

**Table 3. Farm Production Expenses: 2022 and 2017**

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

Item	Michigan	Alcona	Alger	Allegan	Alpena
Total farm production expenses ..... farms, 2022	45,581	199	95	1,120	305
..... farms, 2017	47,641	223	126	1,172	415
..... \$1,000, 2022	9,791,411	9,915	3,578	565,000	27,610
..... \$1,000, 2017	7,208,181	10,585	4,388	492,678	20,991
Average per farm ..... dollars, 2022	214,813	49,822	37,661	504,464	90,523
..... dollars, 2017	151,302	47,467	34,823	420,373	50,581
Fertilizer, lime, and soil conditioners purchased ..... farms, 2022	22,906	76	39	544	132
..... farms, 2017	25,277	87	54	648	175
..... \$1,000, 2022	926,497	926	218	23,315	3,008
..... \$1,000, 2017	592,379	508	156	17,630	1,726
Chemicals purchased ..... farms, 2022	21,874	76	28	519	105
..... farms, 2017	21,160	61	31	545	99
..... \$1,000, 2022	548,022	311	41	14,067	1,123
..... \$1,000, 2017	360,374	142	35	11,644	649
Seeds, plants, vines, and trees purchased ..... farms, 2022	23,727	85	50	514	137
..... farms, 2017	20,784	63	62	503	134
..... \$1,000, 2022	824,324	723	288	18,662	2,081
..... \$1,000, 2017	604,053	694	211	17,438	1,456
Cover crop seed purchased ..... farms, 2022	4,578	33	9	93	15
..... farms, 2017	4,189	14	19	91	53
..... \$1,000, 2022	11,695	12	1	145	7
..... \$1,000, 2017	9,812	21	6	206	72
Livestock and poultry purchased or leased ..... farms, 2022	10,339	38	26	365	94
..... farms, 2017	11,498	38	45	375	106
..... \$1,000, 2022	426,745	211	100	38,470	763
..... \$1,000, 2017	390,358	(D)	158	34,699	414
Breeding livestock purchased or leased ..... farms, 2022	4,013	15	6	174	50
..... farms, 2017	4,570	21	21	146	46
..... \$1,000, 2022	95,039	81	(D)	8,751	470
..... \$1,000, 2017	87,771	(D)	57	4,582	201
Other livestock and poultry purchased or leased ..... farms, 2022	8,112	30	22	244	72
..... farms, 2017	8,630	18	38	284	83
..... \$1,000, 2022	331,706	130	(D)	29,719	293
..... \$1,000, 2017	302,587	123	101	30,117	213
Feed purchased ..... farms, 2022	20,315	86	42	624	168
..... farms, 2017	22,882	105	76	685	222
..... \$1,000, 2022	1,661,376	1,505	787	200,373	3,703
..... \$1,000, 2017	1,269,333	2,197	799	179,919	4,772
Gasoline, fuels, and oils purchased ..... farms, 2022	43,769	185	88	1,101	299
..... farms, 2017	45,095	209	121	1,133	402
..... \$1,000, 2022	467,579	765	288	18,734	2,073
..... \$1,000, 2017	313,479	746	306	13,324	1,473
Utilities ..... farms, 2022	31,535	132	59	763	208
..... farms, 2017	32,201	146	79	833	291
..... \$1,000, 2022	250,513	368	155	15,536	857
..... \$1,000, 2017	190,561	383	253	11,898	684
Repairs, supplies, and maintenance costs ..... farms, 2022	38,381	165	73	932	240
..... farms, 2017	39,756	189	121	973	334
..... \$1,000, 2022	764,688	1,207	315	29,441	2,566
..... \$1,000, 2017	524,438	1,427	441	23,053	1,606
Hired farm labor ..... farms, 2022	10,269	37	7	296	71
..... farms, 2017	11,907	32	20	360	69
..... \$1,000, 2022	1,270,534	1,421	206	75,303	3,704
..... \$1,000, 2017	952,388	909	500	68,966	2,659
Contract labor ..... farms, 2022	3,951	12	6	124	22
..... farms, 2017	3,245	8	4	114	10
..... \$1,000, 2022	223,943	(D)	(D)	18,144	336
..... \$1,000, 2017	109,346	(D)	50	9,066	140
Customwork and custom hauling ..... farms, 2022	8,883	27	11	228	52
..... farms, 2017	9,567	29	9	261	59
..... \$1,000, 2022	289,982	228	196	16,431	915
..... \$1,000, 2017	165,370	519	46	5,393	471
Cash rent for land, buildings, and grazing fees ..... farms, 2022	12,064	37	12	321	80
..... farms, 2017	12,268	51	30	330	82
..... \$1,000, 2022	651,426	416	140	23,307	1,505
..... \$1,000, 2017	486,995	572	453	17,689	734
Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... farms, 2022	3,778	3	3	84	20
..... farms, 2017	3,900	4	6	105	26
..... \$1,000, 2022	83,499	(D)	(D)	1,769	247
..... \$1,000, 2017	54,493	(D)	5	1,703	70
Interest expense ..... farms, 2022	15,693	60	24	373	83
..... farms, 2017	16,660	53	41	400	122
..... \$1,000, 2022	307,941	279	153	10,121	1,374
..... \$1,000, 2017	297,871	325	276	12,768	1,220
Secured by real estate ..... farms, 2022	12,095	47	20	285	65
..... farms, 2017	13,505	44	30	324	103
..... \$1,000, 2022	207,864	222	86	6,386	923
..... \$1,000, 2017	212,045	281	147	9,280	891
Not secured by real estate ..... farms, 2022	8,939	28	16	208	63
..... farms, 2017	9,651	34	30	227	70
..... \$1,000, 2022	100,077	57	67	3,735	451
..... \$1,000, 2017	85,827	44	129	3,488	329
Property taxes paid ..... farms, 2022	43,389	190	93	1,057	302
..... farms, 2017	45,697	220	122	1,128	409
..... \$1,000, 2022	294,207	642	284	9,320	1,119
..... \$1,000, 2017	250,626	591	321	8,214	1,368

See footnote(s) at end of table.

