

Table 3. Farm Production Expenses: 2022 and 2017

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

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon
Total farm production expenses farms, 2022	86,911	748	516	1,034	655	593
2017	86,104	738	509	997	675	628
\$1,000, 2022	31,540,760	210,028	145,569	225,781	61,191	316,780
2017	23,541,463	163,911	85,679	158,048	40,465	226,645
Average per farm dollars, 2022	362,909	280,787	282,110	218,357	93,422	534,199
2017	273,407	222,102	168,328	158,523	59,949	360,900
Fertilizer, lime, and soil conditioners purchased farms, 2022	55,374	484	324	565	289	371
2017	54,776	478	266	523	279	353
\$1,000, 2022	3,173,740	28,026	14,538	22,717	9,209	30,708
2017	1,845,469	16,306	7,959	12,441	5,186	15,784
Chemicals purchased farms, 2022	57,017	518	343	558	259	375
2017	53,632	491	293	519	217	362
\$1,000, 2022	1,746,539	14,052	9,589	10,073	4,869	15,541
2017	1,174,462	10,898	5,975	6,019	2,527	10,708
Seeds, plants, vines, and trees purchased farms, 2022	52,792	455	297	507	246	373
2017	49,744	446	234	452	189	315
\$1,000, 2022	2,355,958	18,851	14,601	14,680	6,164	27,926
2017	1,979,104	16,110	10,336	11,414	4,003	18,081
Cover crop seed purchased farms, 2022	6,780	59	48	90	44	36
2017	6,762	64	24	78	19	60
\$1,000, 2022	27,290	151	189	231	67	283
2017	22,847	187	50	96	24	132
Livestock and poultry purchased or leased farms, 2022	19,046	204	108	243	176	139
2017	22,211	204	164	294	182	172
\$1,000, 2022	4,948,204	18,742	18,108	21,494	2,736	57,053
2017	4,211,863	22,063	12,122	19,387	2,485	47,678
Breeding livestock purchased or leased farms, 2022	9,555	165	76	152	131	58
2017	11,608	157	125	179	143	105
\$1,000, 2022	298,130	1,963	1,218	5,707	1,218	1,845
2017	263,390	2,244	1,347	2,863	1,402	1,393
Other livestock and poultry purchased or leased farms, 2022	12,361	82	43	116	84	102
2017	14,099	96	60	173	70	120
\$1,000, 2022	4,650,074	16,779	16,890	15,787	1,519	55,208
2017	3,948,473	19,819	10,775	16,524	1,083	46,284
Feed purchased farms, 2022	32,767	350	211	521	343	198
2017	36,879	400	254	529	362	229
\$1,000, 2022	7,135,079	24,055	23,578	44,439	6,487	79,186
2017	4,943,801	26,460	10,142	30,077	3,268	55,403
Gasoline, fuels, and oils purchased farms, 2022	80,071	675	465	962	608	539
2017	79,180	683	455	918	622	537
\$1,000, 2022	1,026,457	9,697	4,798	9,847	3,156	9,129
2017	715,877	6,004	3,228	6,640	2,162	5,279
Utilities farms, 2022	63,901	570	386	694	426	448
2017	63,314	554	389	697	434	447
\$1,000, 2022	473,245	5,061	2,339	4,653	1,225	3,206
2017	367,631	3,164	1,616	3,470	1,138	2,168
Repairs, supplies, and maintenance costs farms, 2022	72,644	626	433	835	511	509
2017	72,094	618	446	825	534	533
\$1,000, 2022	1,562,259	14,127	7,215	16,980	4,783	14,568
2017	1,083,223	9,321	4,900	10,711	3,337	8,311
Hired farm labor farms, 2022	23,507	194	110	226	116	191
2017	26,203	220	151	236	95	204
\$1,000, 2022	1,222,261	8,183	5,724	17,378	2,250	5,839
2017	841,038	8,244	2,390	8,384	1,137	5,335
Contract labor farms, 2022	6,537	77	40	63	37	54
2017	7,874	62	37	73	26	58
\$1,000, 2022	151,305	1,590	399	982	255	768
2017	138,355	747	371	1,481	330	437
Customwork and custom hauling farms, 2022	31,231	261	168	313	185	228
2017	31,610	289	171	344	144	247
\$1,000, 2022	622,042	4,645	2,674	9,248	2,418	4,567
2017	486,338	3,814	1,341	6,481	1,309	3,493
Cash rent for land, buildings, and grazing fees farms, 2022	32,565	274	164	310	136	253
2017	31,699	263	179	264	134	237
\$1,000, 2022	3,563,197	26,307	21,061	20,079	7,210	39,892
2017	2,815,798	17,503	12,083	13,981	4,033	29,990
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2022	7,624	89	50	62	28	52
2017	7,596	67	47	66	25	53
\$1,000, 2022	194,822	2,375	722	1,145	249	1,037
2017	132,517	1,490	559	745	99	1,167
Interest expense farms, 2022	39,741	406	265	420	250	289
2017	42,296	360	237	508	303	327
\$1,000, 2022	1,049,363	15,811	6,655	10,614	3,026	10,299
2017	988,307	8,231	4,581	9,774	3,719	8,781
Secured by real estate farms, 2022	30,205	304	187	337	200	212
2017	32,986	282	178	433	272	257
\$1,000, 2022	722,381	12,876	4,772	8,646	2,346	7,001
2017	682,043	6,184	3,333	7,611	2,727	5,220
Not secured by real estate farms, 2022	23,368	266	152	234	117	179
2017	25,247	221	142	251	176	188
\$1,000, 2022	326,982	2,934	1,884	1,968	680	3,298
2017	306,265	2,047	1,248	2,164	992	3,561
Property taxes paid farms, 2022	80,558	704	491	967	640	558
2017	79,926	676	476	962	664	587
\$1,000, 2022	660,245	6,510	4,684	7,053	3,371	5,425
2017	538,295	5,275	2,725	6,615	2,850	4,466

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item	Benton	Black Hawk	Boone	Bremer	Buchanan	Buena Vista
Total farm production expenses						
.....farms, 2022	1,090	975	1,008	1,009	1,121	774
.....2017	1,148	968	967	963	1,057	802
.....\$1,000, 2022	322,935	343,004	269,148	255,422	393,105	615,340
.....2017	279,897	223,882	181,842	190,520	282,694	406,368
Average per farm						
.....dollars, 2022	296,270	351,799	267,012	253,143	350,673	795,013
.....2017	243,812	231,283	188,047	197,840	267,450	506,693
Fertilizer, lime, and soil conditioners purchased						
.....farms, 2022	790	613	600	642	774	544
.....2017	794	608	546	613	715	598
.....\$1,000, 2022	43,263	35,984	39,630	31,781	53,579	33,212
.....2017	26,831	20,358	21,296	19,394	22,679	22,709
Chemicals purchased						
.....farms, 2022	805	641	627	648	781	583
.....2017	780	603	565	612	678	602
.....\$1,000, 2022	23,534	20,019	21,307	18,358	23,718	18,966
.....2017	17,537	12,497	11,646	10,435	15,684	15,097
Seeds, plants, vines, and trees purchased						
.....farms, 2022	759	613	586	625	719	525
.....2017	711	549	509	588	636	579
.....\$1,000, 2022	32,725	27,483	27,334	21,516	35,727	26,378
.....2017	29,721	22,484	23,791	20,083	26,857	25,802
Cover crop seed purchased						
.....farms, 2022	97	99	48	58	96	55
.....2017	109	90	57	50	85	69
.....\$1,000, 2022	349	595	233	137	310	272
.....2017	253	359	166	101	143	538
Livestock and poultry purchased or leased						
.....farms, 2022	184	201	169	177	227	174
.....2017	287	214	189	235	297	204
.....\$1,000, 2022	23,298	39,010	18,897	23,410	35,832	121,047
.....2017	29,801	23,434	14,533	24,980	36,645	86,163
Breeding livestock purchased or leased						
.....farms, 2022	98	88	84	66	90	60
.....2017	153	94	75	104	123	78
.....\$1,000, 2022	1,369	3,114	1,170	990	1,772	3,340
.....2017	2,502	1,626	807	469	3,146	1,192
Other livestock and poultry purchased or leased						
.....farms, 2022	116	146	117	133	181	129
.....2017	176	155	166	166	212	162
.....\$1,000, 2022	21,929	35,897	17,727	22,421	34,060	117,707
.....2017	27,299	21,808	13,726	24,511	33,499	84,970
Feed purchased						
.....farms, 2022	362	303	312	330	412	246
.....2017	442	350	354	355	489	282
.....\$1,000, 2022	46,013	71,269	34,095	47,399	73,202	224,762
.....2017	45,784	34,599	23,066	31,277	56,549	127,801
Gasoline, fuels, and oils purchased						
.....farms, 2022	1,032	909	906	934	1,062	675
.....2017	1,084	910	895	909	986	715
.....\$1,000, 2022	12,675	11,839	9,635	10,555	16,524	13,830
.....2017	8,330	8,715	5,965	6,829	11,140	10,781
Utilities						
.....farms, 2022	846	701	686	723	868	591
.....2017	866	660	630	707	789	654
.....\$1,000, 2022	4,121	4,151	4,465	4,306	5,525	12,077
.....2017	4,147	2,659	2,816	2,912	4,682	6,456
Repairs, supplies, and maintenance costs						
.....farms, 2022	955	813	811	833	981	623
.....2017	1,008	791	736	818	889	675
.....\$1,000, 2022	20,604	17,276	16,343	15,588	20,707	22,487
.....2017	14,254	11,429	10,853	10,039	13,194	14,322
Hired farm labor						
.....farms, 2022	321	269	275	248	351	267
.....2017	335	276	276	257	357	328
.....\$1,000, 2022	13,101	15,573	9,772	10,521	14,377	20,943
.....2017	9,877	10,684	7,985	3,929	12,850	10,047
Contract labor						
.....farms, 2022	76	65	65	60	89	53
.....2017	68	76	56	63	111	112
.....\$1,000, 2022	2,179	1,843	2,352	739	1,604	1,438
.....2017	1,596	944	457	902	1,774	2,516
Customwork and custom hauling						
.....farms, 2022	459	315	300	314	431	355
.....2017	469	362	314	335	423	369
.....\$1,000, 2022	9,041	6,658	11,994	5,544	6,899	9,065
.....2017	6,676	4,529	5,838	3,216	6,321	8,230
Cash rent for land, buildings, and grazing fees						
.....farms, 2022	457	361	351	359	464	345
.....2017	483	350	284	355	426	393
.....\$1,000, 2022	56,892	49,626	39,315	33,011	52,754	50,074
.....2017	46,333	39,252	29,271	28,853	36,536	32,838
Rent and lease expenses for machinery, equipment, and farm share of vehicles						
.....farms, 2022	101	77	95	90	111	78
.....2017	127	80	68	91	128	106
.....\$1,000, 2022	2,298	3,225	1,753	2,718	2,763	3,672
.....2017	2,558	1,698	801	915	2,465	1,861
Interest expense						
.....farms, 2022	519	439	400	416	600	365
.....2017	544	441	385	452	564	446
.....\$1,000, 2022	10,636	10,984	8,575	9,209	16,744	13,496
.....2017	12,598	11,350	8,714	9,926	13,725	9,727
Secured by real estate						
.....farms, 2022	377	346	289	303	463	256
.....2017	439	340	299	348	449	331
.....\$1,000, 2022	7,207	7,593	6,023	6,811	11,100	8,792
.....2017	8,972	7,514	6,536	7,423	9,403	5,840
Not secured by real estate						
.....farms, 2022	317	245	245	250	378	213
.....2017	317	268	223	276	333	279
.....\$1,000, 2022	3,429	3,391	2,553	2,398	5,644	4,705
.....2017	3,626	3,836	2,178	2,503	4,323	3,887
Property taxes paid						
.....farms, 2022	983	896	923	923	1,027	702
.....2017	1,039	893	899	900	982	724
.....\$1,000, 2022	7,820	7,039	6,314	5,831	8,532	7,628
.....2017	7,401	6,223	4,814	5,867	5,879	5,373

