

Table 3. Farm Production Expenses: 2017 and 2012

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

Item	Iowa	Adair	Adams	Allamakee	Appanoose
Total farm production expensesfarms, 2017	86,104	738	509	997	675
2012	88,637	726	467	1,011	744
\$1,000, 2017	23,541,463	163,911	85,679	158,048	40,465
2012	23,711,880	162,930	87,183	172,647	44,241
Average per farmdollars, 2017	273,407	222,102	168,328	158,523	59,949
2012	267,517	224,421	186,688	170,769	59,464
Fertilizer, lime, and soil conditioners purchasedfarms, 2017	54,776	478	266	523	279
2012	56,317	473	265	521	342
\$1,000, 2017	1,845,469	16,306	7,959	12,441	5,186
2012	2,587,059	17,753	8,752	16,238	7,044
Chemicals purchasedfarms, 2017	53,632	491	293	519	217
2012	57,741	493	282	574	299
\$1,000, 2017	1,174,462	10,898	5,975	6,019	2,527
2012	1,152,179	10,427	5,573	7,315	2,595
Seeds, plants, vines, and trees purchasedfarms, 2017	49,744	446	234	452	189
2012	55,666	465	276	536	276
\$1,000, 2017	1,979,104	16,110	10,336	11,414	4,003
2012	1,966,439	16,056	9,061	12,322	4,204
Cover crop seed purchased (see text)farms, 2017	6,762	64	24	78	19
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	22,847	187	50	96	24
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leasedfarms, 2017	22,211	204	164	294	182
2012	24,040	216	153	332	169
\$1,000, 2017	4,211,863	22,063	12,122	19,387	2,485
2012	3,435,345	18,161	10,394	22,405	2,373
Breeding livestock purchased or leasedfarms, 2017	11,608	157	125	179	143
2012	12,791	169	114	214	134
\$1,000, 2017	263,390	2,244	1,347	2,863	1,402
2012	239,793	1,796	1,567	5,072	1,513
Other livestock and poultry purchased or leasedfarms, 2017	14,099	96	60	173	70
2012	15,123	90	58	178	55
\$1,000, 2017	3,948,473	19,819	10,775	16,524	1,083
2012	3,195,553	16,365	8,827	17,332	861
Feed purchasedfarms, 2017	36,879	400	254	529	362
2012	38,194	385	231	510	367
\$1,000, 2017	4,943,801	26,460	10,142	30,077	3,268
2012	5,377,863	26,093	16,919	38,045	5,073
Gasoline, fuels, and oils purchasedfarms, 2017	79,180	683	455	918	622
2012	81,746	668	431	940	685
\$1,000, 2017	715,877	6,004	3,228	6,640	2,162
2012	866,990	6,927	4,217	9,133	2,613
Utilitiesfarms, 2017	63,314	554	389	697	434
2012	63,853	512	361	704	439
\$1,000, 2017	367,631	3,164	1,616	3,470	1,138
2012	329,138	2,839	1,469	3,121	1,109
Repairs, supplies, and maintenance costsfarms, 2017	72,094	618	446	825	534
2012	73,361	588	391	842	574
\$1,000, 2017	1,083,223	9,321	4,900	10,711	3,337
2012	1,099,865	9,635	4,939	12,336	3,201
Hired farm laborfarms, 2017	26,203	220	151	236	95
2012	27,906	201	155	284	120
\$1,000, 2017	841,038	8,244	2,390	8,384	1,137
2012	697,719	7,110	3,132	7,559	1,639
Contract laborfarms, 2017	7,874	62	37	73	26
2012	6,634	69	22	57	34
\$1,000, 2017	138,355	747	371	1,481	330
2012	80,086	869	229	390	416
Customwork and custom haulingfarms, 2017	31,610	289	171	344	144
2012	32,495	265	187	371	212
\$1,000, 2017	486,338	3,814	1,341	6,481	1,309
2012	390,011	3,002	1,382	4,195	649
Cash rent for land, buildings, and grazing feesfarms, 2017	31,699	263	179	264	134
2012	35,423	263	169	304	163
\$1,000, 2017	2,815,798	17,503	12,083	13,981	4,033
2012	3,071,550	19,292	10,485	14,591	5,088
Rent and lease expenses for machinery, equipment, and farm share of vehiclesfarms, 2017	7,596	67	47	66	25
2012	7,599	77	45	50	30
\$1,000, 2017	132,517	1,490	559	745	99
2012	130,029	1,696	431	214	161
Interest expensefarms, 2017	42,296	360	237	508	303
2012	48,464	393	265	562	365
\$1,000, 2017	988,307	8,231	4,581	9,774	3,719
2012	928,806	7,702	3,986	9,303	3,771
Secured by real estatefarms, 2017	32,986	282	178	433	272
2012	37,667	312	203	460	328
\$1,000, 2017	682,043	6,184	3,333	7,611	2,727
2012	629,337	5,438	2,819	6,904	2,584
Not secured by real estatefarms, 2017	25,247	221	142	251	176
2012	29,547	235	177	333	180
\$1,000, 2017	306,265	2,047	1,248	2,164	992
2012	299,469	2,264	1,167	2,398	1,187
Property taxes paidfarms, 2017	79,926	676	476	962	664
2012	81,527	679	444	966	719
\$1,000, 2017	538,295	5,275	2,725	6,615	2,850
2012	437,312	3,890	2,304	4,439	2,114

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Audubon	Benton	Black Hawk	Boone	Bremer
Total farm production expenses farms, 2017	628	1,148	968	967	963
2012	622	1,215	924	938	982
\$1,000, 2017	226,645	279,897	223,882	181,842	190,520
2012	241,230	291,122	240,518	199,199	224,592
Average per farm dollars, 2017	360,900	243,812	231,283	188,047	197,840
2012	387,830	239,607	260,301	212,365	228,708
Fertilizer, lime, and soil conditioners purchased farms, 2017	353	794	608	546	613
2012	370	823	663	559	651
\$1,000, 2017	15,784	26,831	20,358	21,296	19,394
2012	21,242	38,585	31,500	32,245	31,522
Chemicals purchased farms, 2017	362	780	603	565	612
2012	394	854	671	579	656
\$1,000, 2017	10,708	17,537	12,497	11,646	10,435
2012	9,513	17,683	12,677	12,869	13,074
Seeds, plants, vines, and trees purchased farms, 2017	315	711	549	509	588
2012	360	829	661	532	653
\$1,000, 2017	18,081	29,721	22,484	23,791	20,083
2012	18,852	28,359	22,110	23,349	23,558
Cover crop seed purchased (see text) farms, 2017	60	109	90	57	50
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	132	253	359	166	101
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased farms, 2017	172	287	214	189	235
2012	190	310	247	178	242
\$1,000, 2017	47,678	29,801	23,434	14,533	24,980
2012	43,302	30,182	25,802	21,924	17,698
Breeding livestock purchased or leased farms, 2017	105	153	94	75	104
2012	83	177	118	81	105
\$1,000, 2017	1,393	2,502	1,626	807	469
2012	1,487	2,145	1,624	832	1,203
Other livestock and poultry purchased or leased farms, 2017	120	176	155	139	166
2012	137	188	162	125	170
\$1,000, 2017	46,284	27,299	21,808	13,726	24,511
2012	41,815	28,037	24,178	21,092	16,495
Feed purchased farms, 2017	229	442	350	354	355
2012	260	507	346	342	382
\$1,000, 2017	55,403	45,784	34,599	23,066	31,277
2012	57,813	40,844	44,686	25,249	40,758
Gasoline, fuels, and oils purchased farms, 2017	537	1,084	910	895	909
2012	562	1,141	858	851	931
\$1,000, 2017	5,279	8,330	8,715	5,965	6,829
2012	8,565	10,363	8,503	7,703	9,450
Utilities farms, 2017	447	866	660	630	707
2012	462	888	653	618	691
\$1,000, 2017	2,168	4,147	2,659	2,816	2,912
2012	2,913	3,706	2,305	2,673	2,808
Repairs, supplies, and maintenance costs farms, 2017	533	1,008	791	736	818
2012	520	1,042	775	705	832
\$1,000, 2017	8,311	14,254	11,429	10,853	10,039
2012	10,247	15,369	11,431	10,428	12,311
Hired farm labor farms, 2017	204	335	276	276	257
2012	218	371	295	286	317
\$1,000, 2017	5,335	9,877	10,684	7,985	3,929
2012	6,467	8,257	7,700	6,280	4,536
Contract labor farms, 2017	58	68	76	56	63
2012	76	103	62	50	49
\$1,000, 2017	437	1,596	944	457	902
2012	377	597	467	403	430
Customwork and custom hauling farms, 2017	247	469	362	314	335
2012	198	507	355	277	391
\$1,000, 2017	3,493	6,676	4,529	5,838	3,216
2012	2,482	7,388	5,092	2,890	3,263
Cash rent for land, buildings, and grazing fees farms, 2017	237	483	350	284	355
2012	268	576	456	323	421
\$1,000, 2017	29,990	46,333	39,252	29,271	28,853
2012	35,940	55,034	43,871	29,600	35,495
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2017	53	127	80	68	91
2012	51	135	94	65	51
\$1,000, 2017	1,167	2,558	1,698	801	915
2012	752	2,004	1,761	2,398	551
Interest expense farms, 2017	327	544	441	385	452
2012	362	687	478	424	527
\$1,000, 2017	8,781	12,598	11,350	8,714	9,926
2012	9,128	11,862	8,542	8,320	13,673
Secured by real estate farms, 2017	257	439	340	299	348
2012	291	508	358	321	419
\$1,000, 2017	5,220	8,972	7,514	6,536	7,423
2012	6,542	8,025	5,498	6,069	10,220
Not secured by real estate farms, 2017	188	317	268	223	276
2012	226	422	291	235	320
\$1,000, 2017	3,561	3,626	3,836	2,178	2,503
2012	2,586	3,838	3,043	2,250	3,453
Property taxes paid farms, 2017	587	1,039	893	899	900
2012	579	1,090	819	856	888
\$1,000, 2017	4,466	7,401	6,223	4,814	5,867
2012	3,959	6,362	4,673	4,076	5,393

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Buchanan	Buena Vista	Butler	Calhoun	Carroll
Total farm production expensesfarms, 2017	1,057	802	1,074	813	1,074
2012	1,075	858	1,096	826	1,065
\$1,000, 2017	282,694	406,368	256,557	250,238	459,067
2012	310,648	386,529	316,191	278,045	448,801
Average per farmdollars, 2017	267,450	506,693	238,880	307,796	427,437
2012	288,975	450,500	288,495	336,616	421,410
Fertilizer, lime, and soil conditioners purchasedfarms, 2017	715	598	574	556	785
2012	753	638	676	558	798
\$1,000, 2017	22,679	22,709	24,530	23,105	23,583
2012	41,049	32,000	33,563	35,096	35,420
Chemicals purchasedfarms, 2017	678	602	570	541	765
2012	738	642	685	577	821
\$1,000, 2017	15,684	15,097	16,456	13,059	13,006
2012	15,844	14,935	15,920	13,841	13,033
Seeds, plants, vines, and trees purchasedfarms, 2017	636	579	533	518	681
2012	771	636	652	561	774
\$1,000, 2017	26,857	25,802	26,823	24,205	23,789
2012	29,350	24,819	27,003	26,479	26,991
Cover crop seed purchased (see text)farms, 2017	85	69	81	32	90
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	143	538	238	138	341
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leasedfarms, 2017	297	204	244	148	335
2012	347	248	252	202	381
\$1,000, 2017	36,645	86,163	24,181	35,299	140,893
2012	36,265	64,027	38,725	42,842	123,429
Breeding livestock purchased or leasedfarms, 2017	123	78	120	59	143
2012	161	81	112	72	136
\$1,000, 2017	3,146	1,192	2,034	794	12,986
2012	1,574	1,165	1,352	1,154	3,004
Other livestock and poultry purchased or leasedfarms, 2017	212	162	163	113	242
2012	259	194	171	161	289
\$1,000, 2017	33,499	84,970	22,147	34,505	127,907
2012	34,691	62,862	37,372	41,689	120,425
Feed purchasedfarms, 2017	489	282	411	242	454
2012	527	332	423	259	495
\$1,000, 2017	56,549	127,801	41,245	55,056	136,676
2012	61,384	133,302	79,661	61,079	124,081
Gasoline, fuels, and oils purchasedfarms, 2017	986	715	974	712	974
2012	1,012	789	1,020	713	989
\$1,000, 2017	11,140	10,781	7,650	7,320	9,308
2012	12,706	11,612	10,184	10,351	12,168
Utilitiesfarms, 2017	789	654	724	586	905
2012	812	663	765	609	852
\$1,000, 2017	4,682	6,456	4,771	3,523	5,081
2012	4,881	4,428	4,598	3,415	5,117
Repairs, supplies, and maintenance costsfarms, 2017	889	675	902	619	953
2012	936	722	910	644	920
\$1,000, 2017	13,194	14,322	12,306	11,655	13,665
2012	15,454	13,428	13,226	12,233	15,350
Hired farm laborfarms, 2017	357	328	327	259	384
2012	357	327	343	327	411
\$1,000, 2017	12,850	10,047	12,281	7,951	9,471
2012	7,861	8,880	9,713	6,067	9,708
Contract laborfarms, 2017	111	112	106	62	152
2012	85	77	81	70	65
\$1,000, 2017	1,774	2,516	1,081	934	2,045
2012	679	1,009	2,060	479	636
Customwork and custom haulingfarms, 2017	423	369	355	248	427
2012	444	361	405	331	437
\$1,000, 2017	6,321	8,230	4,957	3,545	7,556
2012	3,616	6,553	4,168	4,876	6,483
Cash rent for land, buildings, and grazing feesfarms, 2017	426	393	379	346	440
2012	494	435	464	372	517
\$1,000, 2017	36,536	32,838	42,836	32,378	30,953
2012	44,883	36,351	45,344	34,905	39,965
Rent and lease expenses for machinery, equipment, and farm share of vehiclesfarms, 2017	128	106	68	68	108
2012	119	103	94	88	109
\$1,000, 2017	2,465	1,861	1,414	1,255	1,314
2012	3,036	1,369	1,832	1,557	778
Interest expensefarms, 2017	564	446	496	391	600
2012	674	498	597	471	609
\$1,000, 2017	13,725	9,727	14,856	9,801	14,417
2012	14,533	10,973	12,003	8,716	13,614
Secured by real estatefarms, 2017	449	331	413	263	483
2012	529	364	478	345	478
\$1,000, 2017	9,403	5,840	10,350	6,616	10,047
2012	9,878	6,914	7,889	6,104	10,174
Not secured by real estatefarms, 2017	333	279	299	267	311
2012	447	324	365	295	358
\$1,000, 2017	4,323	3,887	4,506	3,185	4,371
2012	4,655	4,059	4,113	2,612	3,439
Property taxes paidfarms, 2017	982	724	1,003	704	1,006
2012	987	774	1,013	746	966
\$1,000, 2017	5,879	5,373	6,308	5,083	5,351
2012	6,349	4,341	5,453	4,183	5,014