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

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

Item	Antrim	Arenac	Baraga	Barry	Bay
Total farm production expenses ..... farms, 2022	350	308	78	897	659
2017	333	350	65	938	726
\$1,000, 2022	41,825	53,843	3,157	151,493	129,117
2017	29,311	35,772	1,517	116,680	98,323
Average per farm .....dollars, 2022	119,499	174,814	40,476	168,888	195,928
2017	88,022	102,205	23,343	124,392	135,431
Fertilizer, lime, and soil conditioners purchased ..... farms, 2022	200	160	21	347	434
2017	195	189	23	414	455
\$1,000, 2022	1,816	7,462	(D)	11,199	24,951
2017	2,331	4,654	119	6,635	16,349
Chemicals purchased ..... farms, 2022	140	154	13	315	437
2017	157	164	16	339	437
\$1,000, 2022	3,770	3,112	(D)	5,609	14,198
2017	3,415	2,054	53	3,536	8,797
Seeds, plants, vines, and trees purchased ..... farms, 2022	167	168	40	348	435
2017	142	155	25	293	429
\$1,000, 2022	1,368	4,918	185	8,037	17,348
2017	1,751	4,180	211	6,850	14,682
Cover crop seed purchased .....farms, 2022	57	27	7	66	80
2017	46	22	4	54	103
\$1,000, 2022	46	70	4	135	393
2017	8	102	1	109	413
Livestock and poultry purchased or leased ..... farms, 2022	63	30	26	264	58
2017	72	44	19	264	73
\$1,000, 2022	446	550	157	3,290	340
2017	724	411	68	6,122	576
Breeding livestock purchased or leased ..... farms, 2022	17	6	16	148	19
2017	14	17	5	117	31
\$1,000, 2022	130	36	141	1,645	140
2017	68	142	57	2,886	398
Other livestock and poultry purchased or leased .....farms, 2022	57	25	13	179	50
2017	64	37	14	191	48
\$1,000, 2022	316	514	16	1,644	200
2017	656	269	11	3,236	178
Feed purchased ..... farms, 2022	146	84	39	526	129
2017	134	92	38	547	156
\$1,000, 2022	2,695	8,748	383	41,018	1,150
2017	1,805	4,046	89	31,941	1,823
Gasoline, fuels, and oils purchased .....farms, 2022	343	293	77	859	640
2017	329	307	63	886	672
\$1,000, 2022	2,532	3,513	268	6,154	8,614
2017	1,777	2,741	98	4,205	6,761
Utilities .....farms, 2022	239	196	57	590	467
2017	227	212	41	594	485
\$1,000, 2022	1,569	1,337	170	3,911	2,863
2017	1,037	771	72	3,194	2,273
Repairs, supplies, and maintenance costs .....farms, 2022	287	253	77	768	552
2017	281	268	59	773	616
\$1,000, 2022	3,567	5,065	507	11,509	12,982
2017	2,511	3,649	141	8,422	9,958
Hired farm labor ..... farms, 2022	83	49	12	155	167
2017	99	67	10	196	178
\$1,000, 2022	10,006	5,604	(D)	16,011	9,534
2017	6,768	3,382	75	11,988	6,149
Contract labor ..... farms, 2022	56	20	7	50	61
2017	32	11	4	74	34
\$1,000, 2022	2,097	199	22	1,076	1,162
2017	212	(D)	19	1,305	357
Customwork and custom hauling ..... farms, 2022	32	52	15	163	126
2017	31	83	6	217	150
\$1,000, 2022	1,035	2,351	(D)	10,657	1,139
2017	107	716	3	4,251	1,183
Cash rent for land, buildings, and grazing fees ..... farms, 2022	42	112	24	215	257
2017	49	112	11	220	281
\$1,000, 2022	2,494	3,056	172	8,327	16,735
2017	940	2,350	158	8,361	12,060
Rent and lease expenses for machinery, equipment, and farm share of vehicles .....farms, 2022	34	22	8	53	75
2017	34	40	3	71	62
\$1,000, 2022	618	289	7	694	1,091
2017	302	(D)	1	612	745
Interest expense ..... farms, 2022	103	105	28	295	266
2017	117	124	22	346	321
\$1,000, 2022	1,727	1,921	143	5,651	4,829
2017	1,373	1,291	114	4,043	5,215
Secured by real estate .....farms, 2022	81	88	17	240	203
2017	83	102	18	276	262
\$1,000, 2022	1,231	1,308	103	4,110	3,817
2017	1,077	856	68	3,005	3,820
Not secured by real estate .....farms, 2022	58	55	16	153	159
2017	71	59	10	207	168
\$1,000, 2022	496	614	40	1,540	1,012
2017	297	435	46	1,038	1,395
Property taxes paid .....farms, 2022	334	297	64	868	613
2017	329	339	65	900	685
\$1,000, 2022	2,242	1,847	267	5,026	5,432
2017	1,894	1,847	179	4,086	4,971

See footnote(s) at end of table.