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item	Butler	Calhoun	Carroll	Cass	Cedar	Cerro Gordo
Total farm production expenses						
.....farms, 2022	1,063	765	1,069	688	912	800
.....2017	1,074	813	1,074	643	933	760
.....\$1,000, 2022	358,026	329,016	520,201	250,988	343,179	291,399
.....2017	256,557	250,238	459,067	166,538	262,170	198,630
Average per farm						
.....dollars, 2022	336,807	430,087	486,624	364,808	376,293	364,249
.....2017	238,880	307,796	427,437	259,002	280,997	261,356
Fertilizer, lime, and soil conditioners purchased						
.....farms, 2022	571	535	818	489	626	526
.....2017	574	556	785	452	642	517
.....\$1,000, 2022	44,303	31,425	36,751	28,005	53,740	47,310
.....2017	24,530	23,105	23,583	12,313	22,601	23,061
Chemicals purchased						
.....farms, 2022	595	541	822	484	641	547
.....2017	570	541	765	435	614	506
.....\$1,000, 2022	20,491	17,794	21,184	17,425	27,189	20,912
.....2017	16,456	13,059	13,006	9,222	16,341	14,177
Seeds, plants, vines, and trees purchased						
.....farms, 2022	548	513	761	453	651	532
.....2017	533	518	681	414	555	473
.....\$1,000, 2022	28,369	27,053	31,249	20,318	29,417	31,361
.....2017	26,823	24,205	23,789	16,560	22,484	26,000
Cover crop seed purchased						
.....farms, 2022	53	38	60	76	79	58
.....2017	81	32	90	88	103	13
.....\$1,000, 2022	216	261	480	240	431	242
.....2017	238	138	341	121	289	45
Livestock and poultry purchased or leased						
.....farms, 2022	197	117	241	171	201	143
.....2017	244	148	335	171	256	96
.....\$1,000, 2022	35,610	41,504	146,467	44,991	31,018	19,683
.....2017	24,181	35,299	140,893	29,424	38,204	14,257
Breeding livestock purchased or leased						
.....farms, 2022	103	53	103	109	112	81
.....2017	120	59	143	108	155	45
.....\$1,000, 2022	3,111	3,486	11,830	2,658	3,878	753
.....2017	2,034	794	12,986	1,001	2,232	387
Other livestock and poultry purchased or leased						
.....farms, 2022	118	80	182	88	127	93
.....2017	163	113	242	95	157	61
.....\$1,000, 2022	32,499	38,018	134,637	42,332	27,140	18,930
.....2017	22,147	34,505	127,907	28,423	35,972	13,870
Feed purchased						
.....farms, 2022	353	206	364	286	348	230
.....2017	411	242	454	285	420	219
.....\$1,000, 2022	89,263	94,436	119,503	46,744	46,363	33,697
.....2017	41,245	55,056	136,676	26,946	46,495	26,270
Gasoline, fuels, and oils purchased						
.....farms, 2022	995	665	996	637	844	737
.....2017	974	712	974	579	881	695
.....\$1,000, 2022	10,571	8,811	16,928	7,530	13,862	12,799
.....2017	7,650	7,320	9,308	5,598	9,096	6,640
Utilities						
.....farms, 2022	724	560	881	521	718	590
.....2017	724	586	905	488	700	542
.....\$1,000, 2022	6,325	3,687	7,567	3,427	4,140	6,942
.....2017	4,771	3,523	5,081	2,615	3,598	2,850
Repairs, supplies, and maintenance costs						
.....farms, 2022	832	629	948	776	643	643
.....2017	902	619	953	550	779	650
.....\$1,000, 2022	17,312	14,372	21,070	11,875	16,294	16,248
.....2017	12,306	11,655	13,665	8,977	11,378	8,055
Hired farm labor						
.....farms, 2022	246	247	336	200	262	284
.....2017	327	259	384	191	291	275
.....\$1,000, 2022	13,309	10,837	15,040	10,135	14,016	10,886
.....2017	12,281	7,951	9,471	8,611	7,838	7,000
Contract labor						
.....farms, 2022	64	63	77	50	60	71
.....2017	106	62	152	42	61	55
.....\$1,000, 2022	1,017	681	1,393	711	1,015	2,013
.....2017	1,081	934	2,045	519	1,361	871
Customwork and custom hauling						
.....farms, 2022	328	266	451	242	326	253
.....2017	355	248	427	269	352	278
.....\$1,000, 2022	6,534	6,063	10,338	5,747	5,984	5,745
.....2017	4,957	3,545	7,556	3,852	5,661	4,318
Cash rent for land, buildings, and grazing fees						
.....farms, 2022	380	292	460	302	374	348
.....2017	379	346	440	249	361	353
.....\$1,000, 2022	47,404	39,044	41,281	27,505	60,569	46,554
.....2017	42,836	32,378	30,953	21,073	43,470	39,950
Rent and lease expenses for machinery, equipment, and farm share of vehicles						
.....farms, 2022	72	67	82	64	86	73
.....2017	68	68	108	53	62	76
.....\$1,000, 2022	2,092	1,756	1,688	598	2,442	4,299
.....2017	1,414	1,255	1,314	505	1,728	2,537
Interest expense						
.....farms, 2022	447	374	517	331	378	368
.....2017	496	391	600	330	448	360
.....\$1,000, 2022	12,797	10,156	17,292	8,569	9,615	9,310
.....2017	14,856	9,801	14,417	8,402	10,526	9,003
Secured by real estate						
.....farms, 2022	343	277	430	240	280	280
.....2017	413	263	483	252	333	216
.....\$1,000, 2022	8,412	7,236	11,819	6,116	6,168	5,998
.....2017	10,350	6,616	10,047	5,983	7,564	5,121
Not secured by real estate						
.....farms, 2022	273	202	308	215	229	205
.....2017	299	267	311	218	259	265
.....\$1,000, 2022	4,385	2,920	5,474	2,453	3,447	3,312
.....2017	4,506	3,185	4,371	2,419	2,962	3,882
Property taxes paid						
.....farms, 2022	997	709	1,005	615	837	744
.....2017	1,003	704	1,006	587	846	688
.....\$1,000, 2022	6,456	5,681	7,611	6,198	7,975	6,600
.....2017	6,308	5,083	5,351	4,713	6,384	4,602

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item	Cherokee	Chickasaw	Clarke	Clay	Clayton	Clinton
Total farm production expenses						
.....farms, 2022	814	1,009	649	730	1,631	1,147
.....2017	863	973	624	716	1,525	1,169
.....\$1,000, 2022	378,319	367,676	112,165	341,127	369,374	347,063
.....2017	305,010	252,058	115,913	273,578	284,535	282,716
Average per farm						
.....dollars, 2022	464,765	364,396	172,828	467,297	226,471	302,583
.....2017	353,430	259,053	185,758	382,092	186,580	241,844
Fertilizer, lime, and soil conditioners purchased						
.....farms, 2022	623	705	267	511	832	795
.....2017	691	631	273	491	835	808
.....\$1,000, 2022	32,706	36,363	5,227	34,649	45,275	41,187
.....2017	19,184	21,022	3,981	23,302	23,282	30,207
Chemicals purchased						
.....farms, 2022	664	718	277	530	868	820
.....2017	696	603	264	499	812	798
.....\$1,000, 2022	20,124	23,826	2,975	20,313	22,743	24,437
.....2017	12,974	15,115	3,050	13,765	11,372	22,812
Seeds, plants, vines, and trees purchased						
.....farms, 2022	621	692	238	474	805	735
.....2017	632	581	237	462	739	767
.....\$1,000, 2022	26,006	26,815	3,704	27,709	26,853	33,945
.....2017	22,809	23,202	3,840	23,620	23,048	30,202
Cover crop seed purchased						
.....farms, 2022	43	73	34	30	156	93
.....2017	64	77	46	39	170	111
.....\$1,000, 2022	185	381	59	231	716	327
.....2017	174	349	38	255	328	286
Livestock and poultry purchased or leased						
.....farms, 2022	202	176	132	130	362	291
.....2017	274	216	195	138	410	339
.....\$1,000, 2022	88,868	57,161	23,257	62,824	37,356	51,106
.....2017	70,428	50,464	25,184	51,674	41,566	45,250
Breeding livestock purchased or leased						
.....farms, 2022	76	64	83	64	203	148
.....2017	123	91	145	43	251	160
.....\$1,000, 2022	3,177	2,455	5,584	4,159	5,172	2,662
.....2017	2,071	2,681	1,786	4,130	5,019	1,674
Other livestock and poultry purchased or leased						
.....farms, 2022	146	138	63	89	203	177
.....2017	184	170	88	108	224	232
.....\$1,000, 2022	85,691	54,705	17,673	58,665	32,184	48,444
.....2017	68,357	47,782	23,398	47,544	36,546	43,576
Feed purchased						
.....farms, 2022	309	334	275	199	662	485
.....2017	412	381	312	257	763	560
.....\$1,000, 2022	85,040	95,076	35,789	71,836	75,333	50,967
.....2017	70,047	46,988	29,934	62,761	66,195	24,218
Gasoline, fuels, and oils purchased						
.....farms, 2022	739	938	596	639	1,482	1,085
.....2017	784	907	568	653	1,426	1,091
.....\$1,000, 2022	10,659	12,437	2,859	8,446	16,595	12,711
.....2017	8,473	7,349	4,144	6,331	11,509	10,014
Utilities						
.....farms, 2022	687	740	417	526	1,132	877
.....2017	703	740	415	508	1,119	949
.....\$1,000, 2022	5,286	4,328	1,951	4,251	7,182	4,217
.....2017	4,596	4,162	2,909	4,268	5,421	4,223
Repairs, supplies, and maintenance costs						
.....farms, 2022	720	858	531	616	1,320	993
.....2017	748	809	503	553	1,282	1,040
.....\$1,000, 2022	16,684	16,120	5,132	17,029	20,945	19,057
.....2017	12,230	12,474	5,411	9,196	17,494	14,435
Hired farm labor						
.....farms, 2022	244	251	102	223	358	290
.....2017	294	262	108	225	390	401
.....\$1,000, 2022	6,870	8,529	5,464	10,700	20,694	8,926
.....2017	6,224	5,054	7,936	9,798	9,187	7,870
Contract labor						
.....farms, 2022	61	79	23	62	93	73
.....2017	102	91	38	80	114	58
.....\$1,000, 2022	717	1,534	70	3,700	1,286	1,160
.....2017	1,274	722	522	2,416	2,012	551
Customwork and custom hauling						
.....farms, 2022	390	355	161	284	509	460
.....2017	420	353	176	283	547	471
.....\$1,000, 2022	8,761	6,602	2,281	4,859	6,685	7,762
.....2017	6,479	3,605	3,454	4,529	6,850	6,547
Cash rent for land, buildings, and grazing fees						
.....farms, 2022	438	446	138	304	467	521
.....2017	458	349	137	308	467	536
.....\$1,000, 2022	39,057	37,243	4,844	42,092	37,185	47,225
.....2017	34,717	31,979	4,672	37,534	28,805	48,474
Rent and lease expenses for machinery, equipment, and farm share of vehicles						
.....farms, 2022	93	100	42	77	95	111
.....2017	83	108	36	59	149	121
.....\$1,000, 2022	2,500	2,533	491	1,013	1,663	2,856
.....2017	1,098	1,139	471	673	910	2,268
Interest expense						
.....farms, 2022	421	503	272	349	689	557
.....2017	495	536	274	349	740	664
.....\$1,000, 2022	13,651	10,808	4,475	10,153	15,128	12,877
.....2017	14,555	11,156	5,205	7,586	13,797	15,101
Secured by real estate						
.....farms, 2022	307	382	219	255	534	432
.....2017	387	426	227	245	603	503
.....\$1,000, 2022	8,075	7,954	3,034	6,374	11,818	9,623
.....2017	10,557	8,490	3,935	4,297	10,573	11,339
Not secured by real estate						
.....farms, 2022	279	274	151	224	396	337
.....2017	297	318	146	236	374	384
.....\$1,000, 2022	5,576	2,854	1,441	3,779	3,310	3,254
.....2017	3,998	2,666	1,270	3,290	3,224	3,762
Property taxes paid						
.....farms, 2022	739	933	636	660	1,540	1,062
.....2017	778	898	604	651	1,439	1,086
.....\$1,000, 2022	6,182	5,602	3,926	5,738	12,449	8,205
.....2017	5,749	5,510	3,653	4,638	8,069	7,527

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item	Crawford	Dallas	Davis	Decatur	Delaware	Des Moines
Total farm production expenses farms, 2022	951	901	941	666	1,496	648
2017	915	924	826	659	1,331	593
\$1,000, 2022	460,271	254,365	125,741	102,707	546,300	104,398
2017	322,849	192,277	84,800	98,094	423,403	87,023
Average per farm dollars, 2022	483,987	282,314	133,625	154,214	365,174	161,108
2017	352,841	208,092	102,664	148,853	318,109	146,751
Fertilizer, lime, and soil conditioners purchased farms, 2022	738	519	461	331	1,062	417
2017	636	564	442	305	931	376
\$1,000, 2022	49,096	35,772	10,743	9,663	45,278	16,211
2017	30,499	18,464	5,467	5,127	30,662	12,798
Chemicals purchased farms, 2022	748	573	370	283	1,064	435
2017	625	588	273	249	902	372
\$1,000, 2022	24,554	16,961	6,156	3,970	21,962	10,323
2017	16,346	10,677	3,198	2,694	15,611	7,533
Seeds, plants, vines, and trees purchased farms, 2022	701	496	384	275	985	387
2017	574	531	306	247	858	350
\$1,000, 2022	34,656	25,048	8,435	6,299	32,847	11,996
2017	29,220	20,732	4,901	5,466	30,123	11,662
Cover crop seed purchased farms, 2022	80	51	100	61	166	40
2017	93	69	107	41	151	42
\$1,000, 2022	495	274	150	163	529	82
2017	366	236	172	80	230	66
Livestock and poultry purchased or leased farms, 2022	223	161	308	139	474	89
2017	227	158	280	168	510	80
\$1,000, 2022	74,408	21,909	15,920	14,436	141,959	5,467
2017	51,571	25,166	9,545	25,668	113,783	4,754
Breeding livestock purchased or leased farms, 2022	145	71	174	108	164	46
2017	148	78	202	138	229	53
\$1,000, 2022	4,078	5,504	3,484	4,586	5,730	673
2017	3,267	5,037	3,015	7,498	2,488	490
Other livestock and poultry purchased or leased farms, 2022	110	105	191	58	356	57
2017	122	107	143	69	355	45
\$1,000, 2022	70,330	16,405	12,435	9,850	136,229	4,794
2017	48,304	20,129	6,530	18,170	111,295	4,264
Feed purchased farms, 2022	370	315	557	320	695	171
2017	412	322	554	356	740	179
\$1,000, 2022	104,859	33,787	26,414	26,079	130,887	12,568
2017	52,230	25,343	24,650	22,145	93,390	8,027
Gasoline, fuels, and oils purchased farms, 2022	891	798	897	605	1,427	613
2017	842	844	754	595	1,269	548
\$1,000, 2022	13,917	10,789	5,009	3,912	18,910	4,282
2017	17,837	6,195	2,773	3,237	13,086	4,349
Utilities farms, 2022	764	549	693	468	1,187	442
2017	696	608	617	465	1,066	406
\$1,000, 2022	5,910	2,926	3,329	2,106	8,285	1,740
2017	5,244	2,645	2,531	1,821	6,034	1,561
Repairs, supplies, and maintenance costs farms, 2022	815	719	797	543	1,298	517
2017	753	729	709	539	1,172	464
\$1,000, 2022	20,009	15,020	9,569	5,895	25,574	7,918
2017	12,163	7,897	5,390	4,318	19,879	5,382
Hired farm labor farms, 2022	259	225	159	122	410	153
2017	290	298	161	143	471	152
\$1,000, 2022	11,456	15,691	5,993	3,640	15,273	3,016
2017	9,658	12,990	2,461	4,771	9,876	2,812
Contract labor farms, 2022	59	66	58	59	112	35
2017	108	88	69	55	120	33
\$1,000, 2022	1,453	602	1,658	604	1,657	224
2017	1,417	2,135	741	528	1,534	182
Customwork and custom hauling farms, 2022	437	284	285	175	639	251
2017	371	320	259	205	555	244
\$1,000, 2022	8,164	8,880	2,392	3,080	11,548	2,543
2017	7,408	7,909	1,693	2,144	8,240	2,365
Cash rent for land, buildings, and grazing fees farms, 2022	484	252	195	140	556	211
2017	405	270	181	147	468	202
\$1,000, 2022	65,656	35,150	8,161	7,582	32,542	12,884
2017	47,024	27,697	5,077	6,180	29,641	14,813
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2022	81	83	57	26	140	44
2017	89	75	61	57	119	35
\$1,000, 2022	2,821	3,028	545	122	1,639	1,077
2017	2,547	2,238	691	472	1,633	818
Interest expense farms, 2022	467	341	433	279	810	253
2017	480	358	443	310	789	248
\$1,000, 2022	13,404	6,972	7,486	5,442	20,017	4,346
2017	14,068	8,166	5,797	5,749	21,890	3,207
Secured by real estate farms, 2022	331	220	357	221	649	202
2017	380	274	370	276	649	169
\$1,000, 2022	9,537	4,444	5,660	3,983	13,863	3,431
2017	9,366	5,623	4,582	4,193	15,911	2,305
Not secured by real estate farms, 2022	280	219	254	153	475	147
2017	289	212	257	150	466	156
\$1,000, 2022	3,867	2,528	1,826	1,459	6,154	915
2017	4,702	2,543	1,216	1,556	5,979	902
Property taxes paid farms, 2022	832	822	914	655	1,392	596
2017	826	861	799	621	1,265	555
\$1,000, 2022	9,274	6,553	4,956	3,796	11,901	3,993
2017	7,093	4,900	3,661	3,421	9,292	3,168

