271	193	291	165	288	160
..... farms, 2017	290	183	307	212	311	227
Aware of right to appeal an adverse program decision to USDA's National Appeals Division ..... farms, 2022	365	248	346	232	305	303
..... farms, 2017	418	280	377	255	330	298
Item	Cherokee	Chickasaw	Clarke	Clay	Clayton	Clinton
Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2022	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks ..... farms, 2022	4	9	3	6	25	14
..... farms, 2017	6	10	8	1	34	10
Harvested biomass for use in renewable energy ..... farms, 2022	3	1	1	2	19	10
..... farms, 2017	3	2	13	16	11	2
Practiced rotational or management-intensive grazing ..... farms, 2022	41	27	69	30	120	87
..... farms, 2017	51	40	87	33	159	79
Raised or sold veal calves ..... farms, 2022	-	2	2	-	13	-
..... farms, 2017	-	10	2	-	20	4
On-farm packing facility ..... farms, 2022	2	1	1	5	6	2
..... farms, 2017	-	5	2	2	5	-
Had a barn that was built prior to 1960 ..... farms, 2022	253	201	118	188	523	359
..... farms, 2017	320	290	144	186	582	449
Aware of right to appeal an adverse program decision to USDA's National Appeals Division ..... farms, 2022	288	338	239	259	513	386
..... farms, 2017	307	372	235	207	542	467

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**Table 43. Selected Practices: 2022 and 2017 (continued)**

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

Item	Crawford	Dallas	Davis	Decatur	Delaware	Des Moines
Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2022	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks ..... farms, 2022	2	11	15	3	28	6
..... farms, 2017	5	13	25	6	7	7
Harvested biomass for use in renewable energy ..... farms, 2022	11	10	8	1	3	2
..... farms, 2017	15	3	4	3	3	2
Practiced rotational or management-intensive grazing ..... farms, 2022	54	77	183	88	83	38
..... farms, 2017	71	53	172	114	65	22
Raised or sold veal calves ..... farms, 2022	-	-	9	3	6	-
..... farms, 2017	-	-	37	1	30	4
On-farm packing facility ..... farms, 2022	-	1	1	1	5	-
..... farms, 2017	-	13	5	-	10	1
Had a barn that was built prior to 1960 ..... farms, 2022	209	178	187	109	436	208
..... farms, 2017	262	209	194	134	452	179
Aware of right to appeal an adverse program decision to USDA's National Appeals Division ..... farms, 2022	320	295	268	202	418	236
..... farms, 2017	299	362	284	280	438	222

  

Item	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin	Fremont
Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2022	-	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks ..... farms, 2022	1	20	1	23	6	7	-
..... farms, 2017	4	23	-	15	21	8	-
Harvested biomass for use in renewable energy ..... farms, 2022	5	16	3	7	2	1	1
..... farms, 2017	6	6	7	6	2	1	-
Practiced rotational or management-intensive grazing ..... farms, 2022	14	146	23	65	41	13	30
..... farms, 2017	22	110	28	82	36	13	36
Raised or sold veal calves ..... farms, 2022	-	2	-	1	-	-	-
..... farms, 2017	-	13	1	15	-	-	3
On-farm packing facility ..... farms, 2022	3	2	1	3	5	-	-
..... farms, 2017	1	1	2	5	5	3	-
Had a barn that was built prior to 1960 ..... farms, 2022	95	516	71	449	222	194	77
..... farms, 2017	124	511	97	432	276	233	128
Aware of right to appeal an adverse program decision to USDA's National Appeals Division ..... farms, 2022	140	492	118	455	339	318	161
..... farms, 2017	150	512	168	462	279	309	242

  