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

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

Item	Benzie	Berrien	Branch	Calhoun	Cass
Total farm production expenses ..... farms, 2022	194	792	758	898	651
2017	197	872	789	958	747
\$1,000, 2022	14,992	202,561	199,934	151,874	173,338
2017	10,740	144,640	140,272	107,115	136,525
Average per farm .....dollars, 2022	77,281	255,758	263,765	169,125	266,265
2017	54,519	165,871	177,785	111,811	182,765
Fertilizer, lime, and soil conditioners purchased ..... farms, 2022	94	481	399	441	359
2017	120	571	466	517	421
\$1,000, 2022	856	20,033	22,672	18,004	19,161
2017	411	11,173	16,277	11,904	12,860
Chemicals purchased ..... farms, 2022	69	505	398	433	316
2017	84	539	398	449	365
\$1,000, 2022	1,463	18,165	12,205	9,071	10,630
2017	1,063	11,773	8,040	5,665	9,687
Seeds, plants, vines, and trees purchased ..... farms, 2022	101	465	392	454	334
2017	98	420	400	407	357
\$1,000, 2022	699	18,365	20,428	16,904	13,567
2017	442	13,553	15,374	12,837	13,540
Cover crop seed purchased .....farms, 2022	18	87	58	95	72
2017	30	73	54	74	57
\$1,000, 2022	6	240	143	390	213
2017	7	79	183	144	183
Livestock and poultry purchased or leased ..... farms, 2022	51	96	181	218	119
2017	43	131	211	205	169
\$1,000, 2022	414	3,973	14,788	3,445	12,959
2017	525	4,052	11,267	3,244	6,972
Breeding livestock purchased or leased ..... farms, 2022	12	42	82	92	60
2017	5	35	82	84	72
\$1,000, 2022	228	364	1,867	1,229	2,878
2017	8	290	1,677	253	1,041
Other livestock and poultry purchased or leased .....farms, 2022	39	66	131	156	84
2017	41	112	159	154	112
\$1,000, 2022	186	3,609	12,921	2,215	10,080
2017	517	3,762	9,590	2,991	5,931
Feed purchased ..... farms, 2022	78	206	312	430	294
2017	89	263	388	470	364
\$1,000, 2022	714	4,772	33,976	17,030	21,743
2017	331	4,875	16,976	13,544	21,396
Gasoline, fuels, and oils purchased .....farms, 2022	178	775	741	857	627
2017	173	824	746	895	701
\$1,000, 2022	933	10,325	11,382	7,431	7,446
2017	489	5,353	7,306	4,747	5,941
Utilities .....farms, 2022	136	547	524	582	451
2017	143	616	521	615	489
\$1,000, 2022	623	5,588	5,226	3,960	4,783
2017	375	3,524	3,949	3,108	3,875
Repairs, supplies, and maintenance costs .....farms, 2022	151	666	618	720	528
2017	168	728	660	782	602
\$1,000, 2022	1,758	17,887	14,256	12,739	10,003
2017	987	9,030	10,636	8,610	7,766
Hired farm labor ..... farms, 2022	36	245	143	175	156
2017	43	280	184	200	171
\$1,000, 2022	3,342	47,653	15,806	16,445	16,147
2017	3,202	36,975	10,249	11,133	13,798
Contract labor ..... farms, 2022	26	140	69	55	46
2017	23	115	81	42	51
\$1,000, 2022	700	8,920	1,434	648	2,847
2017	401	3,356	1,281	518	1,064
Customwork and custom hauling ..... farms, 2022	16	185	194	169	153
2017	32	194	219	178	179
\$1,000, 2022	157	3,710	4,449	5,422	3,940
2017	416	3,337	3,056	2,487	3,148
Cash rent for land, buildings, and grazing fees ..... farms, 2022	14	221	236	242	202
2017	19	237	234	237	233
\$1,000, 2022	561	10,460	17,376	14,779	17,726
2017	174	10,269	15,668	9,318	13,327
Rent and lease expenses for machinery, equipment, and farm share of vehicles .....farms, 2022	9	94	65	52	47
2017	26	81	83	42	69
\$1,000, 2022	51	1,661	2,308	922	2,085
2017	76	820	1,284	855	980
Interest expense ..... farms, 2022	50	319	284	321	236
2017	64	293	350	343	269
\$1,000, 2022	519	8,500	4,781	6,693	6,329
2017	494	4,852	7,136	5,603	6,483
Secured by real estate .....farms, 2022	37	249	238	247	181
2017	43	236	271	291	211
\$1,000, 2022	431	5,233	3,498	4,731	4,339
2017	312	3,800	5,347	4,016	4,425
Not secured by real estate .....farms, 2022	29	191	128	182	122
2017	36	157	217	189	138
\$1,000, 2022	89	3,266	1,283	1,962	1,990
2017	182	1,052	1,788	1,588	2,058
Property taxes paid .....farms, 2022	186	737	724	854	605
2017	186	830	758	933	715
\$1,000, 2022	816	5,683	4,721	5,845	5,112
2017	538	4,926	4,568	5,167	5,365

See footnote(s) at end of table.