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw
Total farm production expenses farms, 2017	643	933	760	863	973
2012	703	955	780	805	1,036
\$1,000, 2017	166,538	262,170	198,630	305,010	252,058
2012	188,885	235,816	192,907	280,749	283,264
Average per farm dollars, 2017	259,002	280,997	261,356	353,430	259,053
2012	268,684	246,928	247,317	348,756	273,421
Fertilizer, lime, and soil conditioners purchased farms, 2017	452	642	517	691	631
2012	442	571	508	639	647
\$1,000, 2017	12,313	22,601	23,061	19,184	21,022
2012	16,697	30,355	33,142	26,918	30,881
Chemicals purchased farms, 2017	435	614	506	696	603
2012	458	589	537	674	673
\$1,000, 2017	9,222	16,341	14,177	12,974	15,115
2012	9,200	15,220	11,898	12,304	15,157
Seeds, plants, vines, and trees purchased farms, 2017	414	555	473	632	581
2012	422	557	514	642	680
\$1,000, 2017	16,560	22,484	26,000	22,809	23,202
2012	16,255	21,904	24,529	23,122	22,506
Cover crop seed purchased (see text) farms, 2017	88	103	13	64	77
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	121	289	45	174	349
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased farms, 2017	171	256	96	274	216
2012	197	276	135	293	258
\$1,000, 2017	29,424	38,204	14,257	70,428	50,464
2012	26,079	26,389	12,833	47,047	50,764
Breeding livestock purchased or leased farms, 2017	108	155	45	123	91
2012	139	163	56	161	104
\$1,000, 2017	1,001	2,232	387	2,071	2,681
2012	1,973	2,269	402	1,676	1,832
Other livestock and poultry purchased or leased farms, 2017	95	157	61	184	170
2012	107	170	98	179	192
\$1,000, 2017	28,423	35,972	13,870	68,357	47,782
2012	24,106	24,120	12,431	45,371	48,932
Feed purchased farms, 2017	285	420	219	412	381
2012	346	435	215	403	406
\$1,000, 2017	26,946	46,495	26,270	70,047	46,988
2012	44,525	34,616	19,816	65,983	60,401
Gasoline, fuels, and oils purchased farms, 2017	579	881	695	784	907
2012	662	903	718	739	976
\$1,000, 2017	5,598	9,096	6,640	8,473	7,349
2012	6,620	10,105	8,038	9,300	9,936
Utilities farms, 2017	488	700	542	703	740
2012	539	697	558	676	736
\$1,000, 2017	2,615	3,598	2,850	4,596	4,162
2012	2,343	3,551	2,011	4,506	4,073
Repairs, supplies, and maintenance costs farms, 2017	550	779	650	748	809
2012	584	801	620	713	871
\$1,000, 2017	8,977	11,378	8,055	12,230	12,474
2012	9,595	10,878	8,565	10,954	15,023
Hired farm labor farms, 2017	191	291	275	294	262
2012	236	303	255	304	327
\$1,000, 2017	8,611	7,838	7,000	6,224	5,054
2012	5,740	6,808	3,451	5,762	5,863
Contract labor farms, 2017	42	61	55	102	91
2012	57	56	40	80	69
\$1,000, 2017	519	1,361	871	1,274	722
2012	299	557	325	750	3,288
Customwork and custom hauling farms, 2017	269	352	278	420	353
2012	242	320	242	392	355
\$1,000, 2017	3,852	5,661	4,318	6,479	3,605
2012	3,223	3,819	3,182	4,896	4,562
Cash rent for land, buildings, and grazing fees farms, 2017	249	361	353	458	349
2012	300	377	377	473	422
\$1,000, 2017	21,073	43,470	39,950	34,717	31,979
2012	25,770	42,966	43,068	40,236	32,591
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2017	53	62	76	83	108
2012	42	80	70	108	88
\$1,000, 2017	505	1,728	2,537	1,098	1,139
2012	524	1,301	1,771	862	735
Interest expense farms, 2017	330	448	360	495	536
2012	419	497	420	524	649
\$1,000, 2017	8,402	10,526	9,003	14,555	11,156
2012	6,825	10,157	7,471	12,112	11,629
Secured by real estate farms, 2017	252	333	216	387	426
2012	321	358	298	388	511
\$1,000, 2017	5,983	7,564	5,121	10,557	8,490
2012	4,258	6,386	4,659	7,339	8,365
Not secured by real estate farms, 2017	218	259	265	297	318
2012	266	311	296	384	378
\$1,000, 2017	2,419	2,962	3,882	3,998	2,666
2012	2,567	3,772	2,812	4,773	3,264
Property taxes paid farms, 2017	587	846	688	778	898
2012	633	888	709	706	965
\$1,000, 2017	4,713	6,384	4,602	5,749	5,510
2012	3,823	5,347	3,589	3,720	4,609

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Clarke	Clay	Clayton	Clinton	Crawford
Total farm production expensesfarms, 2017	624	716	1,525	1,169	915
2012	627	720	1,577	1,244	900
\$1,000, 2017	115,913	273,578	284,535	282,716	322,849
2012	92,866	277,978	309,160	305,159	334,262
Average per farmdollars, 2017	185,758	382,092	186,580	241,844	352,841
2012	148,112	386,080	196,043	245,305	371,403
Fertilizer, lime, and soil conditioners purchasedfarms, 2017	273	491	835	808	636
2012	296	521	864	894	674
\$1,000, 2017	3,981	23,302	23,282	30,207	30,499
2012	6,356	29,798	33,310	44,375	44,804
Chemicals purchasedfarms, 2017	264	499	812	798	625
2012	293	540	896	916	681
\$1,000, 2017	3,050	13,765	11,372	22,812	16,346
2012	2,575	12,028	12,669	20,624	16,847
Seeds, plants, vines, and trees purchasedfarms, 2017	237	462	739	767	574
2012	288	515	850	853	654
\$1,000, 2017	3,840	23,620	23,048	30,202	29,220
2012	4,165	23,855	22,011	31,144	30,026
Cover crop seed purchased (see text)farms, 2017	46	39	170	111	93
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	38	255	328	286	366
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leasedfarms, 2017	195	138	410	339	227
2012	164	178	463	399	321
\$1,000, 2017	25,184	51,674	41,566	45,250	51,571
2012	6,904	48,764	39,757	47,498	42,691
Breeding livestock purchased or leasedfarms, 2017	145	43	251	160	148
2012	121	79	268	221	192
\$1,000, 2017	1,786	4,130	5,019	1,674	3,267
2012	1,540	5,557	4,707	3,155	3,686
Other livestock and poultry purchased or leasedfarms, 2017	88	108	224	232	122
2012	77	130	271	241	178
\$1,000, 2017	23,398	47,544	36,546	43,576	48,304
2012	5,363	43,207	35,050	44,343	39,005
Feed purchasedfarms, 2017	312	257	763	560	412
2012	333	272	791	610	472
\$1,000, 2017	29,934	62,761	66,195	24,218	52,230
2012	34,679	62,610	81,912	29,840	63,510
Gasoline, fuels, and oils purchasedfarms, 2017	568	653	1,426	1,091	842
2012	581	658	1,462	1,177	859
\$1,000, 2017	4,144	6,331	11,509	10,014	17,837
2012	2,991	8,457	15,287	13,465	13,642
Utilitiesfarms, 2017	415	508	1,119	949	696
2012	402	547	1,097	923	711
\$1,000, 2017	2,909	4,268	5,421	4,223	5,244
2012	2,243	3,574	5,176	3,688	4,082
Repairs, supplies, and maintenance costsfarms, 2017	503	553	1,282	1,040	753
2012	489	608	1,304	1,064	786
\$1,000, 2017	5,411	9,196	17,494	14,435	12,163
2012	4,948	11,336	15,968	16,637	13,810
Hired farm laborfarms, 2017	108	225	390	401	290
2012	127	236	448	414	325
\$1,000, 2017	7,936	9,798	9,187	7,870	9,658
2012	3,473	10,702	10,350	5,851	7,445
Contract laborfarms, 2017	38	80	114	58	108
2012	46	68	62	52	103
\$1,000, 2017	522	2,416	2,012	551	1,417
2012	260	4,324	540	452	766
Customwork and custom haulingfarms, 2017	176	283	547	471	371
2012	179	274	578	470	387
\$1,000, 2017	3,454	4,529	6,850	6,547	7,408
2012	2,325	4,134	5,953	4,714	5,165
Cash rent for land, buildings, and grazing feesfarms, 2017	137	308	467	536	405
2012	152	317	444	651	459
\$1,000, 2017	4,672	37,534	28,805	48,474	47,024
2012	6,891	32,539	28,678	50,007	55,585
Rent and lease expenses for machinery, equipment, and farm share of vehiclesfarms, 2017	36	59	149	121	89
2012	32	58	115	155	90
\$1,000, 2017	471	673	910	2,268	2,547
2012	294	932	1,207	2,253	2,242
Interest expensefarms, 2017	274	349	740	664	480
2012	295	402	855	750	535
\$1,000, 2017	5,205	7,586	13,797	15,101	14,068
2012	3,802	7,310	15,091	14,637	11,675
Secured by real estatefarms, 2017	227	245	603	503	380
2012	241	277	692	578	427
\$1,000, 2017	3,935	4,297	10,573	11,339	9,366
2012	2,701	4,393	10,826	9,702	7,581
Not secured by real estatefarms, 2017	146	236	374	384	289
2012	174	265	495	503	347
\$1,000, 2017	1,270	3,290	3,224	3,762	4,702
2012	1,100	2,917	4,265	4,935	4,095
Property taxes paidfarms, 2017	604	651	1,439	1,086	826
2012	602	662	1,495	1,114	810
\$1,000, 2017	3,653	4,638	8,069	7,527	7,093
2012	2,114	4,048	7,141	6,528	6,185

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Dallas	Davis	Decatur	Delaware	Des Moines
Total farm production expenses farms, 2017	924	826	659	1,331	593
2012	1,001	917	711	1,382	663
\$1,000, 2017	192,277	84,800	98,094	423,403	87,023
2012	189,080	100,569	89,545	395,712	84,918
Average per farm dollars, 2017	208,092	102,664	148,853	318,109	146,751
2012	188,891	109,672	125,943	286,333	128,082
Fertilizer, lime, and soil conditioners purchased farms, 2017	564	442	305	931	376
2012	590	475	317	970	401
\$1,000, 2017	18,464	5,467	5,127	30,662	12,798
2012	27,105	10,844	8,197	41,229	13,466
Chemicals purchased farms, 2017	588	273	249	902	372
2012	622	394	280	962	400
\$1,000, 2017	10,677	3,198	2,694	15,611	7,533
2012	9,094	4,000	2,735	15,217	7,697
Seeds, plants, vines, and trees purchased farms, 2017	531	306	247	858	350
2012	571	453	299	965	403
\$1,000, 2017	20,732	4,901	5,466	30,123	11,662
2012	19,746	6,918	4,985	27,731	10,047
Cover crop seed purchased (see text) farms, 2017	69	107	41	151	42
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	236	172	80	230	66
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased farms, 2017	158	280	168	510	80
2012	207	258	198	562	99
\$1,000, 2017	25,166	9,545	25,668	113,783	4,754
2012	14,637	9,371	22,303	78,857	5,089
Breeding livestock purchased or leased farms, 2017	78	202	138	229	53
2012	139	176	130	251	53
\$1,000, 2017	5,037	3,015	7,498	2,488	490
2012	2,278	1,763	3,094	3,154	550
Other livestock and poultry purchased or leased farms, 2017	107	143	69	355	45
2012	100	123	100	410	61
\$1,000, 2017	20,129	6,530	18,170	111,295	4,264
2012	12,359	7,607	19,209	75,703	4,539
Feed purchased farms, 2017	322	554	356	740	179
2012	389	524	361	795	196
\$1,000, 2017	25,343	24,650	22,145	93,390	8,027
2012	28,817	31,537	19,486	85,711	8,524
Gasoline, fuels, and oils purchased farms, 2017	844	754	595	1,269	548
2012	877	837	648	1,315	584
\$1,000, 2017	6,195	2,773	3,237	13,086	4,349
2012	6,902	3,740	3,694	15,854	3,864
Utilities farms, 2017	608	617	465	1,066	406
2012	649	638	446	1,109	398
\$1,000, 2017	2,645	2,531	1,821	6,034	1,561
2012	2,392	2,074	1,597	5,737	1,303
Repairs, supplies, and maintenance costs farms, 2017	729	709	539	1,172	464
2012	766	732	534	1,218	499
\$1,000, 2017	7,897	5,390	4,318	19,879	5,382
2012	9,741	6,638	4,161	22,074	4,648
Hired farm labor farms, 2017	298	161	143	471	152
2012	310	194	170	467	152
\$1,000, 2017	12,990	2,461	4,771	9,876	2,812
2012	12,328	2,506	3,511	8,427	1,890
Contract labor farms, 2017	88	69	55	120	33
2012	73	59	65	100	47
\$1,000, 2017	2,135	741	528	1,534	182
2012	482	440	346	755	434
Customwork and custom hauling farms, 2017	320	259	205	555	244
2012	333	300	237	590	196
\$1,000, 2017	7,909	1,693	2,144	8,240	2,365
2012	3,702	1,963	2,122	5,703	1,999
Cash rent for land, buildings, and grazing fees farms, 2017	270	181	147	468	202
2012	298	199	165	569	208
\$1,000, 2017	27,697	5,077	6,180	29,641	14,813
2012	30,142	6,192	4,806	35,307	14,172
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2017	75	61	57	119	35
2012	82	45	34	153	59
\$1,000, 2017	2,238	691	472	1,633	818
2012	1,565	1,574	589	1,928	1,383
Interest expense farms, 2017	358	443	310	789	248
2012	474	449	338	879	308
\$1,000, 2017	8,166	5,797	5,749	21,890	3,207
2012	7,058	4,744	4,267	20,673	4,023
Secured by real estate farms, 2017	274	370	276	649	169
2012	335	387	271	756	232
\$1,000, 2017	5,623	4,582	4,193	15,911	2,305
2012	4,222	3,679	3,112	14,767	3,010
Not secured by real estate farms, 2017	212	257	150	466	156
2012	305	241	205	519	171
\$1,000, 2017	2,543	1,216	1,556	5,979	902
2012	2,835	1,065	1,155	5,906	1,013
Property taxes paid farms, 2017	861	799	621	1,265	555
2012	912	885	685	1,290	612
\$1,000, 2017	4,900	3,661	3,421	9,292	3,168
2012	4,243	2,897	2,366	7,305	2,970

