

Table 39. Machinery and Equipment on Operation: 2022 and 2017

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

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment	farms, 2022	86,868	748	516	1,031	655	593
	2017	86,097	738	509	997	675	628
	\$1,000, 2022	23,582,405	207,050	132,941	215,594	85,295	204,828
	2017	19,863,940	164,653	100,284	171,945	59,080	179,022
Average per farm	dollars, 2022	271,474	276,805	257,638	209,112	130,221	345,410
	2017	230,716	223,107	197,021	172,462	87,526	285,066
Farms by value group:							
\$1 to \$9,999	2022	7,554	84	76	117	72	33
	2017	9,804	90	94	134	134	61
\$10,000 to \$19,999	2022	7,807	60	32	109	70	35
	2017	9,200	59	51	139	84	76
\$20,000 to \$29,999	2022	7,079	59	54	98	75	55
	2017	7,800	64	56	112	65	54
\$30,000 to \$49,999	2022	9,610	61	20	108	120	75
	2017	9,457	80	48	106	97	93
\$50,000 to \$69,999	2022	7,691	61	79	109	70	49
	2017	7,375	68	39	107	66	52
\$70,000 to \$99,999	2022	6,399	63	24	102	43	30
	2017	5,664	66	35	57	63	28
\$100,000 to \$199,999	2022	12,656	117	101	124	99	82
	2017	10,773	106	66	121	90	65
\$200,000 to \$499,999	2022	14,092	111	57	163	60	100
	2017	13,355	117	68	116	55	91
\$500,000 or more	2022	13,980	132	73	101	46	134
	2017	12,669	88	52	105	21	108
SELECTED MACHINERY AND EQUIPMENT							
Trucks, including pickups	farms, 2022	66,394	595	383	765	501	462
	2017	66,874	562	389	755	509	461
	number, 2022	144,324	1,391	903	1,519	904	1,014
	2017	139,434	1,237	846	1,356	900	1,060
Tractors	farms, 2022	66,954	600	366	808	521	417
	2017	67,574	556	377	801	527	448
	number, 2022	214,506	1,849	1,201	2,469	1,333	1,374
	2017	221,693	1,764	1,183	2,347	1,189	1,421
Less than 40 horsepower (PTO)	farms, 2022	23,556	183	133	305	171	140
	2017	24,115	176	128	269	194	147
	number, 2022	35,224	283	244	414	270	205
	2017	36,243	228	195	363	227	220
40 to 99 horsepower (PTO)	farms, 2022	41,858	356	216	561	276	230
	2017	44,466	361	241	561	357	293
	number, 2022	67,051	566	340	902	405	357
	2017	72,957	634	352	912	502	440
100 horsepower (PTO) or more	farms, 2022	44,063	400	228	440	306	312
	2017	44,333	383	261	431	242	307
	number, 2022	112,231	1,000	617	1,153	658	812
	2017	112,493	902	636	1,072	460	761
Grain and bean combines, self-propelled	farms, 2022	30,431	253	140	259	110	220
	2017	31,952	271	157	250	99	234
	number, 2022	33,834	310	170	301	146	237
	2017	34,960	322	183	258	109	258
Cotton pickers and strippers, self-propelled	farms, 2022	-	-	-	-	-	-
	2017	-	-	-	-	-	-
	number, 2022	-	-	-	-	-	-
	2017	-	-	-	-	-	-
Forage harvesters, self-propelled	farms, 2022	2,037	25	18	49	15	14
	2017	2,379	35	10	62	33	6
	number, 2022	2,165	27	18	51	17	14
	2017	2,525	35	11	64	34	6
Hay balers	farms, 2022	17,658	197	142	329	242	100
	2017	19,848	225	138	378	227	122
	number, 2022	20,815	229	158	403	284	109
	2017	23,696	257	163	461	264	142
2022 INVENTORY							
Manufactured 2017 to 2022:							
Trucks, including pickups	farms	20,468	202	98	204	103	182
	number	26,138	263	151	231	118	251
Tractors	farms	10,113	95	53	128	76	65
	number	16,394	147	155	191	82	117
Less than 40 horsepower (PTO)	farms	2,484	30	15	51	29	4
	number	2,802	34	18	62	29	4
40 to 99 horsepower (PTO)	farms	3,181	27	16	36	19	19
	number	3,776	30	30	47	20	24
100 horsepower (PTO) or more	farms	9,566	57	45	61	28	52
	number	9,816	83	107	82	33	89
Grain and bean combines	farms	4,657	49	27	16	3	64
	number	5,060	51	34	18	3	66
Cotton pickers and strippers	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Forage harvesters, self-propelled	farms	177	2	4	7	2	-
	number	178	(D)	4	7	(D)	-
Hay balers	farms	1,958	26	17	44	25	13
	number	2,023	28	22	45	25	13

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Table 39. Machinery and Equipment on Operation: 2022 and 2017 (continued)

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

Item	Benton	Black Hawk	Boone	Bremer	Buchanan	Buena Vista
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment						
farms, 2022	1,090	975	1,007	1,009	1,121	773
2017	1,148	968	967	963	1,057	802
\$1,000, 2022	322,483	244,841	295,430	252,349	329,424	242,940
2017	282,150	242,878	198,554	219,135	267,311	242,783
Average per farm						
dollars, 2022	295,856	251,119	293,376	250,098	293,867	314,282
2017	245,776	250,907	205,330	227,554	252,896	302,722
Farms by value group:						
\$1 to \$9,999						
2022	105	97	121	59	56	39
2017	127	98	119	125	82	53
\$10,000 to \$19,999						
2022	91	65	106	80	82	75
2017	105	84	178	107	97	69
\$20,000 to \$29,999						
2022	46	66	107	100	63	49
2017	84	107	110	66	80	51
\$30,000 to \$49,999						
2022	100	115	103	136	147	76
2017	118	126	89	90	110	42
\$50,000 to \$69,999						
2022	76	83	93	93	91	58
2017	104	86	103	79	111	73
\$70,000 to \$99,999						
2022	85	90	63	81	91	62
2017	66	61	61	74	89	62
\$100,000 to \$199,999						
2022	162	149	112	131	212	120
2017	136	105	79	113	151	117
\$200,000 to \$499,999						
2022	221	160	124	194	183	135
2017	218	143	90	159	144	165
\$500,000 or more						
2022	204	150	178	135	196	159
2017	190	158	138	150	193	170
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups						
farms, 2022	887	768	762	814	847	576
2017	960	795	754	787	819	625
number, 2022	1,954	1,654	1,610	1,686	1,906	1,438
2017	1,956	1,588	1,463	1,469	1,758	1,512
Tractors						
farms, 2022	879	757	735	808	856	540
2017	976	758	726	816	823	624
number, 2022	2,995	2,433	2,141	2,689	2,926	2,070
2017	3,299	2,526	2,068	2,838	2,881	2,527
Less than 40 horsepower (PTO)						
farms, 2022	309	305	309	340	346	189
2017	343	324	345	384	354	230
number, 2022	460	462	448	501	503	314
2017	503	530	516	583	526	368
40 to 99 horsepower (PTO)						
farms, 2022	581	484	411	520	537	335
2017	668	517	422	594	567	411
number, 2022	1,022	751	625	848	855	537
2017	1,160	821	635	945	961	654
100 horsepower (PTO) or more						
farms, 2022	602	478	436	538	603	423
2017	644	473	383	518	555	507
number, 2022	1,513	1,220	1,068	1,340	1,568	1,219
2017	1,636	1,175	917	1,310	1,394	1,505
Grain and bean combines, self-propelled						
farms, 2022	453	336	299	382	415	342
2017	502	347	279	378	426	425
number, 2022	475	376	369	428	438	371
2017	532	373	314	402	445	476
Cotton pickers and strippers, self-propelled						
farms, 2022	-	-	-	-	-	-
2017	-	-	-	-	-	-
number, 2022	-	-	-	-	-	-
2017	-	-	-	-	-	-
Forage harvesters, self-propelled						
farms, 2022	18	21	17	31	17	11
2017	10	20	10	27	37	26
number, 2022	18	21	20	34	18	11
2017	10	22	11	27	41	27
Hay balers						
farms, 2022	215	158	160	188	219	75
2017	282	177	185	243	259	130
number, 2022	249	189	192	223	257	83
2017	335	213	226	279	294	150
2022 INVENTORY						
Manufactured 2017 to 2022:						
Trucks, including pickups						
farms	276	262	256	240	254	172
number	359	307	347	292	338	240
Tractors						
farms	153	110	143	100	106	75
number	231	164	232	153	171	146
Less than 40 horsepower (PTO)						
farms	23	42	58	37	22	4
number	27	43	62	43	25	4
40 to 99 horsepower (PTO)						
farms	52	28	38	30	29	21
number	67	32	50	35	31	24
100 horsepower (PTO) or more						
farms	91	58	66	50	75	62
number	137	89	120	75	115	118
Grain and bean combines						
farms	65	45	74	49	53	52
number	68	51	90	50	58	55
Cotton pickers and strippers						
farms	-	-	-	-	-	-
number	-	-	-	-	-	-
Forage harvesters, self-propelled						
farms	-	-	-	1	-	1
number	-	-	-	(D)	-	(D)
Hay balers						
farms	5	13	19	17	26	15
number	6	13	23	17	26	16

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Table 39. Machinery and Equipment on Operation: 2022 and 2017 (continued)