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

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

Item	Charlevoix	Cheboygan	Chippewa	Clare	Clinton
Total farm production expenses ..... farms, 2022	209	268	335	336	1,107
2017	271	330	427	396	1,017
\$1,000, 2022	9,801	8,344	15,079	23,283	291,350
2017	7,005	7,810	10,790	20,050	210,457
Average per farm .....dollars, 2022	46,895	31,136	45,011	69,295	263,188
2017	25,850	23,667	25,270	50,631	206,939
Fertilizer, lime, and soil conditioners purchased ..... farms, 2022	100	105	105	143	527
2017	119	120	131	165	559
\$1,000, 2022	895	480	423	1,224	22,636
2017	777	532	303	767	14,801
Chemicals purchased ..... farms, 2022	79	52	56	100	543
2017	87	89	45	90	508
\$1,000, 2022	352	77	117	329	11,767
2017	303	70	33	235	7,341
Seeds, plants, vines, and trees purchased ..... farms, 2022	93	110	145	125	557
2017	90	109	105	101	490
\$1,000, 2022	519	452	498	1,018	19,211
2017	484	233	154	695	13,837
Cover crop seed purchased .....farms, 2022	22	17	39	21	92
2017	22	19	24	23	77
\$1,000, 2022	11	6	17	34	464
2017	90	6	12	5	118
Livestock and poultry purchased or leased ..... farms, 2022	50	82	95	85	286
2017	78	86	107	140	268
\$1,000, 2022	180	322	630	1,925	12,114
2017	318	252	535	1,662	6,853
Breeding livestock purchased or leased ..... farms, 2022	18	23	45	28	120
2017	20	24	38	67	125
\$1,000, 2022	87	164	225	1,378	6,349
2017	28	180	157	945	3,582
Other livestock and poultry purchased or leased .....farms, 2022	39	69	63	68	219
2017	75	64	83	103	185
\$1,000, 2022	93	158	405	547	5,765
2017	290	72	378	717	3,271
Feed purchased ..... farms, 2022	109	121	170	192	495
2017	141	188	219	262	528
\$1,000, 2022	1,245	741	2,016	5,567	72,221
2017	810	1,451	1,749	5,494	52,928
Gasoline, fuels, and oils purchased .....farms, 2022	191	263	321	324	1,045
2017	253	325	409	372	978
\$1,000, 2022	708	792	1,258	1,379	11,784
2017	470	562	827	1,063	8,106
Utilities .....farms, 2022	144	160	246	236	714
2017	180	206	276	260	715
\$1,000, 2022	424	316	511	843	6,653
2017	328	304	483	728	5,478
Repairs, supplies, and maintenance costs .....farms, 2022	170	214	295	271	929
2017	208	274	339	339	862
\$1,000, 2022	952	1,221	1,527	2,869	22,177
2017	688	1,051	1,391	2,365	15,115
Hired farm labor ..... farms, 2022	43	35	61	49	206
2017	57	44	78	69	239
\$1,000, 2022	1,288	1,153	3,028	2,142	28,984
2017	622	781	1,403	2,535	25,726
Contract labor ..... farms, 2022	24	16	15	18	76
2017	20	7	15	15	61
\$1,000, 2022	335	108	200	(D)	1,285
2017	136	14	35	48	1,043
Customwork and custom hauling ..... farms, 2022	33	18	48	62	256
2017	30	27	39	67	282
\$1,000, 2022	297	17	239	509	15,457
2017	146	72	101	366	6,125
Cash rent for land, buildings, and grazing fees ..... farms, 2022	50	42	62	58	283
2017	39	46	88	68	268
\$1,000, 2022	343	732	1,348	660	20,849
2017	166	448	713	484	15,104
Rent and lease expenses for machinery, equipment, and farm share of vehicles .....farms, 2022	18	11	9	29	89
2017	5	5	10	49	101
\$1,000, 2022	56	38	19	(D)	1,856
2017	6	21	17	296	1,364
Interest expense ..... farms, 2022	51	63	98	91	350
2017	58	51	131	117	352
\$1,000, 2022	457	390	1,036	1,118	10,108
2017	338	185	879	827	9,943
Secured by real estate .....farms, 2022	42	48	74	79	297
2017	45	36	112	93	281
\$1,000, 2022	342	272	575	964	7,376
2017	289	108	630	706	6,972
Not secured by real estate .....farms, 2022	38	44	68	45	205
2017	36	27	82	72	208
\$1,000, 2022	116	118	461	154	2,732
2017	49	76	249	121	2,971
Property taxes paid .....farms, 2022	193	257	333	329	1,047
2017	257	317	416	378	981
\$1,000, 2022	785	814	1,203	1,357	7,884
2017	756	628	1,128	1,160	6,082

See footnote(s) at end of table.

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

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

Item	Crawford	Delta	Dickinson	Eaton	Emmet
Total farm production expenses ..... farms, 2022	29	282	133	953	376
..... farms, 2017	45	253	158	962	324
..... \$1,000, 2022	499	13,177	4,991	104,933	13,017
..... \$1,000, 2017	720	10,159	4,647	71,275	12,087
Average per farm ..... dollars, 2022	17,205	46,727	37,525	110,108	34,621
..... dollars, 2017	16,006	40,154	29,411	74,091	37,304
Fertilizer, lime, and soil conditioners purchased ..... farms, 2022	14	110	55	492	183
..... farms, 2017	18	94	50	537	129
..... \$1,000, 2022	13	1,154	426	19,436	506
..... \$1,000, 2017	16	939	284	11,631	324
Chemicals purchased ..... farms, 2022	10	89	45	490	130
..... farms, 2017	10	54	51	465	76
..... \$1,000, 2022	6	555	301	9,836	183
..... \$1,000, 2017	2	437	215	5,668	56
Seeds, plants, vines, and trees purchased ..... farms, 2022	11	146	50	495	204
..... farms, 2017	5	67	60	462	110
..... \$1,000, 2022	11	674	199	14,022	1,526
..... \$1,000, 2017	2	515	316	11,052	487
Cover crop seed purchased ..... farms, 2022	1	23	14	55	46
..... farms, 2017	1	16	26	63	37
..... \$1,000, 2022	(D)	14	10	256	28
..... \$1,000, 2017	(D)	13	14	94	8
Livestock and poultry purchased or leased ..... farms, 2022	8	62	32	211	95
..... farms, 2017	10	71	35	180	91
..... \$1,000, 2022	(D)	311	78	1,139	284
..... \$1,000, 2017	21	483	129	953	280
Breeding livestock purchased or leased ..... farms, 2022	2	30	10	96	31
..... farms, 2017	2	40	11	53	29
..... \$1,000, 2022	(D)	98	18	675	102
..... \$1,000, 2017	(D)	264	76	351	144
Other livestock and poultry purchased or leased ..... farms, 2022	7	47	27	142	77
..... farms, 2017	10	41	29	150	73
..... \$1,000, 2022	6	213	60	463	182
..... \$1,000, 2017	(D)	219	53	602	136
Feed purchased ..... farms, 2022	18	122	55	429	181
..... farms, 2017	41	120	76	411	163
..... \$1,000, 2022	(D)	1,525	492	3,717	1,091
..... \$1,000, 2017	165	870	761	2,640	1,405
Gasoline, fuels, and oils purchased ..... farms, 2022	29	266	133	939	356
..... farms, 2017	43	239	155	924	317
..... \$1,000, 2022	61	1,021	364	6,944	1,001
..... \$1,000, 2017	37	948	420	3,739	622
Utilities ..... farms, 2022	21	199	94	667	259
..... farms, 2017	37	163	97	599	214
..... \$1,000, 2022	(D)	542	190	2,318	554
..... \$1,000, 2017	49	435	180	1,628	722
Repairs, supplies, and maintenance costs ..... farms, 2022	28	227	119	838	334
..... farms, 2017	31	211	127	800	261
..... \$1,000, 2022	86	2,131	377	10,523	1,746
..... \$1,000, 2017	38	1,705	673	6,623	1,099
Hired farm labor ..... farms, 2022	10	38	20	164	66
..... farms, 2017	2	44	33	205	64
..... \$1,000, 2022	66	1,255	648	4,330	2,664
..... \$1,000, 2017	(D)	1,343	691	3,075	3,941
Contract labor ..... farms, 2022	-	15	4	49	18
..... farms, 2017	-	10	5	44	27
..... \$1,000, 2022	-	152	(D)	839	358
..... \$1,000, 2017	-	135	8	308	161
Customwork and custom hauling ..... farms, 2022	-	21	5	210	48
..... farms, 2017	3	17	13	212	41
..... \$1,000, 2022	-	82	(D)	2,010	164
..... \$1,000, 2017	(D)	108	53	1,544	138
Cash rent for land, buildings, and grazing fees ..... farms, 2022	2	51	25	274	48
..... farms, 2017	3	53	14	270	50
..... \$1,000, 2022	(D)	1,095	646	11,119	305
..... \$1,000, 2017	4	182	27	8,356	112
Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... farms, 2022	-	8	5	58	23
..... farms, 2017	1	23	4	53	8
..... \$1,000, 2022	-	11	(D)	610	46
..... \$1,000, 2017	(D)	90	4	632	114
Interest expense ..... farms, 2022	3	83	37	361	75
..... farms, 2017	13	73	37	331	80
..... \$1,000, 2022	8	606	284	5,516	367
..... \$1,000, 2017	112	374	133	4,353	561
Secured by real estate ..... farms, 2022	1	49	28	276	62
..... farms, 2017	12	65	30	254	69
..... \$1,000, 2022	(D)	502	166	3,849	280
..... \$1,000, 2017	102	265	105	3,269	492
Not secured by real estate ..... farms, 2022	2	58	25	229	43
..... farms, 2017	9	35	19	194	26
..... \$1,000, 2022	(D)	104	117	1,667	87
..... \$1,000, 2017	9	109	28	1,084	68
Property taxes paid ..... farms, 2022	29	272	127	917	342
..... farms, 2017	45	238	157	916	317
..... \$1,000, 2022	88	1,057	361	5,451	1,205
..... \$1,000, 2017	216	891	409	4,695	1,251