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Dickinson	Dubuque	Emmet	Fayette	Floyd
Total farm production expensesfarms, 2017	411	1,402	488	1,265	917
2012	441	1,462	475	1,286	944
\$1,000, 2017	138,042	350,245	197,483	299,289	229,654
2012	129,789	317,397	223,043	333,255	216,505
Average per farmdollars, 2017	335,869	249,818	404,678	236,592	250,441
2012	294,306	217,098	469,564	259,141	229,348
Fertilizer, lime, and soil conditioners purchasedfarms, 2017	273	977	345	765	550
2012	307	992	326	782	580
\$1,000, 2017	11,413	22,496	17,380	23,144	19,041
2012	17,780	24,996	19,950	35,840	31,413
Chemicals purchasedfarms, 2017	283	917	351	764	567
2012	333	1,017	340	797	599
\$1,000, 2017	8,201	12,949	8,424	15,203	12,677
2012	7,172	9,803	7,676	14,798	11,698
Seeds, plants, vines, and trees purchasedfarms, 2017	265	802	330	688	540
2012	304	965	323	776	568
\$1,000, 2017	14,169	20,912	16,361	25,765	23,428
2012	13,650	17,322	16,599	25,461	23,670
Cover crop seed purchased (see text)farms, 2017	12	196	17	92	75
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	33	799	88	217	243
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leasedfarms, 2017	71	477	97	309	218
2012	78	587	139	332	202
\$1,000, 2017	24,533	107,026	33,884	39,481	38,201
2012	18,606	89,523	40,157	50,095	27,367
Breeding livestock purchased or leasedfarms, 2017	41	242	47	166	92
2012	40	315	75	152	81
\$1,000, 2017	629	5,410	1,862	2,434	2,355
2012	415	6,365	1,326	2,418	1,202
Other livestock and poultry purchased or leasedfarms, 2017	43	303	68	194	153
2012	48	390	81	224	155
\$1,000, 2017	23,904	101,616	32,022	37,046	35,846
2012	18,190	83,158	38,831	47,677	26,165
Feed purchasedfarms, 2017	130	797	163	497	306
2012	131	874	187	507	331
\$1,000, 2017	21,016	63,075	50,885	63,216	32,634
2012	19,946	75,756	67,009	82,019	31,389
Gasoline, fuels, and oils purchasedfarms, 2017	377	1,367	429	1,167	859
2012	393	1,409	429	1,151	852
\$1,000, 2017	6,044	10,411	5,602	10,689	7,115
2012	6,198	12,893	6,324	11,633	8,164
Utilitiesfarms, 2017	292	1,094	397	914	668
2012	333	1,114	357	905	631
\$1,000, 2017	2,045	5,616	2,791	5,738	3,756
2012	1,718	5,030	3,227	4,652	2,762
Repairs, supplies, and maintenance costsfarms, 2017	330	1,258	403	1,059	758
2012	376	1,288	402	1,028	758
\$1,000, 2017	6,045	19,892	8,364	17,642	11,057
2012	6,474	16,823	8,916	15,984	9,881
Hired farm laborfarms, 2017	144	404	198	393	274
2012	155	468	196	396	288
\$1,000, 2017	4,471	8,479	5,615	13,340	10,547
2012	3,428	6,472	5,743	10,922	5,736
Contract laborfarms, 2017	41	98	64	78	84
2012	41	66	42	95	53
\$1,000, 2017	421	1,462	977	1,990	1,861
2012	189	751	673	855	714
Customwork and custom haulingfarms, 2017	162	577	161	483	324
2012	176	658	193	459	287
\$1,000, 2017	2,394	10,902	2,104	6,549	5,489
2012	2,382	5,185	2,890	4,279	2,482
Cash rent for land, buildings, and grazing feesfarms, 2017	177	486	245	441	345
2012	204	535	223	496	358
\$1,000, 2017	20,442	25,462	21,911	36,681	30,224
2012	19,118	19,354	22,576	35,983	35,074
Rent and lease expenses for machinery, equipment, and farm share of vehiclesfarms, 2017	45	91	52	128	98
2012	42	146	38	112	81
\$1,000, 2017	1,127	1,250	742	964	1,900
2012	1,494	1,140	692	2,889	2,009
Interest expensefarms, 2017	211	662	268	623	475
2012	251	800	303	694	499
\$1,000, 2017	5,792	15,375	8,349	13,704	11,839
2012	4,702	13,565	7,522	14,822	9,400
Secured by real estatefarms, 2017	161	535	210	472	385
2012	185	635	228	562	387
\$1,000, 2017	4,070	11,707	5,810	8,972	8,928
2012	3,399	9,513	4,597	11,271	6,564
Not secured by real estatefarms, 2017	125	377	174	387	312
2012	163	474	176	445	298
\$1,000, 2017	1,722	3,668	2,539	4,731	2,911
2012	1,303	4,052	2,925	3,551	2,836
Property taxes paidfarms, 2017	379	1,282	433	1,183	860
2012	405	1,351	427	1,187	880
\$1,000, 2017	2,612	8,183	3,811	7,930	5,277
2012	1,851	6,111	2,929	6,854	4,417

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Franklin	Fremont	Greene	Grundy	Guthrie
Total farm production expenses farms, 2017	835	527	700	760	802
2012	853	533	780	737	829
\$1,000, 2017	319,976	115,618	246,845	225,148	179,698
2012	345,471	124,450	243,404	260,885	202,766
Average per farm dollars, 2017	383,205	219,389	352,635	296,248	224,062
2012	405,007	233,489	312,057	353,982	244,591
Fertilizer, lime, and soil conditioners purchased farms, 2017	512	380	495	502	458
2012	580	351	534	483	468
\$1,000, 2017	24,713	15,851	23,799	22,599	14,135
2012	37,140	20,720	32,363	30,923	19,700
Chemicals purchased farms, 2017	503	382	493	500	486
2012	607	355	542	516	515
\$1,000, 2017	15,439	11,237	14,215	17,742	9,943
2012	15,304	11,599	14,414	18,793	9,608
Seeds, plants, vines, and trees purchased farms, 2017	496	352	480	475	430
2012	570	359	534	501	478
\$1,000, 2017	28,034	17,832	26,337	22,144	15,288
2012	27,329	16,506	26,133	25,115	15,409
Cover crop seed purchased (see text) farms, 2017	38	35	54	68	61
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	170	111	705	457	134
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased farms, 2017	209	81	157	173	154
2012	205	74	180	173	206
\$1,000, 2017	56,945	8,051	43,555	21,076	24,003
2012	43,082	5,194	28,581	23,383	23,740
Breeding livestock purchased or leased farms, 2017	74	52	58	73	117
2012	59	53	84	88	140
\$1,000, 2017	851	574	1,150	993	2,134
2012	809	780	1,437	1,473	2,525
Other livestock and poultry purchased or leased farms, 2017	163	43	125	122	57
2012	161	30	121	123	94
\$1,000, 2017	56,094	7,477	42,406	20,083	21,869
2012	42,273	4,414	27,145	21,910	21,214
Feed purchased farms, 2017	289	164	240	275	321
2012	307	143	261	263	338
\$1,000, 2017	69,245	6,641	39,274	29,522	36,472
2012	98,104	6,500	40,944	37,167	54,149
Gasoline, fuels, and oils purchased farms, 2017	735	471	639	697	724
2012	782	488	693	657	750
\$1,000, 2017	9,012	4,434	6,316	7,617	5,842
2012	9,634	7,143	8,974	9,407	6,957
Utilities farms, 2017	589	354	520	584	567
2012	656	359	572	556	583
\$1,000, 2017	4,087	1,431	3,077	2,729	3,077
2012	4,437	1,447	2,814	2,406	3,108
Repairs, supplies, and maintenance costs farms, 2017	626	423	573	651	680
2012	702	434	621	634	669
\$1,000, 2017	14,400	6,387	11,758	10,272	10,127
2012	13,008	9,028	13,247	11,581	11,161
Hired farm labor farms, 2017	257	191	274	266	209
2012	296	199	290	240	242
\$1,000, 2017	7,358	6,679	8,818	9,303	8,331
2012	7,286	6,097	6,693	7,763	7,028
Contract labor farms, 2017	110	45	66	80	70
2012	101	37	77	49	100
\$1,000, 2017	2,620	279	1,194	1,066	442
2012	1,554	329	571	760	602
Customwork and custom hauling farms, 2017	342	191	282	318	247
2012	382	192	288	269	236
\$1,000, 2017	7,911	2,101	6,183	6,502	3,135
2012	5,233	2,118	6,392	9,266	2,357
Cash rent for land, buildings, and grazing fees farms, 2017	341	163	293	372	253
2012	429	200	352	395	288
\$1,000, 2017	47,393	18,314	32,952	44,926	19,336
2012	52,803	21,976	35,270	55,726	25,616
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2017	84	38	93	60	54
2012	81	57	79	72	68
\$1,000, 2017	1,970	803	1,295	1,355	874
2012	1,859	1,057	2,650	1,305	907
Interest expense farms, 2017	433	254	388	421	438
2012	463	271	454	449	441
\$1,000, 2017	10,523	5,161	8,200	10,860	10,949
2012	8,945	4,582	9,502	10,641	8,358
Secured by real estate farms, 2017	335	200	262	302	368
2012	329	189	340	325	365
\$1,000, 2017	6,583	3,482	5,911	6,844	8,575
2012	5,878	2,977	6,275	7,463	5,917
Not secured by real estate farms, 2017	263	136	250	302	262
2012	322	158	271	313	255
\$1,000, 2017	3,940	1,678	2,289	4,016	2,374
2012	3,067	1,605	3,227	3,178	2,442
Property taxes paid farms, 2017	781	492	649	696	775
2012	756	482	721	672	793
\$1,000, 2017	5,479	4,154	5,352	4,554	5,894
2012	4,620	3,018	4,456	4,713	3,668

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Hamilton	Hancock	Hardin	Harrison	Henry
Total farm production expensesfarms, 2017	732	801	837	794	908
2012	761	889	819	819	903
\$1,000, 2017	466,023	344,933	384,956	184,092	138,102
2012	426,824	355,563	381,236	205,061	125,888
Average per farmdollars, 2017	636,644	430,628	459,923	231,854	152,094
2012	560,873	399,959	465,490	250,379	139,410
Fertilizer, lime, and soil conditioners purchasedfarms, 2017	432	552	567	540	501
2012	472	623	574	573	464
\$1,000, 2017	21,802	27,671	24,005	23,433	12,989
2012	30,417	38,664	31,093	39,016	15,977
Chemicals purchasedfarms, 2017	446	552	559	517	492
2012	487	641	579	579	471
\$1,000, 2017	13,057	16,461	13,862	15,848	9,315
2012	14,089	14,989	13,233	14,352	9,091
Seeds, plants, vines, and trees purchasedfarms, 2017	414	524	538	478	462
2012	473	627	557	557	472
\$1,000, 2017	24,365	27,477	25,973	25,357	14,304
2012	25,888	28,565	24,918	27,589	11,545
Cover crop seed purchased (see text)farms, 2017	21	26	61	46	78
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	173	94	290	73	143
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leasedfarms, 2017	157	155	189	146	187
2012	164	175	227	172	219
\$1,000, 2017	93,289	46,138	82,795	9,320	16,274
2012	53,230	40,355	55,693	10,995	10,392
Breeding livestock purchased or leasedfarms, 2017	49	49	96	117	105
2012	63	51	112	120	113
\$1,000, 2017	1,577	1,617	6,977	1,807	1,288
2012	6,921	2,627	3,046	3,119	1,261
Other livestock and poultry purchased or leasedfarms, 2017	121	120	131	66	116
2012	119	138	155	93	139
\$1,000, 2017	91,691	44,520	75,818	7,513	14,987
2012	46,309	37,727	52,648	7,875	9,131
Feed purchasedfarms, 2017	243	204	329	256	342
2012	256	259	327	262	340
\$1,000, 2017	177,063	99,830	105,493	14,331	29,211
2012	161,585	103,835	126,286	13,314	25,635
Gasoline, fuels, and oils purchasedfarms, 2017	645	734	746	709	799
2012	679	792	730	756	822
\$1,000, 2017	10,257	9,072	9,210	8,218	4,672
2012	12,611	10,274	10,562	11,008	5,920
Utilitiesfarms, 2017	508	619	581	543	550
2012	580	637	579	602	547
\$1,000, 2017	6,398	5,407	7,483	3,430	2,647
2012	6,394	4,716	5,258	3,154	2,020
Repairs, supplies, and maintenance costsfarms, 2017	612	664	685	643	713
2012	631	730	662	669	706
\$1,000, 2017	13,017	14,362	14,267	9,672	7,316
2012	15,291	13,151	13,958	10,694	6,549
Hired farm laborfarms, 2017	248	282	288	251	222
2012	255	338	297	249	209
\$1,000, 2017	18,457	14,664	13,900	7,469	3,791
2012	15,658	11,292	10,639	4,904	3,205
Contract laborfarms, 2017	111	84	112	54	77
2012	52	75	74	86	65
\$1,000, 2017	4,462	2,669	2,764	415	1,139
2012	758	752	1,028	603	329
Customwork and custom haulingfarms, 2017	257	313	379	262	270
2012	279	326	325	294	251
\$1,000, 2017	8,749	4,678	7,526	4,628	2,638
2012	5,019	4,042	6,000	4,047	2,009
Cash rent for land, buildings, and grazing feesfarms, 2017	292	382	389	266	229
2012	334	451	395	348	246
\$1,000, 2017	34,313	41,986	42,510	28,751	14,800
2012	47,505	45,052	49,661	39,242	15,530
Rent and lease expenses for machinery, equipment, and farm share of vehiclesfarms, 2017	84	118	65	57	76
2012	72	95	73	68	72
\$1,000, 2017	4,008	2,361	1,100	1,226	1,198
2012	2,861	1,983	904	1,507	817
Interest expensefarms, 2017	386	419	420	378	377
2012	449	510	507	484	436
\$1,000, 2017	12,295	12,034	13,060	11,449	6,532
2012	11,211	16,116	12,039	10,719	7,238
Secured by real estatefarms, 2017	293	309	302	296	310
2012	339	376	379	399	378
\$1,000, 2017	8,112	7,428	7,263	7,224	4,744
2012	6,781	11,007	8,044	7,275	5,295
Not secured by real estatefarms, 2017	252	296	284	231	191
2012	261	306	316	289	236
\$1,000, 2017	4,183	4,605	5,797	4,224	1,789
2012	4,430	5,108	3,994	3,444	1,943
Property taxes paidfarms, 2017	674	725	745	747	856
2012	702	775	744	760	853
\$1,000, 2017	4,900	4,667	5,144	6,540	5,127
2012	4,893	4,396	4,592	5,048	4,155