Item	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2022	-	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks ..... farms, 2022	4	1	8	1	-	5	2
..... farms, 2017	3	2	9	1	2	7	2
Harvested biomass for use in renewable energy ..... farms, 2022	5	1	3	14	2	22	3
..... farms, 2017	6	-	1	8	2	19	9
Practiced rotational or management-intensive grazing ..... farms, 2022	67	18	93	26	15	45	45
..... farms, 2017	32	40	86	25	13	48	77
Raised or sold veal calves ..... farms, 2022	-	-	1	-	-	-	-
..... farms, 2017	-	-	2	-	1	-	-
On-farm packing facility ..... farms, 2022	1	2	-	8	-	-	4
..... farms, 2017	4	-	-	-	1	-	3
Had a barn that was built prior to 1960 ..... farms, 2022	167	156	184	131	175	192	112
..... farms, 2017	199	236	178	179	184	234	166
Aware of right to appeal an adverse program decision to USDA's National Appeals Division ..... farms, 2022	268	243	307	255	292	288	271
..... farms, 2017	253	262	289	258	292	340	257

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**Table 43. Selected Practices: 2022 and 2017 (continued)**

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper
Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2022	-	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks ..... farms, 2022	11	15	4	2	5	27	4
..... farms, 2017	8	6	2	1	3	23	11
Harvested biomass for use in renewable energy ..... farms, 2022	3	8	-	2	4	23	2
..... farms, 2017	3	3	22	2	6	6	2
Practiced rotational or management-intensive grazing ..... farms, 2022	72	26	5	26	59	156	102
..... farms, 2017	50	33	21	31	77	163	97
Raised or sold veal calves ..... farms, 2022	-	3	-	-	-	2	-
..... farms, 2017	2	10	-	1	2	6	1
On-farm packing facility ..... farms, 2022	1	4	-	1	2	5	2
..... farms, 2017	3	5	-	-	4	-	4
Had a barn that was built prior to 1960 ..... farms, 2022	212	186	74	120	236	374	331
..... farms, 2017	273	226	113	176	307	414	288
Aware of right to appeal an adverse program decision to USDA's National Appeals Division ..... farms, 2022	275	313	199	157	338	361	369
..... farms, 2017	330	342	200	197	342	403	362
Item	Jefferson	Johnson	Jones	Keokuk	Kossuth	Lee	Linn
Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2022	-	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks ..... farms, 2022	15	23	15	8	3	13	19
..... farms, 2017	11	30	17	2	2	14	21
Harvested biomass for use in renewable energy ..... farms, 2022	6	7	6	3	4	-	14
..... farms, 2017	-	2	3	2	17	4	3
Practiced rotational or management-intensive grazing ..... farms, 2022	59	100	90	61	34	67	114
..... farms, 2017	52	138	101	67	30	66	94
Raised or sold veal calves ..... farms, 2022	1	11	-	-	-	-	-
..... farms, 2017	2	19	5	3	-	7	1
On-farm packing facility ..... farms, 2022	5	20	2	1	3	-	14
..... farms, 2017	4	16	1	4	1	1	3
Had a barn that was built prior to 1960 ..... farms, 2022	199	413	295	208	243	202	384
..... farms, 2017	189	476	375	245	312	234	441
Aware of right to appeal an adverse program decision to USDA's National Appeals Division ..... farms, 2022	201	356	335	278	459	212	490
..... farms, 2017	217	382	363	338	438	281	444
Item	Louisa	Lucas	Lyon	Madison	Mahaska	Marion	Marshall
Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2022	-	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks ..... farms, 2022	5	8	4	14	4	9	8
..... farms, 2017	7	9	-	17	6	18	10
Harvested biomass for use in renewable energy ..... farms, 2022	-	2	9	11	3	12	16
..... farms, 2017	3	1	12	2	1	1	5
Practiced rotational or management-intensive grazing ..... farms, 2022	33	56	80	146	61	94	63
..... farms, 2017	28	77	59	118	69	122	45
Raised or sold veal calves ..... farms, 2022	-	-	1	-	-	1	-
..... farms, 2017	-	-	1	1	1	3	-
On-farm packing facility ..... farms, 2022	5	-	1	7	3	3	7
..... farms, 2017	2	-	2	-	6	2	1
Had a barn that was built prior to 1960 ..... farms, 2022	139	101	286	211	194	179	239
..... farms, 2017	168	135	386	248	258	249	247
Aware of right to appeal an adverse program decision to USDA's National Appeals Division ..... farms, 2022	205	186	285	402	299	290	319
..... farms, 2017	220	202	346	374	351	360	353

