

Table 38. Machinery and Equipment on Operation: 2002 and 1997

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Ohio	Adams	Allen	Ashland	Ashtabula	Athens	Auglaize
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment farms, 2002	75,445	1,220	922	1,067	1,261	623	1,019
1997	78,719	1,433	1,015	1,061	1,177	600	1,088
\$1,000, 2002	5,139,223	43,267	66,998	72,305	59,591	25,334	142,473
1997	4,177,654	46,513	67,506	60,959	53,488	18,035	73,457
Average per farm dollars, 2002	68,119	35,465	72,666	67,764	47,257	40,665	139,817
1997	53,070	32,459	66,508	57,455	45,444	30,059	67,516
Farms by value group:							
\$1 to \$9,999 2002	19,537	392	159	337	367	200	133
1997	16,939	338	88	241	239	129	196
\$10,000 to \$19,999 2002	12,875	274	182	93	275	135	78
1997	16,778	391	175	167	249	148	268
\$20,000 to \$29,999 2002	8,771	192	120	191	145	91	115
1997	11,537	224	215	145	141	187	46
\$30,000 to \$49,999 2002	9,287	134	86	82	192	35	103
1997	10,759	227	201	138	293	60	120
\$50,000 to \$69,999 2002	6,082	38	106	41	50	39	105
1997	6,491	103	86	64	59	21	147
\$70,000 to \$99,999 2002	4,813	62	70	89	57	74	113
1997	4,921	38	44	113	67	110	110
\$100,000 to \$199,999 2002	7,291	95	95	132	132	28	125
1997	6,651	84	98	126	86	55	85
\$200,000 to \$499,999 2002	5,548	32	101	92	36	21	206
1997	4,006	28	94	58	36	-	110
\$500,000 or more 2002	1,241	1	3	10	7	-	41
1997	637	-	14	9	7	-	6
SELECTED MACHINERY AND EQUIPMENT							
Tractors farms, 2002	70,776	1,150	876	943	1,111	581	1,008
1997	73,538	1,362	961	997	1,124	546	993
number, 2002	192,381	2,535	2,470	2,999	3,088	1,293	3,319
1997	178,747	3,058	2,312	2,735	2,569	981	2,509
Less than 40 horsepower (PTO) farms, 2002	39,950	635	404	462	717	408	414
1997	42,601	902	481	583	694	292	516
number, 2002	62,943	1,023	709	688	1,117	627	666
1997	62,798	1,393	638	865	991	363	663
40 to 99 horsepower (PTO) farms, 2002	49,523	747	622	690	784	379	853
1997	51,370	963	627	772	823	418	724
number, 2002	85,557	1,243	912	1,579	1,524	553	1,397
1997	82,384	1,458	988	1,341	1,319	593	1,166
100 horsepower (PTO) or more farms, 2002	23,526	169	483	371	241	108	651
1997	21,816	182	457	355	195	25	422
number, 2002	43,881	269	849	732	447	113	1,256
1997	33,565	207	686	529	259	25	680
Grain and bean combines (see text) farms, 2002	21,818	108	443	392	201	3	632
1997	24,393	217	579	396	204	22	486
number, 2002	24,251	140	466	427	219	(D)	764
1997	27,179	244	610	416	222	32	517
Cotton pickers and strippers farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms, 2002	1,422	24	2	18	35	22	31
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	1,586	24	(D)	18	41	22	31
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers farms, 2002	29,500	513	149	581	568	380	302
1997	28,698	541	230	545	626	347	246
number, 2002	36,194	692	162	751	703	544	312
1997	35,134	687	281	668	699	454	284
2002 INVENTORY							
Manufactured 1998 to 2002:							
Tractors farms	10,101	188	117	118	260	88	147
number	14,734	210	170	209	420	102	252
Less than 40 horsepower (PTO) farms	4,165	54	70	46	131	75	16
number	4,845	54	70	57	133	75	17
40 to 99 horsepower (PTO) farms	4,600	132	22	65	147	19	68
number	5,998	146	25	131	214	(D)	99
100 horsepower (PTO) or more farms	2,697	10	47	11	67	1	84
number	3,891	10	75	21	73	(D)	136
Grain and bean combines farms	1,858	-	54	8	4	-	55
number	2,047	-	54	8	4	-	65
Cotton pickers and strippers farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	194	-	-	3	1	-	1
number	208	-	-	3	(D)	-	(D)
Hay balers farms	2,313	78	10	100	12	37	9
number	2,455	78	10	111	13	37	10
Manufactured prior to 1998:							
Tractors farms	66,836	1,055	830	865	991	518	985
number	177,647	2,325	2,300	2,790	2,668	1,191	3,067