See footnote(s) at end of table.

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

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

Item	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot
Total farm production expenses ..... farms, 2022	793	419	58	553	818
..... farms, 2017	820	459	54	497	812
..... \$1,000, 2022	78,614	22,601	2,022	52,364	371,554
..... \$1,000, 2017	68,312	15,389	696	32,276	244,909
Average per farm ..... dollars, 2022	99,135	53,940	34,865	94,690	454,223
..... dollars, 2017	83,308	33,526	12,880	64,941	301,612
Fertilizer, lime, and soil conditioners purchased ..... farms, 2022	352	165	16	320	482
..... farms, 2017	383	193	12	288	520
..... \$1,000, 2022	11,343	2,663	(D)	3,474	34,476
..... \$1,000, 2017	6,791	2,059	10	2,245	19,963
Chemicals purchased ..... farms, 2022	335	132	16	300	512
..... farms, 2017	322	136	5	256	493
..... \$1,000, 2022	5,518	996	(D)	4,801	18,910
..... \$1,000, 2017	3,324	579	(D)	3,977	11,850
Seeds, plants, vines, and trees purchased ..... farms, 2022	421	161	19	256	504
..... farms, 2017	324	147	11	193	434
..... \$1,000, 2022	12,987	1,862	(D)	2,512	27,386
..... \$1,000, 2017	9,625	1,234	21	1,386	20,533
Cover crop seed purchased ..... farms, 2022	82	32	6	83	66
..... farms, 2017	49	32	-	37	34
..... \$1,000, 2022	56	32	1	55	158
..... \$1,000, 2017	167	28	-	15	271
Livestock and poultry purchased or leased ..... farms, 2022	197	103	14	105	174
..... farms, 2017	201	141	23	85	155
..... \$1,000, 2022	1,187	384	141	1,828	23,099
..... \$1,000, 2017	990	581	22	1,118	16,031
Breeding livestock purchased or leased ..... farms, 2022	70	40	2	40	79
..... farms, 2017	73	60	5	29	63
..... \$1,000, 2022	176	124	(D)	665	3,318
..... \$1,000, 2017	294	181	13	397	2,586
Other livestock and poultry purchased or leased ..... farms, 2022	176	82	12	84	132
..... farms, 2017	148	97	22	60	108
..... \$1,000, 2022	1,011	260	(D)	1,163	19,780
..... \$1,000, 2017	696	400	9	721	13,445
Feed purchased ..... farms, 2022	371	221	32	219	283
..... farms, 2017	418	246	36	197	272
..... \$1,000, 2022	2,723	2,212	137	2,842	88,087
..... \$1,000, 2017	2,877	2,007	107	1,644	59,369
Gasoline, fuels, and oils purchased ..... farms, 2022	754	395	58	518	777
..... farms, 2017	792	421	54	463	753
..... \$1,000, 2022	4,970	1,509	88	2,909	15,065
..... \$1,000, 2017	3,021	1,142	46	1,459	8,860
Utilities ..... farms, 2022	539	267	34	400	599
..... farms, 2017	518	252	35	362	536
..... \$1,000, 2022	2,011	740	43	1,774	8,330
..... \$1,000, 2017	2,035	451	36	1,005	4,623
Repairs, supplies, and maintenance costs ..... farms, 2022	667	318	51	479	684
..... farms, 2017	686	323	47	388	670
..... \$1,000, 2022	7,129	2,481	238	3,926	29,969
..... \$1,000, 2017	4,750	1,391	92	2,716	15,343
Hired farm labor ..... farms, 2022	161	57	6	146	227
..... farms, 2017	169	62	13	160	220
..... \$1,000, 2022	5,825	2,234	(D)	11,871	41,611
..... \$1,000, 2017	11,126	1,005	(D)	7,245	22,174
Contract labor ..... farms, 2022	61	19	7	132	67
..... farms, 2017	37	16	4	94	59
..... \$1,000, 2022	962	147	(D)	5,272	1,809
..... \$1,000, 2017	469	119	5	1,433	1,978
Customwork and custom hauling ..... farms, 2022	122	36	4	63	205
..... farms, 2017	118	43	6	72	196
..... \$1,000, 2022	999	(D)	(D)	518	14,066
..... \$1,000, 2017	894	602	2	449	9,002
Cash rent for land, buildings, and grazing fees ..... farms, 2022	175	86	3	72	243
..... farms, 2017	177	80	5	80	249
..... \$1,000, 2022	7,593	1,512	8	2,561	24,862
..... \$1,000, 2017	5,412	671	6	1,099	18,568
Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... farms, 2022	56	38	-	55	108
..... farms, 2017	43	22	1	59	96
..... \$1,000, 2022	2,045	(D)	-	406	2,482
..... \$1,000, 2017	367	29	(D)	484	1,343
Interest expense ..... farms, 2022	257	120	3	176	349
..... farms, 2017	228	120	10	163	349
..... \$1,000, 2022	2,692	1,084	(D)	1,581	8,737
..... \$1,000, 2017	2,733	998	86	1,858	8,662
Secured by real estate ..... farms, 2022	180	97	2	146	290
..... farms, 2017	201	101	8	139	298
..... \$1,000, 2022	1,957	724	(D)	1,250	5,795
..... \$1,000, 2017	1,775	866	53	1,511	5,731
Not secured by real estate ..... farms, 2022	161	71	1	89	176
..... farms, 2017	138	64	6	80	213
..... \$1,000, 2022	735	361	(D)	331	2,942
..... \$1,000, 2017	957	132	33	347	2,931
Property taxes paid ..... farms, 2022	743	410	58	529	782
..... farms, 2017	785	458	54	479	767
..... \$1,000, 2022	4,047	1,540	189	2,733	6,692
..... \$1,000, 2017	4,401	1,386	137	2,105	5,232