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin	Fremont	
Total farm production expenses	farms, 2022	439	1,554	404	1,364	989	849	461
	2017	411	1,402	488	1,265	917	835	527
	\$1,000, 2022	160,078	436,157	258,098	468,158	345,271	486,280	160,388
	2017	138,042	350,245	197,483	299,289	229,654	319,976	115,618
Average per farm	dollars, 2022	364,642	280,667	638,855	343,225	349,111	572,768	347,913
	2017	335,869	249,818	404,678	236,592	250,441	383,205	219,389
Fertilizer, lime, and soil conditioners purchased	farms, 2022	293	1,083	294	836	580	572	339
	2017	273	977	345	765	550	512	380
	\$1,000, 2022	17,494	38,443	25,007	46,034	46,472	41,310	27,729
	2017	11,413	22,496	17,380	23,144	19,041	24,713	15,851
Chemicals purchased	farms, 2022	305	1,090	297	851	623	596	349
	2017	283	917	351	764	567	503	382
	\$1,000, 2022	9,995	17,486	13,174	25,578	22,741	22,584	15,168
	2017	8,201	12,949	8,424	15,203	12,677	15,439	11,237
Seeds, plants, vines, and trees purchased	farms, 2022	295	1,018	280	794	575	564	316
	2017	265	802	330	688	540	496	352
	\$1,000, 2022	12,817	26,478	17,648	34,732	25,883	32,812	22,331
	2017	14,169	20,912	16,361	25,765	23,428	28,034	17,832
Cover crop seed purchased	farms, 2022	22	213	12	109	82	52	28
	2017	12	196	17	92	75	38	35
	\$1,000, 2022	93	544	48	295	474	308	62
	2017	33	799	88	217	243	170	111
Livestock and poultry purchased or leased	farms, 2022	76	471	68	280	163	145	38
	2017	71	477	97	309	218	209	81
	\$1,000, 2022	26,377	117,036	27,225	65,714	46,083	66,341	8,131
	2017	24,533	107,026	33,884	39,481	38,201	56,945	8,051
Breeding livestock purchased or leased	farms, 2022	24	200	34	132	57	52	20
	2017	41	242	47	166	92	74	52
	\$1,000, 2022	745	3,127	3,305	2,757	5,541	1,815	250
	2017	629	5,410	1,862	2,434	2,355	851	574
Other livestock and poultry purchased or leased	farms, 2022	58	330	50	186	136	116	20
	2017	43	303	68	194	153	163	43
	\$1,000, 2022	25,631	113,909	23,920	62,958	40,542	64,526	7,881
	2017	23,904	101,616	32,022	37,046	35,846	56,094	7,477
Feed purchased	farms, 2022	113	784	107	488	286	247	94
	2017	130	797	163	497	306	289	164
	\$1,000, 2022	27,814	83,630	69,700	102,501	59,893	149,430	4,756
	2017	21,016	63,075	50,885	63,216	32,634	69,245	6,641
Gasoline, fuels, and oils purchased	farms, 2022	382	1,505	368	1,269	919	750	409
	2017	377	1,367	429	1,167	859	735	471
	\$1,000, 2022	6,079	16,887	6,850	18,020	12,774	13,044	7,266
	2017	6,044	10,411	5,602	10,689	7,115	9,012	4,434
Utilities	farms, 2022	325	1,207	324	986	689	647	330
	2017	292	1,094	397	914	668	589	354
	\$1,000, 2022	3,137	6,719	4,892	8,000	5,213	6,599	1,812
	2017	2,045	5,616	2,791	5,738	3,756	4,087	1,431
Repairs, supplies, and maintenance costs	farms, 2022	357	1,393	347	1,167	824	697	372
	2017	330	1,258	403	1,059	758	626	423
	\$1,000, 2022	8,507	26,303	14,336	24,343	16,791	20,563	10,806
	2017	6,045	19,892	8,364	17,642	11,057	14,400	6,387
Hired farm labor	farms, 2022	147	410	164	373	260	267	137
	2017	144	404	198	393	274	257	191
	\$1,000, 2022	6,651	13,232	14,360	20,166	14,223	21,021	6,636
	2017	4,471	8,479	5,615	13,340	10,547	7,358	6,679
Contract labor	farms, 2022	29	94	28	74	88	87	55
	2017	41	98	64	78	84	110	45
	\$1,000, 2022	394	1,614	2,782	7,153	1,779	3,138	734
	2017	421	1,462	977	1,990	1,861	2,620	279
Customwork and custom hauling	farms, 2022	174	576	149	470	344	367	157
	2017	162	577	161	483	324	342	191
	\$1,000, 2022	3,574	8,999	5,654	8,156	6,900	9,117	3,099
	2017	2,394	10,902	2,104	6,549	5,489	7,911	2,101
Cash rent for land, buildings, and grazing fees	farms, 2022	175	593	192	493	358	405	175
	2017	177	486	245	441	345	341	163
	\$1,000, 2022	20,270	29,165	26,131	45,932	45,872	56,539	29,315
	2017	20,442	25,462	21,911	36,681	30,224	47,393	18,314
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2022	26	135	53	85	138	86	63
	2017	45	91	52	128	98	84	38
	\$1,000, 2022	1,292	1,292	2,071	3,565	4,394	3,372	2,909
	2017	1,127	1,250	742	964	1,900	1,970	803
Interest expense	farms, 2022	203	741	211	651	431	394	209
	2017	211	662	268	623	475	433	254
	\$1,000, 2022	5,102	17,495	8,554	18,829	11,511	10,721	4,989
	2017	5,792	15,375	8,349	13,704	11,839	10,523	5,161
Secured by real estate	farms, 2022	138	596	160	518	307	292	155
	2017	161	535	210	472	385	335	200
	\$1,000, 2022	3,209	11,818	6,280	13,304	7,331	7,506	3,094
	2017	4,070	11,707	5,810	8,972	8,928	6,583	3,482
Not secured by real estate	farms, 2022	122	412	135	416	278	234	126
	2017	125	377	174	387	312	263	136
	\$1,000, 2022	1,893	5,677	2,274	5,525	4,180	3,215	1,895
	2017	1,722	3,668	2,539	4,731	2,911	3,940	1,678
Property taxes paid	farms, 2022	392	1,413	386	1,301	908	777	426
	2017	379	1,282	433	1,183	860	781	492
	\$1,000, 2022	2,382	9,281	4,351	11,756	7,121	7,069	6,557
	2017	2,612	8,183	3,811	7,930	5,277	5,479	4,154

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Total farm production expenses							
.....farms, 2022	759	670	904	770	860	839	811
.....farms, 2017	700	760	802	732	801	837	794
.....\$1,000, 2022	318,649	338,609	235,488	540,597	454,425	575,241	229,724
.....\$1,000, 2017	246,845	225,148	179,698	466,023	344,933	384,956	184,092
Average per farm							
.....dollars, 2022	419,827	505,387	260,496	702,074	528,402	685,627	283,260
.....dollars, 2017	352,635	296,248	224,062	636,644	430,628	459,923	231,854
Fertilizer, lime, and soil conditioners purchased							
.....farms, 2022	522	485	538	500	640	567	540
.....farms, 2017	495	502	458	432	552	567	540
.....\$1,000, 2022	35,515	41,570	21,526	44,268	53,473	47,717	37,036
.....\$1,000, 2017	23,799	22,599	14,135	21,802	27,671	24,005	23,433
Chemicals purchased							
.....farms, 2022	542	498	544	518	647	588	541
.....farms, 2017	493	500	486	446	552	559	517
.....\$1,000, 2022	20,736	30,110	13,813	24,376	27,157	25,055	20,660
.....\$1,000, 2017	14,215	17,742	9,943	13,057	16,461	13,862	15,848
Seeds, plants, vines, and trees purchased							
.....farms, 2022	489	480	460	480	636	562	506
.....farms, 2017	480	475	430	414	524	538	478
.....\$1,000, 2022	26,321	31,316	16,586	36,549	33,632	32,098	26,836
.....\$1,000, 2017	26,337	22,144	15,288	24,365	27,477	25,973	25,357
Cover crop seed purchased							
.....farms, 2022	55	85	58	30	35	40	54
.....farms, 2017	54	68	61	21	26	61	46
.....\$1,000, 2022	415	443	181	184	150	310	192
.....\$1,000, 2017	705	457	134	173	94	290	73
Livestock and poultry purchased or leased							
.....farms, 2022	163	133	182	155	129	197	120
.....farms, 2017	157	173	154	157	155	189	146
.....\$1,000, 2022	52,271	32,985	30,581	67,383	60,758	91,219	11,642
.....\$1,000, 2017	43,555	21,076	24,003	93,269	46,138	82,795	9,320
Breeding livestock purchased or leased							
.....farms, 2022	84	56	134	44	46	91	70
.....farms, 2017	58	73	117	49	49	96	117
.....\$1,000, 2022	1,747	1,081	2,381	2,700	833	2,776	3,215
.....\$1,000, 2017	1,150	993	2,134	1,577	1,617	6,977	1,807
Other livestock and poultry purchased or leased							
.....farms, 2022	102	100	78	123	104	147	66
.....farms, 2017	125	122	57	121	120	131	66
.....\$1,000, 2022	50,524	31,904	28,200	64,683	59,924	88,443	8,426
.....\$1,000, 2017	42,406	20,083	21,869	91,691	44,520	75,818	7,513
Feed purchased							
.....farms, 2022	259	209	371	224	211	295	248
.....farms, 2017	240	275	321	243	204	329	256
.....\$1,000, 2022	67,184	55,499	49,543	160,106	118,974	196,245	21,570
.....\$1,000, 2017	39,274	29,522	36,472	177,063	99,830	105,493	14,331
Gasoline, fuels, and oils purchased							
.....farms, 2022	651	622	810	693	788	736	717
.....farms, 2017	639	697	724	645	734	746	709
.....\$1,000, 2022	9,518	11,045	11,271	18,658	14,291	13,339	9,069
.....\$1,000, 2017	6,316	7,617	5,842	10,257	9,072	9,210	8,218
Utilities							
.....farms, 2022	559	533	631	533	669	598	565
.....farms, 2017	520	584	567	508	619	581	543
.....\$1,000, 2022	3,357	3,417	4,284	8,101	6,288	8,209	3,631
.....\$1,000, 2017	3,077	2,729	3,077	6,398	5,407	7,483	3,430
Repairs, supplies, and maintenance costs							
.....farms, 2022	629	573	723	622	732	696	644
.....farms, 2017	573	651	680	612	664	685	643
.....\$1,000, 2022	16,933	14,862	14,104	20,931	16,866	19,820	12,635
.....\$1,000, 2017	11,758	10,272	10,127	13,017	14,362	14,267	9,672
Hired farm labor							
.....farms, 2022	260	232	215	239	310	274	232
.....farms, 2017	274	266	209	248	282	288	251
.....\$1,000, 2022	9,538	12,537	11,941	26,091	21,877	18,134	8,577
.....\$1,000, 2017	8,818	9,303	8,331	18,457	14,664	13,900	7,469
Contract labor							
.....farms, 2022	83	61	71	66	72	65	51
.....farms, 2017	66	80	70	111	84	112	54
.....\$1,000, 2022	1,759	951	991	2,173	1,813	2,096	457
.....\$1,000, 2017	1,194	1,066	442	4,462	2,669	2,764	415
Customwork and custom hauling							
.....farms, 2022	306	303	253	290	367	359	294
.....farms, 2017	282	318	247	257	313	379	262
.....\$1,000, 2022	8,550	8,740	4,552	11,159	8,344	9,758	7,096
.....\$1,000, 2017	6,183	6,502	3,135	8,749	4,678	7,526	4,628
Cash rent for land, buildings, and grazing fees							
.....farms, 2022	312	334	295	303	434	396	289
.....farms, 2017	293	372	253	292	382	389	266
.....\$1,000, 2022	32,408	60,655	22,385	68,665	52,461	54,986	33,825
.....\$1,000, 2017	32,952	44,926	19,336	34,313	41,986	42,510	28,751
Rent and lease expenses for machinery, equipment, and farm share of vehicles							
.....farms, 2022	67	63	70	89	101	79	71
.....farms, 2017	93	60	54	84	118	65	57
.....\$1,000, 2022	1,439	1,858	1,200	6,479	1,693	1,995	2,570
.....\$1,000, 2017	1,295	1,355	874	4,008	2,361	1,100	1,226
Interest expense							
.....farms, 2022	358	342	386	363	397	422	378
.....farms, 2017	388	421	438	386	419	420	378
.....\$1,000, 2022	10,379	9,747	8,452	12,438	9,242	14,615	12,867
.....\$1,000, 2017	8,200	10,860	10,949	12,295	12,034	13,060	11,449
Secured by real estate							
.....farms, 2022	251	245	324	266	287	302	288
.....farms, 2017	262	302	368	293	309	302	296
.....\$1,000, 2022	7,770	6,761	6,247	7,787	5,921	10,509	8,431
.....\$1,000, 2017	5,911	6,844	8,575	8,112	7,428	7,263	7,224
Not secured by real estate							
.....farms, 2022	219	209	206	203	252	249	240
.....farms, 2017	250	302	262	252	296	284	231
.....\$1,000, 2022	2,610	2,986	2,205	4,651	3,321	4,106	4,437
.....\$1,000, 2017	2,289	4,016	2,374	4,183	4,605	5,797	4,224
Property taxes paid							
.....farms, 2022	692	614	846	725	734	754	761
.....farms, 2017	649	696	775	674	725	745	747
.....\$1,000, 2022	6,526	6,549	8,182	6,712	6,087	8,730	9,206
.....\$1,000, 2017	5,352	4,554	5,894	4,900	4,667	5,144	6,540