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**Table 43. Selected Practices: 2022 and 2017 (continued)**

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

Item	Mills	Mitchell	Monona	Monroe	Montgomery	Muscatine	O'Brien
Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2022	-	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks ..... farms, 2022	4	7	2	8	2	8	1
..... farms, 2017	4	7	-	7	6	14	-
Harvested biomass for use in renewable energy ..... farms, 2022	-	-	10	4	1	3	10
..... farms, 2017	1	2	-	4	-	3	2
Practiced rotational or management-intensive grazing ..... farms, 2022	25	53	29	65	31	55	30
..... farms, 2017	23	25	40	64	36	63	36
Raised or sold veal calves ..... farms, 2022	-	8	-	2	-	-	-
..... farms, 2017	-	9	-	8	-	3	-
On-farm packing facility ..... farms, 2022	-	9	-	1	-	4	-
..... farms, 2017	-	4	8	2	1	4	1
Had a barn that was built prior to 1960 ..... farms, 2022	84	197	109	111	108	229	261
..... farms, 2017	111	242	129	130	132	245	277
Aware of right to appeal an adverse program decision to USDA's National Appeals Division ..... farms, 2022	136	250	255	231	163	239	328
..... farms, 2017	190	236	229	269	199	236	286
Item	Osceola	Page	Palo Alto	Plymouth	Pocahontas	Polk	Pottawattamie
Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2022	-	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks ..... farms, 2022	-	-	-	6	-	13	4
..... farms, 2017	3	-	1	13	-	10	6
Harvested biomass for use in renewable energy ..... farms, 2022	2	3	26	12	4	16	4
..... farms, 2017	2	1	61	29	29	6	9
Practiced rotational or management-intensive grazing ..... farms, 2022	15	50	14	75	21	66	81
..... farms, 2017	11	41	22	88	19	66	84
Raised or sold veal calves ..... farms, 2022	-	-	-	-	-	-	-
..... farms, 2017	-	2	-	-	-	8	-
On-farm packing facility ..... farms, 2022	-	-	-	4	-	17	5
..... farms, 2017	-	-	-	-	1	20	7
Had a barn that was built prior to 1960 ..... farms, 2022	103	137	122	328	164	146	282
..... farms, 2017	136	183	140	374	176	191	290
Aware of right to appeal an adverse program decision to USDA's National Appeals Division ..... farms, 2022	196	234	294	405	307	265	379
..... farms, 2017	168	293	284	417	279	286	387
Item	Poweshiek	Ringgold	Sac	Scott	Shelby	Sioux	Story
Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2022	-	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks ..... farms, 2022	-	11	3	10	2	14	21
..... farms, 2017	8	1	3	8	3	3	17
Harvested biomass for use in renewable energy ..... farms, 2022	2	-	6	2	11	9	24
..... farms, 2017	-	2	9	-	3	10	14
Practiced rotational or management-intensive grazing ..... farms, 2022	61	115	27	40	56	65	69
..... farms, 2017	98	127	65	50	64	47	80
Raised or sold veal calves ..... farms, 2022	2	-	-	-	-	-	-
..... farms, 2017	1	3	-	-	-	2	1
On-farm packing facility ..... farms, 2022	1	-	1	2	4	16	5
..... farms, 2017	8	3	1	3	2	9	12
Had a barn that was built prior to 1960 ..... farms, 2022	192	116	207	202	322	463	224
..... farms, 2017	274	169	248	270	331	539	253
Aware of right to appeal an adverse program decision to USDA's National Appeals Division ..... farms, 2022	270	199	272	247	291	548	387
..... farms, 2017	310	282	288	290	313	514	347

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**Table 43. Selected Practices: 2022 and 2017 (continued)**