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

Item	Butler	Calhoun	Carroll	Cass	Cedar	Cerro Gordo
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment farms, 2022	1,063	765	1,069	688	912	800
..... farms, 2017	1,074	813	1,074	643	932	760
..... \$1,000, 2022	223,111	247,186	345,256	209,399	326,142	255,012
..... \$1,000, 2017	217,016	236,485	257,059	152,338	256,545	190,242
Average per farm dollars, 2022	209,888	323,119	322,971	304,360	357,612	318,765
..... dollars, 2017	202,064	290,880	239,347	236,918	275,263	250,319
Farms by value group:						
\$1 to \$9,999 farms, 2022	96	46	53	87	60	65
..... farms, 2017	200	106	99	40	82	68
\$10,000 to \$19,999 farms, 2022	124	74	85	60	79	65
..... farms, 2017	129	58	100	99	88	77
\$20,000 to \$29,999 farms, 2022	93	66	46	60	54	75
..... farms, 2017	105	87	81	79	96	100
\$30,000 to \$49,999 farms, 2022	134	54	95	60	97	80
..... farms, 2017	110	89	127	67	98	77
\$50,000 to \$69,999 farms, 2022	122	62	83	48	92	58
..... farms, 2017	73	57	82	46	75	51
\$70,000 to \$99,999 farms, 2022	81	53	82	26	79	40
..... farms, 2017	52	33	48	57	62	58
\$100,000 to \$199,999 farms, 2022	127	114	181	81	90	120
..... farms, 2017	121	66	186	72	114	72
\$200,000 to \$499,999 farms, 2022	166	138	222	126	169	144
..... farms, 2017	161	145	185	96	147	128
\$500,000 or more farms, 2022	120	158	222	140	192	153
..... farms, 2017	123	172	166	87	170	129
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups farms, 2022	760	519	880	548	718	630
..... farms, 2017	798	570	848	502	767	603
..... number, 2022	1,602	1,169	1,896	1,320	1,596	1,494
..... number, 2017	1,618	1,212	1,779	1,166	1,645	1,247
Tractors farms, 2022	777	519	845	531	753	605
..... farms, 2017	850	553	845	504	755	594
..... number, 2022	2,505	1,771	2,921	1,811	2,652	1,963
..... number, 2017	2,812	2,035	2,973	1,718	2,624	2,040
Less than 40 horsepower (PTO) farms, 2022	317	159	265	147	311	215
..... farms, 2017	386	178	321	173	322	252
..... number, 2022	536	266	423	244	431	316
..... number, 2017	633	300	502	270	465	382
40 to 99 horsepower (PTO) farms, 2022	483	272	501	304	524	396
..... farms, 2017	578	361	535	320	547	394
..... number, 2022	811	417	833	498	845	574
..... number, 2017	947	567	873	590	918	660
100 horsepower (PTO) or more farms, 2022	477	418	674	397	510	407
..... farms, 2017	495	450	640	344	494	399
..... number, 2022	1,158	1,088	1,665	1,069	1,376	1,073
..... number, 2017	1,232	1,168	1,598	858	1,241	998
Grain and bean combines, self-propelled farms, 2022	340	359	504	264	354	336
..... farms, 2017	398	390	484	234	371	342
..... number, 2022	389	382	544	298	375	388
..... number, 2017	428	414	509	269	384	380
Cotton pickers and strippers, self-propelled farms, 2022	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-
..... number, 2022	-	-	-	-	-	-
..... number, 2017	-	-	-	-	-	-
Forage harvesters, self-propelled farms, 2022	14	7	25	24	8	11
..... farms, 2017	10	15	40	14	7	6
..... number, 2022	15	7	25	28	8	12
..... number, 2017	10	17	43	14	7	6
Hay balers farms, 2022	187	105	191	171	204	112
..... farms, 2017	210	117	209	162	219	120
..... number, 2022	224	116	230	195	247	125
..... number, 2017	236	131	257	185	262	132
2022 INVENTORY						
Manufactured 2017 to 2022:						
Trucks, including pickups farms	222	189	353	194	232	230
..... number	254	231	499	244	301	292
Tractors farms	90	82	120	102	160	93
..... number	138	200	249	170	252	158
Less than 40 horsepower (PTO) farms	19	9	38	20	45	23
..... number	22	14	44	22	45	23
40 to 99 horsepower (PTO) farms	25	27	26	20	46	29
..... number	28	44	29	27	52	29
100 horsepower (PTO) or more farms	58	72	89	76	93	48
..... number	88	142	176	121	155	106
Grain and bean combines farms	39	71	79	50	80	64
..... number	41	82	95	50	86	71
Cotton pickers and strippers farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	1	-	1	-	1	-
..... number	(D)	-	(D)	-	(D)	-
Hay balers farms	4	9	18	13	19	4
..... number	5	9	18	13	19	4

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Table 39. Machinery and Equipment on Operation: 2022 and 2017 (continued)

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

Item	Cherokee	Chickasaw	Clarke	Clay	Clayton	Clinton
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment farms, 2022	810	1,009	649	729	1,631	1,147
..... farms, 2017	863	973	624	715	1,525	1,169
..... \$1,000, 2022	273,299	270,745	72,041	229,662	297,294	318,388
..... \$1,000, 2017	259,396	221,048	61,486	222,070	254,336	295,670
Average per farm dollars, 2022	337,406	268,330	111,003	315,036	182,277	277,583
..... dollars, 2017	300,575	227,181	98,535	310,588	166,778	252,926
Farms by value group:						
\$1 to \$9,999 farms, 2022	49	51	76	44	163	88
..... farms, 2017	63	110	132	61	168	110
\$10,000 to \$19,999 farms, 2022	58	83	88	53	170	80
..... farms, 2017	50	104	73	81	211	115
\$20,000 to \$29,999 farms, 2022	26	104	68	50	173	107
..... farms, 2017	43	102	76	41	139	110
\$30,000 to \$49,999 farms, 2022	42	146	86	87	260	88
..... farms, 2017	79	84	86	73	202	98
\$50,000 to \$69,999 farms, 2022	78	71	69	48	170	95
..... farms, 2017	66	70	50	57	137	87
\$70,000 to \$99,999 farms, 2022	48	52	63	45	120	61
..... farms, 2017	70	58	49	38	109	71
\$100,000 to \$199,999 farms, 2022	142	155	103	120	181	251
..... farms, 2017	115	120	70	99	180	178
\$200,000 to \$499,999 farms, 2022	191	174	73	144	226	206
..... farms, 2017	204	185	61	107	234	192
\$500,000 or more farms, 2022	176	173	23	138	168	171
..... farms, 2017	173	140	27	158	145	208
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups farms, 2022	645	738	488	549	1,137	924
..... farms, 2017	702	750	491	534	1,119	965
..... number, 2022	1,480	1,593	956	1,323	2,220	1,929
..... number, 2017	1,571	1,504	894	1,320	1,977	1,954
Tractors farms, 2022	623	777	505	540	1,284	981
..... farms, 2017	704	807	488	532	1,174	987
..... number, 2022	2,297	2,747	1,222	1,808	3,847	3,352
..... number, 2017	2,582	2,875	1,245	1,889	3,726	3,473
Less than 40 horsepower (PTO) farms, 2022	163	250	168	187	454	357
..... farms, 2017	178	314	159	159	364	348
..... number, 2022	273	393	228	283	652	527
..... number, 2017	282	514	235	227	527	515
40 to 99 horsepower (PTO) farms, 2022	403	499	325	306	872	652
..... farms, 2017	455	528	332	338	829	703
..... number, 2022	680	793	473	499	1,375	1,213
..... number, 2017	750	943	515	538	1,335	1,262
100 horsepower (PTO) or more farms, 2022	505	577	242	383	741	620
..... farms, 2017	583	559	255	416	742	647
..... number, 2022	1,344	1,561	521	1,026	1,820	1,612
..... number, 2017	1,550	1,418	495	1,124	1,864	1,696
Grain and bean combines, self-propelled farms, 2022	395	425	106	297	434	457
..... farms, 2017	443	397	117	341	450	492
..... number, 2022	452	456	122	338	484	509
..... number, 2017	505	433	131	359	499	538
Cotton pickers and strippers, self-propelled farms, 2022	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-
..... number, 2022	-	-	-	-	-	-
..... number, 2017	-	-	-	-	-	-
Forage harvesters, self-propelled farms, 2022	32	25	13	11	78	46
..... farms, 2017	34	36	15	13	63	60
..... number, 2022	35	25	13	11	81	47
..... number, 2017	36	42	16	13	73	60
Hay balers farms, 2022	147	229	176	113	436	274
..... farms, 2017	191	268	190	113	479	291
..... number, 2022	178	270	209	128	564	298
..... number, 2017	213	341	225	139	612	336
2022 INVENTORY						
Manufactured 2017 to 2022:						
Trucks, including pickups farms	224	196	122	177	305	225
..... number	285	246	135	236	419	281
Tractors farms	86	105	46	75	161	164
..... number	174	192	55	106	213	241
Less than 40 horsepower (PTO) farms	22	19	12	11	40	31
..... number	24	19	12	13	43	32
40 to 99 horsepower (PTO) farms	17	35	25	23	62	55
..... number	20	35	28	24	64	59
100 horsepower (PTO) or more farms	70	68	13	44	71	92
..... number	130	138	15	69	106	150
Grain and bean combines farms	52	57	7	47	34	94
..... number	61	57	7	48	34	96
Cotton pickers and strippers farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	-	-	-	-	3	3
..... number	-	-	-	-	3	3
Hay balers farms	34	29	21	2	47	46
..... number	34	30	25	(D)	47	46

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Table 39. Machinery and Equipment on Operation: 2022 and 2017 (continued)

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

Item	Crawford	Dallas	Davis	Decatur	Delaware	Des Moines
VALUE OF MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment farms, 2022	951	901	940	666	1,490	648
..... farms, 2017	915	924	826	659	1,331	593
..... \$1,000, 2022	353,701	244,467	129,553	107,684	391,896	119,922
..... \$1,000, 2017	246,509	172,516	103,483	85,511	348,382	108,737
Average per farm dollars, 2022	371,926	271,329	137,822	161,688	263,018	185,065
..... dollars, 2017	269,409	186,706	125,282	129,758	261,745	183,368
Farms by value group:						
\$1 to \$9,999 farms, 2022	99	123	162	81	84	54
..... farms, 2017	85	122	137	135	75	97
\$10,000 to \$19,999 farms, 2022	68	101	134	54	116	97
..... farms, 2017	80	119	140	72	101	68
\$20,000 to \$29,999 farms, 2022	76	102	99	76	99	57
..... farms, 2017	77	75	97	61	130	60
\$30,000 to \$49,999 farms, 2022	58	80	127	107	146	76
..... farms, 2017	84	150	95	80	117	56
\$50,000 to \$69,999 farms, 2022	48	110	89	84	122	72
..... farms, 2017	69	113	75	62	114	59
\$70,000 to \$99,999 farms, 2022	90	56	70	50	88	37
..... farms, 2017	51	45	63	41	121	37
\$100,000 to \$199,999 farms, 2022	126	99	113	83	272	97
..... farms, 2017	160	104	86	83	202	56
\$200,000 to \$499,999 farms, 2022	199	103	91	73	307	82
..... farms, 2017	170	84	85	82	239	98
\$500,000 or more farms, 2022	187	127	55	58	256	76
..... farms, 2017	139	112	48	43	232	62
SELECTED MACHINERY AND EQUIPMENT						
Trucks, including pickups farms, 2022	775	654	592	475	1,203	489
..... farms, 2017	732	685	531	514	1,082	433
..... number, 2022	1,874	1,274	1,096	996	2,249	903
..... number, 2017	1,780	1,351	918	941	1,961	841
Tractors farms, 2022	755	636	617	479	1,232	520
..... farms, 2017	709	704	556	519	1,140	467
..... number, 2022	2,683	1,591	1,508	1,227	4,153	1,294
..... number, 2017	2,633	1,753	1,336	1,182	4,035	1,309
Less than 40 horsepower (PTO) farms, 2022	248	257	215	158	401	209
..... farms, 2017	222	278	161	160	377	191
..... number, 2022	341	325	284	218	595	263
..... number, 2017	354	369	212	209	574	241
40 to 99 horsepower (PTO) farms, 2022	467	364	391	320	782	310
..... farms, 2017	467	405	367	307	779	291
..... number, 2022	817	511	596	463	1,238	428
..... number, 2017	836	579	540	443	1,316	448
100 horsepower (PTO) or more farms, 2022	579	301	308	253	893	292
..... farms, 2017	540	361	276	265	822	275
..... number, 2022	1,525	755	628	546	2,320	603
..... number, 2017	1,443	805	584	530	2,145	620
Grain and bean combines, self-propelled farms, 2022	423	207	134	95	591	195
..... farms, 2017	393	267	120	94	553	222
..... number, 2022	491	225	142	115	625	210
..... number, 2017	455	279	125	98	588	245
Cotton pickers and strippers, self-propelled farms, 2022	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-
..... number, 2022	-	-	-	-	-	-
..... number, 2017	-	-	-	-	-	-
Forage harvesters, self-propelled farms, 2022	26	11	23	13	66	6
..... farms, 2017	20	10	19	23	59	7
..... number, 2022	26	13	29	14	67	6
..... number, 2017	22	15	24	23	63	7
Hay balers farms, 2022	216	98	318	184	389	101
..... farms, 2017	217	140	298	167	433	98
..... number, 2022	253	118	372	213	453	121
..... number, 2017	253	170	353	192	501	119
2022 INVENTORY						
Manufactured 2017 to 2022:						
Trucks, including pickups farms	293	216	154	128	320	117
..... number	453	321	176	138	383	165
Tractors farms	174	123	87	55	163	103
..... number	348	207	117	67	288	146
Less than 40 horsepower (PTO) farms	41	42	22	12	27	35
..... number	48	44	22	13	30	37
40 to 99 horsepower (PTO) farms	58	44	40	16	47	40
..... number	69	60	42	17	62	46
100 horsepower (PTO) or more farms	118	51	33	35	126	39
..... number	231	103	53	37	196	63
Grain and bean combines farms	91	54	4	5	92	43
..... number	117	59	6	(D)	93	43
Cotton pickers and strippers farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-
Forage harvesters, self-propelled farms	2	3	1	4	5	-
..... number	(D)	3	(D)	4	5	-
Hay balers farms	26	12	19	27	74	17
..... number	27	12	19	27	74	17