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper
Total farm production expenses							
farms, 2022	831	869	580	456	968	1,131	1,151
2017	908	879	572	525	970	1,107	986
\$1,000, 2022	165,074	433,186	191,674	211,199	249,322	241,388	347,025
2017	138,102	235,227	140,142	187,294	189,877	218,676	198,119
Average per farm							
dollars, 2022	198,646	498,488	330,472	463,157	257,564	213,429	301,499
2017	152,094	267,607	245,003	356,750	195,750	197,539	200,933
Fertilizer, lime, and soil conditioners purchased							
farms, 2022	440	510	426	309	606	700	759
2017	501	530	405	360	598	675	654
\$1,000, 2022	22,982	33,939	27,509	25,469	34,336	27,257	49,634
2017	12,989	19,116	16,655	17,201	17,565	18,218	22,803
Chemicals purchased							
farms, 2022	474	546	428	335	653	708	794
2017	492	515	409	363	576	648	661
\$1,000, 2022	12,641	17,729	16,469	13,333	19,084	11,383	27,998
2017	9,315	10,999	11,380	11,149	11,739	9,026	15,550
Seeds, plants, vines, and trees purchased							
farms, 2022	420	506	412	310	583	630	708
2017	462	515	385	323	517	579	584
\$1,000, 2022	14,462	28,920	18,612	17,741	27,370	16,483	38,847
2017	14,304	22,110	17,137	17,468	18,805	15,711	24,150
Cover crop seed purchased							
farms, 2022	91	90	23	29	90	80	88
2017	78	80	24	41	125	104	105
\$1,000, 2022	175	513	88	86	736	178	556
2017	143	426	236	132	331	162	780
Livestock and poultry purchased or leased							
farms, 2022	156	171	68	101	179	353	293
2017	187	212	93	157	294	404	261
\$1,000, 2022	16,738	74,241	16,882	32,458	22,160	51,424	37,888
2017	16,274	33,476	12,513	33,563	24,587	71,061	19,192
Breeding livestock purchased or leased							
farms, 2022	78	73	31	54	86	231	174
2017	105	85	48	94	187	259	164
\$1,000, 2022	710	7,359	2,237	868	5,097	3,208	2,313
2017	1,288	2,837	875	1,868	3,991	3,448	2,094
Other livestock and poultry purchased or leased							
farms, 2022	96	123	45	56	125	198	175
2017	116	151	54	83	188	226	155
\$1,000, 2022	16,028	66,882	14,646	31,590	17,063	48,217	35,575
2017	14,987	30,639	11,637	31,696	20,596	67,614	17,098
Feed purchased							
farms, 2022	273	271	119	178	361	599	484
2017	342	342	158	229	476	675	447
\$1,000, 2022	32,160	123,854	28,063	27,582	28,134	38,016	41,684
2017	29,211	50,553	18,574	17,019	30,515	24,978	22,857
Gasoline, fuels, and oils purchased							
farms, 2022	752	782	532	431	916	1,077	1,096
2017	799	783	543	495	890	1,060	928
\$1,000, 2022	6,522	13,859	7,013	7,574	10,333	9,563	12,054
2017	4,672	7,639	4,808	4,982	6,842	7,118	6,822
Utilities							
farms, 2022	536	591	433	371	695	834	863
2017	550	614	407	397	715	838	730
\$1,000, 2022	2,576	6,084	2,544	2,381	3,728	3,538	4,456
2017	2,647	3,633	1,869	2,208	2,903	2,913	3,195
Repairs, supplies, and maintenance costs							
farms, 2022	657	689	480	402	805	954	971
2017	713	710	486	454	832	971	855
\$1,000, 2022	8,503	19,622	10,477	10,424	15,998	15,440	21,981
2017	7,316	10,899	7,924	9,037	10,677	12,672	12,628
Hired farm labor							
farms, 2022	165	244	156	158	223	262	307
2017	222	217	200	190	207	299	265
\$1,000, 2022	5,658	16,602	4,847	8,741	11,151	6,819	11,047
2017	3,791	8,157	3,188	6,950	6,900	5,470	5,385
Contract labor							
farms, 2022	73	61	44	35	72	65	92
2017	77	64	34	36	59	66	97
\$1,000, 2022	1,123	1,683	1,695	341	1,432	924	1,376
2017	1,139	940	896	298	675	412	854
Customwork and custom hauling							
farms, 2022	239	252	188	175	335	417	398
2017	270	294	183	232	348	390	296
\$1,000, 2022	2,353	6,093	2,576	3,559	5,285	5,051	5,874
2017	2,638	5,711	2,416	3,625	4,623	3,231	3,127
Cash rent for land, buildings, and grazing fees							
farms, 2022	225	291	262	237	346	436	452
2017	229	281	246	274	354	376	376
\$1,000, 2022	18,295	48,625	30,418	37,664	37,003	22,984	52,253
2017	14,800	29,992	22,825	37,382	25,963	22,686	34,405
Rent and lease expenses for machinery, equipment, and farm share of vehicles							
farms, 2022	53	75	70	56	73	87	109
2017	76	82	74	66	54	62	97
\$1,000, 2022	763	6,396	1,556	2,234	1,989	468	2,022
2017	1,198	3,218	1,019	2,624	1,167	277	2,451
Interest expense							
farms, 2022	326	371	261	246	423	526	524
2017	377	442	303	293	467	518	480
\$1,000, 2022	6,982	11,212	6,766	8,330	8,540	9,746	12,894
2017	6,532	10,238	6,972	10,389	8,935	9,209	9,034
Secured by real estate							
farms, 2022	257	298	189	180	328	409	400
2017	310	341	222	241	376	435	387
\$1,000, 2022	5,598	6,685	4,795	4,788	6,173	7,592	9,115
2017	4,744	7,089	4,794	6,950	7,106	6,598	6,270
Not secured by real estate							
farms, 2022	176	195	153	140	251	294	325
2017	191	241	198	186	272	286	292
\$1,000, 2022	1,383	4,528	1,971	3,541	2,367	2,154	3,779
2017	1,789	3,149	2,178	3,438	1,829	2,611	2,764
Property taxes paid							
farms, 2022	786	815	513	416	917	1,047	1,054
2017	856	824	513	466	907	1,036	910
\$1,000, 2022	5,640	6,259	3,885	3,468	7,919	7,241	9,746
2017	5,127	5,570	3,696	3,400	6,782	5,862	6,131

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item	Jefferson	Johnson	Jones	Keokuk	Kossuth	Lee	Linn
Total farm production expenses							
farms, 2022	681	1,212	991	871	1,342	804	1,416
2017	636	1,257	1,110	927	1,347	837	1,374
\$1,000, 2022	128,250	241,430	285,901	229,563	621,434	129,300	285,830
2017	95,045	178,333	235,828	168,678	467,587	103,905	187,423
Average per farm							
dollars, 2022	188,327	199,199	288,497	263,562	463,066	160,821	201,857
2017	149,443	141,872	212,458	181,962	347,132	124,139	136,407
Fertilizer, lime, and soil conditioners purchased							
farms, 2022	336	741	641	506	957	479	934
2017	312	768	730	552	941	528	887
\$1,000, 2022	16,480	23,150	40,268	22,150	74,591	16,919	41,687
2017	9,364	17,563	22,760	13,465	44,044	10,484	20,268
Chemicals purchased							
farms, 2022	360	770	642	537	978	474	938
2017	278	681	722	547	954	497	868
\$1,000, 2022	9,570	14,737	21,318	12,050	36,474	11,069	22,627
2017	6,375	12,663	12,511	10,889	25,221	7,876	13,189
Seeds, plants, vines, and trees purchased							
farms, 2022	354	759	614	481	955	432	916
2017	270	714	647	504	904	411	802
\$1,000, 2022	13,473	19,484	24,868	16,528	51,672	14,940	31,866
2017	9,853	18,541	21,972	15,738	44,138	11,342	20,925
Cover crop seed purchased							
farms, 2022	75	181	105	112	65	60	128
2017	52	180	95	149	51	51	120
\$1,000, 2022	173	807	330	417	395	100	445
2017	80	365	166	358	321	51	453
Livestock and poultry purchased or leased							
farms, 2022	151	292	275	197	221	160	282
2017	146	344	373	234	266	191	285
\$1,000, 2022	9,739	24,722	38,532	35,387	78,802	10,929	20,552
2017	9,974	17,332	50,850	30,660	68,511	10,916	16,704
Breeding livestock purchased or leased							
farms, 2022	87	153	159	117	64	76	158
2017	88	215	183	131	87	109	175
\$1,000, 2022	1,732	2,799	4,015	2,006	1,348	1,295	4,693
2017	2,660	4,403	4,826	2,126	1,749	2,238	2,574
Other livestock and poultry purchased or leased							
farms, 2022	86	200	162	111	177	92	169
2017	79	205	239	137	200	121	160
\$1,000, 2022	8,006	21,923	34,517	33,381	77,454	9,634	15,859
2017	7,314	12,929	46,023	28,534	66,762	8,678	14,130
Feed purchased							
farms, 2022	274	536	486	356	309	301	543
2017	281	614	562	397	374	336	630
\$1,000, 2022	15,239	51,323	41,116	55,247	130,760	14,863	27,027
2017	11,049	22,814	28,860	26,042	96,447	16,198	15,324
Gasoline, fuels, and oils purchased							
farms, 2022	637	1,127	936	813	1,230	766	1,341
2017	563	1,158	1,039	814	1,198	775	1,307
\$1,000, 2022	5,364	9,274	11,786	8,466	20,398	6,515	12,444
2017	3,555	7,083	8,216	7,126	17,278	4,633	7,254
Utilities							
farms, 2022	486	884	772	621	1,047	562	1,032
2017	437	866	817	678	1,075	585	1,011
\$1,000, 2022	2,214	3,537	4,029	3,227	9,979	2,559	4,761
2017	1,658	3,032	3,582	3,106	6,894	2,214	3,149
Repairs, supplies, and maintenance costs							
farms, 2022	558	993	854	721	1,120	658	1,238
2017	504	1,034	978	754	1,152	689	1,183
\$1,000, 2022	8,769	13,859	15,513	12,781	30,982	9,801	19,536
2017	5,142	11,817	12,934	10,203	22,112	6,323	12,627
Hired farm labor							
farms, 2022	131	275	253	215	504	181	365
2017	145	373	340	233	581	174	343
\$1,000, 2022	5,783	11,576	9,762	8,589	22,368	6,574	14,163
2017	3,190	8,837	7,868	4,011	13,063	4,447	8,815
Contract labor							
farms, 2022	63	60	72	64	98	55	111
2017	67	79	84	77	163	53	98
\$1,000, 2022	849	621	795	881	2,327	502	1,127
2017	729	784	795	1,343	3,486	603	1,222
Customwork and custom hauling							
farms, 2022	243	451	377	295	513	222	533
2017	196	449	434	314	478	206	506
\$1,000, 2022	4,212	5,190	5,957	4,764	10,947	2,268	6,560
2017	3,031	3,834	5,766	2,940	9,998	1,878	4,523
Cash rent for land, buildings, and grazing fees							
farms, 2022	159	402	401	282	673	197	441
2017	134	410	408	294	641	212	423
\$1,000, 2022	18,645	30,392	34,080	16,836	82,980	14,961	41,576
2017	17,514	24,332	30,319	16,862	64,146	11,805	30,510
Rent and lease expenses for machinery, equipment, and farm share of vehicles							
farms, 2022	55	81	74	66	137	66	116
2017	28	88	63	68	141	45	96
\$1,000, 2022	892	849	988	903	3,135	870	2,690
2017	355	1,152	621	830	2,414	303	1,737
Interest expense							
farms, 2022	325	521	449	428	666	344	567
2017	314	588	523	472	728	326	630
\$1,000, 2022	6,073	11,806	14,862	12,164	17,253	5,107	13,122
2017	4,788	9,740	11,205	9,021	18,376	5,000	12,131
Secured by real estate							
farms, 2022	263	388	353	340	504	281	454
2017	247	449	395	365	565	278	517
\$1,000, 2022	4,640	9,383	11,518	9,846	11,685	3,927	10,440
2017	3,913	7,172	7,761	6,281	13,361	3,397	8,335
Not secured by real estate							
farms, 2022	187	295	251	237	397	147	318
2017	159	328	309	276	460	153	334
\$1,000, 2022	1,433	2,422	3,344	2,319	5,568	1,180	2,681
2017	875	2,568	3,444	2,740	5,014	1,603	3,796
Property taxes paid							
farms, 2022	655	1,114	917	818	1,226	779	1,318
2017	613	1,168	1,028	860	1,225	814	1,294
\$1,000, 2022	4,020	7,497	7,549	7,018	12,313	4,534	10,439
2017	3,655	7,710	7,048	6,565	8,325	3,974	8,153