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

Item	Tama	Taylor	Union	Van Buren	Wapello	Warren	Washington
Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2022	-	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks ..... farms, 2022	15	2	4	7	4	9	18
..... farms, 2017	15	-	13	11	10	19	11
Harvested biomass for use in renewable energy ..... farms, 2022	3	1	6	7	2	4	8
..... farms, 2017	15	7	2	-	1	4	7
Practiced rotational or management-intensive grazing ..... farms, 2022	61	47	96	83	66	141	76
..... farms, 2017	62	58	121	87	83	111	95
Raised or sold veal calves ..... farms, 2022	-	-	-	3	1	-	8
..... farms, 2017	6	-	-	16	3	1	8
On-farm packing facility ..... farms, 2022	1	-	-	2	-	6	9
..... farms, 2017	3	3	-	-	2	1	4
Had a barn that was built prior to 1960 ..... farms, 2022	268	123	135	185	118	251	316
..... farms, 2017	343	164	144	192	154	228	368
Aware of right to appeal an adverse program decision to USDA's National Appeals Division ..... farms, 2022	365	215	175	249	227	470	360
..... farms, 2017	372	253	215	235	298	440	355

  

Item	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Received irrigation water from the U.S. Bureau of Reclamation ..... farms, 2022	-	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-	-
Practiced alley cropping, silvopasture, forest farming, or had riparian forest buffers or windbreaks ..... farms, 2022	8	4	1	41	3	6	5
..... farms, 2017	12	4	-	42	1	6	-
Harvested biomass for use in renewable energy ..... farms, 2022	-	4	-	11	5	1	4
..... farms, 2017	2	7	3	7	9	1	1
Practiced rotational or management-intensive grazing ..... farms, 2022	80	17	5	112	101	37	20
..... farms, 2017	103	31	11	156	83	28	13
Raised or sold veal calves ..... farms, 2022	-	-	-	8	-	-	-
..... farms, 2017	7	-	-	9	-	2	-
On-farm packing facility ..... farms, 2022	1	4	-	3	2	4	3
..... farms, 2017	1	1	1	5	-	4	4
Had a barn that was built prior to 1960 ..... farms, 2022	132	175	104	433	216	139	140
..... farms, 2017	164	229	120	581	291	151	153
Aware of right to appeal an adverse program decision to USDA's National Appeals Division ..... farms, 2022	237	340	191	504	381	162	286
..... farms, 2017	266	394	191	497	389	219	258

**Table 44. Farms by North American Industry Classification System: 2022**

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

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon
Total farms .....	86,911	748	516	1,034	655	593
Oilseed and grain farming (1111) .....	43,653	384	251	319	168	300
Vegetable and melon farming (1112) .....	480	6	-	4	6	1
Fruit and tree nut farming (1113) .....	862	2	-	6	3	-
Greenhouse, nursery, and floriculture production (1114) .....	587	2	1	5	-	1
Other crop farming (1119) .....	20,784	184	154	338	232	178
Tobacco farming (11191) .....	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	20,784	184	154	338	232	178
Beef cattle ranching and farming (11211) .....	8,311	102	80	153	175	46
Cattle feedlots (11212) .....	1,478	6	3	21	-	13
Dairy cattle and milk production (11212) .....	662	-	-	49	1	-
Hog and pig farming (1122) .....	3,748	21	7	17	9	39
Poultry and egg production (1123) .....	1,234	10	1	21	8	1
Sheep and goat farming (1124) .....	1,898	14	10	17	18	3
Aquaculture and other animal production (1125, 1129) .....	3,214	17	9	84	35	11

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**Table 44. Farms by North American Industry Classification System: 2022 (continued)**