Less than 40 horsepower (PTO) farms	36,971	583	342	417	658	344	398
number	58,098	969	639	631	984	552	649
40 to 99 horsepower (PTO) farms	46,951	687	610	645	686	360	836
number	79,559	1,097	887	1,448	1,310	(D)	1,298
100 horsepower (PTO) or more farms	22,482	160	468	370	209	107	619
number	39,990	259	774	711	374	(D)	1,120
Grain and bean combines farms	20,107	108	389	384	200	3	580
number	22,204	140	412	419	215	(D)	699

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Belmont	Brown	Butler	Carroll	Champaign	Clark	Clermont
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment farms, 2002	742	1,317	1,067	750	895	706	945
1997	742	1,515	1,006	819	954	764	882
\$1,000, 2002	43,705	67,283	56,892	27,517	66,182	55,562	46,821
1997	30,044	60,631	45,039	31,625	65,933	47,905	30,360
Average per farm dollars, 2002	58,902	51,088	53,320	36,689	73,946	78,700	49,546
1997	40,491	40,020	44,771	38,614	69,112	62,703	34,422
Farms by value group:							
\$1 to \$9,999 2002	160	421	289	241	194	266	356
1997	148	384	166	230	171	182	233
\$10,000 to \$19,999 2002	111	106	261	137	169	133	134
1997	151	304	265	142	173	183	232
\$20,000 to \$29,999 2002	150	241	117	120	58	40	175
1997	134	216	244	119	167	77	167
\$30,000 to \$49,999 2002	97	137	102	88	183	57	72
1997	140	286	125	109	144	58	94
\$50,000 to \$69,999 2002	37	127	117	81	82	3	27
1997	66	102	47	67	53	71	72
\$70,000 to \$99,999 2002	76	130	58	25	39	35	52
1997	44	91	31	61	60	50	15
\$100,000 to \$199,999 2002	61	81	70	35	96	76	69
1997	46	64	89	76	95	78	59
\$200,000 to \$499,999 2002	41	69	38	18	53	78	48
1997	4	64	28	15	81	54	7
\$500,000 or more 2002	9	5	15	5	21	18	12
1997	9	4	11	-	10	11	3
SELECTED MACHINERY AND EQUIPMENT							
Tractors farms, 2002	712	1,274	1,026	719	870	591	872
1997	691	1,447	931	788	831	728	817
number, 2002	1,630	3,282	2,513	1,678	2,227	1,464	1,944
1997	1,448	3,302	2,361	1,835	1,992	1,914	1,511
Less than 40 horsepower (PTO) farms, 2002							
1997	354	734	608	413	435	257	658
number, 2002	414	967	584	430	417	432	540
1997	460	1,073	985	622	590	380	940
1997	533	1,334	978	576	542	593	741
40 to 99 horsepower (PTO) farms, 2002							
1997	541	993	649	472	717	418	446
number, 2002	525	999	569	583	569	475	454
1997	1,096	1,583	1,135	855	992	604	688
1997	834	1,559	1,008	(D)	911	720	590
100 horsepower (PTO) or more farms, 2002							
1997	50	334	253	147	400	187	129
number, 2002	80	272	237	194	326	307	133
1997	74	626	393	201	645	480	316
1997	81	409	375	(D)	539	601	180
Grain and bean combines (see text) farms, 2002							
1997	10	269	223	153	304	183	109
number, 2002	60	369	293	205	321	253	89
1997	10	298	235	156	341	203	133
1997	62	441	350	211	372	308	92
Cotton pickers and strippers farms, 2002							
1997	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms, 2002							
1997	15	10	45	20	5	6	-
number, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997	15	10	65	21	5	7	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers farms, 2002							
1997	475	472	390	377	281	175	283
number, 2002	448	438	463	430	256	227	249
1997	652	608	511	566	414	184	328
1997	634	590	577	565	287	264	250
2002 INVENTORY							
Manufactured 1998 to 2002:							
Tractors farms	132	261	100	75	137	93	179
number	185	386	122	124	248	159	241
Less than 40 horsepower (PTO) farms	68	50	32	42	26	35	86
number	102	50	43	72	29	82	86
40 to 99 horsepower (PTO) farms	63	199	66	37	95	18	37
number	(D)	214	70	(D)	145	21	40
100 horsepower (PTO) or more farms	1	67	9	1	47	49	62
number	(D)	122	9	(D)	74	56	115
Grain and bean combines farms							
number	-	35	9	1	47	52	22
Cotton pickers and strippers farms	-	47	9	(D)	50	52	37
number	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	-	9	-	10	-	-	-