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Howard	Humboldt	Ida	Iowa	Jackson
Total farm production expenses farms, 2017	879	572	525	970	1,107
2012	883	574	547	1,019	1,255
\$1,000, 2017	235,227	140,142	187,294	189,877	218,676
2012	246,056	163,136	230,773	210,762	205,668
Average per farm dollars, 2017	267,607	245,003	356,750	195,750	197,539
2012	278,659	284,209	421,888	206,832	163,879
Fertilizer, lime, and soil conditioners purchased farms, 2017	530	405	360	598	675
2012	560	395	379	603	745
\$1,000, 2017	19,116	16,655	17,201	17,565	18,218
2012	30,375	23,696	23,706	23,919	21,261
Chemicals purchased farms, 2017	515	409	363	576	648
2012	580	405	409	621	762
\$1,000, 2017	10,999	11,380	11,149	11,739	9,026
2012	11,322	9,170	13,219	11,054	10,316
Seeds, plants, vines, and trees purchased farms, 2017	515	385	323	517	579
2012	573	398	369	557	689
\$1,000, 2017	22,110	17,137	17,468	18,805	15,711
2012	21,302	16,315	19,087	20,837	13,977
Cover crop seed purchased (see text) farms, 2017	80	24	41	125	104
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	426	236	132	331	162
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased farms, 2017	212	93	157	294	404
2012	253	101	180	278	448
\$1,000, 2017	33,476	12,513	33,563	24,587	71,061
2012	26,358	16,427	30,639	24,392	51,256
Breeding livestock purchased or leased farms, 2017	85	48	94	187	259
2012	94	45	100	179	300
\$1,000, 2017	2,837	875	1,868	3,991	3,448
2012	1,144	934	1,251	4,709	2,773
Other livestock and poultry purchased or leased farms, 2017	151	54	83	188	226
2012	199	71	114	158	240
\$1,000, 2017	30,639	11,637	31,696	20,596	67,614
2012	25,214	15,493	29,389	19,683	48,483
Feed purchased farms, 2017	342	158	229	476	675
2012	362	152	250	472	742
\$1,000, 2017	50,553	18,574	17,019	30,515	24,978
2012	51,023	30,815	51,660	41,146	30,584
Gasoline, fuels, and oils purchased farms, 2017	783	543	495	890	1,060
2012	818	531	505	930	1,205
\$1,000, 2017	7,639	4,808	4,982	6,842	7,118
2012	10,553	7,002	6,999	8,819	8,613
Utilities farms, 2017	614	407	397	715	838
2012	628	466	423	692	950
\$1,000, 2017	3,633	1,869	2,208	2,903	2,913
2012	3,537	1,785	2,804	2,900	2,705
Repairs, supplies, and maintenance costs farms, 2017	710	486	454	832	971
2012	726	493	463	828	1,085
\$1,000, 2017	10,899	7,924	9,037	10,677	12,672
2012	11,906	9,269	8,547	10,421	11,415
Hired farm labor farms, 2017	217	200	190	207	299
2012	308	188	212	282	339
\$1,000, 2017	8,157	3,188	6,950	6,900	5,470
2012	7,553	2,333	6,731	6,975	5,001
Contract labor farms, 2017	64	34	36	59	66
2012	54	49	42	50	76
\$1,000, 2017	940	896	298	675	412
2012	552	359	403	1,587	362
Customwork and custom hauling farms, 2017	294	183	232	348	390
2012	305	178	227	358	397
\$1,000, 2017	5,711	2,416	3,625	4,623	3,231
2012	4,084	2,020	5,432	4,382	2,919
Cash rent for land, buildings, and grazing fees farms, 2017	281	246	274	354	376
2012	351	273	284	376	423
\$1,000, 2017	29,992	22,825	37,382	25,963	22,686
2012	34,136	27,407	36,690	27,162	18,298
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2017	82	74	66	54	62
2012	89	56	62	80	79
\$1,000, 2017	3,218	1,019	2,624	1,167	277
2012	2,959	719	1,297	785	756
Interest expense farms, 2017	442	303	293	467	518
2012	536	355	346	532	701
\$1,000, 2017	10,238	6,972	10,389	8,935	9,209
2012	12,108	5,404	9,158	9,181	10,150
Secured by real estate farms, 2017	341	222	241	376	435
2012	422	265	261	404	573
\$1,000, 2017	7,089	4,794	6,950	7,106	6,598
2012	8,299	3,377	5,798	5,889	7,282
Not secured by real estate farms, 2017	241	198	186	272	286
2012	321	197	252	343	392
\$1,000, 2017	3,149	2,178	3,438	1,829	2,611
2012	3,809	2,028	3,359	3,292	2,868
Property taxes paid farms, 2017	824	513	466	907	1,036
2012	814	502	495	953	1,176
\$1,000, 2017	5,570	3,696	3,400	6,782	5,862
2012	4,944	2,749	2,717	5,506	4,816

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Jasper	Jefferson	Johnson	Jones	Keokuk
Total farm production expensesfarms, 2017	986	636	1,257	1,110	927
2012	1,098	685	1,342	1,061	982
\$1,000, 2017	198,119	95,045	178,333	235,828	168,678
2012	225,182	86,822	205,942	231,368	182,121
Average per farmdollars, 2017	200,933	149,443	141,872	212,458	181,962
2012	205,084	126,747	153,459	218,066	185,460
Fertilizer, lime, and soil conditioners purchasedfarms, 2017	654	312	768	730	552
2012	700	315	806	692	527
\$1,000, 2017	22,803	9,364	17,563	22,760	13,465
2012	31,382	11,446	23,625	30,535	21,277
Chemicals purchasedfarms, 2017	661	278	681	722	547
2012	732	317	782	730	549
\$1,000, 2017	15,550	6,375	12,663	12,511	10,889
2012	16,490	5,480	11,846	13,176	10,613
Seeds, plants, vines, and trees purchasedfarms, 2017	584	270	714	647	504
2012	688	333	815	681	534
\$1,000, 2017	24,150	9,853	18,541	21,972	15,738
2012	25,180	8,283	19,748	20,315	13,987
Cover crop seed purchased (see text)farms, 2017	105	52	180	95	149
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	780	80	365	166	358
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leasedfarms, 2017	261	146	344	373	234
2012	301	127	411	359	256
\$1,000, 2017	19,192	9,974	17,332	50,850	30,660
2012	18,374	6,339	17,531	44,154	25,355
Breeding livestock purchased or leasedfarms, 2017	164	88	215	183	131
2012	178	82	232	216	164
\$1,000, 2017	2,094	2,660	4,403	4,826	2,126
2012	2,662	974	2,511	3,863	2,129
Other livestock and poultry purchased or leasedfarms, 2017	155	79	205	239	137
2012	178	67	260	222	148
\$1,000, 2017	17,098	7,314	12,929	46,023	28,534
2012	15,712	5,365	15,019	40,290	23,226
Feed purchasedfarms, 2017	447	281	614	562	397
2012	502	259	651	538	384
\$1,000, 2017	22,857	11,049	22,814	28,860	26,042
2012	33,298	17,432	35,014	32,100	38,074
Gasoline, fuels, and oils purchasedfarms, 2017	928	563	1,158	1,039	814
2012	1,013	619	1,222	995	879
\$1,000, 2017	6,822	3,555	7,083	8,216	7,126
2012	9,941	4,097	10,052	9,515	8,162
Utilitiesfarms, 2017	730	437	866	817	678
2012	830	451	891	797	698
\$1,000, 2017	3,195	1,658	3,032	3,582	3,106
2012	3,383	1,326	4,864	3,200	2,744
Repairs, supplies, and maintenance costsfarms, 2017	855	504	1,034	978	754
2012	919	543	1,096	907	807
\$1,000, 2017	12,628	5,142	11,817	12,934	10,203
2012	11,895	4,841	12,849	12,669	8,848
Hired farm laborfarms, 2017	265	145	373	340	233
2012	330	158	385	333	260
\$1,000, 2017	5,385	3,190	8,837	7,868	4,011
2012	9,156	1,836	7,379	6,615	4,863
Contract laborfarms, 2017	97	67	79	84	77
2012	75	58	100	81	75
\$1,000, 2017	854	729	784	795	1,343
2012	945	229	755	398	626
Customwork and custom haulingfarms, 2017	296	196	449	434	314
2012	352	179	539	400	309
\$1,000, 2017	3,127	3,031	3,834	5,766	2,940
2012	2,842	1,424	3,669	4,350	2,523
Cash rent for land, buildings, and grazing feesfarms, 2017	376	134	410	408	294
2012	457	163	446	451	344
\$1,000, 2017	34,405	17,514	24,332	30,319	16,862
2012	33,867	11,310	31,066	29,349	20,837
Rent and lease expenses for machinery, equipment, and farm share of vehiclesfarms, 2017	97	28	88	63	68
2012	81	38	93	69	75
\$1,000, 2017	2,451	355	1,152	621	830
2012	1,767	624	461	569	1,230
Interest expensefarms, 2017	480	314	588	523	472
2012	556	346	716	572	535
\$1,000, 2017	9,034	4,788	9,740	11,205	9,021
2012	8,299	4,992	10,135	10,511	10,070
Secured by real estatefarms, 2017	387	247	449	395	365
2012	416	290	574	464	407
\$1,000, 2017	6,270	3,913	7,172	7,761	6,281
2012	6,307	3,494	6,992	7,444	7,865
Not secured by real estatefarms, 2017	292	159	328	309	276
2012	344	188	410	326	303
\$1,000, 2017	2,764	875	2,568	3,444	2,740
2012	1,992	1,498	3,143	3,067	2,206
Property taxes paidfarms, 2017	910	613	1,168	1,028	860
2012	1,003	657	1,248	980	899
\$1,000, 2017	6,131	3,655	7,710	7,048	6,565
2012	6,159	3,088	6,048	5,311	4,872

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Kossuth	Lee	Linn	Louisa	Lucas
Total farm production expenses farms, 2017	1,347	837	1,374	576	567
2012	1,349	917	1,402	612	648
\$1,000, 2017	467,587	103,905	187,423	150,501	51,154
2012	498,959	103,030	217,431	129,053	50,029
Average per farm dollars, 2017	347,132	124,139	136,407	261,287	90,218
2012	369,873	112,356	155,086	210,871	77,206
Fertilizer, lime, and soil conditioners purchased farms, 2017	941	528	887	317	239
2012	994	537	868	337	282
\$1,000, 2017	44,044	10,484	20,268	10,589	3,492
2012	66,592	16,020	34,413	14,745	5,151
Chemicals purchased farms, 2017	954	497	868	328	196
2012	1,016	519	909	373	280
\$1,000, 2017	25,221	7,876	13,189	8,096	2,266
2012	24,600	6,700	13,228	7,054	2,267
Seeds, plants, vines, and trees purchased farms, 2017	904	411	802	316	196
2012	1,011	503	862	345	267
\$1,000, 2017	44,138	11,342	20,925	12,303	3,418
2012	47,450	11,546	22,072	11,681	3,407
Cover crop seed purchased (see text) farms, 2017	51	51	120	49	22
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	321	51	453	139	43
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased farms, 2017	266	191	285	125	167
2012	298	213	322	135	161
\$1,000, 2017	68,511	10,916	16,704	20,051	8,813
2012	60,443	8,797	18,002	16,261	7,018
Breeding livestock purchased or leased farms, 2017	87	109	175	53	132
2012	122	130	211	73	133
\$1,000, 2017	1,749	2,238	2,574	2,275	1,697
2012	1,348	1,099	2,837	3,330	1,480
Other livestock and poultry purchased or leased farms, 2017	200	121	160	81	66
2012	223	96	171	90	68
\$1,000, 2017	66,762	8,678	14,130	17,776	7,116
2012	59,096	7,698	15,165	12,931	5,538
Feed purchased farms, 2017	374	336	630	201	307
2012	402	364	563	224	299
\$1,000, 2017	96,447	16,198	15,324	40,233	7,505
2012	116,309	13,864	22,317	31,072	12,612
Gasoline, fuels, and oils purchased farms, 2017	1,198	775	1,307	506	523
2012	1,278	840	1,335	551	597
\$1,000, 2017	17,278	4,633	7,254	5,863	2,045
2012	18,021	6,079	10,236	4,495	2,284
Utilities farms, 2017	1,075	585	1,011	364	369
2012	1,121	579	956	414	371
\$1,000, 2017	6,894	2,214	3,149	2,437	1,121
2012	6,054	2,083	3,087	2,129	857
Repairs, supplies, and maintenance costs farms, 2017	1,152	689	1,183	454	441
2012	1,184	698	1,169	499	474
\$1,000, 2017	22,112	6,323	12,627	6,808	3,578
2012	22,348	6,592	11,468	5,972	3,205
Hired farm labor farms, 2017	581	174	343	158	105
2012	583	273	371	178	126
\$1,000, 2017	13,063	4,447	8,815	5,909	1,858
2012	10,208	3,651	10,800	4,854	1,103
Contract labor farms, 2017	163	53	98	64	28
2012	79	82	84	31	38
\$1,000, 2017	3,486	603	1,222	2,727	309
2012	1,248	504	506	383	194
Customwork and custom hauling farms, 2017	478	206	506	195	148
2012	524	237	492	227	187
\$1,000, 2017	9,998	1,878	4,523	3,461	1,462
2012	7,329	1,458	3,926	2,021	722
Cash rent for land, buildings, and grazing fees farms, 2017	641	212	423	202	108
2012	713	265	502	220	148
\$1,000, 2017	64,146	11,805	30,510	15,877	3,603
2012	72,552	12,618	35,932	14,619	3,683
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2017	141	45	96	56	39
2012	136	62	123	60	31
\$1,000, 2017	2,414	303	1,737	842	218
2012	2,825	189	1,970	690	200
Interest expense farms, 2017	728	326	630	251	246
2012	851	448	676	338	331
\$1,000, 2017	18,376	5,000	12,131	6,251	4,008
2012	17,524	5,150	10,481	5,587	3,023
Secured by real estate farms, 2017	565	278	517	194	197
2012	634	385	538	251	274
\$1,000, 2017	13,361	3,397	8,335	4,093	3,351
2012	12,123	3,616	7,512	3,955	2,278
Not secured by real estate farms, 2017	460	153	334	164	133
2012	542	181	393	232	160
\$1,000, 2017	5,014	1,603	3,796	2,158	657
2012	5,400	1,534	2,969	1,631	745
Property taxes paid farms, 2017	1,225	814	1,294	537	552
2012	1,201	862	1,284	562	628
\$1,000, 2017	8,325	3,974	8,153	3,509	3,058
2012	7,499	3,539	6,435	2,807	2,189