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

Item	Benton	Black Hawk	Boone	Bremer	Buchanan	Buena Vista
Total farms .....	1,090	975	1,008	1,009	1,121	774
Oilseed and grain farming (1111) .....	678	536	491	522	639	462
Vegetable and melon farming (1112) .....	-	2	7	8	2	1
Fruit and tree nut farming (1113) .....	6	15	14	12	6	4
Greenhouse, nursery, and floriculture production (1114) .....	13	10	16	7	2	3
Other crop farming (1119) .....	215	232	253	263	197	150
Tobacco farming (11191) .....	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	215	232	253	263	197	150
Beef cattle ranching and farming (112111) .....	66	60	68	59	64	22
Cattle feedlots (112112) .....	12	11	5	14	14	7
Dairy cattle and milk production (11212) .....	6	1	-	12	11	-
Hog and pig farming (1122) .....	27	42	30	40	60	82
Poultry and egg production (1123) .....	23	13	7	19	29	21
Sheep and goat farming (1124) .....	17	9	51	12	21	13
Aquaculture and other animal production (1125, 1129) .....	27	44	66	41	76	9

  

Item	Butler	Calhoun	Carroll	Cass	Cedar	Cerro Gordo
Total farms .....	1,063	765	1,069	688	912	800
Oilseed and grain farming (1111) .....	472	490	673	390	514	485
Vegetable and melon farming (1112) .....	8	3	10	10	9	2
Fruit and tree nut farming (1113) .....	-	1	2	7	12	4
Greenhouse, nursery, and floriculture production (1114) .....	-	1	4	1	13	6
Other crop farming (1119) .....	376	153	148	142	184	183
Tobacco farming (11191) .....	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	376	153	148	142	184	183
Beef cattle ranching and farming (112111) .....	84	36	70	78	90	41
Cattle feedlots (112112) .....	8	14	44	10	5	5
Dairy cattle and milk production (11212) .....	6	-	-	1	1	1
Hog and pig farming (1122) .....	38	44	80	10	38	31
Poultry and egg production (1123) .....	7	4	4	6	18	13
Sheep and goat farming (1124) .....	33	3	14	10	21	7
Aquaculture and other animal production (1125, 1129) .....	31	16	20	23	7	22

  

Item	Cherokee	Chickasaw	Clarke	Clay	Clayton	Clinton
Total farms .....	814	1,009	649	730	1,631	1,147
Oilseed and grain farming (1111) .....	523	592	144	441	567	653
Vegetable and melon farming (1112) .....	2	1	1	1	7	3
Fruit and tree nut farming (1113) .....	2	7	4	2	14	14
Greenhouse, nursery, and floriculture production (1114) .....	6	10	3	-	9	8
Other crop farming (1119) .....	97	230	287	159	613	208
Tobacco farming (11191) .....	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	97	230	287	159	613	208
Beef cattle ranching and farming (112111) .....	64	37	139	38	178	113
Cattle feedlots (112112) .....	29	29	7	9	28	31
Dairy cattle and milk production (11212) .....	6	11	-	-	59	8
Hog and pig farming (1122) .....	53	37	6	41	45	32
Poultry and egg production (1123) .....	9	8	3	12	15	6
Sheep and goat farming (1124) .....	11	13	20	8	35	19
Aquaculture and other animal production (1125, 1129) .....	17	34	35	19	61	52

  

Item	Crawford	Dallas	Davis	Decatur	Delaware	Des Moines
Total farms .....	951	901	941	666	1,496	648
Oilseed and grain farming (1111) .....	615	423	195	135	702	385
Vegetable and melon farming (1112) .....	1	15	1	6	4	6
Fruit and tree nut farming (1113) .....	2	15	7	15	11	15
Greenhouse, nursery, and floriculture production (1114) .....	4	13	9	3	2	12
Other crop farming (1119) .....	158	227	276	264	314	153
Tobacco farming (11191) .....	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	158	227	276	264	314	153
Beef cattle ranching and farming (112111) .....	88	78	223	187	145	38
Cattle feedlots (112112) .....	6	10	2	7	93	1
Dairy cattle and milk production (11212) .....	-	-	13	4	51	2
Hog and pig farming (1122) .....	38	11	14	5	112	15
Poultry and egg production (1123) .....	11	25	27	7	5	-
Sheep and goat farming (1124) .....	11	21	59	10	17	7
Aquaculture and other animal production (1125, 1129) .....	17	63	115	23	40	14