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Table 39. Machinery and Equipment on Operation: 2022 and 2017 (continued)

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

Item	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin	Fremont	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment	farms, 2022	438	1,554	403	1,360	989	849	461
	2017	410	1,402	488	1,265	917	835	527
	\$1,000, 2022	121,461	353,117	203,140	382,423	247,604	292,733	182,680
	2017	117,125	264,768	174,185	281,657	218,401	223,475	153,219
Average per farm	dollars, 2022	277,309	227,231	504,070	281,193	250,358	344,798	396,269
	2017	285,670	188,850	356,936	222,654	238,169	267,635	290,739
Farms by value group:								
\$1 to \$9,999	2022	34	108	40	130	102	63	31
	2017	66	90	68	113	119	83	57
\$10,000 to \$19,999	2022	40	104	14	160	81	67	33
	2017	29	142	36	115	84	100	58
\$20,000 to \$29,999	2022	37	109	27	91	106	54	37
	2017	24	115	20	127	84	85	62
\$30,000 to \$49,999	2022	29	170	38	126	115	84	61
	2017	51	162	35	150	119	44	74
\$50,000 to \$69,999	2022	27	158	23	111	67	59	54
	2017	25	143	39	132	71	78	50
\$70,000 to \$99,999	2022	23	130	16	92	40	52	17
	2017	24	109	26	70	50	57	25
\$100,000 to \$199,999	2022	76	280	60	173	169	103	60
	2017	45	244	52	167	96	100	38
\$200,000 to \$499,999	2022	84	305	58	235	139	172	63
	2017	68	257	106	217	137	122	70
\$500,000 or more	2022	88	190	127	242	170	195	105
	2017	78	140	106	174	157	166	93
SELECTED MACHINERY AND EQUIPMENT								
Trucks, including pickups	farms, 2022	301	1,273	328	1,060	713	640	356
	2017	308	1,153	396	954	679	584	380
	number, 2022	764	1,984	1,027	2,066	1,603	1,471	1,085
	2017	831	2,021	1,019	1,805	1,598	1,251	938
Tractors	farms, 2022	312	1,353	309	1,101	764	601	341
	2017	311	1,212	385	996	757	588	376
	number, 2022	1,026	4,850	1,251	3,720	2,627	2,281	1,155
	2017	1,263	4,425	1,550	3,565	2,582	2,269	1,279
Less than 40 horsepower (PTO)	farms, 2022	110	486	102	386	323	234	90
	2017	120	395	144	423	285	234	128
	number, 2022	157	725	145	572	507	405	202
	2017	192	591	235	633	428	370	203
40 to 99 horsepower (PTO)	farms, 2022	167	930	196	784	512	360	202
	2017	215	877	231	719	489	377	231
	number, 2022	258	1,635	337	1,306	792	601	321
	2017	379	1,661	392	1,259	850	620	362
100 horsepower (PTO) or more	farms, 2022	224	931	247	745	543	457	239
	2017	230	825	311	664	488	457	251
	number, 2022	611	2,490	769	1,842	1,328	1,275	632
	2017	692	2,173	923	1,673	1,304	1,279	714
Grain and bean combines, self-propelled	farms, 2022	177	522	203	532	382	398	181
	2017	188	485	273	482	377	364	198
	number, 2022	189	561	236	572	412	435	240
	2017	211	503	320	533	436	404	253
Cotton pickers and strippers, self-propelled	farms, 2022	-	-	-	-	-	-	-
	2017	-	-	-	-	-	-	-
	number, 2022	-	-	-	-	-	-	-
	2017	-	-	-	-	-	-	-
Forage harvesters, self-propelled	farms, 2022	18	93	14	44	27	19	1
	2017	22	93	16	38	27	9	2
	number, 2022	21	99	14	48	28	19	(D)
	2017	23	107	16	38	27	9	(D)
Hay balers	farms, 2022	55	548	66	293	196	107	48
	2017	78	504	94	305	187	122	67
	number, 2022	74	648	82	348	244	127	59
	2017	104	619	105	353	218	133	88
2022 INVENTORY								
Manufactured 2017 to 2022:								
Trucks, including pickups	farms	91	373	125	316	213	221	152
	number	114	418	149	382	234	287	244
Tractors	farms	34	152	45	150	106	107	66
	number	48	232	92	234	183	184	125
Less than 40 horsepower (PTO)	farms	6	48	12	22	34	21	11
	number	6	51	15	27	34	26	11
40 to 99 horsepower (PTO)	farms	16	50	12	52	35	21	27
	number	18	56	16	58	39	28	45
100 horsepower (PTO) or more	farms	16	75	35	93	57	77	46
	number	24	125	61	149	110	130	69
Grain and bean combines	farms	19	38	43	53	29	60	42
	number	19	40	44	55	32	67	51
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Forage harvesters, self-propelled	farms	3	9	2	2	-	3	1
	number	3	9	(D)	(D)	-	3	(D)
Hay balers	farms	5	88	6	39	13	8	2
	number	5	91	7	39	15	8	(D)

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Table 39. Machinery and Equipment on Operation: 2022 and 2017 (continued)

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

Item	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment	farms, 2022	759	670	904	770	860	839	811
	2017	700	760	802	732	801	837	794
	\$1,000, 2022	263,782	258,610	176,867	300,604	303,629	291,178	247,525
	2017	209,221	218,642	191,717	222,428	265,228	250,291	218,474
Average per farm	dollars, 2022	347,539	385,985	195,650	390,394	353,056	347,053	305,209
	2017	298,887	287,687	239,048	303,864	331,122	299,034	275,156
Farms by value group:								
\$1 to \$9,999	2022	59	46	109	22	75	39	51
	2017	78	34	109	111	54	130	108
\$10,000 to \$19,999	2022	58	62	90	77	50	104	80
	2017	60	57	108	52	56	44	93
\$20,000 to \$29,999	2022	62	46	84	70	45	69	76
	2017	47	94	60	65	76	72	69
\$30,000 to \$49,999	2022	72	60	84	95	78	77	64
	2017	82	96	105	52	98	78	75
\$50,000 to \$69,999	2022	35	29	91	72	79	109	78
	2017	35	52	62	46	62	50	75
\$70,000 to \$99,999	2022	70	37	78	77	58	47	83
	2017	57	40	45	43	42	69	32
\$100,000 to \$199,999	2022	117	74	134	75	137	104	92
	2017	84	86	102	100	97	96	95
\$200,000 to \$499,999	2022	125	141	153	135	173	123	135
	2017	111	161	116	127	150	110	88
\$500,000 or more	2022	161	175	81	147	165	167	152
	2017	146	140	95	136	166	188	159
SELECTED MACHINERY AND EQUIPMENT								
Trucks, including pickups	farms, 2022	535	541	677	548	669	597	614
	2017	538	610	607	581	645	634	574
	number, 2022	1,388	1,366	1,424	1,488	1,661	1,462	1,403
	2017	1,454	1,346	1,392	1,410	1,468	1,504	1,307
Tractors	farms, 2022	509	479	629	524	627	566	605
	2017	530	583	610	581	633	644	588
	number, 2022	1,694	1,722	1,858	1,970	2,441	2,081	1,840
	2017	1,867	2,099	1,925	2,005	2,463	2,256	1,903
Less than 40 horsepower (PTO)	farms, 2022	182	169	216	206	234	199	170
	2017	199	189	213	212	261	231	188
	number, 2022	267	247	315	319	385	338	271
	2017	305	270	335	331	398	331	267
40 to 99 horsepower (PTO)	farms, 2022	288	288	389	327	382	351	313
	2017	310	406	388	362	417	410	323
	number, 2022	445	453	618	553	616	567	467
	2017	480	655	649	587	668	664	491
100 horsepower (PTO) or more	farms, 2022	358	391	417	386	522	420	445
	2017	404	446	384	403	523	446	431
	number, 2022	982	1,022	925	1,098	1,440	1,176	1,102
	2017	1,082	1,174	941	1,087	1,397	1,261	1,145
Grain and bean combines, self-propelled	farms, 2022	272	304	292	321	417	310	284
	2017	324	366	249	312	408	363	303
	number, 2022	302	330	340	362	476	342	303
	2017	346	399	293	344	456	397	318
Cotton pickers and strippers, self-propelled	farms, 2022	-	-	-	-	-	-	-
	2017	-	-	-	-	-	-	-
	number, 2022	-	-	-	-	-	-	-
	2017	-	-	-	-	-	-	-
Forage harvesters, self-propelled	farms, 2022	21	9	20	5	18	7	16
	2017	14	13	24	5	15	15	16
	number, 2022	21	9	22	5	18	7	16
	2017	14	13	31	5	15	17	16
Hay balers	farms, 2022	92	111	175	86	126	127	101
	2017	76	160	159	113	135	134	122
	number, 2022	108	128	204	103	159	141	113
	2017	90	194	187	132	174	147	135
2022 INVENTORY								
Manufactured 2017 to 2022:								
Trucks, including pickups	farms	204	183	211	224	221	199	233
	number	301	242	262	356	278	263	295
Tractors	farms	84	66	77	113	79	92	114
	number	127	134	113	306	153	170	172
Less than 40 horsepower (PTO)	farms	20	16	13	43	11	20	12
	number	20	18	13	52	13	24	16
40 to 99 horsepower (PTO)	farms	23	13	27	30	20	35	30
	number	29	19	28	61	23	40	31
100 horsepower (PTO) or more	farms	48	52	48	70	56	55	91
	number	78	97	72	193	117	106	125
Grain and bean combines	farms	57	33	27	49	46	51	88
	number	62	42	30	57	57	55	88
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Forage harvesters, self-propelled	farms	3	-	4	-	-	1	4
	number	3	-	4	-	-	(D)	4
Hay balers	farms	13	3	20	1	4	10	15
	number	13	3	20	(D)	5	11	15