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Lyon	Madison	Mahaska	Marion	Marshall
Total farm production expensesfarms, 2017	1,122	977	943	1,030	886
2012	1,139	961	1,012	1,024	882
\$1,000, 2017	711,796	108,411	232,550	100,469	222,052
2012	615,607	113,847	232,308	103,735	223,647
Average per farmdollars, 2017	634,399	110,963	246,606	97,542	250,623
2012	540,481	118,468	229,553	101,304	253,568
Fertilizer, lime, and soil conditioners purchasedfarms, 2017	880	475	556	526	569
2012	912	491	621	494	558
\$1,000, 2017	24,812	9,776	14,479	10,041	20,325
2012	30,929	11,428	22,201	14,110	29,980
Chemicals purchasedfarms, 2017	896	446	601	515	604
2012	944	515	654	511	589
\$1,000, 2017	14,366	6,867	10,331	7,907	15,500
2012	14,807	9,346	10,321	7,424	14,930
Seeds, plants, vines, and trees purchasedfarms, 2017	812	407	524	501	532
2012	879	479	623	512	540
\$1,000, 2017	26,342	9,993	18,856	12,455	25,155
2012	29,635	10,676	19,745	12,558	22,266
Cover crop seed purchased (see text)farms, 2017	104	47	73	103	70
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	186	87	246	144	438
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leasedfarms, 2017	515	297	259	246	202
2012	597	253	269	236	213
\$1,000, 2017	216,395	10,202	47,349	7,107	19,498
2012	159,070	7,214	39,596	8,663	16,467
Breeding livestock purchased or leasedfarms, 2017	183	177	111	158	83
2012	218	180	134	160	119
\$1,000, 2017	8,615	1,665	1,655	2,135	2,020
2012	9,227	1,708	1,851	1,574	2,636
Other livestock and poultry purchased or leasedfarms, 2017	408	153	176	118	144
2012	472	120	169	106	121
\$1,000, 2017	207,780	8,537	45,693	4,973	17,478
2012	149,843	5,506	37,745	7,088	13,831
Feed purchasedfarms, 2017	683	498	396	487	345
2012	731	482	412	452	347
\$1,000, 2017	240,682	15,887	57,334	7,603	38,715
2012	215,676	15,879	59,820	9,720	35,241
Gasoline, fuels, and oils purchasedfarms, 2017	1,069	916	894	962	837
2012	1,098	869	943	949	818
\$1,000, 2017	14,722	4,418	6,594	4,620	7,128
2012	15,605	5,160	9,744	5,997	10,696
Utilitiesfarms, 2017	995	651	683	682	657
2012	933	617	707	658	627
\$1,000, 2017	10,015	2,691	3,854	2,204	3,748
2012	8,309	3,004	3,611	1,730	3,444
Repairs, supplies, and maintenance costsfarms, 2017	1,040	737	775	847	749
2012	1,005	754	836	822	730
\$1,000, 2017	20,706	8,039	10,068	7,608	12,037
2012	18,846	7,486	10,066	7,286	14,408
Hired farm laborfarms, 2017	485	194	259	255	270
2012	462	204	308	243	291
\$1,000, 2017	23,099	7,695	6,396	4,374	12,377
2012	16,073	6,682	6,600	4,595	8,946
Contract laborfarms, 2017	238	56	100	56	66
2012	110	63	88	54	57
\$1,000, 2017	3,668	1,259	1,794	500	1,127
2012	1,019	393	876	372	1,355
Customwork and custom haulingfarms, 2017	641	281	339	281	338
2012	629	285	341	312	328
\$1,000, 2017	11,281	2,322	6,690	1,966	5,603
2012	8,554	2,341	2,727	2,413	4,557
Cash rent for land, buildings, and grazing feesfarms, 2017	640	219	313	295	347
2012	682	249	337	285	359
\$1,000, 2017	41,809	10,304	23,220	15,059	33,163
2012	47,523	13,326	21,390	14,734	35,608
Rent and lease expenses for machinery, equipment, and farm share of vehiclesfarms, 2017	138	57	96	64	75
2012	130	51	86	55	59
\$1,000, 2017	2,343	636	597	733	1,171
2012	1,542	1,458	823	424	1,128
Interest expensefarms, 2017	699	441	408	395	401
2012	752	441	497	463	451
\$1,000, 2017	22,496	7,215	8,098	7,071	8,259
2012	17,761	6,761	7,785	5,559	8,488
Secured by real estatefarms, 2017	505	376	311	297	292
2012	542	364	388	384	350
\$1,000, 2017	14,413	5,390	5,968	4,981	5,496
2012	11,085	5,375	4,671	3,718	5,465
Not secured by real estatefarms, 2017	438	225	247	242	258
2012	526	243	292	274	292
\$1,000, 2017	8,082	1,825	2,130	2,090	2,763
2012	6,676	1,386	3,114	1,841	3,023
Property taxes paidfarms, 2017	1,005	946	887	965	807
2012	1,030	915	942	954	814
\$1,000, 2017	6,555	4,782	6,603	5,011	5,979
2012	5,537	4,207	5,145	3,772	5,407

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Mills	Mitchell	Monona	Monroe	Montgomery
Total farm production expenses farms, 2017	520	789	619	618	516
2012	500	903	538	592	499
\$1,000, 2017	78,173	255,246	160,392	55,259	140,985
2012	93,167	291,247	174,777	57,140	146,661
Average per farm dollars, 2017	150,332	323,505	259,115	89,416	273,227
2012	186,333	322,532	324,865	96,520	293,911
Fertilizer, lime, and soil conditioners purchased farms, 2017	336	567	434	320	381
2012	333	647	409	312	356
\$1,000, 2017	10,710	20,056	21,412	4,141	12,119
2012	17,247	29,239	31,557	6,592	16,279
Chemicals purchased farms, 2017	311	567	426	289	378
2012	339	666	418	309	380
\$1,000, 2017	8,484	15,363	12,249	2,826	9,295
2012	8,036	11,218	13,070	2,677	9,071
Seeds, plants, vines, and trees purchased farms, 2017	292	529	412	255	363
2012	303	635	409	280	361
\$1,000, 2017	13,600	21,915	19,294	4,386	18,738
2012	13,451	22,811	21,797	4,809	15,295
Cover crop seed purchased (see text) farms, 2017	34	80	45	50	54
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	64	270	121	83	438
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased farms, 2017	81	257	125	162	123
2012	86	341	114	154	136
\$1,000, 2017	446	55,467	18,700	8,872	15,134
2012	2,807	63,197	14,727	6,175	13,933
Breeding livestock purchased or leased farms, 2017	34	92	71	135	80
2012	61	121	71	108	92
\$1,000, 2017	346	2,567	1,263	2,967	1,944
2012	706	1,848	1,204	1,719	1,121
Other livestock and poultry purchased or leased farms, 2017	49	205	67	62	60
2012	38	276	61	62	59
\$1,000, 2017	99	52,900	17,437	5,905	13,190
2012	2,102	61,350	13,523	4,456	12,812
Feed purchased farms, 2017	150	384	200	312	202
2012	159	463	179	298	207
\$1,000, 2017	682	47,809	9,136	8,433	16,281
2012	2,394	70,793	7,286	7,786	23,983
Gasoline, fuels, and oils purchased farms, 2017	481	754	576	566	477
2012	450	867	496	547	455
\$1,000, 2017	3,136	9,228	5,204	2,676	4,415
2012	4,543	9,355	7,594	3,197	5,843
Utilities farms, 2017	339	657	422	417	375
2012	334	718	413	411	354
\$1,000, 2017	894	3,772	2,359	1,537	3,516
2012	983	3,660	2,244	1,190	1,677
Repairs, supplies, and maintenance costs farms, 2017	428	669	487	515	438
2012	414	802	473	472	419
\$1,000, 2017	4,782	11,477	7,142	3,719	8,899
2012	6,050	12,851	9,137	2,900	10,616
Hired farm labor farms, 2017	140	249	217	97	190
2012	151	287	184	103	155
\$1,000, 2017	2,499	5,678	6,990	2,362	11,933
2012	3,689	5,280	3,842	1,547	8,128
Contract labor farms, 2017	23	95	54	43	36
2012	43	55	52	25	35
\$1,000, 2017	204	1,579	1,054	181	846
2012	361	434	625	193	274
Customwork and custom hauling farms, 2017	155	334	219	185	185
2012	190	393	203	190	176
\$1,000, 2017	2,130	3,622	3,032	1,103	3,143
2012	3,109	3,288	3,418	1,844	2,806
Cash rent for land, buildings, and grazing fees farms, 2017	152	326	214	133	207
2012	184	427	255	137	205
\$1,000, 2017	16,697	28,826	31,564	4,865	17,603
2012	19,037	30,071	37,595	7,048	23,619
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2017	54	122	54	20	72
2012	40	109	72	16	44
\$1,000, 2017	954	1,905	2,653	59	853
2012	630	713	2,425	244	820
Interest expense farms, 2017	216	441	269	282	272
2012	251	535	282	309	286
\$1,000, 2017	3,671	11,158	7,036	3,978	6,158
2012	4,002	9,741	6,981	4,242	5,847
Secured by real estate farms, 2017	159	339	195	232	188
2012	189	416	203	259	214
\$1,000, 2017	2,530	7,158	4,668	3,101	4,095
2012	2,378	5,951	4,525	3,077	4,060
Not secured by real estate farms, 2017	125	271	167	139	180
2012	143	347	197	188	175
\$1,000, 2017	1,141	4,000	2,368	877	2,063
2012	1,624	3,790	2,455	1,165	1,787
Property taxes paid farms, 2017	470	737	574	589	458
2012	454	839	475	573	445
\$1,000, 2017	3,551	4,786	5,614	2,637	4,742
2012	2,754	4,351	4,045	1,939	3,217

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Muscatine	O'Brien	Osceola	Page	Palo Alto
Total farm production expensesfarms, 2017	714	876	591	715	785
2012	786	884	555	739	874
\$1,000, 2017	145,759	405,480	367,434	131,659	387,788
2012	138,129	362,695	299,830	142,367	361,610
Average per farmdollars, 2017	204,144	462,876	621,716	184,138	493,997
2012	175,737	410,288	540,234	192,648	413,742
Fertilizer, lime, and soil conditioners purchasedfarms, 2017	458	687	447	522	506
2012	467	679	414	538	552
\$1,000, 2017	15,289	24,321	17,743	16,240	24,073
2012	18,346	28,993	21,864	22,786	35,317
Chemicals purchasedfarms, 2017	452	701	440	502	517
2012	478	714	437	562	584
\$1,000, 2017	10,356	14,995	9,881	12,396	15,975
2012	9,966	12,379	8,328	11,447	16,628
Seeds, plants, vines, and trees purchasedfarms, 2017	397	661	429	487	491
2012	449	679	409	542	556
\$1,000, 2017	14,381	25,163	17,922	18,332	25,653
2012	12,708	24,262	19,441	17,832	26,824
Cover crop seed purchased (see text)farms, 2017	59	31	24	67	28
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	327	96	86	212	101
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leasedfarms, 2017	141	304	175	165	158
2012	170	317	197	201	189
\$1,000, 2017	18,498	94,788	73,586	13,165	82,467
2012	14,261	75,839	49,477	14,455	49,715
Breeding livestock purchased or leasedfarms, 2017	85	95	47	113	46
2012	98	123	69	134	64
\$1,000, 2017	1,236	5,133	5,802	1,950	1,269
2012	1,430	6,325	4,206	2,166	1,008
Other livestock and poultry purchased or leasedfarms, 2017	72	250	141	75	139
2012	103	229	148	87	147
\$1,000, 2017	17,262	89,655	67,785	11,215	81,198
2012	12,830	69,513	45,271	12,289	48,707
Feed purchasedfarms, 2017	323	381	246	324	230
2012	317	409	230	324	274
\$1,000, 2017	18,584	117,605	119,620	7,314	112,619
2012	21,674	109,789	98,102	9,604	110,406
Gasoline, fuels, and oils purchasedfarms, 2017	680	814	549	646	661
2012	739	828	514	670	774
\$1,000, 2017	4,304	10,322	8,175	4,699	8,360
2012	6,546	10,513	8,319	6,539	10,739
Utilitiesfarms, 2017	511	756	506	520	555
2012	553	734	452	550	605
\$1,000, 2017	2,830	6,141	6,165	1,929	5,073
2012	2,000	5,192	4,591	2,027	3,972
Repairs, supplies, and maintenance costsfarms, 2017	581	769	523	582	655
2012	641	801	485	612	703
\$1,000, 2017	7,172	14,599	11,667	9,308	13,239
2012	7,479	13,258	10,130	9,941	13,233
Hired farm laborfarms, 2017	219	363	244	255	266
2012	205	367	247	257	349
\$1,000, 2017	8,417	9,970	17,453	5,899	7,807
2012	4,230	8,060	9,830	4,751	7,784
Contract laborfarms, 2017	41	193	113	46	90
2012	44	76	61	56	67
\$1,000, 2017	729	3,082	2,928	233	2,614
2012	250	492	1,296	265	1,116
Customwork and custom haulingfarms, 2017	288	450	272	331	300
2012	271	430	228	327	331
\$1,000, 2017	3,267	8,492	6,734	3,723	6,484
2012	1,941	5,782	3,527	3,331	4,506
Cash rent for land, buildings, and grazing feesfarms, 2017	279	454	272	245	330
2012	288	485	300	299	390
\$1,000, 2017	20,837	35,905	35,425	18,664	40,685
2012	20,426	36,886	38,150	20,829	44,011
Rent and lease expenses for machinery, equipment, and farm share of vehiclesfarms, 2017	61	87	77	61	76
2012	36	73	44	69	92
\$1,000, 2017	870	1,844	1,472	612	2,815
2012	585	1,000	837	672	2,969
Interest expensefarms, 2017	300	536	339	396	400
2012	408	556	334	413	524
\$1,000, 2017	6,470	14,228	9,492	7,436	11,873
2012	6,916	12,865	8,944	6,391	10,919
Secured by real estatefarms, 2017	244	417	238	280	310
2012	313	415	252	314	399
\$1,000, 2017	4,869	9,089	5,058	5,042	6,764
2012	4,781	8,038	5,316	4,165	6,307
Not secured by real estatefarms, 2017	181	340	210	272	240
2012	256	372	215	268	289
\$1,000, 2017	1,601	5,139	4,435	2,394	5,109
2012	2,135	4,827	3,628	2,226	4,612
Property taxes paidfarms, 2017	640	798	550	665	710
2012	715	801	512	677	796
\$1,000, 2017	4,513	5,779	4,130	4,844	5,337
2012	3,799	4,581	2,861	3,993	4,289