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item	Louisa	Lucas	Lyon	Madison	Mahaska	Marion	Marshall
Total farm production expenses							
farms, 2022	597	594	1,015	1,133	881	947	898
2017	576	567	1,122	977	943	1,030	886
\$1,000, 2022	182,826	73,325	898,099	195,841	300,814	116,352	330,920
2017	150,501	51,154	711,796	108,411	232,550	100,469	222,052
Average per farm							
dollars, 2022	306,241	123,442	884,827	172,852	341,447	122,864	368,507
2017	261,287	90,218	634,399	110,963	246,606	97,542	250,623
Fertilizer, lime, and soil conditioners purchased							
farms, 2022	355	251	781	526	577	464	601
2017	317	239	880	475	556	526	569
\$1,000, 2022	17,372	5,955	27,838	22,997	25,293	17,264	40,093
2017	10,589	3,492	24,812	9,776	14,479	10,041	20,325
Chemicals purchased							
farms, 2022	406	234	826	561	627	505	635
2017	328	196	896	446	601	515	604
\$1,000, 2022	11,771	3,196	18,406	13,094	16,531	10,230	23,897
2017	8,096	2,266	14,366	6,867	10,331	7,907	15,500
Seeds, plants, vines, and trees purchased							
farms, 2022	321	224	762	484	567	434	591
2017	316	196	812	407	524	501	532
\$1,000, 2022	14,322	4,543	28,463	16,407	22,729	13,095	29,437
2017	12,303	3,418	26,342	9,993	18,856	12,455	25,155
Cover crop seed purchased							
farms, 2022	46	31	95	55	102	85	78
2017	49	22	104	47	73	103	70
\$1,000, 2022	136	66	344	163	350	150	413
2017	139	43	186	87	246	144	438
Livestock and poultry purchased or leased							
farms, 2022	105	134	462	301	176	159	157
2017	125	167	515	297	259	246	202
\$1,000, 2022	24,987	11,067	244,409	15,807	54,388	5,483	26,344
2017	20,051	8,813	216,395	10,202	47,349	7,107	19,498
Breeding livestock purchased or leased							
farms, 2022	45	85	149	186	84	98	76
2017	53	132	183	177	111	158	83
\$1,000, 2022	482	1,238	6,957	2,462	2,404	1,050	6,023
2017	2,275	1,697	8,615	1,665	1,655	2,135	2,020
Other livestock and poultry purchased or leased							
farms, 2022	72	74	365	169	115	84	103
2017	81	66	408	153	176	118	144
\$1,000, 2022	24,505	9,829	237,452	13,345	51,984	4,433	20,321
2017	17,776	7,116	207,780	8,537	45,693	4,973	17,478
Feed purchased							
farms, 2022	154	287	576	562	332	382	277
2017	201	307	683	498	396	487	345
\$1,000, 2022	46,572	15,764	342,941	30,491	77,413	9,766	57,098
2017	40,233	7,505	240,682	15,887	57,334	7,603	38,715
Gasoline, fuels, and oils purchased							
farms, 2022	554	553	958	1,055	814	897	840
2017	506	523	1,069	916	894	962	837
\$1,000, 2022	6,276	3,025	19,187	7,082	10,018	5,348	12,949
2017	5,863	2,045	14,722	4,418	6,594	4,620	7,128
Utilities							
farms, 2022	425	372	883	741	630	604	698
2017	364	369	995	651	683	682	657
\$1,000, 2022	3,282	1,714	11,414	5,029	5,008	2,067	5,863
2017	2,437	1,121	10,015	2,691	3,854	2,204	3,748
Repairs, supplies, and maintenance costs							
farms, 2022	498	455	921	880	739	752	773
2017	454	441	1,040	737	775	847	749
\$1,000, 2022	9,596	5,019	31,957	13,123	16,083	9,454	19,518
2017	6,808	3,578	20,706	8,039	10,068	7,608	12,037
Hired farm labor							
farms, 2022	122	103	374	197	231	153	271
2017	158	105	485	194	259	255	270
\$1,000, 2022	6,008	1,981	37,577	13,642	10,077	5,027	15,869
2017	5,909	1,858	23,099	7,695	6,396	4,374	12,377
Contract labor							
farms, 2022	33	40	123	74	76	60	39
2017	64	28	238	56	100	56	66
\$1,000, 2022	553	552	2,779	2,092	979	630	685
2017	2,727	309	3,668	1,259	1,794	500	1,127
Customwork and custom hauling							
farms, 2022	217	139	589	285	364	240	288
2017	195	148	641	281	339	281	338
\$1,000, 2022	3,783	1,811	17,401	3,856	5,785	2,336	12,096
2017	3,461	1,462	11,281	2,322	6,690	1,966	5,603
Cash rent for land, buildings, and grazing fees							
farms, 2022	162	128	577	241	313	239	332
2017	202	108	640	219	313	295	347
\$1,000, 2022	18,417	6,104	44,701	15,971	24,207	16,507	44,677
2017	15,877	3,603	41,809	10,304	23,220	15,059	33,163
Rent and lease expenses for machinery, equipment, and farm share of vehicles							
farms, 2022	42	40	102	67	71	70	101
2017	56	39	138	57	96	64	75
\$1,000, 2022	561	814	2,309	1,348	1,521	777	2,654
2017	842	218	2,343	636	597	733	1,171
Interest expense							
farms, 2022	259	239	604	420	377	370	385
2017	251	246	699	441	408	395	401
\$1,000, 2022	6,001	3,731	20,396	9,969	8,953	6,262	11,538
2017	6,251	4,008	22,496	7,215	8,098	7,071	8,259
Secured by real estate							
farms, 2022	192	197	469	336	276	276	286
2017	194	197	505	376	311	297	292
\$1,000, 2022	4,307	2,762	11,706	7,215	6,434	4,569	8,214
2017	4,093	3,351	14,413	5,390	5,968	4,981	5,496
Not secured by real estate							
farms, 2022	150	120	345	214	234	232	240
2017	164	133	438	225	247	242	258
\$1,000, 2022	1,694	968	8,690	2,754	2,518	1,693	3,324
2017	2,158	657	8,082	1,825	2,130	2,090	2,763
Property taxes paid							
farms, 2022	572	574	943	1,087	832	900	826
2017	537	552	1,005	946	887	965	807
\$1,000, 2022	4,707	3,119	7,822	7,599	7,322	5,819	7,535
2017	3,509	3,058	6,555	4,782	6,603	5,011	5,979

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item		Mills	Mitchell	Monona	Monroe	Montgomery	Muscatine	O'Brien
Total farm production expenses	farms, 2022	451	798	669	620	487	742	880
	2017	520	789	619	618	516	714	876
	\$1,000, 2022	122,042	347,028	242,542	95,864	168,168	186,146	454,349
	2017	78,173	255,246	160,392	55,259	140,985	145,759	405,480
Average per farm	dollars, 2022	270,603	434,872	362,544	154,620	345,314	250,870	516,305
	2017	150,332	323,505	259,115	89,416	273,227	204,144	462,876
Fertilizer, lime, and soil conditioners purchased	farms, 2022	267	580	470	304	338	459	680
	2017	336	567	434	320	381	458	687
	\$1,000, 2022	21,051	31,178	46,442	7,635	26,262	22,264	35,621
	2017	10,710	20,056	21,412	4,141	12,119	15,289	24,321
Chemicals purchased	farms, 2022	271	590	491	301	351	483	696
	2017	311	567	426	289	378	452	701
	\$1,000, 2022	14,767	18,132	20,738	5,102	13,721	13,960	20,761
	2017	8,484	15,363	12,249	2,826	9,295	10,356	14,995
Seeds, plants, vines, and trees purchased	farms, 2022	272	541	469	266	316	414	652
	2017	292	529	412	255	363	397	661
	\$1,000, 2022	17,460	32,284	31,699	5,559	20,938	15,573	23,798
	2017	13,600	21,915	19,294	4,386	18,738	14,381	25,163
Cover crop seed purchased	farms, 2022	26	84	34	37	42	47	34
	2017	34	80	45	50	54	59	31
	\$1,000, 2022	219	540	87	88	178	243	86
	2017	64	270	121	83	438	327	96
Livestock and poultry purchased or leased	farms, 2022	68	227	87	141	96	138	254
	2017	81	257	125	162	123	141	304
	\$1,000, 2022	468	72,592	10,177	20,168	13,827	31,119	90,400
	2017	446	55,467	18,700	8,872	15,134	18,498	94,788
Breeding livestock purchased or leased	farms, 2022	42	81	55	97	67	71	72
	2017	34	92	71	135	80	85	95
	\$1,000, 2022	419	2,473	1,573	2,784	1,204	709	4,896
	2017	346	2,567	1,263	2,967	1,944	1,236	5,133
Other livestock and poultry purchased or leased	farms, 2022	32	173	49	64	38	88	219
	2017	49	205	67	62	60	72	250
	\$1,000, 2022	49	70,119	8,604	17,383	12,623	30,410	85,504
	2017	99	52,900	17,437	5,905	13,190	17,262	89,655
Feed purchased	farms, 2022	132	338	164	280	149	288	349
	2017	150	384	200	312	202	323	381
	\$1,000, 2022	831	78,842	6,203	21,139	10,019	24,969	148,979
	2017	682	47,809	9,136	8,433	16,281	18,584	117,605
Gasoline, fuels, and oils purchased	farms, 2022	422	745	587	577	454	706	785
	2017	481	754	576	566	477	680	814
	\$1,000, 2022	5,310	11,532	9,945	3,355	6,924	6,216	10,249
	2017	3,136	9,228	5,204	2,676	4,415	4,304	10,322
Utilities	farms, 2022	333	621	499	426	363	552	730
	2017	339	657	422	417	375	511	756
	\$1,000, 2022	1,101	4,128	3,346	1,608	2,051	2,793	5,828
	2017	894	3,772	2,359	1,537	3,516	2,830	6,141
Repairs, supplies, and maintenance costs	farms, 2022	388	685	528	512	419	645	774
	2017	428	669	487	515	438	581	769
	\$1,000, 2022	7,734	15,054	13,325	4,662	9,958	10,751	16,705
	2017	4,782	11,477	7,142	3,719	8,899	7,172	14,599
Hired farm labor	farms, 2022	121	258	205	109	149	181	308
	2017	140	249	217	97	190	219	363
	\$1,000, 2022	5,700	7,078	6,494	3,542	10,941	9,324	11,074
	2017	2,499	5,678	6,990	2,362	11,933	8,417	9,970
Contract labor	farms, 2022	25	60	51	37	34	47	82
	2017	23	95	54	43	36	41	193
	\$1,000, 2022	273	967	839	246	1,184	610	1,803
	2017	204	1,579	1,054	181	846	729	3,082
Customwork and custom hauling	farms, 2022	160	329	204	180	201	240	465
	2017	155	334	219	185	185	268	450
	\$1,000, 2022	3,003	5,854	3,754	1,495	4,028	3,499	10,133
	2017	2,130	3,622	3,032	1,103	3,143	3,267	8,492
Cash rent for land, buildings, and grazing fees	farms, 2022	145	364	279	145	181	244	438
	2017	152	326	214	133	207	279	454
	\$1,000, 2022	25,643	33,089	57,117	8,598	24,865	23,258	38,391
	2017	16,697	28,826	31,564	4,865	17,603	20,837	35,905
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2022	48	79	82	30	45	57	89
	2017	54	122	54	20	72	61	87
	\$1,000, 2022	2,805	1,275	3,343	269	711	1,237	1,896
	2017	954	1,905	2,653	59	853	870	1,844
Interest expense	farms, 2022	165	416	317	272	225	305	461
	2017	216	441	269	282	272	300	536
	\$1,000, 2022	4,911	11,274	8,811	4,293	8,258	6,212	12,755
	2017	3,671	11,158	7,036	3,978	6,158	6,470	14,228
Secured by real estate	farms, 2022	110	323	229	217	157	238	336
	2017	159	339	195	232	188	244	417
	\$1,000, 2022	3,420	7,931	5,603	3,153	5,266	4,466	8,400
	2017	2,530	7,158	4,668	3,101	4,095	4,869	9,089
Not secured by real estate	farms, 2022	96	238	211	144	140	188	281
	2017	125	271	167	139	180	181	340
	\$1,000, 2022	1,491	3,343	3,207	1,140	2,993	1,746	4,355
	2017	1,141	4,000	2,368	877	2,063	1,601	5,139
Property taxes paid	farms, 2022	417	732	601	582	450	694	798
	2017	470	737	574	589	458	640	798
	\$1,000, 2022	4,226	5,738	6,487	3,541	5,440	5,456	6,052
	2017	3,551	4,786	5,614	2,637	4,742	4,513	5,779