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**Table 44. Farms by North American Industry Classification System: 2022 (continued)**

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

Item	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin	Fremont
Total farms .....	439	1,554	404	1,364	989	849	461
Oilseed and grain farming (1111) .....	252	684	253	684	488	510	300
Vegetable and melon farming (1112) .....	3	18	2	-	3	4	1
Fruit and tree nut farming (1113) .....	1	22	-	4	8	2	1
Greenhouse, nursery, and floriculture production (1114) .....	7	11	-	7	14	2	3
Other crop farming (1119) .....	97	283	87	395	301	196	105
Tobacco farming (11191) .....	-	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	97	283	87	395	301	196	105
Beef cattle ranching and farming (112111) .....	22	208	26	111	41	39	23
Cattle feedlots (112112) .....	9	93	3	35	24	4	2
Dairy cattle and milk production (11212) .....	3	87	-	29	20	-	-
Hog and pig farming (1122) .....	16	36	20	39	39	62	2
Poultry and egg production (1123) .....	5	17	2	15	11	9	-
Sheep and goat farming (1124) .....	5	28	3	8	2	10	1
Aquaculture and other animal production (1125, 1129) .....	19	67	8	37	38	11	23

  

Item	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Total farms .....	759	670	904	770	860	839	811
Oilseed and grain farming (1111) .....	442	438	399	446	576	482	464
Vegetable and melon farming (1112) .....	1	6	6	1	10	3	2
Fruit and tree nut farming (1113) .....	-	1	5	2	2	1	18
Greenhouse, nursery, and floriculture production (1114) .....	-	1	7	1	1	5	-
Other crop farming (1119) .....	153	103	268	165	151	156	191
Tobacco farming (11191) .....	-	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	153	103	268	165	151	156	191
Beef cattle ranching and farming (112111) .....	66	33	154	21	19	51	73
Cattle feedlots (112112) .....	10	5	3	1	1	8	5
Dairy cattle and milk production (11212) .....	-	1	-	-	5	2	-
Hog and pig farming (1122) .....	38	32	22	62	55	82	7
Poultry and egg production (1123) .....	21	10	1	19	11	6	25
Sheep and goat farming (1124) .....	13	28	15	23	8	17	4
Aquaculture and other animal production (1125, 1129) .....	15	12	24	29	21	26	22

  

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper
Total farms .....	831	869	580	456	968	1,131	1,151
Oilseed and grain farming (1111) .....	340	399	404	259	495	436	620
Vegetable and melon farming (1112) .....	3	-	1	-	1	7	2
Fruit and tree nut farming (1113) .....	23	6	1	2	12	10	16
Greenhouse, nursery, and floriculture production (1114) .....	3	10	-	-	2	6	2
Other crop farming (1119) .....	276	284	100	94	248	262	232
Tobacco farming (11191) .....	-	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	276	284	100	94	248	262	232
Beef cattle ranching and farming (112111) .....	86	46	10	47	86	230	78
Cattle feedlots (112112) .....	-	8	2	18	16	52	8
Dairy cattle and milk production (11212) .....	1	24	-	2	3	15	4
Hog and pig farming (1122) .....	26	28	29	9	21	16	46
Poultry and egg production (1123) .....	17	11	3	3	20	24	28
Sheep and goat farming (1124) .....	22	20	4	6	21	18	64
Aquaculture and other animal production (1125, 1129) .....	34	33	26	16	43	55	51

  