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Plymouth	Pocahontas	Polk	Pottawattamie	Poweshiek
Total farm production expenses farms, 2017	1,219	730	755	1,114	852
..... 2012	1,331	742	773	1,188	852
..... \$1,000, 2017	602,507	274,862	94,523	316,836	249,085
..... 2012	526,492	265,290	102,157	370,549	216,179
Average per farm dollars, 2017	494,263	376,523	125,197	284,413	292,353
..... 2012	395,561	357,534	132,156	311,910	253,731
Fertilizer, lime, and soil conditioners purchased farms, 2017	962	548	471	838	546
..... 2012	1,018	570	441	853	548
..... \$1,000, 2017	33,023	22,251	12,199	33,347	20,993
..... 2012	42,017	34,839	18,213	43,604	28,596
Chemicals purchased farms, 2017	952	545	470	795	554
..... 2012	1,052	575	481	884	561
..... \$1,000, 2017	19,340	14,337	6,490	21,544	14,850
..... 2012	20,075	14,263	7,163	23,087	15,697
Seeds, plants, vines, and trees purchased farms, 2017	890	528	413	758	514
..... 2012	981	571	437	860	540
..... \$1,000, 2017	37,074	23,933	13,069	40,912	22,236
..... 2012	33,814	25,584	14,164	39,184	21,242
Cover crop seed purchased (see text) farms, 2017	102	40	39	112	80
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)
..... \$1,000, 2017	267	381	115	341	192
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased farms, 2017	439	129	168	240	242
..... 2012	483	139	133	273	230
..... \$1,000, 2017	169,442	42,558	3,063	44,307	25,953
..... 2012	110,914	32,805	3,247	70,144	13,131
Breeding livestock purchased or leased farms, 2017	170	46	84	156	163
..... 2012	217	48	71	154	173
..... \$1,000, 2017	3,251	915	633	2,782	4,544
..... 2012	3,793	1,435	499	2,571	3,644
Other livestock and poultry purchased or leased farms, 2017	329	103	109	131	142
..... 2012	333	110	89	153	110
..... \$1,000, 2017	166,191	41,642	2,431	41,525	21,408
..... 2012	107,122	31,370	2,748	67,573	9,488
Feed purchased farms, 2017	629	182	341	448	401
..... 2012	711	197	277	446	379
..... \$1,000, 2017	156,882	69,367	4,237	24,122	44,084
..... 2012	142,748	61,553	4,295	49,531	31,184
Gasoline, fuels, and oils purchased farms, 2017	1,168	653	715	1,039	775
..... 2012	1,271	658	690	1,098	789
..... \$1,000, 2017	10,632	8,273	3,065	10,365	7,216
..... 2012	15,295	9,758	5,131	13,263	7,807
Utilities farms, 2017	1,022	573	489	859	669
..... 2012	1,085	542	495	891	595
..... \$1,000, 2017	7,009	4,074	2,115	4,315	4,615
..... 2012	6,270	2,900	1,700	4,315	5,093
Repairs, supplies, and maintenance costs farms, 2017	1,096	612	620	974	722
..... 2012	1,179	601	592	1,001	696
..... \$1,000, 2017	20,877	12,289	6,723	16,911	14,349
..... 2012	22,157	12,174	6,991	17,222	11,752
Hired farm labor farms, 2017	439	286	203	394	247
..... 2012	472	329	199	433	276
..... \$1,000, 2017	11,840	11,347	7,558	15,397	13,282
..... 2012	11,691	8,526	6,454	12,338	8,822
Contract labor farms, 2017	200	75	67	97	54
..... 2012	119	64	46	105	58
..... \$1,000, 2017	5,143	1,772	1,061	1,322	1,365
..... 2012	2,731	497	382	1,403	936
Customwork and custom hauling farms, 2017	590	266	191	447	284
..... 2012	643	286	204	454	298
..... \$1,000, 2017	10,772	4,330	1,890	9,090	3,303
..... 2012	8,741	3,659	2,295	6,914	3,020
Cash rent for land, buildings, and grazing fees farms, 2017	655	326	210	486	349
..... 2012	742	364	226	526	358
..... \$1,000, 2017	60,635	32,805	18,317	54,697	29,457
..... 2012	60,645	36,655	18,769	53,941	30,861
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2017	115	76	57	101	64
..... 2012	116	85	41	97	74
..... \$1,000, 2017	2,001	1,814	1,505	1,625	1,433
..... 2012	2,136	1,142	741	1,059	847
Interest expense farms, 2017	667	393	253	532	385
..... 2012	801	421	325	600	454
..... \$1,000, 2017	18,803	9,554	4,292	13,197	10,712
..... 2012	18,041	7,674	4,999	12,691	8,544
Secured by real estate farms, 2017	522	262	205	395	296
..... 2012	598	302	231	435	362
..... \$1,000, 2017	12,804	5,771	2,996	8,335	7,507
..... 2012	13,004	4,723	3,393	8,651	6,368
Not secured by real estate farms, 2017	399	260	145	328	255
..... 2012	522	276	177	358	284
..... \$1,000, 2017	5,998	3,783	1,296	4,862	3,206
..... 2012	5,038	2,951	1,605	4,041	2,176
Property taxes paid farms, 2017	1,096	677	694	982	780
..... 2012	1,194	670	687	1,019	791
..... \$1,000, 2017	7,925	4,223	4,519	8,399	6,590
..... 2012	7,815	3,279	3,336	7,187	4,360

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Ringgold	Sac	Scott	Shelby	Sioux
Total farm production expensesfarms, 2017	675	889	684	890	1,724
2012	651	914	759	869	1,618
\$1,000, 2017	104,297	358,942	184,671	243,688	1,350,489
2012	103,571	377,217	204,830	262,116	1,298,020
Average per farmdollars, 2017	154,514	403,759	269,987	273,806	783,346
2012	159,095	412,710	269,869	301,629	802,238
Fertilizer, lime, and soil conditioners purchasedfarms, 2017	340	631	502	657	1,266
2012	353	651	533	698	1,182
\$1,000, 2017	7,332	20,836	15,520	26,525	32,432
2012	9,872	29,089	23,724	37,271	39,931
Chemicals purchasedfarms, 2017	302	625	474	663	1,251
2012	363	660	558	705	1,250
\$1,000, 2017	5,342	15,035	12,559	16,879	22,257
2012	4,745	17,508	11,194	17,316	24,347
Seeds, plants, vines, and trees purchasedfarms, 2017	274	577	453	609	1,157
2012	347	656	525	685	1,173
\$1,000, 2017	7,321	25,721	16,093	25,884	43,078
2012	6,883	24,247	17,505	27,105	37,720
Cover crop seed purchased (see text)farms, 2017	25	70	43	65	121
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	48	366	103	300	509
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leasedfarms, 2017	196	231	159	210	809
2012	210	245	175	231	791
\$1,000, 2017	17,118	77,558	19,685	35,635	474,906
2012	13,236	69,722	11,131	29,128	384,503
Breeding livestock purchased or leasedfarms, 2017	157	101	82	127	198
2012	172	103	97	134	189
\$1,000, 2017	3,206	2,342	1,595	5,064	19,523
2012	3,846	1,598	1,246	9,708	11,187
Other livestock and poultry purchased or leasedfarms, 2017	69	174	99	104	691
2012	84	177	111	140	661
\$1,000, 2017	13,912	75,216	18,089	30,572	455,382
2012	9,390	68,124	9,885	19,420	373,315
Feed purchasedfarms, 2017	336	330	304	327	987
2012	359	375	333	368	991
\$1,000, 2017	20,081	88,885	31,734	35,413	450,336
2012	27,992	111,151	46,785	33,208	516,921
Gasoline, fuels, and oils purchasedfarms, 2017	612	787	658	808	1,631
2012	587	841	727	805	1,519
\$1,000, 2017	3,655	12,425	6,110	7,349	23,272
2012	4,290	12,686	8,360	9,596	26,745
Utilitiesfarms, 2017	447	682	553	731	1,488
2012	420	737	583	717	1,348
\$1,000, 2017	2,198	4,483	2,762	3,634	15,679
2012	2,235	4,398	2,799	3,634	13,352
Repairs, supplies, and maintenance costsfarms, 2017	541	751	632	776	1,574
2012	527	770	667	771	1,439
\$1,000, 2017	6,046	14,112	8,206	12,356	36,352
2012	5,701	14,815	8,652	13,636	34,341
Hired farm laborfarms, 2017	162	292	215	303	781
2012	174	294	228	323	712
\$1,000, 2017	4,442	8,857	7,813	9,060	45,185
2012	3,589	10,844	7,927	5,544	34,110
Contract laborfarms, 2017	47	102	58	75	387
2012	73	106	30	90	178
\$1,000, 2017	487	2,279	515	706	6,965
2012	461	1,091	533	984	2,456
Customwork and custom haulingfarms, 2017	180	349	269	337	944
2012	231	392	263	366	859
\$1,000, 2017	2,349	7,911	3,934	4,068	25,211
2012	2,004	6,171	5,208	3,735	14,155
Cash rent for land, buildings, and grazing feesfarms, 2017	195	404	299	406	838
2012	202	459	366	497	856
\$1,000, 2017	8,881	40,106	32,495	36,660	69,022
2012	9,618	43,336	35,703	49,114	67,788
Rent and lease expenses for machinery, equipment, and farm share of vehiclesfarms, 2017	59	111	81	76	196
2012	39	123	75	95	168
\$1,000, 2017	426	1,817	1,462	1,319	2,886
2012	330	1,532	1,699	1,954	3,199
Interest expensefarms, 2017	314	476	370	483	1,009
2012	347	507	368	517	1,018
\$1,000, 2017	7,337	14,218	9,039	9,345	35,944
2012	4,671	11,977	7,974	11,077	34,595
Secured by real estatefarms, 2017	281	385	284	387	752
2012	274	413	267	401	767
\$1,000, 2017	5,682	10,104	6,666	6,746	21,323
2012	3,182	8,090	5,293	6,553	21,948
Not secured by real estatefarms, 2017	160	284	222	300	629
2012	202	285	219	363	697
\$1,000, 2017	1,655	4,114	2,373	2,599	14,621
2012	1,489	3,887	2,681	4,523	12,647
Property taxes paidfarms, 2017	647	814	609	827	1,571
2012	615	823	665	790	1,472
\$1,000, 2017	3,831	7,119	4,280	6,250	10,067
2012	2,908	4,289	4,042	5,099	8,351