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item	Osceola	Page	Palo Alto	Plymouth	Pocahontas	Polk	Pottawattamie
Total farm production expenses							
.....farms, 2022	559	639	842	1,285	802	768	1,203
.....farms, 2017	591	715	785	1,219	730	755	1,114
.....\$1,000, 2022	506,874	155,977	568,551	796,156	360,769	123,563	396,514
.....farms, 2017	367,434	131,659	387,788	602,507	274,862	94,523	316,836
Average per farm							
.....dollars, 2022	906,752	244,095	675,238	619,576	449,836	160,889	329,604
.....dollars, 2017	621,716	184,138	493,997	494,263	376,523	125,197	284,413
Fertilizer, lime, and soil conditioners purchased							
.....farms, 2022	399	454	549	1,021	620	457	870
.....farms, 2017	447	522	506	962	548	471	838
.....\$1,000, 2022	25,134	30,352	40,671	51,956	39,085	21,330	60,407
.....farms, 2017	17,743	16,240	24,073	33,023	22,251	12,199	33,347
Chemicals purchased							
.....farms, 2022	428	462	563	1,046	627	453	875
.....farms, 2017	440	502	517	952	545	470	795
.....\$1,000, 2022	12,069	18,021	26,267	31,119	21,851	9,814	30,927
.....farms, 2017	9,881	12,396	15,975	19,340	14,337	6,490	21,544
Seeds, plants, vines, and trees purchased							
.....farms, 2022	393	435	542	952	591	409	796
.....farms, 2017	429	487	491	890	528	413	758
.....\$1,000, 2022	17,568	21,380	32,707	43,312	28,157	17,073	43,738
.....farms, 2017	17,922	18,332	25,653	37,074	23,933	13,069	40,912
Cover crop seed purchased							
.....farms, 2022	21	60	47	108	33	61	101
.....farms, 2017	24	67	28	102	40	39	112
.....\$1,000, 2022	137	147	425	494	234	126	334
.....farms, 2017	86	212	101	267	381	115	341
Livestock and poultry purchased or leased							
.....farms, 2022	179	119	136	379	99	176	235
.....farms, 2017	175	165	158	439	129	168	240
.....\$1,000, 2022	132,361	8,603	105,778	183,253	45,512	3,523	42,654
.....farms, 2017	73,586	13,165	82,467	169,442	42,558	3,063	44,307
Breeding livestock purchased or leased							
.....farms, 2022	42	85	44	154	44	112	124
.....farms, 2017	47	113	46	170	46	84	156
.....\$1,000, 2022	5,868	844	2,975	9,135	1,309	537	1,904
.....farms, 2017	5,802	1,950	1,269	3,251	915	633	2,782
Other livestock and poultry purchased or leased							
.....farms, 2022	157	52	107	262	68	109	143
.....farms, 2017	141	75	139	329	103	109	131
.....\$1,000, 2022	126,493	7,760	102,803	174,119	44,204	2,986	40,749
.....farms, 2017	67,785	11,215	81,198	166,191	41,642	2,431	41,525
Feed purchased							
.....farms, 2022	223	240	206	553	176	328	399
.....farms, 2017	246	324	230	629	182	341	448
.....\$1,000, 2022	175,428	7,549	185,685	232,057	85,594	3,350	35,131
.....farms, 2017	119,620	7,314	112,619	156,882	69,367	4,237	24,122
Gasoline, fuels, and oils purchased							
.....farms, 2022	528	562	732	1,201	701	714	1,095
.....farms, 2017	549	646	661	1,168	653	715	1,039
.....\$1,000, 2022	10,532	6,193	13,506	18,786	11,019	5,549	14,109
.....farms, 2017	8,175	4,699	8,360	10,632	8,273	3,065	10,365
Utilities							
.....farms, 2022	474	485	603	1,062	597	518	890
.....farms, 2017	506	520	555	1,022	573	489	859
.....\$1,000, 2022	6,436	2,114	8,923	9,381	5,367	2,179	4,630
.....farms, 2017	6,165	1,929	5,073	7,009	4,074	2,115	4,315
Repairs, supplies, and maintenance costs							
.....farms, 2022	499	539	679	1,140	679	619	995
.....farms, 2017	523	582	655	1,096	612	620	974
.....\$1,000, 2022	16,483	9,767	27,126	31,252	18,222	9,614	20,532
.....farms, 2017	11,667	9,308	13,239	20,877	12,289	6,723	16,911
Hired farm labor							
.....farms, 2022	227	187	231	414	222	215	376
.....farms, 2017	244	255	266	439	286	203	394
.....\$1,000, 2022	20,648	6,004	15,487	23,429	13,003	9,505	16,398
.....farms, 2017	17,453	5,899	7,807	11,840	11,347	7,558	15,397
Contract labor							
.....farms, 2022	59	39	88	161	63	63	86
.....farms, 2017	113	46	90	200	75	67	97
.....\$1,000, 2022	2,115	337	4,138	4,081	1,701	669	981
.....farms, 2017	2,928	233	2,614	5,143	1,772	1,061	1,322
Customwork and custom hauling							
.....farms, 2022	284	266	300	606	302	182	433
.....farms, 2017	272	331	300	590	266	191	447
.....\$1,000, 2022	8,597	4,272	9,106	15,671	6,971	2,599	7,297
.....farms, 2017	6,734	3,723	6,484	10,772	4,330	1,890	9,090
Cash rent for land, buildings, and grazing fees							
.....farms, 2022	275	215	319	687	355	209	510
.....farms, 2017	272	245	330	655	326	210	486
.....\$1,000, 2022	39,085	21,100	52,125	73,049	45,770	20,185	68,945
.....farms, 2017	35,425	18,664	40,685	60,635	32,805	18,317	54,697
Rent and lease expenses for machinery, equipment, and farm share of vehicles							
.....farms, 2022	78	60	82	127	66	47	99
.....farms, 2017	77	61	76	115	76	57	101
.....\$1,000, 2022	1,711	823	2,711	2,505	2,482	484	3,237
.....farms, 2017	1,472	612	2,815	2,001	1,814	1,505	1,625
Interest expense							
.....farms, 2022	293	282	417	646	358	289	551
.....farms, 2017	339	396	400	667	393	253	532
.....\$1,000, 2022	10,533	5,765	11,139	27,589	10,751	5,877	13,864
.....farms, 2017	9,492	7,436	11,873	18,803	9,554	4,292	13,197
Secured by real estate							
.....farms, 2022	213	189	297	491	263	235	404
.....farms, 2017	238	280	310	522	262	205	395
.....\$1,000, 2022	5,972	4,305	6,661	20,212	6,463	4,506	10,661
.....farms, 2017	5,058	5,042	6,764	12,804	5,771	2,996	8,335
Not secured by real estate							
.....farms, 2022	189	178	260	403	225	150	314
.....farms, 2017	210	272	240	399	260	145	328
.....\$1,000, 2022	4,561	1,460	4,478	7,376	4,288	1,371	3,204
.....farms, 2017	4,435	2,394	5,109	5,998	3,783	1,296	4,862
Property taxes paid							
.....farms, 2022	491	602	771	1,171	717	707	1,097
.....farms, 2017	550	665	710	1,096	677	694	982
.....\$1,000, 2022	3,860	5,087	7,044	11,403	5,932	4,735	11,958
.....farms, 2017	4,130	4,844	5,337	7,925	4,223	4,519	8,399

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item		Poweshiek	Ringgold	Sac	Scott	Shelby	Sioux	Story	
Total farm production expenses	farms, 2022	792	612	863	711	865	1,672	1,067	
	2017	852	675	889	684	890	1,724	955	
	\$1,000, 2022	318,847	170,868	450,836	204,048	355,109	1,770,275	287,719	
Average per farm	2017	249,085	104,297	358,942	184,671	243,688	1,350,489	192,667	
	dollars, 2022	402,585	279,196	522,405	286,987	410,531	1,058,777	269,652	
	2017	292,353	154,514	403,759	269,987	273,806	783,346	201,746	
Fertilizer, lime, and soil conditioners purchased	farms, 2022	530	313	623	476	694	1,181	646	
	2017	546	340	631	502	657	1,266	591	
	\$1,000, 2022	29,963	14,199	41,361	28,968	41,948	49,503	37,095	
Chemicals purchased	2017	20,993	7,332	20,836	15,520	26,525	32,432	22,719	
	farms, 2022	540	299	643	510	701	1,253	712	
	2017	554	302	625	474	663	1,251	606	
\$1,000, 2022	18,478	7,985	21,554	13,889	22,430	31,747	18,367		
	2017	14,850	5,342	15,035	12,559	16,879	22,257	12,022	
	farms, 2022	475	266	593	479	655	1,158	638	
Seeds, plants, vines, and trees purchased	2017	514	274	577	453	609	1,157	530	
	\$1,000, 2022	23,008	10,838	29,336	19,825	27,026	46,076	28,444	
	2017	22,236	7,321	25,721	16,093	25,884	43,078	22,538	
Cover crop seed purchased	farms, 2022	75	34	38	52	66	140	85	
	2017	80	25	70	43	65	121	77	
	\$1,000, 2022	232	64	136	137	274	520	304	
2017	192	48	366	103	300	509	221		
	Livestock and poultry purchased or leased	farms, 2022	175	171	183	136	156	709	201
	2017	242	196	231	159	210	809	206	
\$1,000, 2022	28,096	28,520	86,112	20,354	69,497	585,205	24,185		
	2017	25,953	17,118	77,558	19,685	35,635	474,906	16,663	
	Breeding livestock purchased or leased	farms, 2022	119	141	81	59	88	190	105
2017	163	157	101	82	127	188	85		
\$1,000, 2022	2,536	4,881	1,325	898	7,828	18,195	1,301		
	2017	4,544	3,206	2,342	1,595	5,064	19,523	913	
	Other livestock and poultry purchased or leased	farms, 2022	83	72	131	92	92	597	139
2017	142	69	174	99	104	691	149		
\$1,000, 2022	25,560	23,639	84,787	19,456	61,669	567,010	22,884		
	2017	21,408	13,912	75,216	18,089	30,572	455,382	15,749	
	Feed purchased	farms, 2022	324	311	272	249	282	899	329
2017	401	336	330	304	327	987	323		
\$1,000, 2022	82,866	40,189	123,759	22,202	62,391	641,238	43,962		
	2017	44,084	20,081	88,885	31,734	35,413	450,336	21,188	
	Gasoline, fuels, and oils purchased	farms, 2022	717	547	789	674	821	1,593	975
2017	775	612	787	658	808	1,631	866		
\$1,000, 2022	8,293	5,788	12,557	7,390	11,508	29,170	11,039		
	2017	7,216	3,655	12,425	6,110	7,349	23,272	6,648	
	Utilities	farms, 2022	576	429	665	543	718	1,455	787
2017	669	447	682	553	731	1,488	680		
\$1,000, 2022	6,482	3,743	5,450	2,702	4,770	20,860	4,894		
	2017	4,615	2,198	4,483	2,762	3,634	15,679	3,104	
	Repairs, supplies, and maintenance costs	farms, 2022	667	489	755	617	773	1,512	917
2017	722	541	751	632	776	1,574	786		
\$1,000, 2022	19,348	8,374	17,927	11,441	18,381	50,261	17,674		
	2017	14,349	6,046	14,112	8,206	12,356	36,352	11,442	
	Hired farm labor	farms, 2022	206	142	291	185	250	620	338
2017	247	162	292	215	303	781	324		
\$1,000, 2022	20,183	7,738	11,023	8,712	10,663	72,687	19,672		
	2017	13,282	4,442	8,857	7,813	9,060	45,185	11,945	
	Contract labor	farms, 2022	35	47	78	46	69	210	106
2017	54	47	102	58	75	387	94		
\$1,000, 2022	659	511	2,031	501	475	6,736	2,016		
	2017	1,365	487	2,279	515	706	6,965	795	
	Customwork and custom hauling	farms, 2022	249	192	328	257	296	905	339
2017	284	180	349	269	337	944	297		
\$1,000, 2022	3,776	1,940	7,482	3,051	7,074	28,017	6,009		
	2017	3,303	2,349	7,911	3,934	4,068	25,211	4,292	
	Cash rent for land, buildings, and grazing fees	farms, 2022	300	166	427	321	449	848	324
2017	349	195	404	299	406	838	304		
\$1,000, 2022	33,100	17,781	50,066	39,379	41,948	87,173	38,126		
	2017	29,457	8,881	40,106	32,495	36,660	69,022	32,888	
	Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2022	81	61	108	68	80	163	92
2017	64	59	111	81	76	196	83		
\$1,000, 2022	2,064	1,098	3,076	2,200	1,310	2,902	2,351		
	2017	1,433	426	1,817	1,462	1,319	2,886	1,593	
	Interest expense	farms, 2022	359	303	408	304	401	857	438
2017	385	314	476	370	483	1,009	419		
\$1,000, 2022	18,405	8,286	11,953	7,284	10,885	36,986	9,475		
	2017	10,712	7,337	14,218	9,039	9,345	35,944	8,659	
	Secured by real estate	farms, 2022	245	230	315	212	294	633	331
2017	296	281	385	284	387	752	328		
\$1,000, 2022	8,537	4,685	7,985	5,280	8,038	20,290	6,405		
	2017	7,507	5,682	10,104	6,666	6,746	21,323	5,718	
	Not secured by real estate	farms, 2022	240	185	233	192	245	500	232
2017	255	160	284	222	300	629	238		
\$1,000, 2022	9,868	3,602	3,967	2,003	2,847	16,696	3,071		
	2017	3,206	1,655	4,114	2,373	2,599	14,621	2,941	
	Property taxes paid	farms, 2022	723	589	799	624	781	1,515	985
2017	780	647	814	609	827	1,571	869		
\$1,000, 2022	6,592	4,796	7,889	4,907	7,308	13,601	8,719		
	2017	6,590	3,831	7,119	4,280	6,250	10,067	5,801	