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Table 39. Machinery and Equipment on Operation: 2022 and 2017 (continued)

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment	farms, 2022	831	869	580	456	968	1,131	1,151
	2017	908	879	572	525	970	1,107	986
	\$1,000, 2022	174,156	236,915	182,211	155,053	231,747	217,996	346,607
	2017	151,713	216,885	168,819	171,514	203,412	209,673	252,651
Average per farm	dollars, 2022	209,574	272,630	314,157	340,028	239,408	192,746	301,135
	2017	167,085	246,741	295,137	326,692	209,704	189,407	256,238
Farms by value group:								
\$1 to \$9,999	2022	84	115	24	47	104	108	119
	2017	115	164	47	46	135	111	111
\$10,000 to \$19,999	2022	105	107	27	38	98	117	99
	2017	136	72	45	63	110	95	119
\$20,000 to \$29,999	2022	103	41	46	29	87	60	89
	2017	98	83	23	40	53	92	79
\$30,000 to \$49,999	2022	107	78	51	22	105	138	123
	2017	122	87	58	47	129	135	90
\$50,000 to \$69,999	2022	84	79	40	22	85	127	106
	2017	86	52	31	34	73	117	103
\$70,000 to \$99,999	2022	71	56	40	40	79	109	81
	2017	31	55	42	24	69	95	74
\$100,000 to \$199,999	2022	92	142	122	58	116	173	111
	2017	105	102	85	75	158	156	95
\$200,000 to \$499,999	2022	86	123	115	102	168	182	207
	2017	129	132	130	75	130	210	147
\$500,000 or more	2022	99	128	115	98	126	117	216
	2017	86	132	111	121	113	96	168
SELECTED MACHINERY AND EQUIPMENT								
Trucks, including pickups	farms, 2022	589	561	451	385	773	878	945
	2017	638	608	469	445	778	917	815
	number, 2022	1,191	1,347	1,000	903	1,604	1,512	2,086
	2017	1,252	1,259	960	1,116	1,573	1,622	1,704
Tractors	farms, 2022	641	637	443	362	804	916	899
	2017	662	634	459	417	790	922	811
	number, 2022	1,778	2,355	1,417	1,174	2,466	2,955	2,856
	2017	1,914	2,323	1,629	1,530	2,449	3,007	2,559
Less than 40 horsepower (PTO)	farms, 2022	272	250	126	93	265	312	303
	2017	257	252	186	145	264	322	255
	number, 2022	381	416	197	139	359	460	449
	2017	326	438	291	230	395	444	414
40 to 99 horsepower (PTO)	farms, 2022	396	448	260	226	510	600	551
	2017	448	467	263	251	538	678	537
	number, 2022	582	763	401	352	848	1,113	906
	2017	684	763	439	457	890	1,214	912
100 horsepower (PTO) or more	farms, 2022	339	425	334	294	497	556	597
	2017	376	401	344	309	483	543	540
	number, 2022	815	1,176	819	683	1,259	1,382	1,501
	2017	904	1,122	899	843	1,164	1,349	1,233
Grain and bean combines, self-propelled	farms, 2022	218	308	270	195	330	304	413
	2017	258	336	287	229	315	331	401
	number, 2022	242	347	286	221	371	339	467
	2017	298	372	308	260	341	357	441
Cotton pickers and strippers, self-propelled	farms, 2022	-	-	-	-	-	-	-
	2017	-	-	-	-	-	-	-
	number, 2022	-	-	-	-	-	-	-
	2017	-	-	-	-	-	-	-
Forage harvesters, self-propelled	farms, 2022	5	16	4	20	17	57	19
	2017	10	29	19	22	26	74	24
	number, 2022	5	16	4	24	18	60	23
	2017	10	29	19	22	26	75	28
Hay balers	farms, 2022	154	162	36	103	216	372	291
	2017	182	158	55	130	254	420	288
	number, 2022	182	193	38	114	240	448	355
	2017	232	200	65	166	298	503	336
2022 INVENTORY								
Manufactured 2017 to 2022:								
Trucks, including pickups	farms	154	162	181	115	205	221	279
	number	178	189	243	171	308	239	365
Tractors	farms	104	81	80	46	112	117	123
	number	146	137	169	81	194	201	203
Less than 40 horsepower (PTO)	farms	34	10	28	6	25	29	32
	number	46	13	39	6	29	36	32
40 to 99 horsepower (PTO)	farms	25	29	32	17	50	33	38
	number	32	38	43	19	60	42	47
100 horsepower (PTO) or more	farms	51	49	50	33	56	73	75
	number	68	86	87	56	105	123	124
Grain and bean combines	farms	37	30	42	33	38	41	86
	number	38	42	42	35	45	41	99
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Forage harvesters, self-propelled	farms	-	2	-	1	-	4	5
	number	-	(D)	-	(D)	-	4	5
Hay balers	farms	14	16	3	21	25	67	30
	number	15	16	3	21	28	71	30

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Table 39. Machinery and Equipment on Operation: 2022 and 2017 (continued)

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

Item	Jefferson	Johnson	Jones	Keokuk	Kossuth	Lee	Linn
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment farms, 2022	680	1,212	991	871	1,341	804	1,416
..... farms, 2017	636	1,257	1,110	927	1,347	837	1,374
..... \$1,000, 2022	113,803	218,005	278,220	197,206	483,937	145,335	318,401
..... dollars, 2017	102,715	219,631	258,560	180,899	405,163	104,601	230,218
Average per farm dollars, 2022	167,358	179,872	280,747	226,413	360,878	180,765	224,859
..... dollars, 2017	161,501	174,726	232,937	195,144	300,789	124,972	167,553
Farms by value group:							
\$1 to \$9,999 farms, 2022	52	149	54	97	101	59	93
..... farms, 2017	98	173	106	149	114	105	169
\$10,000 to \$19,999 farms, 2022	61	129	69	110	117	67	98
..... farms, 2017	98	117	120	85	138	146	143
\$20,000 to \$29,999 farms, 2022	76	102	59	69	66	86	133
..... farms, 2017	101	123	115	91	88	87	149
\$30,000 to \$49,999 farms, 2022	107	127	122	98	104	116	205
..... farms, 2017	69	143	131	94	107	96	205
\$50,000 to \$69,999 farms, 2022	81	112	118	64	83	106	163
..... farms, 2017	62	147	97	75	85	90	136
\$70,000 to \$99,999 farms, 2022	80	113	107	49	75	77	98
..... farms, 2017	31	103	69	69	63	46	95
\$100,000 to \$199,999 farms, 2022	91	184	147	128	196	131	250
..... farms, 2017	58	166	147	105	158	112	157
\$200,000 to \$499,999 farms, 2022	85	176	140	120	257	79	192
..... farms, 2017	65	169	166	137	299	110	180
\$500,000 or more farms, 2022	47	120	175	136	342	83	184
..... farms, 2017	54	116	159	122	295	45	140
SELECTED MACHINERY AND EQUIPMENT							
Trucks, including pickups farms, 2022	506	870	799	644	1,048	628	1,130
..... farms, 2017	453	859	865	697	1,068	662	1,108
..... number, 2022	947	1,662	1,590	1,357	2,646	1,262	2,257
..... number, 2017	820	1,676	1,576	1,452	2,414	1,281	2,094
Tractors farms, 2022	552	991	825	653	1,044	627	1,165
..... farms, 2017	491	994	861	675	1,050	681	1,160
..... number, 2022	1,510	2,951	2,779	2,006	4,108	1,867	3,490
..... number, 2017	1,420	3,122	2,861	2,275	3,990	1,945	3,360
Less than 40 horsepower (PTO) farms, 2022	192	375	327	174	365	262	481
..... farms, 2017	201	374	329	221	366	329	478
..... number, 2022	296	534	466	234	545	403	778
..... number, 2017	324	557	473	339	530	458	768
40 to 99 horsepower (PTO) farms, 2022	388	674	529	416	657	434	792
..... farms, 2017	360	716	556	454	657	429	781
..... number, 2022	650	1,266	887	678	1,143	691	1,260
..... number, 2017	583	1,367	985	772	1,045	701	1,206
100 horsepower (PTO) or more farms, 2022	247	506	525	445	839	335	627
..... farms, 2017	221	528	570	460	877	326	615
..... number, 2022	564	1,151	1,426	1,094	2,420	773	1,452
..... number, 2017	513	1,198	1,403	1,164	2,415	786	1,386
Grain and bean combines, self-propelled farms, 2022	160	335	378	306	708	224	424
..... farms, 2017	149	406	381	324	738	251	412
..... number, 2022	195	355	410	342	810	253	441
..... number, 2017	171	448	404	360	817	275	439
Cotton pickers and strippers, self-propelled farms, 2022	-	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-	-
..... number, 2022	-	-	-	-	-	-	-
..... number, 2017	-	-	-	-	-	-	-
Forage harvesters, self-propelled farms, 2022	8	11	27	23	31	6	28
..... farms, 2017	16	18	34	28	17	18	32
..... number, 2022	8	12	27	31	33	6	29
..... number, 2017	16	18	36	29	20	19	34
Hay balers farms, 2022	175	284	280	210	168	176	308
..... farms, 2017	146	359	299	228	199	199	352
..... number, 2022	211	347	336	240	199	217	365
..... number, 2017	180	481	347	255	241	256	449
2022 INVENTORY							
Manufactured 2017 to 2022:							
Trucks, including pickups farms	120	201	259	201	377	136	320
..... number	142	255	309	236	487	168	404
Tractors farms	79	142	135	89	140	83	175
..... number	134	197	200	112	281	109	361
Less than 40 horsepower (PTO) farms	32	46	40	13	12	32	61
..... number	42	47	41	13	21	39	94
40 to 99 horsepower (PTO) farms	42	59	42	36	42	36	91
..... number	49	65	48	36	61	42	136
100 horsepower (PTO) or more farms	21	60	74	45	107	23	76
..... number	43	85	111	63	199	28	131
Grain and bean combines farms	14	25	56	32	65	17	78
..... number	16	26	59	34	72	18	79
Cotton pickers and strippers farms	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-
Forage harvesters, self-propelled farms	1	-	2	4	-	-	-
..... number	(D)	-	(D)	4	-	-	-
Hay balers farms	16	20	28	18	6	10	37
..... number	18	22	28	18	6	12	37

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Table 39. Machinery and Equipment on Operation: 2022 and 2017 (continued)