number	-	(D)	-	10	-	-	-
Hay balers farms	34	74	32	46	14	4	2
number	42	83	32	47	27	4	(D)
Manufactured prior to 1998:							
Tractors farms	643	1,216	1,007	697	805	589	741
number	1,445	2,896	2,391	1,554	1,979	1,305	1,703
Less than 40 horsepower (PTO) farms	295	707	579	396	415	232	580
number	358	1,023	942	550	561	298	854
40 to 99 horsepower (PTO) farms	515	878	632	447	659	408	434
number	(D)	1,369	1,065	(D)	847	583	648
100 horsepower (PTO) or more farms	50	307	251	146	380	182	73
number	(D)	504	384	(D)	571	424	201
Grain and bean combines farms	10	234	215	152	259	143	89
number	10	251	226	(D)	291	151	96

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Clinton	Columbiana	Coshocton	Crawford	Cuyahoga	Darke	Defiance
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment farms, 2002	807	1,126	1,043	673	155	1,725	946
1997	849	1,176	1,021	779	147	1,881	960
\$1,000, 2002	78,451	70,769	82,507	81,998	12,314	164,448	51,168
1997	54,703	53,465	49,811	60,869	8,280	121,172	50,108
Average per farm dollars, 2002	97,213	62,850	79,106	121,839	79,448	95,332	54,088
1997	64,432	45,464	48,786	78,137	56,328	64,419	52,196
Farms by value group:							
\$1 to \$9,999 2002	217	265	173	111	41	300	360
1997	156	304	191	105	23	303	225
\$10,000 to \$19,999 2002	147	211	257	79	19	243	91
1997	174	266	275	107	7	439	234
\$20,000 to \$29,999 2002	86	123	183	44	22	188	96
1997	116	102	96	104	37	190	78
\$30,000 to \$49,999 2002	43	118	149	55	25	230	118
1997	78	172	233	89	29	305	100
\$50,000 to \$69,999 2002	63	105	37	112	18	140	68
1997	108	105	68	131	31	167	111
\$70,000 to \$99,999 2002	33	124	65	30	9	112	71
1997	68	84	21	83	3	95	74
\$100,000 to \$199,999 2002	87	107	67	111	7	290	82
1997	83	99	78	78	8	248	76
\$200,000 to \$499,999 2002	101	52	67	100	10	169	50
1997	58	41	49	62	8	121	58
\$500,000 or more 2002	30	21	45	31	4	53	10
1997	8	3	10	20	1	13	4
SELECTED MACHINERY AND EQUIPMENT							
Tractors farms, 2002	769	1,109	1,012	665	136	1,628	874
1997	781	1,106	961	738	132	1,743	891
number, 2002	2,565	3,002	2,504	2,113	391	4,286	2,180
1997	1,895	2,721	2,173	2,280	316	4,261	2,367
Less than 40 horsepower (PTO) farms, 2002	489	744	451	362	109	742	406
1997	383	719	578	443	107	802	441
number, 2002	795	1,050	645	672	278	1,026	515
1997	501	1,160	873	722	215	1,123	637
40 to 99 horsepower (PTO) farms, 2002	587	697	839	445	64	1,222	614
1997	520	684	612	564	58	1,323	758
number, 2002	1,179	1,403	1,482	603	(D)	1,799	1,006
1997	796	1,118	1,033	892	(D)	2,030	1,197
100 horsepower (PTO) or more farms, 2002	255	270	223	372	2	816	363
1997	364	333	209	381	13	775	388
number, 2002	591	549	377	838	(D)	1,461	659
1997	598	443	267	666	(D)	1,108	533
Grain and bean combines (see text) farms, 2002	324	177	159	422	4	758	331
1997	359	234	194	397	7	941	496
number, 2002	421	182	177	473	4	819	363
1997	429	240	205	434	7	1,044	602
Cotton pickers and strippers farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms, 2002	17	39	90	3	6	44	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	25	49	99	3	6	47	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers farms, 2002	209	586	629	242	24	407	145
1997	230	596	547	210	9	489	184
number, 2002	277	704	892	273	26	465	170
1997	260	705	729	229	9	542	205
2002 INVENTORY							
Manufactured 1998 to 2002:							
Tractors farms	64	84	97	54	29	284	82
number	257	102	125	85	31	356	120
Less than 40 horsepower (PTO) farms	15	29	34	22	17	88	24
number	23	37	34	24	17	90	24
40 to 99 horsepower (PTO) farms	37	50	51	4	14	128	25
number	192	58	53	6	14	143	26
100 horsepower (PTO) or more farms	30	6	34	31	-	96	50
number	42	7	38	55	-	123	70
Grain and bean combines farms	65	3	7	36	-	56	25