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item	Tama	Taylor	Union	Van Buren	Wapello	Warren	Washington	
Total farm production expenses	farms, 2022	1,056	596	587	732	682	1,388	1,176
	2017	1,072	667	627	690	715	1,214	1,129
	\$1,000, 2022	289,691	208,840	163,626	114,319	103,270	128,966	713,786
	2017	234,626	107,111	114,147	86,477	70,790	71,012	528,629
Average per farm	dollars, 2022	274,328	350,402	278,750	156,174	151,422	92,915	606,961
	2017	218,868	160,586	182,052	125,329	99,007	58,494	468,228
Fertilizer, lime, and soil conditioners purchased	farms, 2022	697	353	297	339	313	588	675
	2017	713	380	345	367	344	564	677
	\$1,000, 2022	35,312	23,435	13,827	11,281	14,800	20,238	25,200
	2017	26,387	9,277	8,830	6,504	8,617	7,725	18,763
Chemicals purchased	farms, 2022	737	354	281	309	314	687	713
	2017	705	360	325	313	320	588	646
	\$1,000, 2022	23,640	12,307	7,626	6,620	11,937	11,112	16,259
	2017	18,958	6,441	5,871	4,011	5,041	6,156	12,387
Seeds, plants, vines, and trees purchased	farms, 2022	697	303	267	285	308	574	641
	2017	650	325	281	277	293	509	606
	\$1,000, 2022	28,066	17,226	11,555	7,199	9,477	14,985	22,236
	2017	25,882	12,805	10,849	7,209	8,016	10,449	19,525
Cover crop seed purchased	farms, 2022	110	31	29	59	44	78	198
	2017	85	41	43	47	65	46	203
	\$1,000, 2022	445	188	68	143	78	96	742
	2017	191	583	82	40	170	408	678
Livestock and poultry purchased or leased	farms, 2022	199	136	155	164	113	290	345
	2017	254	155	209	191	137	224	415
	\$1,000, 2022	33,160	15,433	19,441	12,086	4,913	2,990	151,722
	2017	24,552	6,026	18,915	9,081	5,128	1,822	124,638
Breeding livestock purchased or leased	farms, 2022	129	88	96	102	89	136	154
	2017	157	114	143	150	82	141	214
	\$1,000, 2022	1,745	1,471	3,058	1,523	1,410	1,391	6,699
	2017	1,846	2,268	3,522	1,962	675	1,250	5,450
Other livestock and poultry purchased or leased	farms, 2022	120	63	82	94	53	196	253
	2017	149	65	105	93	76	118	259
	\$1,000, 2022	31,415	13,962	16,384	10,564	3,502	1,599	145,023
	2017	22,706	3,758	15,393	7,119	4,453	572	119,188
Feed purchased	farms, 2022	395	269	316	318	280	562	541
	2017	449	337	387	335	338	519	557
	\$1,000, 2022	33,120	39,668	38,172	30,272	16,383	5,286	317,048
	2017	23,157	14,314	18,553	20,830	5,286	2,635	201,693
Gasoline, fuels, and oils purchased	farms, 2022	996	542	550	650	627	1,299	1,070
	2017	997	601	594	632	682	1,126	1,008
	\$1,000, 2022	10,417	7,112	5,189	5,019	4,237	7,084	16,922
	2017	7,630	4,878	3,505	2,700	3,115	3,409	11,393
Utilities	farms, 2022	773	411	422	477	453	820	873
	2017	795	465	458	508	478	758	848
	\$1,000, 2022	4,289	3,104	5,377	1,902	1,797	2,587	11,249
	2017	3,678	1,892	2,425	1,871	1,666	1,517	8,813
Repairs, supplies, and maintenance costs	farms, 2022	913	482	473	554	551	1,074	953
	2017	906	548	557	561	616	928	966
	\$1,000, 2022	20,968	9,889	12,873	5,527	5,666	10,447	21,260
	2017	12,961	6,220	5,474	4,286	4,513	5,460	15,963
Hired farm labor	farms, 2022	292	134	123	92	111	243	289
	2017	291	169	154	193	153	236	394
	\$1,000, 2022	10,444	8,923	6,574	3,098	2,196	5,199	22,772
	2017	9,037	4,511	3,893	3,710	1,804	2,398	14,282
Contract labor	farms, 2022	49	47	42	47	37	68	110
	2017	41	37	61	45	36	58	184
	\$1,000, 2022	1,163	2,909	811	547	611	853	6,921
	2017	452	242	897	645	360	341	9,820
Customwork and custom hauling	farms, 2022	397	206	193	197	147	313	466
	2017	371	232	209	217	142	337	441
	\$1,000, 2022	5,815	5,130	3,632	1,927	1,450	4,245	9,168
	2017	4,793	3,447	2,958	1,632	1,844	2,573	7,560
Cash rent for land, buildings, and grazing fees	farms, 2022	462	190	172	149	143	250	394
	2017	460	181	173	156	155	215	366
	\$1,000, 2022	40,906	32,034	16,984	11,774	14,085	21,737	34,468
	2017	39,423	17,947	14,464	8,030	10,854	10,711	22,429
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2022	100	57	50	40	34	100	111
	2017	90	52	61	37	30	81	101
	\$1,000, 2022	2,541	2,263	1,456	489	662	922	1,617
	2017	1,934	798	1,094	311	414	447	2,296
Interest expense	farms, 2022	565	292	291	296	308	500	542
	2017	550	280	281	301	311	435	563
	\$1,000, 2022	13,821	6,828	6,269	5,935	6,186	6,361	13,132
	2017	15,223	7,940	5,529	4,410	5,757	5,542	12,067
Secured by real estate	farms, 2022	461	205	226	257	258	388	418
	2017	432	238	214	244	274	358	445
	\$1,000, 2022	10,123	4,909	3,723	5,022	4,836	4,580	10,124
	2017	10,594	6,236	3,562	3,332	4,302	4,394	8,867
Not secured by real estate	farms, 2022	322	169	170	128	161	276	310
	2017	367	150	207	148	155	207	327
	\$1,000, 2022	3,698	1,918	2,546	912	1,350	1,782	3,008
	2017	4,629	1,704	1,968	1,078	1,455	1,148	3,201
Property taxes paid	farms, 2022	971	555	553	696	674	1,326	1,077
	2017	990	636	594	655	693	1,170	1,087
	\$1,000, 2022	8,084	4,738	3,933	3,609	3,723	6,267	8,444
	2017	6,987	4,332	3,585	3,175	3,831	5,696	8,028

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Total farm production expenses							
.....farms, 2022	732	907	548	1,459	1,005	538	734
.....2017	743	960	571	1,458	1,037	582	735
.....\$1,000, 2022	117,501	312,271	254,289	383,895	408,706	121,473	511,350
.....2017	84,414	249,684	205,846	292,108	313,570	117,648	406,083
Average per farm							
.....dollars, 2022	160,520	344,290	464,031	263,122	406,673	225,786	696,663
.....2017	113,612	260,087	360,500	200,348	302,381	202,144	552,493
Fertilizer, lime, and soil conditioners purchased							
.....farms, 2022	332	619	360	860	712	296	492
.....2017	345	611	355	913	681	360	478
.....\$1,000, 2022	18,959	39,423	27,719	39,325	52,133	21,836	44,704
.....2017	9,188	27,435	18,208	26,382	32,656	16,721	23,877
Chemicals purchased							
.....farms, 2022	307	644	378	887	732	324	517
.....2017	250	619	355	866	683	357	474
.....\$1,000, 2022	9,963	23,412	12,861	18,063	28,632	10,673	26,129
.....2017	5,460	16,502	12,545	13,393	16,097	9,590	14,633
Seeds, plants, vines, and trees purchased							
.....farms, 2022	291	605	365	846	612	302	510
.....2017	249	580	352	831	600	356	433
.....\$1,000, 2022	14,222	34,560	20,326	28,377	39,216	13,967	32,983
.....2017	8,523	29,124	19,436	28,040	27,975	17,088	25,412
Cover crop seed purchased							
.....farms, 2022	43	45	31	161	50	29	42
.....2017	35	37	18	147	56	17	29
.....\$1,000, 2022	178	417	297	355	171	104	406
.....2017	33	276	51	286	413	100	221
Livestock and poultry purchased or leased							
.....farms, 2022	175	124	48	345	209	102	104
.....2017	195	142	84	440	291	90	126
.....\$1,000, 2022	6,350	30,367	35,988	44,901	67,732	5,583	64,881
.....2017	10,141	28,092	20,085	44,049	61,586	3,797	56,036
Breeding livestock purchased or leased							
.....farms, 2022	140	61	23	178	120	38	45
.....2017	134	68	32	216	163	36	64
.....\$1,000, 2022	1,799	2,988	1,723	7,836	2,937	208	493
.....2017	2,192	885	606	4,120	3,374	130	872
Other livestock and poultry purchased or leased							
.....farms, 2022	71	79	36	228	120	82	74
.....2017	87	82	60	282	172	64	91
.....\$1,000, 2022	4,551	27,379	34,265	37,065	64,795	5,375	64,388
.....2017	7,949	27,207	19,479	39,929	58,212	3,668	55,164
Feed purchased							
.....farms, 2022	337	203	99	617	371	147	158
.....2017	357	231	140	736	463	162	189
.....\$1,000, 2022	7,028	50,532	57,799	75,878	38,890	8,966	128,573
.....2017	8,185	35,579	50,841	47,888	43,278	7,971	129,039
Gasoline, fuels, and oils purchased							
.....farms, 2022	650	786	485	1,376	917	483	638
.....2017	641	815	509	1,364	960	505	662
.....\$1,000, 2022	5,513	11,571	11,747	15,395	11,798	5,678	13,933
.....2017	4,215	7,609	6,289	10,384	8,134	5,387	8,459
Utilities							
.....farms, 2022	478	661	375	1,058	756	368	559
.....2017	513	665	415	1,072	776	383	514
.....\$1,000, 2022	1,964	3,903	4,864	7,698	4,074	1,876	11,396
.....2017	1,694	2,690	4,221	5,554	3,902	1,808	8,477
Repairs, supplies, and maintenance costs							
.....farms, 2022	585	759	433	1,226	823	401	615
.....2017	601	749	447	1,261	842	432	599
.....\$1,000, 2022	7,068	15,018	10,662	29,286	20,406	7,983	27,575
.....2017	6,623	11,715	8,517	22,358	13,212	6,825	16,035
Hired farm labor							
.....farms, 2022	138	279	163	364	287	132	276
.....2017	145	295	218	445	293	182	298
.....\$1,000, 2022	3,209	10,836	12,705	25,036	14,269	3,369	31,344
.....2017	2,066	7,617	9,717	12,273	8,204	2,845	21,083
Contract labor							
.....farms, 2022	53	61	62	97	105	32	63
.....2017	69	58	47	119	110	31	53
.....\$1,000, 2022	1,024	857	1,002	1,886	1,741	1,198	9,489
.....2017	1,116	1,889	542	1,448	972	509	2,683
Customwork and custom hauling							
.....farms, 2022	189	275	198	563	340	182	253
.....2017	230	256	209	579	387	193	237
.....\$1,000, 2022	3,115	5,756	3,042	11,937	5,378	2,440	7,200
.....2017	2,271	4,725	2,422	8,692	6,269	2,360	4,575
Cash rent for land, buildings, and grazing fees							
.....farms, 2022	162	383	240	498	444	212	333
.....2017	167	363	245	515	387	266	315
.....\$1,000, 2022	20,449	47,442	30,364	33,222	73,723	22,077	61,133
.....2017	11,291	41,895	27,961	29,458	50,431	25,036	49,091
Rent and lease expenses for machinery, equipment, and farm share of vehicles							
.....farms, 2022	49	73	59	106	92	59	89
.....2017	44	80	57	132	103	41	67
.....\$1,000, 2022	666	4,236	1,887	1,713	3,133	883	4,875
.....2017	452	1,326	1,395	870	2,101	439	1,775
Interest expense							
.....farms, 2022	307	358	245	688	457	233	317
.....2017	349	366	280	751	506	289	326
.....\$1,000, 2022	7,236	10,408	5,800	14,974	16,471	4,582	10,864
.....2017	4,657	13,295	8,519	13,992	15,226	6,713	7,872
Secured by real estate							
.....farms, 2022	244	266	182	568	322	173	237
.....2017	301	277	213	619	399	233	213
.....\$1,000, 2022	5,865	6,269	3,672	10,716	9,126	3,317	7,791
.....2017	3,478	9,873	5,666	10,263	9,775	4,509	5,178
Not secured by real estate							
.....farms, 2022	169	232	141	392	295	143	180
.....2017	186	227	179	414	318	185	211
.....\$1,000, 2022	1,371	4,138	2,128	4,257	7,345	1,265	3,073
.....2017	1,179	3,422	2,852	3,729	5,450	2,204	2,694
Property taxes paid							
.....farms, 2022	713	837	514	1,394	916	481	668
.....2017	720	899	517	1,399	959	540	657
.....\$1,000, 2022	4,710	7,109	4,296	9,681	10,072	2,996	6,552
.....2017	3,319	6,175	4,298	8,872	8,016	3,856	4,587

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock						
farms, 2022	26,275	293	179	409	281	179
2017	32,238	366	232	484	326	214
\$1,000, 2022	408,183	2,656	3,521	5,679	854	2,845
2017	273,226	2,265	1,485	3,531	675	2,763
All other production expenses						
farms, 2022	64,370	547	384	651	388	435
2017	52,599	468	304	532	298	393
\$1,000, 2022	1,247,859	9,340	5,364	8,719	2,928	8,791
2017	1,006,159	6,016	3,865	6,898	2,207	6,802
Production expenses paid by landlords ¹						
farms, 2022	4,811	39	31	19	12	23
2017	5,140	46	20	15	18	28
\$1,000, 2022	250,121	1,498	1,344	429	39	1,049
2017	193,270	1,848	1,223	119	141	911
Depreciation expenses claimed						
farms, 2022	57,713	500	342	617	343	416
2017	48,927	411	286	555	282	358
\$1,000, 2022	2,993,804	24,735	15,283	24,335	10,366	29,891
2017	1,937,081	14,646	7,294	17,950	5,188	13,699
Item	Benton	Black Hawk	Boone	Bremer	Buchanan	Buena Vista
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock						
farms, 2022	294	226	226	233	339	229
2017	387	304	287	298	437	247
\$1,000, 2022	2,949	5,187	1,436	3,274	5,383	6,376
2017	3,947	3,417	1,222	1,798	5,079	2,960
All other production expenses						
farms, 2022	833	741	728	733	849	637
2017	738	585	549	579	661	611
\$1,000, 2022	11,787	15,838	15,932	11,662	19,235	29,890
2017	12,507	9,609	8,774	9,165	10,635	23,685
Production expenses paid by landlords ¹						
farms, 2022	42	30	65	22	39	67
2017	53	32	81	32	46	100
\$1,000, 2022	2,038	1,255	4,639	1,062	1,565	5,031
2017	1,548	1,218	3,750	702	3,752	3,987
Depreciation expenses claimed						
farms, 2022	769	650	594	646	773	584
2017	665	510	481	546	590	537
\$1,000, 2022	36,020	29,225	39,597	24,867	41,328	48,696
2017	24,425	19,979	18,633	15,220	26,120	28,791
Item	Butler	Calhoun	Carroll	Cass	Cedar	Cerro Gordo
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock						
farms, 2022	263	154	332	230	290	157
2017	345	209	420	259	374	181
\$1,000, 2022	3,644	3,575	5,735	2,343	2,733	3,994
2017	1,271	1,683	4,140	1,676	2,631	1,075
All other production expenses						
farms, 2022	692	619	921	538	709	615
2017	634	567	755	424	556	467
\$1,000, 2022	12,526	12,143	19,103	8,867	16,806	13,046
2017	13,592	14,387	17,817	5,533	12,374	7,964
Production expenses paid by landlords ¹						
farms, 2022	31	124	57	48	57	28
2017	37	129	67	46	45	24
\$1,000, 2022	1,678	8,305	3,623	1,996	3,071	1,239
2017	1,637	6,169	2,447	1,869	1,351	428
Depreciation expenses claimed						
farms, 2022	649	532	779	449	623	542
2017	581	462	661	369	516	459
\$1,000, 2022	21,914	31,636	44,748	25,360	35,066	34,730
2017	18,407	18,328	23,989	15,446	21,022	12,604
Item	Cherokee	Chickasaw	Clarke	Clay	Clayton	Clinton
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock						
farms, 2022	266	257	214	164	553	384
2017	383	307	287	203	684	486
\$1,000, 2022	3,770	9,865	4,941	2,848	7,471	3,472
2017	2,774	2,440	2,224	1,815	4,763	2,597
All other production expenses						
farms, 2022	704	784	377	565	1,086	918
2017	680	639	288	474	844	737
\$1,000, 2022	11,437	12,834	4,779	12,966	14,531	16,952
2017	11,397	9,678	9,323	9,674	10,254	10,417
Production expenses paid by landlords ¹						
farms, 2022	59	23	18	44	37	35
2017	49	27	38	89	30	26
\$1,000, 2022	2,337	1,813	321	1,634	1,158	1,494
2017	823	510	876	3,336	526	281
Depreciation expenses claimed						
farms, 2022	625	726	385	512	968	780
2017	551	571	314	456	823	725
\$1,000, 2022	41,960	33,005	8,836	27,096	36,973	39,137
2017	24,288	21,168	7,317	18,295	26,282	28,638