See footnote(s) at end of table.

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

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

Item	Michigan	Alcona	Alger	Allegan	Alpena
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock .....					
.....farms, 2022	12,923	43	24	410	106
.....2017	16,114	78	52	492	154
.....\$1,000, 2022	142,679	103	94	13,124	584
.....2017	101,203	172	205	10,441	319
All other production expenses .....					
.....farms, 2022	26,033	91	34	623	145
.....2017	20,261	72	51	548	143
.....\$1,000, 2022	657,454	757	238	38,883	1,652
.....2017	544,913	864	172	48,832	1,231
Production expenses paid by landlords <sup>1</sup> .....					
.....farms, 2022	814	9	-	16	3
.....2017	648	-	3	16	1
.....\$1,000, 2022	21,821	59	-	887	3
.....2017	11,510	-	1	151	(D)
Depreciation expenses claimed .....					
.....farms, 2022	25,375	83	56	642	151
.....2017	20,933	96	43	513	162
.....\$1,000, 2022	1,114,966	1,651	543	58,935	4,471
.....2017	743,296	2,380	644	43,699	2,574
Item	Antrim	Arenac	Baraga	Barry	Bay
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock .....					
.....farms, 2022	78	60	34	363	80
.....2017	91	58	28	376	95
.....\$1,000, 2022	393	851	99	5,592	182
.....2017	154	476	24	4,331	322
All other production expenses .....					
.....farms, 2022	195	184	54	454	414
.....2017	149	153	24	375	320
.....\$1,000, 2022	3,450	3,022	222	7,732	6,567
.....2017	2,211	2,455	93	6,778	6,102
Production expenses paid by landlords <sup>1</sup> .....					
.....farms, 2022	6	4	-	9	10
.....2017	1	-	-	8	5
.....\$1,000, 2022	10	(D)	-	582	526
.....2017	(D)	(D)	-	60	41
Depreciation expenses claimed .....					
.....farms, 2022	214	162	47	433	402
.....2017	143	159	25	390	385
.....\$1,000, 2022	5,343	8,138	294	15,494	20,766
.....2017	3,635	5,333	579	12,645	14,842
Item	Benzie	Berrien	Branch	Calhoun	Cass
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock .....					
.....farms, 2022	50	141	218	293	193
.....2017	50	199	288	355	234
.....\$1,000, 2022	100	822	2,501	2,219	2,584
.....2017	30	352	1,284	1,791	2,092
All other production expenses .....					
.....farms, 2022	105	465	440	509	370
.....2017	97	400	340	360	342
.....\$1,000, 2022	1,285	16,044	11,623	10,318	16,279
.....2017	788	16,419	5,922	6,583	8,233
Production expenses paid by landlords <sup>1</sup> .....					
.....farms, 2022	1	9	12	29	17
.....2017	-	12	10	22	25
.....\$1,000, 2022	(D)	318	201	781	334
.....2017	-	246	531	707	214
Depreciation expenses claimed .....					
.....farms, 2022	112	484	420	478	339
.....2017	91	396	352	450	328
.....\$1,000, 2022	2,049	22,241	21,072	13,790	18,610
.....2017	1,022	11,522	14,063	10,160	12,171
Item	Charlevoix	Cheboygan	Chippewa	Clare	Clinton
Total farm production expenses - Con.					
Medical supplies, veterinary, and custom services for livestock .....					
.....farms, 2022	54	80	115	131	290
.....2017	94	114	159	192	375
.....\$1,000, 2022	185	98	310	536	6,412
.....2017	140	140	428	527	4,124
All other production expenses .....					
.....farms, 2022	112	120	188	141	551
.....2017	57	93	131	120	451
.....\$1,000, 2022	780	593	717	1,058	19,951
.....2017	517	1,067	611	798	16,488
Production expenses paid by landlords <sup>1</sup> .....					
.....farms, 2022	-	3	5	6	10
.....2017	2	1	2	7	11
.....\$1,000, 2022	-	7	20	71	173
.....2017	(D)	(D)	(D)	17	132
Depreciation expenses claimed .....					
.....farms, 2022	112	128	164	146	575
.....2017	81	86	150	150	477
.....\$1,000, 2022	1,667	1,980	2,399	2,153	29,475
.....2017	949	955	2,005	2,085	23,087

See footnote(s) at end of table.