Item	Jefferson	Johnson	Jones	Keokuk	Kossuth	Lee	Linn
Total farms .....	681	1,212	991	871	1,342	804	1,416
Oilseed and grain farming (1111) .....	232	541	498	435	857	354	742
Vegetable and melon farming (1112) .....	2	12	3	1	3	7	20
Fruit and tree nut farming (1113) .....	18	52	9	2	5	17	34
Greenhouse, nursery, and floriculture production (1114) .....	10	15	1	3	2	8	37
Other crop farming (1119) .....	245	257	217	258	294	237	277
Tobacco farming (11191) .....	-	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	245	257	217	258	294	237	277
Beef cattle ranching and farming (112111) .....	69	111	138	64	39	79	115
Cattle feedlots (112112) .....	8	11	33	5	9	7	11
Dairy cattle and milk production (11212) .....	3	26	3	2	1	3	2
Hog and pig farming (1122) .....	17	40	42	53	84	16	28
Poultry and egg production (1123) .....	14	35	4	3	1	6	28
Sheep and goat farming (1124) .....	28	49	20	25	30	31	56
Aquaculture and other animal production (1125, 1129) .....	35	63	23	20	17	39	66

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**Table 44. Farms by North American Industry Classification System: 2022 (continued)**

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

Item	Louisa	Lucas	Lyon	Madison	Mahaska	Marion	Marshall
Total farms .....	597	594	1,015	1,133	881	947	898
Oilseed and grain farming (1111) .....	313	134	512	358	485	337	497
Vegetable and melon farming (1112) .....	3	3	6	8	-	8	9
Fruit and tree nut farming (1113) .....	10	9	6	24	8	19	28
Greenhouse, nursery, and floriculture production (1114) .....	2	8	3	9	3	6	23
Other crop farming (1119) .....	159	213	69	332	200	325	176
Tobacco farming (11191) .....	-	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	159	213	69	332	200	325	176
Beef cattle ranching and farming (112111) .....	30	142	92	194	77	136	65
Cattle feedlots (112112) .....	-	4	62	1	6	7	6
Dairy cattle and milk production (11212) .....	-	-	18	7	2	-	1
Hog and pig farming (1122) .....	36	6	203	13	56	12	25
Poultry and egg production (1123) .....	3	20	1	57	7	21	8
Sheep and goat farming (1124) .....	21	19	13	46	15	36	16
Aquaculture and other animal production (1125, 1129) .....	20	36	30	84	22	40	44

  

Item	Mills	Mitchell	Monona	Monroe	Montgomery	Muscatine	O'Brien
Total farms .....	451	798	669	620	487	742	880
Oilseed and grain farming (1111) .....	240	402	435	165	289	361	539
Vegetable and melon farming (1112) .....	6	9	2	3	1	11	2
Fruit and tree nut farming (1113) .....	4	10	2	5	3	7	1
Greenhouse, nursery, and floriculture production (1114) .....	12	6	-	3	2	5	-
Other crop farming (1119) .....	98	159	154	224	120	180	80
Tobacco farming (11191) .....	-	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	98	159	154	224	120	180	80
Beef cattle ranching and farming (112111) .....	34	70	51	161	47	68	36
Cattle feedlots (112112) .....	1	50	2	5	4	12	25
Dairy cattle and milk production (11212) .....	2	21	-	-	-	1	3
Hog and pig farming (1122) .....	4	34	9	3	6	21	152
Poultry and egg production (1123) .....	12	17	-	3	6	14	14
Sheep and goat farming (1124) .....	6	4	3	16	3	18	16
Aquaculture and other animal production (1125, 1129) .....	32	16	11	32	6	44	12

  

Item	Osceola	Page	Palo Alto	Plymouth	Pocahontas	Polk	Pottawattamie
Total farms .....	559	639	842	1,285	802	768	1,203
Oilseed and grain farming (1111) .....	327	386	469	751	576	332	761
Vegetable and melon farming (1112) .....	-	-	5	-	2	22	7
Fruit and tree nut farming (1113) .....	1	1	7	8	-	16	15
Greenhouse, nursery, and floriculture production (1114) .....	-	2	2	5	-	31	13
Other crop farming (1119) .....	65	144	234	166	141	157	176
Tobacco farming (11191) .....	-	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	65	144	234	166	141	157	176
Beef cattle ranching and farming (112111) .....	26	65	21	100	19	55	86
Cattle feedlots (112112) .....	20	6	22	43	14	9	16
Dairy cattle and milk production (11212) .....	5	-	-	3	3	-	2
Hog and pig farming (1122) .....	84	3	63	163	21	7	20
Poultry and egg production (1123) .....	2	1	1	8	6	14	31
Sheep and goat farming (1124) .....	11	6	6	14	6	49	32
Aquaculture and other animal production (1125, 1129) .....	18	26	12	24	14	76	44