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

Item	Louisa	Lucas	Lyon	Madison	Mahaska	Marion	Marshall
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment							
farms, 2022	597	594	1,015	1,133	881	947	898
2017	576	566	1,122	977	943	1,030	886
\$1,000, 2022	149,364	69,453	366,764	171,423	230,293	152,291	269,406
2017	132,995	61,473	322,519	137,559	186,913	133,034	230,179
Average per farm							
dollars, 2022	250,191	116,924	361,344	151,300	261,399	160,815	300,007
2017	230,894	108,610	287,450	140,797	198,211	129,159	259,796
Farms by value group:							
\$1 to \$9,999							
2022	66	83	23	156	70	69	70
2017	73	93	61	117	138	146	64
\$10,000 to \$19,999							
2022	45	62	73	136	67	111	79
2017	72	58	45	140	105	155	80
\$20,000 to \$29,999							
2022	44	77	63	148	68	111	76
2017	55	56	53	111	81	87	110
\$30,000 to \$49,999							
2022	82	84	95	157	106	176	96
2017	94	96	93	174	120	163	81
\$50,000 to \$69,999							
2022	74	52	76	104	84	101	67
2017	40	70	83	97	69	110	94
\$70,000 to \$99,999							
2022	41	61	59	113	50	79	59
2017	33	47	77	72	57	68	78
\$100,000 to \$199,999							
2022	74	87	158	133	153	129	121
2017	59	63	220	109	116	129	98
\$200,000 to \$499,999							
2022	71	52	232	105	140	102	193
2017	63	50	288	94	142	94	116
\$500,000 or more							
2022	100	36	236	81	143	69	137
2017	87	33	202	63	115	78	165
SELECTED MACHINERY AND EQUIPMENT							
Trucks, including pickups							
farms, 2022	443	436	860	874	677	702	739
2017	433	439	967	726	754	820	720
number, 2022	902	801	2,040	1,593	1,462	1,252	1,909
2017	883	847	2,114	1,375	1,351	1,586	1,654
Tractors							
farms, 2022	441	459	853	874	689	754	734
2017	421	426	960	753	738	820	731
number, 2022	1,252	1,055	2,933	1,859	2,247	1,820	2,256
2017	1,217	1,025	3,550	1,867	2,228	2,109	2,255
Less than 40 horsepower (PTO)							
farms, 2022	177	130	202	376	223	246	272
2017	144	131	227	301	240	263	258
number, 2022	256	171	291	486	356	337	374
2017	187	189	367	449	373	362	399
40 to 99 horsepower (PTO)							
farms, 2022	278	295	484	490	430	487	463
2017	279	267	600	468	479	606	471
number, 2022	434	451	760	688	694	703	706
2017	413	422	946	722	737	897	783
100 horsepower (PTO) or more							
farms, 2022	230	208	687	350	488	382	456
2017	269	199	820	334	480	399	436
number, 2022	562	433	1,882	685	1,197	780	1,176
2017	617	414	2,237	696	1,118	850	1,073
Grain and bean combines, self-propelled							
farms, 2022	167	84	422	176	349	203	334
2017	184	91	522	215	344	243	295
number, 2022	182	104	441	204	370	217	368
2017	193	110	537	235	360	264	323
Cotton pickers and strippers, self-propelled							
farms, 2022	-	-	-	-	-	-	-
2017	-	-	-	-	-	-	-
number, 2022	-	-	-	-	-	-	-
2017	-	-	-	-	-	-	-
Forage harvesters, self-propelled							
farms, 2022	-	19	74	30	16	7	4
2017	5	18	83	30	14	29	14
number, 2022	-	19	75	32	16	8	4
2017	6	20	85	30	14	30	14
Hay balers							
farms, 2022	68	180	222	246	159	249	135
2017	92	192	297	232	152	302	156
number, 2022	79	208	252	279	175	286	161
2017	109	230	338	276	175	403	212
2022 INVENTORY							
Manufactured 2017 to 2022:							
Trucks, including pickups							
farms	156	115	218	256	167	163	268
number	190	128	277	297	214	172	334
Tractors							
farms	126	56	90	162	67	68	134
number	163	62	175	206	87	89	201
Less than 40 horsepower (PTO)							
farms	38	9	24	64	10	12	40
number	40	9	28	64	10	12	42
40 to 99 horsepower (PTO)							
farms	47	33	8	55	23	42	47
number	48	33	9	66	23	43	53
100 horsepower (PTO) or more							
farms	57	17	78	55	39	23	73
number	75	20	138	76	54	34	106
Grain and bean combines							
farms	35	2	38	23	38	19	63
number	36	(D)	41	26	40	20	68
Cotton pickers and strippers							
farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Forage harvesters, self-propelled							
farms	-	2	3	4	-	2	-
number	-	(D)	3	4	-	(D)	-
Hay balers							
farms	8	27	21	30	6	14	26
number	8	28	25	30	6	14	26

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Table 39. Machinery and Equipment on Operation: 2022 and 2017 (continued)

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

Item	Mills	Mitchell	Monona	Monroe	Montgomery	Muscatine	O'Brien	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment	farms, 2022	451	798	669	620	487	742	878
	2017	520	788	619	618	516	714	876
	\$1,000, 2022	140,439	225,892	242,915	84,863	157,418	180,698	271,144
	2017	114,974	217,225	196,340	73,700	137,541	145,890	239,637
Average per farm	dollars, 2022	311,396	283,072	363,102	136,875	323,241	243,528	308,820
	2017	221,104	275,666	317,189	119,256	266,552	204,328	273,559
Farms by value group:								
\$1 to \$9,999	2022	43	60	51	60	53	54	31
	2017	57	65	73	73	45	94	37
\$10,000 to \$19,999	2022	56	67	30	70	46	59	45
	2017	73	72	81	96	57	92	55
\$20,000 to \$29,999	2022	39	44	61	49	34	77	46
	2017	65	63	48	76	30	78	46
\$30,000 to \$49,999	2022	49	79	67	90	35	91	62
	2017	51	90	74	91	55	80	67
\$50,000 to \$69,999	2022	42	58	53	76	31	80	40
	2017	49	49	38	60	42	47	58
\$70,000 to \$99,999	2022	30	69	48	66	20	69	64
	2017	20	50	42	46	43	43	91
\$100,000 to \$199,999	2022	47	120	100	82	86	109	176
	2017	63	83	56	78	77	87	154
\$200,000 to \$499,999	2022	47	172	105	86	96	87	229
	2017	55	164	78	72	81	98	202
\$500,000 or more	2022	98	129	154	41	86	116	185
	2017	87	152	129	26	86	95	166
SELECTED MACHINERY AND EQUIPMENT								
Trucks, including pickups	farms, 2022	361	604	485	457	375	586	677
	2017	409	609	481	440	417	609	736
	number, 2022	798	1,366	1,220	801	917	1,223	1,459
	2017	910	1,342	1,175	770	1,062	1,171	1,482
Tractors	farms, 2022	366	626	473	501	373	610	649
	2017	400	660	469	470	419	605	727
	number, 2022	1,118	2,472	1,666	1,143	1,186	1,938	2,392
	2017	1,266	2,459	1,728	1,067	1,399	1,897	2,693
Less than 40 horsepower (PTO)	farms, 2022	146	271	130	145	120	290	176
	2017	155	251	156	138	119	230	210
	number, 2022	194	492	221	198	191	471	283
	2017	241	381	242	183	177	322	317
40 to 99 horsepower (PTO)	farms, 2022	232	424	209	326	211	400	407
	2017	225	479	284	308	266	411	478
	number, 2022	361	718	346	447	311	642	635
	2017	360	800	505	433	427	689	811
100 horsepower (PTO) or more	farms, 2022	219	447	384	246	257	324	581
	2017	232	484	333	215	319	352	613
	number, 2022	563	1,262	1,099	498	684	825	1,474
	2017	665	1,278	981	451	795	886	1,565
Grain and bean combines, self-propelled	farms, 2022	150	349	320	113	180	231	435
	2017	196	378	255	112	233	269	500
	number, 2022	181	372	380	125	223	262	476
	2017	232	407	291	123	268	303	540
Cotton pickers and strippers, self-propelled	farms, 2022	-	-	-	-	-	-	-
	2017	-	-	-	-	-	-	-
	number, 2022	-	-	-	-	-	-	-
	2017	-	-	-	-	-	-	-
Forage harvesters, self-propelled	farms, 2022	1	24	15	9	8	15	16
	2017	2	36	13	22	14	8	34
	number, 2022	(D)	29	17	13	8	15	25
	2017	(D)	38	13	24	14	8	34
Hay balers	farms, 2022	60	184	75	164	91	148	139
	2017	59	212	114	193	125	168	178
	number, 2022	65	223	92	184	105	179	160
	2017	75	243	142	222	140	207	204
2022 INVENTORY								
Manufactured 2017 to 2022:								
Trucks, including pickups	farms	130	156	162	123	116	184	191
	number	155	196	222	145	175	215	236
Tractors	farms	73	89	81	87	51	108	82
	number	88	149	127	94	97	196	132
Less than 40 horsepower (PTO)	farms	15	21	7	27	9	42	6
	number	15	25	7	27	9	64	6
40 to 99 horsepower (PTO)	farms	14	33	11	34	14	35	38
	number	14	33	16	34	14	38	44
100 horsepower (PTO) or more	farms	49	56	69	30	33	48	55
	number	59	91	104	33	74	94	82
Grain and bean combines	farms	31	53	84	6	25	42	28
	number	33	56	90	6	37	47	28
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Forage harvesters, self-propelled	farms	-	5	1	-	1	-	5
	number	-	5	(D)	-	(D)	-	5
Hay balers	farms	5	11	11	16	17	11	18
	number	5	11	11	16	17	11	19

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Table 39. Machinery and Equipment on Operation: 2022 and 2017 (continued)