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item	Crawford	Dallas	Davis	Decatur	Delaware	Des Moines
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock						
farms, 2022	303	216	438	258	591	119
2017	377	235	468	291	662	155
\$1,000, 2022	4,025	2,223	4,552	2,225	9,532	524
2017	3,329	1,518	2,783	1,560	6,518	311
All other production expenses						
farms, 2022	752	600	521	420	1,164	457
2017	596	465	375	308	893	332
\$1,000, 2022	16,611	13,052	4,424	3,858	16,490	5,286
2017	15,193	7,604	3,442	2,794	12,209	3,281
Production expenses paid by landlords ¹						
farms, 2022	57	64	25	18	46	48
2017	38	68	20	15	33	58
\$1,000, 2022	3,088	5,358	689	523	1,202	1,753
2017	2,004	2,352	614	283	835	1,138
Depreciation expenses claimed						
farms, 2022	663	537	524	361	1,061	380
2017	573	420	392	287	833	321
\$1,000, 2022	48,114	36,302	17,745	8,910	54,584	12,099
2017	30,299	15,648	8,944	9,632	38,353	9,572

Item	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin	Fremont
Total farm production expenses - Con.							
Medical supplies, veterinary, and custom services for livestock							
farms, 2022	98	648	87	395	207	183	75
2017	122	729	156	434	265	251	125
\$1,000, 2022	1,437	7,281	3,758	8,368	2,567	3,623	218
2017	1,374	6,106	1,865	5,000	2,127	1,915	283
All other production expenses							
farms, 2022	353	1,215	334	996	709	674	351
2017	276	876	352	771	555	543	334
\$1,000, 2022	6,757	14,817	11,605	19,313	15,056	18,996	7,934
2017	5,943	10,650	8,420	12,256	12,481	12,933	5,982
Production expenses paid by landlords ¹							
farms, 2022	32	50	53	51	36	55	67
2017	42	20	82	41	45	42	77
\$1,000, 2022	1,876	679	3,006	2,639	1,795	3,253	6,522
2017	3,228	257	3,231	2,310	505	1,674	4,833
Depreciation expenses claimed							
farms, 2022	321	1,077	306	897	666	594	307
2017	247	858	324	726	526	464	259
\$1,000, 2022	16,390	45,042	25,371	53,982	33,553	34,997	23,132
2017	9,795	32,010	19,334	29,431	18,463	22,012	13,026

Item	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Total farm production expenses - Con.							
Medical supplies, veterinary, and custom services for livestock							
farms, 2022	207	172	321	172	165	243	180
2017	211	236	284	224	181	282	225
\$1,000, 2022	2,314	3,406	3,355	5,770	4,002	6,530	940
2017	1,406	2,039	3,098	5,004	2,181	2,602	1,229
All other production expenses							
farms, 2022	596	549	641	606	695	656	590
2017	481	540	484	523	587	543	455
\$1,000, 2022	13,900	13,364	12,721	20,738	17,470	24,696	11,107
2017	13,113	10,842	8,751	14,607	13,276	13,262	12,777
Production expenses paid by landlords ¹							
farms, 2022	85	29	56	60	79	39	52
2017	114	51	54	77	64	53	73
\$1,000, 2022	5,435	2,301	2,598	6,265	4,696	2,845	3,336
2017	5,788	1,872	1,568	5,208	2,657	1,737	4,588
Depreciation expenses claimed							
farms, 2022	527	481	546	532	644	557	540
2017	437	471	464	457	512	504	400
\$1,000, 2022	33,695	32,824	19,108	44,299	40,188	35,228	33,050
2017	21,403	19,943	13,396	32,699	27,567	30,039	19,595

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper
Total farm production expenses - Con.							
Medical supplies, veterinary, and custom services for livestock							
farms, 2022	216	208	77	150	268	501	371
2017	283	305	148	208	387	611	378
\$1,000, 2022	1,070	6,185	1,100	2,008	2,728	3,145	2,387
2017	1,011	2,356	843	1,919	2,697	3,286	1,161
All other production expenses							
farms, 2022	533	616	457	357	728	807	878
2017	480	526	391	356	538	645	640
\$1,000, 2022	6,607	11,884	11,260	7,894	12,132	11,904	14,886
2017	5,137	10,618	7,428	8,080	8,502	6,549	8,375
Production expenses paid by landlords ¹							
farms, 2022	54	20	62	21	29	33	84
2017	61	24	93	34	28	27	79
\$1,000, 2022	2,017	811	3,015	1,628	1,146	1,019	3,019
2017	1,451	953	3,362	2,356	648	249	2,377
Depreciation expenses claimed							
farms, 2022	490	587	446	347	632	723	741
2017	423	522	369	314	493	653	573
\$1,000, 2022	20,390	27,862	25,530	16,513	29,399	23,856	38,399
2017	15,401	18,369	13,700	13,631	18,520	17,025	21,246

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item	Jefferson	Johnson	Jones	Keokuk	Kossuth	Lee	Linn
Total farm production expenses - Con.							
Medical supplies, veterinary, and custom services for livestock							
farms, 2022	202	418	399	311	274	243	420
2017	240	538	500	352	340	286	521
\$1,000, 2022	1,260	2,800	2,958	3,858	8,433	1,242	3,464
2017	707	1,760	2,834	2,093	3,175	1,128	1,666
All other production expenses							
farms, 2022	448	870	709	651	1,089	547	988
2017	275	723	697	529	946	405	795
\$1,000, 2022	5,668	10,613	11,520	8,714	28,119	5,646	12,189
2017	4,106	9,339	7,688	7,784	19,958	4,778	9,226
Production expenses paid by landlords ¹							
farms, 2022	26	39	42	28	113	33	61
2017	22	59	34	27	127	47	42
\$1,000, 2022	774	953	1,175	873	7,849	2,355	4,330
2017	593	1,303	596	979	4,884	759	1,211
Depreciation expenses claimed							
farms, 2022	418	724	661	574	1,017	498	961
2017	299	677	633	506	897	418	724
\$1,000, 2022	15,164	26,487	37,300	22,834	66,543	14,412	36,233
2017	12,299	18,581	21,781	15,798	47,483	11,259	20,736
Item	Louisa	Lucas	Lyon	Madison	Mahaska	Marion	Marshall
Total farm production expenses - Con.							
Medical supplies, veterinary, and custom services for livestock							
farms, 2022	130	205	518	422	285	262	193
2017	168	276	639	396	347	373	298
\$1,000, 2022	1,227	2,257	17,891	5,230	4,052	746	3,476
2017	547	995	14,740	2,119	2,853	883	2,673
All other production expenses							
farms, 2022	441	369	899	634	670	619	680
2017	291	247	849	445	539	520	567
\$1,000, 2022	7,391	2,672	22,608	12,104	10,456	5,541	17,193
2017	4,998	3,404	17,765	4,206	7,434	5,327	9,595
Production expenses paid by landlords ¹							
farms, 2022	25	17	77	59	47	39	53
2017	30	25	79	61	52	43	71
\$1,000, 2022	903	299	2,176	2,748	2,457	1,176	3,066
2017	1,415	383	2,110	2,569	1,074	1,730	2,861
Depreciation expenses claimed							
farms, 2022	404	327	799	633	579	556	620
2017	323	238	803	452	514	507	513
\$1,000, 2022	18,299	7,996	59,951	22,279	30,453	19,451	34,539
2017	16,776	5,670	42,513	12,228	17,893	10,528	18,036
Item	Mills	Mitchell	Monona	Monroe	Montgomery	Muscatine	O'Brien
Total farm production expenses - Con.							
Medical supplies, veterinary, and custom services for livestock							
farms, 2022	102	278	136	221	112	240	304
2017	111	344	171	275	177	274	369
\$1,000, 2022	197	3,239	1,540	1,435	931	1,369	6,796
2017	281	2,687	927	839	1,249	2,638	4,307
All other production expenses							
farms, 2022	328	627	521	383	373	552	766
2017	279	531	396	278	350	383	679
\$1,000, 2022	6,560	14,773	12,283	3,217	8,109	7,535	13,107
2017	5,456	9,918	6,025	2,646	6,062	6,604	13,936
Production expenses paid by landlords ¹							
farms, 2022	34	40	78	16	41	38	65
2017	63	32	57	16	44	22	84
\$1,000, 2022	2,341	1,806	3,932	279	2,108	641	2,805
2017	2,884	918	1,614	221	1,736	509	2,338
Depreciation expenses claimed							
farms, 2022	259	562	469	341	338	476	645
2017	247	515	318	268	325	380	642
\$1,000, 2022	18,429	27,012	28,366	8,526	18,477	18,878	36,600
2017	9,194	24,912	13,197	8,385	11,385	16,453	24,214
Item	Osceola	Page	Palo Alto	Plymouth	Pocahontas	Polk	Pottawattamie
Total farm production expenses - Con.							
Medical supplies, veterinary, and custom services for livestock							
farms, 2022	196	198	162	481	138	221	332
2017	227	299	203	564	158	252	412
\$1,000, 2022	7,344	808	7,978	11,516	4,429	467	2,347
2017	4,749	939	3,452	11,499	2,012	488	2,496
All other production expenses							
farms, 2022	496	506	630	1,106	663	511	932
2017	455	443	527	895	531	423	661
\$1,000, 2022	16,970	7,802	18,160	25,796	14,922	6,611	19,357
2017	20,293	5,926	19,262	19,611	9,924	3,933	14,790
Production expenses paid by landlords ¹							
farms, 2022	53	64	71	88	122	67	132
2017	52	83	97	79	157	58	112
\$1,000, 2022	3,277	4,135	4,992	3,383	7,046	3,686	7,586
2017	2,344	5,219	3,760	2,126	6,030	2,104	4,015
Depreciation expenses claimed							
farms, 2022	397	437	596	962	570	445	837
2017	417	400	525	792	500	327	614
\$1,000, 2022	29,538	16,560	45,132	63,913	39,656	15,981	48,753
2017	24,512	10,296	24,160	33,045	27,550	7,573	32,293

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2022 and 2017 (continued)

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

Item	Poweshiek	Ringgold	Sac	Scott	Shelby	Sioux	Story
Total farm production expenses - Con.							
Medical supplies, veterinary, and custom services for livestock							
farms, 2022	259	263	237	192	234	814	250
2017	359	310	298	254	297	920	258
\$1,000, 2022	2,179	3,191	4,974	1,507	3,689	29,493	2,820
2017	3,056	2,016	3,337	1,559	2,919	19,944	1,088
All other production expenses							
farms, 2022	586	427	724	528	725	1,474	765
2017	512	337	636	431	623	1,283	547
\$1,000, 2022	15,353	5,891	14,285	9,736	13,808	38,618	12,872
2017	25,592	5,435	14,241	10,907	9,688	36,951	9,281
Production expenses paid by landlords ¹							
farms, 2022	34	40	52	18	47	95	73
2017	58	28	62	21	58	90	72
\$1,000, 2022	2,728	1,257	2,911	351	3,095	3,177	3,845
2017	2,687	489	3,261	533	3,253	1,577	2,208
Depreciation expenses claimed							
farms, 2022	538	354	649	465	651	1,315	699
2017	477	319	532	441	548	1,236	488
\$1,000, 2022	32,929	13,235	35,791	25,072	31,428	91,260	28,029
2017	22,584	10,524	29,128	17,289	18,975	66,598	16,782
Item	Tama	Taylor	Union	Van Buren	Wapello	Warren	Washington
Total farm production expenses - Con.							
Medical supplies, veterinary, and custom services for livestock							
farms, 2022	350	228	235	229	193	381	437
2017	395	302	351	287	262	408	517
\$1,000, 2022	3,938	1,742	4,380	2,947	1,087	1,113	17,057
2017	3,321	1,197	1,918	1,168	818	777	11,225
All other production expenses							
farms, 2022	835	418	384	381	437	791	878
2017	686	363	357	356	312	516	695
\$1,000, 2022	14,007	16,100	5,526	4,089	4,060	7,540	18,312
2017	10,250	4,843	5,387	6,904	3,725	3,354	27,748
Production expenses paid by landlords ¹							
farms, 2022	62	25	20	29	27	78	48
2017	41	32	22	23	25	50	51
\$1,000, 2022	2,610	1,364	2,079	1,334	351	3,381	1,853
2017	939	668	858	576	512	981	1,568
Depreciation expenses claimed							
farms, 2022	756	351	367	386	369	724	806
2017	623	330	352	337	353	521	630
\$1,000, 2022	28,653	15,363	17,474	9,707	12,769	23,691	48,710
2017	16,787	9,469	13,000	10,337	7,918	7,805	42,109
Item	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Total farm production expenses - Con.							
Medical supplies, veterinary, and custom services for livestock							
farms, 2022	288	159	65	516	302	91	128
2017	334	193	109	668	350	140	163
\$1,000, 2022	1,350	2,422	4,488	9,151	3,736	365	7,441
2017	1,317	2,022	1,573	5,558	2,748	384	4,791
All other production expenses							
farms, 2022	436	714	404	1,020	774	366	586
2017	338	573	382	865	667	344	469
\$1,000, 2022	4,675	14,420	8,739	17,371	17,302	7,002	22,277
2017	3,894	11,995	9,257	12,898	12,763	6,319	27,658
Production expenses paid by landlords ¹							
farms, 2022	41	86	27	35	68	20	63
2017	29	111	20	33	58	21	69
\$1,000, 2022	1,984	6,701	1,257	723	3,212	1,225	4,402
2017	878	7,863	657	468	2,732	767	3,976
Depreciation expenses claimed							
farms, 2022	402	592	389	959	656	339	550
2017	380	500	347	852	567	340	449
\$1,000, 2022	11,683	32,349	18,672	42,452	45,643	17,157	48,605
2017	9,478	19,164	18,028	28,551	22,371	13,278	31,371

¹ Landlord production expenses are included within total farm production expenses.