  

Item	Poweshiek	Ringgold	Sac	Scott	Shelby	Sioux	Story
Total farms .....	792	612	863	711	865	1,672	1,067
Oilseed and grain farming (1111) .....	439	181	553	403	606	796	545
Vegetable and melon farming (1112) .....	3	-	2	12	6	-	21
Fruit and tree nut farming (1113) .....	9	3	3	18	10	15	22
Greenhouse, nursery, and floriculture production (1114) .....	2	-	3	22	1	12	28
Other crop farming (1119) .....	166	238	143	110	136	113	220
Tobacco farming (11191) .....	-	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	166	238	143	110	136	113	220
Beef cattle ranching and farming (112111) .....	85	145	58	62	49	145	83
Cattle feedlots (112112) .....	3	8	24	12	9	136	12
Dairy cattle and milk production (11212) .....	1	-	1	3	2	34	1
Hog and pig farming (1122) .....	27	6	33	6	26	299	35
Poultry and egg production (1123) .....	9	5	17	5	4	30	12
Sheep and goat farming (1124) .....	23	14	14	18	10	37	36
Aquaculture and other animal production (1125, 1129) .....	25	12	12	40	6	55	52

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**Table 44. Farms by North American Industry Classification System: 2022 (continued)**

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

Item	Tama	Taylor	Union	Van Buren	Wapello	Warren	Washington
Total farms .....	1,056	596	587	732	682	1,388	1,176
Oilseed and grain farming (1111) .....	611	250	166	202	226	424	458
Vegetable and melon farming (1112) .....	4	3	-	1	2	20	5
Fruit and tree nut farming (1113) .....	3	1	1	5	2	31	13
Greenhouse, nursery, and floriculture production (1114) .....	1	1	-	-	1	19	7
Other crop farming (1119) .....	237	186	179	286	263	477	294
Tobacco farming (11191) .....	-	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	237	186	179	286	263	477	294
Beef cattle ranching and farming (112111) .....	93	113	142	121	121	194	96
Cattle feedlots (112112) .....	13	6	6	2	3	8	8
Dairy cattle and milk production (11212) .....	4	-	-	6	1	-	6
Hog and pig farming (1122) .....	29	3	15	13	11	6	162
Poultry and egg production (1123) .....	2	5	30	9	8	51	34
Sheep and goat farming (1124) .....	22	5	10	39	10	52	68
Aquaculture and other animal production (1125, 1129) .....	37	23	38	48	34	106	25

  

Item	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Total farms .....	732	907	548	1,459	1,005	538	734
Oilseed and grain farming (1111) .....	183	564	334	594	533	276	461
Vegetable and melon farming (1112) .....	-	5	4	15	5	6	10
Fruit and tree nut farming (1113) .....	8	5	4	23	13	9	4
Greenhouse, nursery, and floriculture production (1114) .....	3	3	3	19	4	-	1
Other crop farming (1119) .....	302	206	154	440	241	148	173
Tobacco farming (11191) .....	-	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	302	206	154	440	241	148	173
Beef cattle ranching and farming (112111) .....	159	43	18	147	97	33	25
Cattle feedlots (112112) .....	3	2	3	40	23	5	2
Dairy cattle and milk production (11212) .....	3	-	-	55	2	1	-
Hog and pig farming (1122) .....	5	28	16	45	6	21	24
Poultry and egg production (1123) .....	9	10	6	25	19	5	12
Sheep and goat farming (1124) .....	26	19	1	16	33	14	12
Aquaculture and other animal production (1125, 1129) .....	31	22	5	40	29	20	10