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

Item	Osceola	Page	Palo Alto	Plymouth	Pocahontas	Polk	Pottawattamie
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment							
..... farms, 2022	559	639	839	1,282	802	768	1,203
..... farms, 2017	591	715	784	1,219	730	755	1,114
..... \$1,000, 2022	194,285	160,667	296,773	438,536	294,494	164,371	402,012
..... \$1,000, 2017	176,044	151,707	252,938	348,058	227,658	123,809	318,125
Average per farm							
..... dollars, 2022	347,558	251,434	353,722	342,072	367,199	214,025	334,174
..... dollars, 2017	297,874	212,178	322,625	285,527	311,860	163,985	285,570
Farms by value group:							
\$1 to \$9,999							
..... farms, 2022	23	41	109	50	63	96	94
..... farms, 2017	21	84	107	78	61	111	129
\$10,000 to \$19,999							
..... farms, 2022	43	65	97	113	60	98	102
..... farms, 2017	44	70	128	72	56	115	96
\$20,000 to \$29,999							
..... farms, 2022	38	72	76	70	36	80	100
..... farms, 2017	53	92	42	60	34	70	108
\$30,000 to \$49,999							
..... farms, 2022	45	61	45	100	108	83	156
..... farms, 2017	55	66	47	117	55	122	82
\$50,000 to \$69,999							
..... farms, 2022	28	56	55	101	55	68	81
..... farms, 2017	66	48	39	98	70	85	74
\$70,000 to \$99,999							
..... farms, 2022	38	27	57	89	62	63	80
..... farms, 2017	33	43	54	88	48	38	80
\$100,000 to \$199,999							
..... farms, 2022	108	108	96	213	121	109	124
..... farms, 2017	81	72	93	247	101	50	136
\$200,000 to \$499,999							
..... farms, 2022	110	117	124	269	124	81	202
..... farms, 2017	101	136	130	220	142	75	179
\$500,000 or more							
..... farms, 2022	126	92	180	277	173	90	264
..... farms, 2017	137	104	144	239	163	89	230
SELECTED MACHINERY AND EQUIPMENT							
Trucks, including pickups							
..... farms, 2022	468	485	563	1,074	578	546	921
..... farms, 2017	498	568	587	1,060	566	562	885
..... number, 2022	1,221	1,114	1,347	2,659	1,324	1,032	2,158
..... number, 2017	1,232	1,218	1,318	2,385	1,195	1,082	1,942
Tractors							
..... farms, 2022	434	501	544	1,043	572	562	936
..... farms, 2017	486	565	539	1,047	545	557	912
..... number, 2022	1,697	1,554	2,014	3,771	2,154	1,335	3,167
..... number, 2017	1,886	1,793	2,089	3,640	2,117	1,487	2,952
Less than 40 horsepower (PTO)							
..... farms, 2022	138	133	190	265	173	221	342
..... farms, 2017	148	163	178	298	169	261	326
..... number, 2022	284	194	295	377	285	286	485
..... number, 2017	238	223	258	458	269	363	444
40 to 99 horsepower (PTO)							
..... farms, 2022	280	348	307	645	345	350	516
..... farms, 2017	346	378	361	639	359	341	566
..... number, 2022	446	504	552	1,068	612	466	887
..... number, 2017	540	597	654	1,070	632	513	862
100 horsepower (PTO) or more							
..... farms, 2022	338	349	426	850	474	259	676
..... farms, 2017	393	400	435	837	467	269	631
..... number, 2022	967	856	1,167	2,326	1,257	583	1,795
..... number, 2017	1,108	973	1,177	2,112	1,216	611	1,646
Grain and bean combines, self-propelled							
..... farms, 2022	221	224	342	616	404	189	494
..... farms, 2017	278	292	329	602	392	198	499
..... number, 2022	247	293	377	678	436	212	543
..... number, 2017	290	358	344	655	417	214	550
Cotton pickers and strippers, self-propelled							
..... farms, 2022	-	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-	-
..... number, 2022	-	-	-	-	-	-	-
..... number, 2017	-	-	-	-	-	-	-
Forage harvesters, self-propelled							
..... farms, 2022	17	9	14	51	5	10	12
..... farms, 2017	19	7	11	44	14	15	15
..... number, 2022	17	10	15	52	(D)	10	14
..... number, 2017	20	8	12	44	14	17	17
Hay balers							
..... farms, 2022	85	116	63	229	91	121	172
..... farms, 2017	119	140	109	284	85	154	191
..... number, 2022	105	135	81	269	101	147	193
..... number, 2017	146	157	118	340	102	193	221
2022 INVENTORY							
Manufactured 2017 to 2022:							
Trucks, including pickups							
..... farms	108	122	188	390	201	185	294
..... number	145	151	223	476	260	235	400
Tractors							
..... farms	88	77	99	157	75	96	152
..... number	145	114	149	237	152	129	254
Less than 40 horsepower (PTO)							
..... farms	20	14	18	22	18	19	33
..... number	20	15	18	25	19	20	38
40 to 99 horsepower (PTO)							
..... farms	13	32	21	39	16	44	34
..... number	15	34	28	47	26	44	34
100 horsepower (PTO) or more							
..... farms	59	41	71	113	57	38	108
..... number	110	65	103	165	107	65	182
Grain and bean combines							
..... farms	40	29	65	129	73	32	135
..... number	50	35	71	142	75	35	140
Cotton pickers and strippers							
..... farms	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-
Forage harvesters, self-propelled							
..... farms	1	1	-	5	1	-	1
..... number	(D)	(D)	-	5	(D)	-	(D)
Hay balers							
..... farms	11	22	14	17	4	8	20
..... number	13	22	15	17	4	8	22

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Table 39. Machinery and Equipment on Operation: 2022 and 2017 (continued)

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

Item	Poweshiek	Ringgold	Sac	Scott	Shelby	Sioux	Story	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment	farms, 2022	792	611	863	711	865	1,669	1,067
	2017	852	675	889	684	890	1,723	955
	\$1,000, 2022	262,550	137,944	274,719	218,128	258,485	640,934	268,472
	2017	204,917	96,202	263,130	180,546	216,219	511,930	190,889
Average per farm	dollars, 2022	331,503	225,767	318,330	306,790	298,826	384,023	251,614
	2017	240,513	142,521	295,984	263,956	242,943	297,115	199,884
Farms by value group:								
\$1 to \$9,999	2022	33	52	85	41	70	94	128
	2017	122	89	115	51	80	82	138
\$10,000 to \$19,999	2022	65	50	58	61	52	82	75
	2017	76	92	51	50	142	174	95
\$20,000 to \$29,999	2022	60	70	42	44	54	68	91
	2017	54	83	68	62	49	148	89
\$30,000 to \$49,999	2022	116	84	78	80	68	203	112
	2017	112	75	94	50	56	175	117
\$50,000 to \$69,999	2022	65	57	88	68	53	129	95
	2017	72	60	61	73	70	120	84
\$70,000 to \$99,999	2022	73	49	69	70	35	85	86
	2017	42	49	49	53	32	114	44
\$100,000 to \$199,999	2022	114	77	127	98	160	279	168
	2017	98	90	101	103	106	220	123
\$200,000 to \$499,999	2022	141	88	138	114	224	386	165
	2017	138	73	182	121	204	391	138
\$500,000 or more	2022	125	84	178	135	149	343	147
	2017	138	64	168	121	151	299	127
SELECTED MACHINERY AND EQUIPMENT								
Trucks, including pickups	farms, 2022	622	450	686	585	716	1,403	821
	2017	675	454	649	591	703	1,417	704
	number, 2022	1,297	1,052	1,581	1,268	1,614	3,276	1,800
	2017	1,389	1,011	1,510	1,111	1,623	3,091	1,434
Tractors	farms, 2022	602	458	637	616	726	1,365	818
	2017	672	477	649	588	718	1,412	704
	number, 2022	1,853	1,383	2,256	1,913	2,679	4,425	2,559
	2017	2,205	1,359	2,542	1,833	2,632	4,828	2,270
Less than 40 horsepower (PTO)	farms, 2022	198	144	225	248	237	314	406
	2017	241	127	238	222	223	347	320
	number, 2022	303	242	352	335	388	423	625
	2017	339	192	410	297	361	485	516
40 to 99 horsepower (PTO)	farms, 2022	381	291	393	396	463	761	445
	2017	453	308	409	383	466	858	462
	number, 2022	563	432	630	620	795	1,234	678
	2017	750	509	741	625	755	1,417	701
100 horsepower (PTO) or more	farms, 2022	372	259	482	386	576	1,060	488
	2017	419	283	498	386	562	1,066	395
	number, 2022	987	709	1,274	958	1,496	2,768	1,256
	2017	1,116	658	1,391	911	1,516	2,926	1,053
Grain and bean combines, self-propelled	farms, 2022	265	161	384	274	462	627	343
	2017	331	156	400	303	455	661	328
	number, 2022	283	183	417	292	508	667	388
	2017	357	182	427	320	496	715	357
Cotton pickers and strippers, self-propelled	farms, 2022	-	-	-	-	-	-	-
	2017	-	-	-	-	-	-	-
	number, 2022	-	-	-	-	-	-	-
	2017	-	-	-	-	-	-	-
Forage harvesters, self-propelled	farms, 2022	18	30	16	6	17	79	9
	2017	24	17	31	6	17	92	11
	number, 2022	18	30	17	6	17	88	9
	2017	24	20	34	6	18	105	11
Hay balers	farms, 2022	189	205	137	124	163	315	155
	2017	268	222	180	158	174	332	139
	number, 2022	229	235	163	140	187	382	175
	2017	328	257	211	190	198	378	171
2022 INVENTORY								
Manufactured 2017 to 2022:								
Trucks, including pickups	farms	213	137	277	207	210	388	278
	number	277	169	353	261	265	536	368
Tractors	farms	89	76	116	114	109	177	155
	number	130	106	240	204	179	272	235
Less than 40 horsepower (PTO)	farms	17	14	16	25	16	15	66
	number	17	17	20	31	16	15	78
40 to 99 horsepower (PTO)	farms	22	21	25	43	15	38	36
	number	24	23	36	52	19	43	40
100 horsepower (PTO) or more	farms	54	48	98	77	83	137	86
	number	89	66	184	121	144	214	117
Grain and bean combines	farms	38	9	74	67	94	85	65
	number	40	9	82	73	99	99	67
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Forage harvesters, self-propelled	farms	-	7	1	-	-	14	1
	number	-	7	(D)	-	-	15	(D)
Hay balers	farms	28	42	18	20	15	57	13
	number	29	42	18	20	15	59	13

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Table 39. Machinery and Equipment on Operation: 2022 and 2017 (continued)