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Story	Tama	Taylor	Union	Van Buren	
Total farm production expenses	farms, 2017	955	1,072	667	627	690
	2012	966	1,132	639	648	753
	\$1,000, 2017	192,667	234,626	107,111	114,147	86,477
	2012	213,392	231,663	123,243	103,110	85,510
Average per farm	dollars, 2017	201,746	218,868	160,586	182,052	125,329
	2012	220,903	204,649	192,869	159,121	113,559
Fertilizer, lime, and soil conditioners purchased	farms, 2017	591	713	380	345	367
	2012	605	722	335	349	371
	\$1,000, 2017	22,719	26,387	9,277	8,830	6,504
	2012	29,800	36,424	11,436	8,157	9,735
Chemicals purchased	farms, 2017	606	705	360	325	313
	2012	648	764	329	336	355
	\$1,000, 2017	12,022	18,958	6,441	5,871	4,011
	2012	11,446	18,628	5,723	5,210	4,390
Seeds, plants, vines, and trees purchased	farms, 2017	530	650	325	281	277
	2012	619	737	330	342	367
	\$1,000, 2017	22,538	25,882	12,805	10,849	7,209
	2012	20,766	24,697	10,703	10,123	6,519
Cover crop seed purchased (see text)	farms, 2017	77	85	41	43	47
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2017	221	191	583	82	40
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased	farms, 2017	206	254	155	209	191
	2012	205	276	167	207	171
	\$1,000, 2017	16,663	24,552	6,026	18,915	9,081
	2012	16,437	19,598	8,170	15,600	9,573
Breeding livestock purchased or leased	farms, 2017	85	157	114	143	150
	2012	93	160	124	170	110
	\$1,000, 2017	913	1,846	2,268	3,522	1,962
	2012	1,413	1,581	2,483	3,781	1,481
Other livestock and poultry purchased or leased	farms, 2017	149	149	65	105	93
	2012	139	169	64	99	94
	\$1,000, 2017	15,749	22,706	3,758	15,393	7,119
	2012	15,024	18,017	5,687	11,818	8,092
Feed purchased	farms, 2017	323	449	337	387	335
	2012	361	454	323	362	342
	\$1,000, 2017	21,188	23,157	14,314	18,553	20,830
	2012	26,400	26,654	29,511	22,197	22,241
Gasoline, fuels, and oils purchased	farms, 2017	866	997	601	594	632
	2012	880	1,054	583	594	675
	\$1,000, 2017	6,648	7,630	4,878	3,505	2,700
	2012	9,168	9,045	5,770	3,891	3,707
Utilities	farms, 2017	680	795	465	508	508
	2012	659	835	423	416	483
	\$1,000, 2017	3,104	3,678	1,892	2,425	1,871
	2012	3,286	2,935	1,505	1,751	1,649
Repairs, supplies, and maintenance costs	farms, 2017	786	906	548	557	561
	2012	792	939	492	525	598
	\$1,000, 2017	11,442	12,961	6,220	5,474	4,286
	2012	11,980	13,395	5,994	4,971	4,563
Hired farm labor	farms, 2017	324	291	169	154	193
	2012	319	330	181	134	170
	\$1,000, 2017	11,945	9,037	4,511	3,893	3,710
	2012	9,456	5,494	4,220	3,056	2,933
Contract labor	farms, 2017	94	41	37	61	45
	2012	74	58	65	68	51
	\$1,000, 2017	795	452	242	897	645
	2012	591	369	462	488	167
Customwork and custom hauling	farms, 2017	297	371	232	209	217
	2012	329	352	225	226	195
	\$1,000, 2017	4,292	4,793	3,447	2,958	1,632
	2012	6,542	4,264	2,901	2,465	1,226
Cash rent for land, buildings, and grazing fees	farms, 2017	304	460	181	173	156
	2012	358	493	180	186	147
	\$1,000, 2017	32,888	39,423	17,947	14,464	8,030
	2012	40,869	41,267	20,479	10,601	6,223
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2017	83	90	52	61	37
	2012	97	73	56	55	43
	\$1,000, 2017	1,593	1,934	798	1,094	311
	2012	2,490	1,063	1,139	1,365	256
Interest expense	farms, 2017	419	550	280	281	301
	2012	483	583	339	338	369
	\$1,000, 2017	8,659	15,223	7,940	5,529	4,410
	2012	9,384	11,099	7,382	4,529	4,294
Secured by real estate	farms, 2017	328	432	238	214	244
	2012	365	453	281	286	302
	\$1,000, 2017	5,718	10,594	6,236	3,562	3,332
	2012	6,358	8,126	5,539	3,203	3,237
Not secured by real estate	farms, 2017	238	367	150	207	148
	2012	315	371	187	177	197
	\$1,000, 2017	2,941	4,629	1,704	1,968	1,078
	2012	3,026	2,974	1,843	1,326	1,056
Property taxes paid	farms, 2017	869	990	636	594	655
	2012	864	1,045	596	618	724
	\$1,000, 2017	5,801	6,987	4,332	3,585	3,175
	2012	4,757	6,085	3,113	2,801	2,730

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Wapello	Warren	Washington	Wayne	Webster
Total farm production expensesfarms, 2017	715	1,214	1,129	743	960
.....farms, 2012	742	1,334	1,139	691	968
.....\$1,000, 2017	70,790	71,012	528,629	84,414	249,684
.....2012	75,314	95,786	415,893	80,239	233,575
Average per farmdollars, 2017	99,007	58,494	468,228	113,612	260,087
.....2012	101,502	71,804	365,138	116,120	241,296
Fertilizer, lime, and soil conditioners purchasedfarms, 2017	344	564	677	345	611
.....farms, 2012	377	619	668	326	681
.....\$1,000, 2017	8,617	7,725	18,763	9,188	27,435
.....2012	11,198	12,592	23,480	13,544	39,935
Chemicals purchasedfarms, 2017	320	588	646	250	619
.....farms, 2012	336	665	658	297	699
.....\$1,000, 2017	5,041	6,156	12,387	5,460	16,502
.....2012	5,179	6,469	13,697	4,937	16,044
Seeds, plants, vines, and trees purchasedfarms, 2017	293	509	606	249	580
.....farms, 2012	365	670	681	317	661
.....\$1,000, 2017	8,016	10,449	19,525	8,523	29,124
.....2012	8,187	11,740	18,270	8,226	30,027
Cover crop seed purchased (see text)farms, 2017	65	46	203	35	37
.....farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)
.....\$1,000, 2017	170	408	678	33	276
.....2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leasedfarms, 2017	137	224	415	195	142
.....farms, 2012	145	281	353	199	130
.....\$1,000, 2017	5,128	1,822	124,638	10,141	28,092
.....2012	5,341	5,960	52,996	8,967	12,518
Breeding livestock purchased or leasedfarms, 2017	82	141	214	134	68
.....farms, 2012	88	185	163	163	60
.....\$1,000, 2017	675	1,250	5,450	2,192	885
.....2012	539	2,633	1,679	1,861	2,858
Other livestock and poultry purchased or leasedfarms, 2017	76	118	259	87	82
.....farms, 2012	72	135	255	81	85
.....\$1,000, 2017	4,453	572	119,188	7,949	27,207
.....2012	4,802	3,327	51,317	7,106	9,660
Feed purchasedfarms, 2017	338	519	557	357	231
.....farms, 2012	280	576	531	366	224
.....\$1,000, 2017	5,286	2,635	201,693	8,185	35,579
.....2012	10,175	8,677	147,853	8,037	24,132
Gasoline, fuels, and oils purchasedfarms, 2017	682	1,126	1,008	641	815
.....farms, 2012	698	1,231	1,051	617	877
.....\$1,000, 2017	3,115	3,409	11,393	4,215	7,609
.....2012	4,153	5,308	10,223	4,180	9,485
Utilitiesfarms, 2017	478	758	848	513	665
.....farms, 2012	493	797	793	448	652
.....\$1,000, 2017	1,666	1,517	8,813	1,694	2,690
.....2012	1,424	1,580	7,381	1,226	2,791
Repairs, supplies, and maintenance costsfarms, 2017	616	928	966	601	749
.....farms, 2012	592	1,041	916	532	762
.....\$1,000, 2017	4,513	5,460	15,963	6,623	11,715
.....2012	4,222	6,808	14,214	5,126	12,203
Hired farm laborfarms, 2017	153	236	394	145	295
.....farms, 2012	133	284	362	172	307
.....\$1,000, 2017	1,804	2,398	14,282	2,066	7,617
.....2012	1,522	3,287	10,518	2,243	7,620
Contract laborfarms, 2017	36	58	184	69	58
.....farms, 2012	46	97	89	57	85
.....\$1,000, 2017	360	341	9,820	1,116	1,889
.....2012	204	588	9,297	422	563
Customwork and custom haulingfarms, 2017	142	337	441	230	256
.....farms, 2012	186	370	422	221	305
.....\$1,000, 2017	1,844	2,573	7,560	2,271	4,725
.....2012	1,190	2,393	3,690	1,800	4,009
Cash rent for land, buildings, and grazing feesfarms, 2017	155	215	366	167	363
.....farms, 2012	163	239	390	172	407
.....\$1,000, 2017	10,854	10,711	22,429	11,291	41,895
.....2012	9,764	14,736	27,283	9,081	45,495
Rent and lease expenses for machinery, equipment, and farm share of vehiclesfarms, 2017	30	81	101	44	80
.....farms, 2012	42	80	108	58	129
.....\$1,000, 2017	414	447	2,296	452	1,326
.....2012	508	846	2,161	1,050	2,530
Interest expensefarms, 2017	311	435	563	349	366
.....farms, 2012	364	524	664	342	456
.....\$1,000, 2017	5,757	5,542	12,067	4,657	13,295
.....2012	4,949	5,426	15,228	5,278	8,111
Secured by real estatefarms, 2017	274	358	445	301	277
.....farms, 2012	313	429	531	275	337
.....\$1,000, 2017	4,302	4,394	8,867	3,478	9,873
.....2012	3,365	3,987	9,842	3,553	5,602
Not secured by real estatefarms, 2017	155	207	327	186	227
.....farms, 2012	197	281	400	205	265
.....\$1,000, 2017	1,455	1,148	3,201	1,179	3,422
.....2012	1,584	1,439	5,386	1,725	2,509
Property taxes paidfarms, 2017	693	1,170	1,087	720	899
.....farms, 2012	719	1,271	1,069	665	853
.....\$1,000, 2017	3,831	5,696	8,028	3,319	6,175
.....2012	2,831	4,539	6,194	2,700	4,594

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Winnebago	Winneshiek	Woodbury	Worth	Wright
Total farm production expenses farms, 2017	571	1,458	1,037	582	735
2012	642	1,535	973	640	775
\$1,000, 2017	205,846	292,108	313,570	117,648	406,083
2012	214,200	276,121	337,293	130,268	370,470
Average per farm dollars, 2017	360,500	200,348	302,381	202,144	552,493
2012	333,644	179,883	346,653	203,544	478,026
Fertilizer, lime, and soil conditioners purchased farms, 2017	355	913	681	360	478
2012	390	909	675	400	512
\$1,000, 2017	18,208	26,382	32,656	16,721	23,877
2012	27,076	32,978	43,320	25,898	33,841
Chemicals purchased farms, 2017	355	866	683	357	474
2012	397	916	688	401	521
\$1,000, 2017	12,545	13,393	16,097	9,590	14,633
2012	7,317	13,027	17,579	7,870	13,901
Seeds, plants, vines, and trees purchased farms, 2017	352	831	600	356	433
2012	401	878	627	390	513
\$1,000, 2017	19,436	28,040	27,975	17,088	25,412
2012	19,066	22,820	27,365	17,772	26,260
Cover crop seed purchased (see text) farms, 2017	18	147	56	17	29
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	51	286	413	100	221
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock and poultry purchased or leased farms, 2017	84	440	291	90	126
2012	85	493	262	106	126
\$1,000, 2017	20,085	44,049	61,586	3,797	56,036
2012	17,059	34,614	60,108	5,129	21,470
Breeding livestock purchased or leased farms, 2017	32	216	163	36	64
2012	30	271	140	54	55
\$1,000, 2017	606	4,120	3,374	130	872
2012	451	3,269	4,527	304	784
Other livestock and poultry purchased or leased farms, 2017	60	282	172	64	91
2012	60	320	163	79	92
\$1,000, 2017	19,479	39,929	58,212	3,668	55,164
2012	16,607	31,345	55,581	4,825	20,686
Feed purchased farms, 2017	140	736	463	162	189
2012	143	806	449	212	181
\$1,000, 2017	50,841	47,888	43,278	7,971	129,039
2012	57,485	54,432	58,861	9,420	111,357
Gasoline, fuels, and oils purchased farms, 2017	509	1,364	960	505	662
2012	569	1,437	912	582	697
\$1,000, 2017	6,289	10,384	8,134	5,387	8,459
2012	7,988	12,869	11,040	6,371	11,516
Utilities farms, 2017	415	1,072	776	383	514
2012	447	1,117	741	444	593
\$1,000, 2017	4,221	5,554	3,902	1,808	8,477
2012	2,595	5,186	3,385	1,652	6,128
Repairs, supplies, and maintenance costs farms, 2017	447	1,261	842	432	599
2012	510	1,290	823	501	645
\$1,000, 2017	8,517	22,358	13,212	6,825	16,035
2012	8,188	18,012	14,157	7,688	14,657
Hired farm labor farms, 2017	218	445	293	182	298
2012	232	472	318	208	307
\$1,000, 2017	9,717	12,273	8,204	2,845	21,083
2012	13,270	11,060	8,719	2,102	11,396
Contract labor farms, 2017	47	119	110	31	53
2012	48	89	95	20	73
\$1,000, 2017	542	1,448	972	509	2,683
2012	655	515	768	278	1,347
Customwork and custom hauling farms, 2017	209	579	387	193	237
2012	200	619	392	206	255
\$1,000, 2017	2,422	8,692	6,269	2,360	4,575
2012	2,436	6,711	6,929	2,182	4,920
Cash rent for land, buildings, and grazing fees farms, 2017	245	515	387	266	315
2012	301	532	421	294	336
\$1,000, 2017	27,981	29,458	50,431	25,036	49,091
2012	31,470	26,482	49,363	27,753	64,193
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms, 2017	57	132	103	41	67
2012	63	102	86	42	64
\$1,000, 2017	1,395	870	2,101	439	1,775
2012	1,527	741	3,121	253	1,253
Interest expense farms, 2017	280	751	506	289	326
2012	341	884	534	394	433
\$1,000, 2017	8,519	13,992	15,226	6,713	7,872
2012	7,491	13,969	12,678	6,042	8,770
Secured by real estate farms, 2017	213	619	399	233	213
2012	262	737	378	316	310
\$1,000, 2017	5,666	10,263	9,775	4,509	5,178
2012	4,974	9,707	7,412	3,780	5,987
Not secured by real estate farms, 2017	179	414	318	185	211
2012	232	472	376	238	239
\$1,000, 2017	2,852	3,729	5,450	2,204	2,694
2012	2,517	4,262	5,266	2,262	2,782
Property taxes paid farms, 2017	517	1,399	959	540	657
2012	576	1,436	882	590	685
\$1,000, 2017	4,298	8,872	8,016	3,856	4,587
2012	2,944	6,950	5,430	2,945	4,302