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

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

Item	Crawford	Delta	Dickinson	Eaton	Emmet	
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock .....						
farms, 2022	4	85	37	317	76	
2017	37	90	47	296	109	
\$1,000, 2022	(D)	87	63	606	141	
2017	21	111	102	492	165	
All other production expenses .....						
farms, 2022	7	158	63	571	197	
2017	11	106	63	370	114	
\$1,000, 2022	13	919	392	6,518	877	
2017	32	592	242	3,887	648	
Production expenses paid by landlords <sup>1</sup> .....						
farms, 2022	-	4	1	18	1	
2017	-	-	-	11	-	
\$1,000, 2022	-	(D)	(D)	210	(D)	
2017	-	-	-	103	-	
Depreciation expenses claimed .....						
farms, 2022	5	147	70	512	219	
2017	9	112	64	478	113	
\$1,000, 2022	58	2,172	1,052	15,317	2,506	
2017	72	1,259	769	9,951	1,388	
Item	Genesee	Gladwin	Gogebic	Grand Traverse	Gratiot	
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock .....						
farms, 2022	231	127	17	131	175	
2017	281	169	26	135	190	
\$1,000, 2022	450	523	15	368	7,806	
2017	450	244	26	197	3,999	
All other production expenses .....						
farms, 2022	463	216	18	324	529	
2017	308	148	21	195	391	
\$1,000, 2022	6,132	1,574	161	2,988	18,167	
2017	9,049	887	75	1,856	17,380	
Production expenses paid by landlords <sup>1</sup> .....						
farms, 2022	18	8	-	11	26	
2017	11	4	-	9	26	
\$1,000, 2022	175	36	-	66	3,440	
2017	518	4	-	735	589	
Depreciation expenses claimed .....						
farms, 2022	412	174	26	353	483	
2017	338	156	20	215	424	
\$1,000, 2022	8,442	4,055	374	7,497	32,899	
2017	6,807	2,202	164	3,700	20,087	
Item	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock .....						
farms, 2022	406	59	259	310	323	59
2017	382	65	343	386	427	95
\$1,000, 2022	4,436	78	10,678	1,632	11,071	698
2017	2,350	58	7,992	1,623	4,505	389
All other production expenses .....						
farms, 2022	820	96	821	513	526	119
2017	474	63	694	369	432	91
\$1,000, 2022	12,953	425	31,443	9,178	29,879	1,016
2017	9,508	310	25,253	5,530	57,256	956
Production expenses paid by landlords <sup>1</sup> .....						
farms, 2022	22	4	47	14	17	3
2017	24	1	27	14	11	2
\$1,000, 2022	488	16	1,422	357	271	32
2017	409	(D)	1,137	191	140	(D)
Depreciation expenses claimed .....						
farms, 2022	731	96	797	447	554	105
2017	543	73	719	354	469	92
\$1,000, 2022	30,663	1,247	73,353	21,726	33,028	3,084
2017	16,677	785	44,602	12,860	23,776	2,374
Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock .....						
farms, 2022	42	194	345	165	48	343
2017	63	354	390	254	56	400
\$1,000, 2022	56	3,166	1,297	3,838	107	2,231
2017	51	1,718	950	3,529	64	2,241
All other production expenses .....						
farms, 2022	62	512	502	364	98	591
2017	48	416	368	316	78	472
\$1,000, 2022	162	10,335	5,340	34,477	1,707	23,646
2017	382	4,357	4,437	26,587	320	19,744
Production expenses paid by landlords <sup>1</sup> .....						
farms, 2022	4	15	17	9	-	21
2017	1	8	8	3	6	13
\$1,000, 2022	11	363	256	428	-	965
2017	(D)	31	203	30	2	305
Depreciation expenses claimed .....						
farms, 2022	63	416	431	341	84	575
2017	49	430	373	312	87	471
\$1,000, 2022	558	21,427	12,342	23,913	1,985	34,334
2017	509	13,491	8,440	18,097	1,203	18,930

See footnote(s) at end of table.