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

Item	Tama	Taylor	Union	Van Buren	Wapello	Warren	Washington	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment	farms, 2022	1,056	596	587	732	682	1,385	1,176
	2017	1,072	667	627	690	715	1,214	1,129
	\$1,000, 2022	300,095	151,233	107,814	105,924	105,660	202,822	299,277
	2017	263,302	113,078	106,440	89,846	106,175	128,649	236,870
Average per farm	dollars, 2022	284,181	253,746	183,669	144,705	154,927	146,442	254,487
	2017	245,618	169,533	169,761	130,212	148,496	105,972	209,805
Farms by value group:								
\$1 to \$9,999	2022	64	57	75	107	58	146	148
	2017	103	68	79	115	90	191	109
\$10,000 to \$19,999	2022	51	63	44	87	92	181	99
	2017	72	106	69	99	73	187	137
\$20,000 to \$29,999	2022	81	67	70	81	80	167	86
	2017	97	65	73	57	46	140	87
\$30,000 to \$49,999	2022	109	76	60	114	99	224	157
	2017	126	68	88	120	111	175	107
\$50,000 to \$69,999	2022	97	42	65	83	81	142	87
	2017	101	41	47	71	103	140	123
\$70,000 to \$99,999	2022	84	34	48	63	46	120	78
	2017	92	70	61	46	47	104	97
\$100,000 to \$199,999	2022	167	93	97	88	108	212	159
	2017	137	100	72	77	119	126	149
\$200,000 to \$499,999	2022	193	76	66	65	70	109	185
	2017	165	92	74	55	72	87	184
\$500,000 or more	2022	210	88	62	44	48	84	177
	2017	179	57	64	50	54	64	136
SELECTED MACHINERY AND EQUIPMENT								
Trucks, including pickups	farms, 2022	851	449	490	478	499	1,074	826
	2017	849	507	540	480	581	932	834
	number, 2022	1,818	1,043	948	929	936	1,892	1,704
	2017	1,863	1,105	1,018	877	1,019	1,646	1,650
Tractors	farms, 2022	822	442	462	529	538	1,093	881
	2017	852	493	515	518	571	1,005	864
	number, 2022	2,615	1,266	1,166	1,417	1,363	2,435	2,624
	2017	2,883	1,428	1,264	1,366	1,477	2,276	2,664
Less than 40 horsepower (PTO)	farms, 2022	284	123	160	224	190	427	271
	2017	302	132	174	196	196	426	273
	number, 2022	402	188	238	301	251	562	394
	2017	458	209	235	278	285	613	393
40 to 99 horsepower (PTO)	farms, 2022	506	269	290	353	392	702	583
	2017	559	315	328	352	383	643	610
	number, 2022	793	425	419	535	543	973	1,049
	2017	915	507	467	513	555	944	1,056
100 horsepower (PTO) or more	farms, 2022	590	291	239	246	268	446	509
	2017	595	311	269	261	295	384	512
	number, 2022	1,420	653	509	581	569	900	1,181
	2017	1,510	712	562	575	637	719	1,215
Grain and bean combines, self-propelled	farms, 2022	394	180	125	124	136	220	343
	2017	461	197	165	145	138	197	370
	number, 2022	435	203	137	151	164	242	380
	2017	487	216	182	158	149	212	406
Cotton pickers and strippers, self-propelled	farms, 2022	-	-	-	-	-	-	-
	2017	-	-	-	-	-	-	-
	number, 2022	-	-	-	-	-	-	-
	2017	-	-	-	-	-	-	-
Forage harvesters, self-propelled	farms, 2022	16	19	15	5	3	30	5
	2017	34	17	28	15	17	27	14
	number, 2022	18	19	16	5	3	34	6
	2017	41	20	32	15	17	27	14
Hay balers	farms, 2022	249	131	155	227	175	344	215
	2017	277	172	177	225	189	328	272
	number, 2022	301	145	171	263	202	416	240
	2017	326	194	192	262	238	393	309
2022 INVENTORY								
Manufactured 2017 to 2022:								
Trucks, including pickups	farms	239	110	131	105	134	345	250
	number	292	149	160	134	165	421	320
Tractors	farms	121	63	64	71	66	176	124
	number	188	113	94	102	86	225	210
Less than 40 horsepower (PTO)	farms	29	9	15	24	20	74	36
	number	33	12	15	34	20	76	36
40 to 99 horsepower (PTO)	farms	44	7	17	26	24	68	56
	number	50	11	21	29	25	78	73
100 horsepower (PTO) or more	farms	72	53	41	26	27	59	60
	number	105	90	58	39	41	71	101
Grain and bean combines	farms	55	36	10	15	17	30	35
	number	55	41	12	15	21	30	36
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Forage harvesters, self-propelled	farms	1	4	3	-	-	2	-
	number	(D)	4	3	-	-	(D)	-
Hay balers	farms	25	14	27	16	18	26	23
	number	27	14	27	17	18	26	23

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Table 39. Machinery and Equipment on Operation: 2022 and 2017 (continued)

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

Item	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment							
..... farms, 2022	731	905	548	1,459	1,005	538	734
..... farms, 2017	743	960	571	1,458	1,037	582	735
..... \$1,000, 2022	129,552	285,100	163,682	337,570	307,055	154,050	334,961
..... \$1,000, 2017	118,229	248,607	169,869	291,310	264,747	179,393	253,361
Average per farm							
..... dollars, 2022	177,226	315,028	298,691	231,371	305,528	286,339	456,349
..... dollars, 2017	159,124	258,965	297,495	199,801	255,301	308,236	344,709
Farms by value group:							
\$1 to \$9,999							
..... farms, 2022	68	74	49	149	92	62	82
..... farms, 2017	122	129	58	205	113	75	73
\$10,000 to \$19,999							
..... farms, 2022	97	66	59	130	113	51	51
..... farms, 2017	82	99	77	127	143	59	93
\$20,000 to \$29,999							
..... farms, 2022	69	69	32	127	87	25	38
..... farms, 2017	83	93	69	154	100	42	93
\$30,000 to \$49,999							
..... farms, 2022	105	87	42	180	84	56	69
..... farms, 2017	109	103	34	137	110	50	62
\$50,000 to \$69,999							
..... farms, 2022	75	55	47	122	95	74	44
..... farms, 2017	87	68	33	102	71	62	61
\$70,000 to \$99,999							
..... farms, 2022	63	62	68	93	69	27	63
..... farms, 2017	41	48	35	93	55	26	35
\$100,000 to \$199,999							
..... farms, 2022	101	144	63	213	123	68	84
..... farms, 2017	73	100	49	213	115	59	57
\$200,000 to \$499,999							
..... farms, 2022	73	178	81	252	140	65	124
..... farms, 2017	91	132	108	237	153	82	108
\$500,000 or more							
..... farms, 2022	80	170	107	193	202	110	179
..... farms, 2017	55	188	108	190	177	127	153
SELECTED MACHINERY AND EQUIPMENT							
Trucks, including pickups							
..... farms, 2022	478	642	407	1,166	749	413	535
..... farms, 2017	494	677	425	1,201	817	430	561
..... number, 2022	1,000	1,525	1,030	2,369	1,780	987	1,372
..... number, 2017	1,010	1,523	1,087	2,177	1,834	1,110	1,285
Tractors							
..... farms, 2022	508	633	390	1,228	743	396	528
..... farms, 2017	514	652	397	1,192	830	427	553
..... number, 2022	1,247	2,144	1,380	3,912	2,454	1,333	1,993
..... number, 2017	1,290	2,334	1,617	4,301	2,709	1,592	1,981
Less than 40 horsepower (PTO)							
..... farms, 2022	158	272	156	473	213	134	218
..... farms, 2017	160	248	167	451	284	145	239
..... number, 2022	209	415	251	692	343	216	353
..... number, 2017	232	400	304	767	459	227	395
40 to 99 horsepower (PTO)							
..... farms, 2022	292	379	248	827	377	228	307
..... farms, 2017	325	413	243	878	456	270	323
..... number, 2022	422	531	384	1,368	563	373	509
..... number, 2017	482	672	417	1,542	781	458	526
100 horsepower (PTO) or more							
..... farms, 2022	274	460	302	723	564	291	372
..... farms, 2017	270	467	308	743	546	328	395
..... number, 2022	616	1,198	745	1,852	1,548	744	1,131
..... number, 2017	576	1,262	896	1,992	1,469	907	1,060
Grain and bean combines, self-propelled							
..... farms, 2022	127	373	242	439	373	207	336
..... farms, 2017	131	409	269	451	386	261	325
..... number, 2022	154	405	271	469	431	255	363
..... number, 2017	151	450	298	482	434	305	347
Cotton pickers and strippers, self-propelled							
..... farms, 2022	-	-	-	-	-	-	-
..... farms, 2017	-	-	-	-	-	-	-
..... number, 2022	-	-	-	-	-	-	-
..... number, 2017	-	-	-	-	-	-	-
Forage harvesters, self-propelled							
..... farms, 2022	20	18	17	65	17	13	4
..... farms, 2017	17	27	11	96	19	7	2
..... number, 2022	22	18	17	66	19	13	4
..... number, 2017	17	28	11	99	20	7	(D)
Hay balers							
..... farms, 2022	190	124	57	453	157	69	85
..... farms, 2017	229	165	73	518	186	97	100
..... number, 2022	219	149	68	565	175	83	115
..... number, 2017	262	208	85	657	215	111	129
2022 INVENTORY							
Manufactured 2017 to 2022:							
Trucks, including pickups							
..... farms	127	244	167	359	282	120	209
..... number	163	322	217	439	382	136	288
Tractors							
..... farms	74	86	76	171	122	60	101
..... number	122	139	121	241	170	89	174
Less than 40 horsepower (PTO)							
..... farms	10	24	23	50	15	10	36
..... number	10	25	27	58	15	14	38
40 to 99 horsepower (PTO)							
..... farms	41	8	21	51	16	24	32
..... number	44	10	24	59	22	24	39
100 horsepower (PTO) or more							
..... farms	31	65	49	87	96	33	52
..... number	68	104	70	124	133	51	97
Grain and bean combines							
..... farms	17	72	43	33	77	32	74
..... number	25	73	44	33	79	33	76
Cotton pickers and strippers							
..... farms	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-
Forage harvesters, self-propelled							
..... farms	3	2	7	4	3	1	-
..... number	3	(D)	7	4	3	(D)	-
Hay balers							
..... farms	28	5	1	53	20	8	5
..... number	28	5	(D)	53	25	8	5

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Table 39. Machinery and Equipment on Operation: 2022 and 2017 (continued)

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

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon
2022 INVENTORY - Con.						
Manufactured prior to 2017:						
Trucks, including pickups	farms					
	number	533	347	676	448	384
Tractors	farms	118,186	1,128	752	1,288	786
	number	63,168	568	350	761	482
Less than 40 horsepower (PTO)	farms	198,112	1,702	1,046	2,278	1,251
	number	21,468	158	128	256	142
40 to 99 horsepower (PTO)	farms	32,422	249	226	352	241
	number	39,392	331	201	528	261
100 horsepower (PTO) or more	farms	63,275	536	310	855	385
	number	41,742	383	202	421	289
	number	102,415	917	510	1,071	625
Grain and bean combines	farms	26,118	207	115	245	108
	number	28,774	259	136	283	143
Cotton pickers and strippers	farms	-	-	-	-	-
	number	-	-	-	-	-
Forage harvesters, self-propelled	farms	1,874	23	14	42	15
	number	1,987	(D)	14	44	(D)
Hay balers	farms	15,988	178	127	289	219
	number	18,792	201	136	358	259
Item	Benton	Black Hawk	Boone	Bremer	Buchanan	Buena Vista
2022 INVENTORY - Con.						
Manufactured prior to 2017:						
Trucks, including pickups	farms					
	number	776	662	622	692	761
Tractors	farms	1,595	1,347	1,263	1,394	1,568
	number	818	704	666	772	821
Less than 40 horsepower (PTO)	farms	2,764	2,269	1,909	2,536	2,755
	number	289	271	259	314	328
40 to 99 horsepower (PTO)	farms	433	419	386	458	478
	number	539	459	375	494	519
100 horsepower (PTO) or more	farms	955	719	575	813	824
	number	568	451	404	522	569
	number	1,376	1,131	948	1,265	1,453
Grain and bean combines	farms	390	299	235	336	370
	number	407	325	279	378	380
Cotton pickers and strippers	farms	-	-	-	-	-
	number	-	-	-	-	-
Forage harvesters, self-propelled	farms	18	21	17	30	17
	number	18	21	20	(D)	18
Hay balers	farms	210	149	143	178	203
	number	243	176	169	206	231
Item	Butler	Calhoun	Carroll	Cass	Cedar	Cerro Gordo
2022 INVENTORY - Con.						
Manufactured prior to 2017:						
Trucks, including pickups	farms					
	number	648	466	726	487	621
Tractors	farms	1,348	938	1,397	1,076	1,295
	number	747	492	791	493	718
Less than 40 horsepower (PTO)	farms	2,367	1,571	2,672	1,641	2,400
	number	303	155	229	127	270
40 to 99 horsepower (PTO)	farms	514	252	379	222	386
	number	463	248	482	288	490
100 horsepower (PTO) or more	farms	783	373	804	471	793
	number	450	385	628	373	480
	number	1,070	946	1,489	948	1,221
Grain and bean combines	farms	309	294	425	221	283
	number	348	300	449	248	289
Cotton pickers and strippers	farms	-	-	-	-	-
	number	-	-	-	-	-
Forage harvesters, self-propelled	farms	14	7	24	24	7
	number	(D)	7	(D)	28	(D)
Hay balers	farms	185	96	173	162	190
	number	219	107	212	182	228
Item	Cherokee	Chickasaw	Clarke	Clay	Clayton	Clinton
2022 INVENTORY - Con.						
Manufactured prior to 2017:						
Trucks, including pickups	farms					
	number	542	648	431	496	989
Tractors	farms	1,195	1,347	821	1,087	1,801
	number	590	738	478	516	1,221
Less than 40 horsepower (PTO)	farms	2,123	2,555	1,167	1,702	3,634
	number	144	235	158	177	420
40 to 99 horsepower (PTO)	farms	249	374	216	270	609
	number	387	468	303	285	825
100 horsepower (PTO) or more	farms	660	758	445	475	1,311
	number	467	554	235	367	724
	number	1,214	1,423	506	957	1,714
Grain and bean combines	farms	347	369	100	253	400
	number	391	399	115	290	450
Cotton pickers and strippers	farms	-	-	-	-	-
	number	-	-	-	-	-
Forage harvesters, self-propelled	farms	32	25	13	11	75
	number	35	25	13	11	78
Hay balers	farms	116	203	156	111	399
	number	144	240	184	(D)	517