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Iowa	Adair	Adams	Allamakee	Appanoose
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text)farms, 2017	32,238	366	232	484	326
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	273,226	2,265	1,485	3,531	675
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text)farms, 2017	52,599	468	304	532	298
2012 ¹	59,161	506	317	625	387
\$1,000, 2017	1,006,159	6,016	3,865	6,898	2,207
2012 ¹	1,161,488	11,477	3,910	11,042	2,191
Production expenses paid by landlords ²farms, 2017	5,140	46	20	15	18
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	193,270	1,848	1,223	119	141
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimedfarms, 2017	48,927	411	286	555	282
2012	55,052	452	293	604	387
\$1,000, 2017	1,937,081	14,646	7,294	17,950	5,188
2012	2,098,284	14,660	10,755	15,856	5,394
Item	Audubon	Benton	Black Hawk	Boone	Bremer
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text)farms, 2017	214	387	304	287	298
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	2,763	3,947	3,417	1,222	1,798
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text)farms, 2017	393	738	585	549	579
2012 ¹	416	873	637	593	671
\$1,000, 2017	6,802	12,507	9,609	8,774	9,165
2012 ¹	9,678	14,528	9,398	8,794	10,073
Production expenses paid by landlords ²farms, 2017	28	53	32	81	32
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	911	1,548	1,218	3,750	702
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimedfarms, 2017	358	665	510	481	546
2012	424	785	617	547	629
\$1,000, 2017	13,699	24,425	19,979	18,633	15,220
2012	19,107	31,374	22,917	19,395	23,881
Item	Buchanan	Buena Vista	Butler	Calhoun	Carroll
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text)farms, 2017	437	247	345	209	420
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	5,079	2,960	1,271	1,683	4,140
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text)farms, 2017	661	611	634	567	755
2012 ¹	774	643	721	609	769
\$1,000, 2017	10,635	23,685	13,592	14,387	17,817
2012 ¹	12,757	18,503	12,739	11,926	17,013
Production expenses paid by landlords ²farms, 2017	46	100	37	129	67
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	3,752	3,987	1,637	6,169	2,447
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimedfarms, 2017	590	537	581	462	661
2012	727	586	669	557	741
\$1,000, 2017	26,120	28,791	18,407	18,328	23,989
2012	30,757	33,957	21,109	23,656	30,953

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text) farms, 2017	259	374	181	383	307
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	1,676	2,631	1,075	2,774	2,440
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) farms, 2017	424	556	467	680	639
2012 ¹	523	675	505	648	698
\$1,000, 2017	5,533	12,374	7,964	11,397	9,678
2012 ¹	11,368	11,842	9,220	12,276	11,247
Production expenses paid by landlords ² farms, 2017	46	45	24	49	27
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	1,869	1,351	428	823	510
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed farms, 2017	369	516	459	551	571
2012	416	599	424	600	655
\$1,000, 2017	15,446	21,022	12,604	24,288	21,168
2012	16,949	25,468	18,239	22,615	26,536
Item	Clarke	Clay	Clayton	Clinton	Crawford
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text) farms, 2017	287	203	684	486	377
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	2,224	1,815	4,763	2,597	3,329
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) farms, 2017	288	474	844	737	596
2012 ¹	386	542	985	900	686
\$1,000, 2017	9,323	9,674	10,254	10,417	15,193
2012 ¹	8,845	13,566	14,109	13,445	15,787
Production expenses paid by landlords ² farms, 2017	38	89	30	26	38
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	876	3,336	526	281	2,004
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed farms, 2017	314	456	823	725	573
2012	321	498	901	855	598
\$1,000, 2017	7,317	18,295	26,282	28,638	30,299
2012	4,587	21,879	29,557	31,743	31,739
Item	Dallas	Davis	Decatur	Delaware	Des Moines
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text) farms, 2017	235	468	291	662	155
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	1,518	2,783	1,560	6,518	311
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) farms, 2017	465	375	308	893	332
2012 ¹	610	521	392	1,018	382
\$1,000, 2017	7,604	3,442	2,794	12,209	3,281
2012 ¹	11,125	5,132	4,381	18,202	3,410
Production expenses paid by landlords ² farms, 2017	68	20	15	33	58
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	2,352	614	283	835	1,138
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed farms, 2017	420	392	287	833	321
2012	519	503	339	959	367
\$1,000, 2017	15,648	8,944	9,632	38,353	9,572
2012	18,938	8,584	7,998	37,224	9,554

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Dickinson	Dubuque	Emmet	Fayette	Floyd
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text)farms, 2017	122	729	156	434	265
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	1,374	6,106	1,865	5,000	2,127
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text)farms, 2017	276	876	352	771	555
2012 ¹	316	1,033	357	828	590
\$1,000, 2017	5,943	10,650	8,420	12,256	12,481
2012 ¹	5,080	12,674	10,160	16,168	10,328
Production expenses paid by landlords ²farms, 2017	42	20	82	41	45
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	3,228	257	3,231	2,310	505
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimedfarms, 2017	247	858	324	726	526
2012	302	874	332	829	585
\$1,000, 2017	9,795	32,010	19,334	29,431	18,463
2012	10,902	26,666	17,292	31,794	20,963
Item	Franklin	Fremont	Greene	Grundy	Guthrie
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text)farms, 2017	251	125	211	236	284
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	1,915	283	1,406	2,039	3,098
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text)farms, 2017	543	334	481	540	484
2012 ¹	599	351	544	531	537
\$1,000, 2017	12,933	5,982	13,113	10,842	8,751
2012 ¹	15,134	7,136	10,401	11,937	10,398
Production expenses paid by landlords ²farms, 2017	42	77	114	51	54
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	1,674	4,833	5,788	1,872	1,568
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimedfarms, 2017	464	259	437	471	464
2012	588	345	529	539	510
\$1,000, 2017	22,012	13,026	21,403	19,943	13,396
2012	24,658	14,873	23,756	27,458	16,247
Item	Hamilton	Hancock	Hardin	Harrison	Henry
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text)farms, 2017	224	181	282	225	283
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	5,004	2,181	2,602	1,229	1,011
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text)farms, 2017	523	587	543	455	480
2012 ¹	565	638	535	551	482
\$1,000, 2017	14,607	13,276	13,262	12,777	5,137
2012 ¹	19,414	17,382	15,375	8,870	5,477
Production expenses paid by landlords ²farms, 2017	77	64	53	73	61
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	5,208	2,657	1,737	4,588	1,451
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimedfarms, 2017	457	512	504	400	423
2012	488	602	526	501	487
\$1,000, 2017	32,699	27,567	30,039	19,595	15,401
2012	35,503	30,965	34,341	23,747	14,331

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Howard	Humboldt	Ida	Iowa	Jackson
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text) farms, 2017	305	148	208	387	611
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	2,356	843	1,919	2,697	3,286
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) farms, 2017	526	391	356	538	645
2012 ¹	576	419	401	665	857
\$1,000, 2017	10,618	7,428	8,080	8,502	6,549
2012 ¹	13,342	7,665	11,684	11,696	13,240
Production expenses paid by landlords ² farms, 2017	24	93	34	28	27
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	953	3,362	2,356	648	249
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed farms, 2017	522	369	314	493	653
2012	570	380	396	604	775
\$1,000, 2017	18,369	13,700	13,631	18,520	17,025
2012	24,401	16,849	15,445	21,139	17,575
Item	Jasper	Jefferson	Johnson	Jones	Keokuk
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text) farms, 2017	378	240	538	500	352
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	1,161	707	1,760	2,834	2,093
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) farms, 2017	640	275	723	697	529
2012 ¹	735	355	854	725	586
\$1,000, 2017	8,375	4,106	9,339	7,688	7,784
2012 ¹	12,204	4,075	10,899	8,602	8,038
Production expenses paid by landlords ² farms, 2017	79	22	59	34	27
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	2,377	593	1,303	596	979
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed farms, 2017	573	299	677	633	506
2012	658	347	789	662	576
\$1,000, 2017	21,246	12,299	18,581	21,781	15,798
2012	22,160	9,249	21,099	24,115	14,654
Item	Kossuth	Lee	Linn	Louisa	Lucas
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text) farms, 2017	340	286	521	168	276
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	3,175	1,128	1,666	547	995
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) farms, 2017	946	405	795	291	247
2012 ¹	1,037	486	853	395	344
\$1,000, 2017	19,958	4,778	9,226	4,998	3,404
2012 ¹	17,957	4,241	12,557	4,682	2,113
Production expenses paid by landlords ² farms, 2017	127	47	42	30	25
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	4,884	759	1,211	1,415	383
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed farms, 2017	897	418	724	323	238
2012	1,014	486	816	351	274
\$1,000, 2017	47,483	11,259	20,736	16,776	5,670
2012	46,041	10,375	26,187	10,211	4,162

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Lyon	Madison	Mahaska	Marion	Marshall
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text)farms, 2017	639	396	347	373	298
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	14,740	2,119	2,853	883	2,673
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text)farms, 2017	849	445	539	520	567
2012 ¹	914	565	655	580	582
\$1,000, 2017	17,765	4,206	7,434	5,327	9,595
2012 ¹	24,720	8,489	11,857	4,376	10,725
Production expenses paid by landlords ²farms, 2017	79	61	52	43	71
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	2,110	2,569	1,074	1,730	2,861
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimedfarms, 2017	803	452	514	507	513
2012	831	542	619	589	545
\$1,000, 2017	42,513	12,228	17,893	10,528	18,036
2012	39,735	9,920	19,316	10,943	25,385
Item	Mills	Mitchell	Monona	Monroe	Montgomery
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text)farms, 2017	111	344	171	275	177
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	281	2,687	927	839	1,249
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text)farms, 2017	279	531	396	278	350
2012 ¹	294	680	378	355	350
\$1,000, 2017	5,456	9,918	6,025	2,646	6,062
2012 ¹	4,074	14,245	8,434	2,758	5,255
Production expenses paid by landlords ²farms, 2017	63	32	57	16	44
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	2,884	918	1,614	221	1,736
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimedfarms, 2017	247	515	318	268	325
2012	289	638	337	311	315
\$1,000, 2017	9,194	24,912	13,197	8,385	11,385
2012	11,253	22,036	21,105	5,079	13,637
Item	Muscatine	O'Brien	Osceola	Page	Palo Alto
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text)farms, 2017	274	369	227	299	203
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	2,638	4,307	4,749	939	3,452
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text)farms, 2017	383	679	455	443	527
2012 ¹	481	694	422	514	566
\$1,000, 2017	6,604	13,936	20,293	5,926	19,262
2012 ¹	7,004	12,804	14,134	7,505	19,181
Production expenses paid by landlords ²farms, 2017	22	84	52	83	97
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	509	2,338	2,344	5,219	3,760
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimedfarms, 2017	380	642	417	400	525
2012	467	663	431	463	535
\$1,000, 2017	16,453	24,214	24,512	10,296	24,160
2012	12,487	29,512	22,426	15,304	27,714

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Plymouth	Pocahontas	Polk	Pottawattamie	Poweshiek
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text) farms, 2017	564	158	252	412	359
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	11,499	2,012	488	2,496	3,056
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) farms, 2017	895	531	423	661	512
2012 ¹	977	522	444	825	565
\$1,000, 2017	19,611	9,924	3,933	14,790	25,592
2012 ¹	21,401	9,981	4,277	14,666	24,288
Production expenses paid by landlords ² farms, 2017	79	157	58	112	58
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	2,126	6,030	2,104	4,015	2,687
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed farms, 2017	792	500	327	614	477
2012	919	507	378	716	535
\$1,000, 2017	33,045	27,550	7,573	32,293	22,584
2012	37,857	27,845	10,992	31,897	23,889
Item	Ringgold	Sac	Scott	Shelby	Sioux
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text) farms, 2017	310	298	254	297	920
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	2,016	3,337	1,559	2,919	19,944
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) farms, 2017	337	636	431	623	1,283
2012 ¹	417	676	521	616	1,282
\$1,000, 2017	5,435	14,241	10,907	9,688	36,951
2012 ¹	5,037	14,361	11,595	13,713	55,506
Production expenses paid by landlords ² farms, 2017	28	62	21	58	90
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	489	3,261	533	3,253	1,577
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed farms, 2017	319	532	441	548	1,236
2012	369	636	483	606	1,209
\$1,000, 2017	10,524	29,128	17,289	18,975	66,598
2012	8,733	28,996	17,916	25,441	65,785
Item	Story	Tama	Taylor	Union	Van Buren
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text) farms, 2017	258	395	302	351	287
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	1,088	3,321	1,197	1,918	1,168
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text) farms, 2017	547	686	363	357	356
2012 ¹	662	771	391	386	407
\$1,000, 2017	9,281	10,250	4,843	5,387	6,904
2012 ¹	10,018	10,645	4,737	3,905	5,304
Production expenses paid by landlords ² farms, 2017	72	41	32	22	23
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	2,208	939	668	858	576
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed farms, 2017	488	623	330	352	337
2012	569	644	317	353	396
\$1,000, 2017	16,782	16,787	9,469	13,000	10,337
2012	19,580	22,688	9,864	9,472	8,117

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2017 and 2012 (continued)

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

Item	Wapello	Warren	Washington	Wayne	Webster
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text)farms, 2017	262	408	517	334	193
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	818	777	11,225	1,317	2,022
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text)farms, 2017	312	516	695	338	573
2012 ¹	373	687	741	436	647
\$1,000, 2017	3,725	3,354	27,748	3,894	11,995
2012 ¹	4,466	4,837	53,407	3,424	13,518
Production expenses paid by landlords ²farms, 2017	25	50	51	29	111
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	512	981	1,568	878	7,863
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimedfarms, 2017	353	521	630	380	500
2012	389	649	695	355	642
\$1,000, 2017	7,918	7,805	42,109	9,478	19,164
2012	8,212	9,498	30,598	10,306	23,845
Item	Winnebago	Winneshiek	Woodbury	Worth	Wright
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock (see text)farms, 2017	109	668	350	140	163
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	1,573	5,558	2,748	384	4,791
2012	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text)farms, 2017	382	865	667	344	469
2012 ¹	404	1,016	661	399	548
\$1,000, 2017	9,257	12,898	12,763	6,319	27,658
2012 ¹	7,631	15,754	14,468	6,915	35,160
Production expenses paid by landlords ²farms, 2017	20	33	58	21	69
2012	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2017	657	468	2,732	767	3,976
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimedfarms, 2017	347	852	567	340	449
2012	409	915	586	396	497
\$1,000, 2017	18,028	28,551	22,371	13,278	31,371
2012	23,303	27,852	26,962	17,868	32,372

¹ Data for 2012 include expenses for medical supplies, veterinary, and custom services for animals.

² Landlord production expenses are included within total farm production expenses.