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

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

Item	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock .....						
farms, 2022	1	40	300	81	282	290
2017	3	61	421	102	325	318
\$1,000, 2022	(D)	70	770	174	2,915	953
2017	2	95	1,070	240	2,388	880
All other production expenses .....						
farms, 2022	4	61	558	302	705	410
2017	3	55	390	232	600	282
\$1,000, 2022	20	169	6,678	4,275	16,600	5,560
2017	4	360	4,682	3,023	15,153	3,293
Production expenses paid by landlords <sup>1</sup> .....						
farms, 2022	-	-	24	2	29	9
2017	-	-	8	3	29	8
\$1,000, 2022	-	-	245	(D)	1,257	(D)
2017	-	-	29	(D)	665	31
Depreciation expenses claimed .....						
farms, 2022	5	68	556	377	699	370
2017	3	46	390	259	605	288
\$1,000, 2022	10	601	17,030	8,580	29,529	10,321
2017	16	614	10,798	6,916	28,431	4,026
Item	Luce	Mackinac	Macomb	Manistee	Marquette	Mason
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock .....						
farms, 2022	15	48	105	58	58	116
2017	35	37	120	82	54	157
\$1,000, 2022	19	108	512	63	125	504
2017	22	162	576	57	74	835
All other production expenses .....						
farms, 2022	20	44	285	152	123	208
2017	15	37	206	104	65	204
\$1,000, 2022	376	375	8,438	1,104	207	4,603
2017	(D)	204	3,381	599	266	4,147
Production expenses paid by landlords <sup>1</sup> .....						
farms, 2022	-	-	2	8	-	2
2017	-	-	15	3	-	6
\$1,000, 2022	-	-	(D)	29	-	(D)
2017	-	-	52	11	-	111
Depreciation expenses claimed .....						
farms, 2022	25	44	317	143	101	250
2017	25	41	191	115	46	213
\$1,000, 2022	1,573	864	10,299	3,485	715	7,289
2017	542	479	5,540	1,207	725	4,785
Item	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock .....						
farms, 2022	226	105	141	103	244	256
2017	261	143	185	176	263	380
\$1,000, 2022	4,080	1,747	620	6,824	700	1,966
2017	5,211	1,016	518	3,254	440	1,346
All other production expenses .....						
farms, 2022	296	152	295	150	688	419
2017	237	147	210	175	531	400
\$1,000, 2022	11,441	3,039	4,192	22,327	9,491	15,796
2017	6,059	1,405	2,895	7,934	18,516	10,867
Production expenses paid by landlords <sup>1</sup> .....						
farms, 2022	16	3	7	14	41	23
2017	6	6	6	8	36	22
\$1,000, 2022	104	35	81	496	866	308
2017	29	33	30	43	629	616
Depreciation expenses claimed .....						
farms, 2022	355	148	244	189	685	404
2017	274	126	195	140	553	390
\$1,000, 2022	10,830	4,462	6,817	29,519	27,930	24,623
2017	9,415	3,127	3,877	10,432	15,187	20,832
Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock .....						
farms, 2022	31	132	284	190	118	107
2017	54	193	298	193	132	126
\$1,000, 2022	88	989	2,817	638	1,717	1,371
2017	256	517	2,436	489	1,249	1,096
All other production expenses .....						
farms, 2022	50	209	374	299	316	184
2017	51	197	285	191	259	135
\$1,000, 2022	329	7,241	12,582	3,587	18,713	3,590
2017	417	6,769	5,866	1,750	6,596	2,763
Production expenses paid by landlords <sup>1</sup> .....						
farms, 2022	5	4	9	11	7	3
2017	3	3	3	2	5	1
\$1,000, 2022	21	8	32	178	174	(D)
2017	38	(D)	(D)	(D)	110	(D)
Depreciation expenses claimed .....						
farms, 2022	51	226	374	278	295	135
2017	72	179	349	141	267	120
\$1,000, 2022	1,327	10,315	18,093	4,540	16,818	5,637
2017	1,079	6,533	10,563	3,003	16,158	5,501

See footnote(s) at end of table.

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

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

Item	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock .....						
farms, 2022	27	195	60	63	325	70
2017	42	246	66	60	474	91
\$1,000, 2022	28	2,351	241	97	7,069	299
2017	45	962	139	69	5,176	137
All other production expenses .....						
farms, 2022	45	265	76	102	608	167
2017	41	205	44	65	561	127
\$1,000, 2022	125	3,711	555	2,274	45,951	1,419
2017	196	2,410	201	443	37,711	814
Production expenses paid by landlords <sup>1</sup> .....						
farms, 2022	-	8	2	3	7	2
2017	-	8	-	-	14	10
\$1,000, 2022	-	11	(D)	14	(D)	(D)
2017	-	21	-	-	219	45
Depreciation expenses claimed .....						
farms, 2022	52	264	65	107	601	155
2017	53	250	33	70	550	113
\$1,000, 2022	541	8,024	987	2,773	44,294	3,014
2017	756	4,192	656	1,075	43,005	2,204
Item	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock .....						
farms, 2022	9	147	271	267	343	28
2017	26	203	362	319	466	31
\$1,000, 2022	16	1,159	845	1,994	5,568	51
2017	25	589	455	891	5,092	60
All other production expenses .....						
farms, 2022	19	852	573	475	874	31
2017	24	589	408	409	761	39
\$1,000, 2022	116	11,207	5,600	9,555	23,176	87
2017	110	7,748	3,376	14,006	13,598	(D)
Production expenses paid by landlords <sup>1</sup> .....						
farms, 2022	-	16	21	21	29	-
2017	-	23	10	6	34	-
\$1,000, 2022	-	297	581	417	1,154	-
2017	-	208	345	18	356	-
Depreciation expenses claimed .....						
farms, 2022	20	776	569	451	868	37
2017	19	600	442	443	804	17
\$1,000, 2022	371	25,967	14,188	27,959	66,272	653
2017	194	15,733	10,509	18,858	37,007	104
Item	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Total farm production expenses - Con.						
Medical supplies, veterinary, and custom services for livestock .....						
farms, 2022	251	248	151	444	66	111
2017	315	312	226	495	81	101
\$1,000, 2022	1,630	1,533	1,661	1,846	122	256
2017	1,127	1,460	755	1,049	144	176
All other production expenses .....						
farms, 2022	586	750	461	767	194	119
2017	414	593	407	591	122	76
\$1,000, 2022	7,021	13,555	17,828	9,393	4,063	1,612
2017	5,787	12,519	13,359	6,037	2,174	1,315
Production expenses paid by landlords <sup>1</sup> .....						
farms, 2022	24	20	8	19	5	1
2017	17	17	6	22	1	1
\$1,000, 2022	522	336	51	434	5	(D)
2017	137	265	6	580	(D)	(D)
Depreciation expenses claimed .....						
farms, 2022	604	720	462	786	199	111
2017	407	623	394	540	72	97
\$1,000, 2022	15,335	35,850	24,198	24,220	2,448	3,560
2017	11,800	23,917	15,097	12,020	2,572	1,318

<sup>1</sup> Landlord production expenses are included within total farm production expenses.