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Table 39. Machinery and Equipment on Operation: 2022 and 2017 (continued)

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

Item	Jefferson	Johnson	Jones	Keokuk	Kossuth	Lee	Linn
2022 INVENTORY - Con.							
Manufactured prior to 2017:							
Trucks, including pickups							
..... farms	442	753	674	567	905	561	963
..... number	805	1,407	1,281	1,121	2,159	1,094	1,853
Tractors							
..... farms	502	931	776	628	1,006	593	1,097
..... number	1,376	2,754	2,579	1,894	3,827	1,758	3,129
Less than 40 horsepower (PTO)							
..... farms	163	345	296	161	355	238	437
..... number	254	487	425	221	524	364	684
40 to 99 horsepower (PTO)							
..... farms	356	638	496	398	629	406	734
..... number	601	1,201	839	642	1,082	649	1,124
100 horsepower (PTO) or more							
..... farms	236	479	493	433	799	326	589
..... number	521	1,066	1,315	1,031	2,221	745	1,321
Grain and bean combines							
..... farms	147	312	333	274	646	210	347
..... number	179	329	351	308	738	235	362
Cotton pickers and strippers							
..... farms	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-
Forage harvesters, self-propelled							
..... farms	7	11	25	19	31	6	28
..... number	(D)	12	(D)	27	33	6	29
Hay balers							
..... farms	161	264	256	194	162	166	278
..... number	193	325	308	222	193	205	328
Item	Louisa	Lucas	Lyon	Madison	Mahaska	Marion	Marshall
2022 INVENTORY - Con.							
Manufactured prior to 2017:							
Trucks, including pickups							
..... farms	358	371	775	748	614	627	642
..... number	712	673	1,763	1,296	1,248	1,080	1,575
Tractors							
..... farms	382	430	823	783	668	713	692
..... number	1,089	993	2,758	1,653	2,160	1,731	2,055
Less than 40 horsepower (PTO)							
..... farms	141	121	178	313	215	238	242
..... number	216	162	263	422	346	325	332
40 to 99 horsepower (PTO)							
..... farms	240	269	477	444	411	454	423
..... number	386	418	751	622	671	660	653
100 horsepower (PTO) or more							
..... farms	213	199	662	332	473	366	435
..... number	487	413	1,744	609	1,143	746	1,070
Grain and bean combines							
..... farms	133	82	384	160	313	186	278
..... number	146	(D)	400	178	330	197	300
Cotton pickers and strippers							
..... farms	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-
Forage harvesters, self-propelled							
..... farms	-	17	71	26	16	5	4
..... number	-	(D)	72	28	16	(D)	4
Hay balers							
..... farms	61	158	201	218	153	235	113
..... number	71	180	227	249	169	272	135
Item	Mills	Mitchell	Monona	Monroe	Montgomery	Muscatine	O'Brien
2022 INVENTORY - Con.							
Manufactured prior to 2017:							
Trucks, including pickups							
..... farms	304	539	434	380	341	504	595
..... number	643	1,170	998	656	742	1,008	1,223
Tractors							
..... farms	356	587	454	468	356	559	623
..... number	1,030	2,323	1,539	1,049	1,089	1,742	2,260
Less than 40 horsepower (PTO)							
..... farms	135	257	130	124	113	252	171
..... number	179	467	214	171	182	407	277
40 to 99 horsepower (PTO)							
..... farms	220	393	204	304	202	372	375
..... number	347	685	330	413	297	604	591
100 horsepower (PTO) or more							
..... farms	201	419	370	233	240	299	550
..... number	504	1,171	995	465	610	731	1,392
Grain and bean combines							
..... farms	124	296	241	108	156	189	412
..... number	148	316	290	119	186	215	448
Cotton pickers and strippers							
..... farms	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-
Forage harvesters, self-propelled							
..... farms	1	19	14	9	7	15	16
..... number	(D)	24	(D)	13	(D)	15	20
Hay balers							
..... farms	55	174	65	150	76	140	123
..... number	60	212	81	168	88	168	141
Item	Osceola	Page	Palo Alto	Plymouth	Pocahontas	Polk	Pottawattamie
2022 INVENTORY - Con.							
Manufactured prior to 2017:							
Trucks, including pickups							
..... farms	438	441	502	937	500	441	832
..... number	1,076	963	1,124	2,183	1,064	797	1,758
Tractors							
..... farms	408	477	521	999	548	510	882
..... number	1,552	1,440	1,865	3,534	2,002	1,206	2,913
Less than 40 horsepower (PTO)							
..... farms	134	119	173	243	160	202	314
..... number	264	179	277	352	266	266	447
40 to 99 horsepower (PTO)							
..... farms	270	320	289	614	336	312	498
..... number	431	470	524	1,021	586	422	853
100 horsepower (PTO) or more							
..... farms	314	337	409	810	451	243	642
..... number	857	791	1,064	2,161	1,150	518	1,613
Grain and bean combines							
..... farms	181	205	279	490	336	157	367
..... number	197	258	306	536	361	177	403
Cotton pickers and strippers							
..... farms	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-
Forage harvesters, self-propelled							
..... farms	16	8	14	46	4	10	11
..... number	(D)	(D)	15	47	4	10	(D)
Hay balers							
..... farms	76	100	52	214	87	114	154
..... number	92	113	66	252	97	139	171

--continued

Table 39. Machinery and Equipment on Operation: 2022 and 2017 (continued)

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

Item	Poweshiek	Ringgold	Sac	Scott	Shelby	Sioux	Story
2022 INVENTORY - Con.							
Manufactured prior to 2017:							
Trucks, including pickups							
..... farms	521	393	600	493	657	1,218	700
..... number	1,020	883	1,228	1,007	1,349	2,740	1,432
Tractors	570	421	601	564	684	1,298	753
..... farms	1,723	1,277	2,016	1,709	2,500	4,153	2,324
..... number							
Less than 40 horsepower (PTO)	184	132	212	226	223	302	349
..... farms	286	225	332	304	372	408	547
..... number							
40 to 99 horsepower (PTO)	368	272	375	358	450	735	420
..... farms	539	409	594	568	776	1,191	638
..... number							
100 horsepower (PTO) or more	348	243	443	346	542	992	452
..... farms	898	643	1,090	837	1,352	2,554	1,139
..... number							
Grain and bean combines	233	152	312	209	376	542	286
..... farms	243	174	335	219	409	568	321
..... number							
Cotton pickers and strippers	-	-	-	-	-	-	-
..... farms	-	-	-	-	-	-	-
..... number							
Forage harvesters, self-propelled	18	23	15	6	17	65	8
..... farms	18	23	(D)	6	17	73	(D)
..... number							
Hay balers	163	166	120	106	150	273	143
..... farms	200	193	145	120	172	323	162
..... number							
Item	Tama	Taylor	Union	Van Buren	Wapello	Warren	Washington
2022 INVENTORY - Con.							
Manufactured prior to 2017:							
Trucks, including pickups							
..... farms	752	405	423	429	434	882	719
..... number	1,526	894	788	795	771	1,471	1,384
Tractors	781	420	431	497	524	974	828
..... farms	2,427	1,153	1,072	1,315	1,277	2,210	2,414
..... number							
Less than 40 horsepower (PTO)	264	117	147	204	173	356	238
..... farms	369	176	223	267	231	486	358
..... number							
40 to 99 horsepower (PTO)	472	263	276	333	375	637	534
..... farms	743	414	398	506	518	895	976
..... number							
100 horsepower (PTO) or more	568	264	221	241	258	413	495
..... farms	1,315	563	451	542	528	829	1,080
..... number							
Grain and bean combines	348	146	116	119	120	192	310
..... farms	380	162	125	136	143	212	344
..... number							
Cotton pickers and strippers	-	-	-	-	-	-	-
..... farms	-	-	-	-	-	-	-
..... number							
Forage harvesters, self-propelled	15	15	12	5	3	28	5
..... farms	(D)	15	13	5	3	(D)	6
..... number							
Hay balers	229	121	134	213	162	320	193
..... farms	274	131	144	246	184	390	217
..... number							
Item	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
2022 INVENTORY - Con.							
Manufactured prior to 2017:							
Trucks, including pickups							
..... farms	419	534	332	984	646	382	470
..... number	837	1,203	813	1,930	1,398	851	1,084
Tractors	471	613	357	1,183	712	371	498
..... farms	1,125	2,005	1,259	3,671	2,284	1,244	1,819
..... number							
Less than 40 horsepower (PTO)	150	251	137	426	202	126	188
..... farms	199	390	224	634	328	202	315
..... number							
40 to 99 horsepower (PTO)	266	371	233	789	366	209	292
..... farms	378	521	360	1,309	541	349	470
..... number							
100 horsepower (PTO) or more	256	432	279	701	541	277	363
..... farms	548	1,094	675	1,728	1,415	693	1,034
..... number							
Grain and bean combines	110	305	199	406	304	185	266
..... farms	129	332	227	436	352	222	287
..... number							
Cotton pickers and strippers	-	-	-	-	-	-	-
..... farms	-	-	-	-	-	-	-
..... number							
Forage harvesters, self-propelled	17	16	10	61	14	12	4
..... farms	19	(D)	10	62	16	(D)	4
..... number							
Hay balers	166	119	56	410	138	66	80
..... farms	191	144	(D)	512	150	75	110
..... number							