number	72	3	8	40	-	57	25
Cotton pickers and strippers farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	1	10	1	-	-	5	-
number	(D)	10	(D)	-	-	5	-
Hay balers farms	6	60	61	27	-	34	16
number	6	63	79	27	-	35	16
Manufactured prior to 1998:							
Tractors farms	766	1,108	980	646	124	1,506	835
number	2,308	2,900	2,379	2,028	360	3,930	2,060
Less than 40 horsepower (PTO) farms	485	718	427	344	104	657	382
number	772	1,013	611	648	261	936	491
40 to 99 horsepower (PTO) farms	575	695	821	442	55	1,120	590
number	987	1,345	1,429	597	(D)	1,656	980
100 horsepower (PTO) or more farms	251	270	201	360	2	755	341
number	549	542	339	783	(D)	1,338	589
Grain and bean combines farms	263	175	153	388	4	703	306
number	349	179	169	433	4	762	338

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Erie	Fairfield	Fayette	Franklin	Fulton	Gallia
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment farms, 2002	784	396	1,135	466	540	767	828
1997	730	430	1,174	575	475	856	904
\$1,000, 2002	48,682	32,711	75,455	79,836	31,108	75,831	22,035
1997	35,972	33,970	54,497	53,019	28,473	59,856	29,409
Average per farm dollars, 2002	62,094	82,603	66,480	171,321	57,608	98,867	26,612
1997	49,276	79,000	46,420	92,207	59,944	69,925	32,532
Farms by value group:							
\$1 to \$9,999 2002	281	126	303	132	128	219	173
1997	226	33	389	110	81	153	144
\$10,000 to \$19,999 2002	137	59	231	71	105	32	265
1997	131	120	147	92	71	120	320
\$20,000 to \$29,999 2002	73	27	94	8	87	38	188
1997	54	48	192	68	72	195	109
\$30,000 to \$49,999 2002	65	39	130	40	68	208	94
1997	118	50	115	68	95	109	179
\$50,000 to \$69,999 2002	58	37	68	7	44	36	67
1997	89	74	98	23	51	57	44
\$70,000 to \$99,999 2002	31	22	45	12	31	40	25
1997	37	17	100	27	21	46	43
\$100,000 to \$199,999 2002	72	32	178	101	37	107	9
1997	20	27	74	92	51	101	60
\$200,000 to \$499,999 2002	56	46	69	73	33	53	4
1997	46	55	52	80	28	57	5
\$500,000 or more 2002	11	8	17	22	7	34	3
1997	9	6	7	15	5	18	-
SELECTED MACHINERY AND EQUIPMENT							
Tractors farms, 2002	756	330	1,066	466	514	753	819
1997	701	428	1,096	539	435	793	837
number, 2002	1,589	1,130	3,001	1,466	1,334	2,122	1,451
1997	1,741	1,250	2,579	1,491	1,059	2,055	1,617
Less than 40 horsepower (PTO) farms, 2002	496	158	575	269	351	407	465
1997	506	250	630	313	323	370	480
number, 2002	583	416	1,038	338	511	687	612
1997	661	394	846	427	438	515	716
40 to 99 horsepower (PTO) farms, 2002	412	257	729	353	298	452	539
1997	475	365	715	364	276	605	567
number, 2002	603	443	1,409	564	594	636	782
1997	716	(D)	1,211	635	444	900	758
100 horsepower (PTO) or more farms, 2002	235	127	320	289	118	415	46
1997	230	109	325	232	113	405	101
number, 2002	403	271	554	564	229	799	57
1997	364	(D)	522	429	177	640	143
Grain and bean combines (see text) farms, 2002	168	153	327	232	87	382	10
1997	243	158	375	262	173	394	79
number, 2002	179	169	345	259	92	403	18
1997	270	197	447	311	173	422	86
Cotton pickers and strippers farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms, 2002	9	6	3	5	-	12	45
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	9	6	3	5	-	14	45
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers farms, 2002	270	65	495	125	153	164	420
1997	232	127	368	164	130	226	420
number, 2002	347	76	593	153	171	167	477
1997	284	138	422	210	151	242	531
2002 INVENTORY							
Manufactured 1998 to 2002:							
Tractors farms	166	36	128	88	51	66	156
number	221	51	157	114	171	110	157
Less than 40 horsepower (PTO) farms	131	16	47	13	13	9	57
number	133	17	48	13	19	9	57
40 to 99 horsepower (PTO) farms	44	8	73	38	35	16	83
number	48	10	77	44	143	16	84
100 horsepower (PTO) or more farms	27	18	19	46	6	48	16
number	40	24	32	57	9	85	16
Grain and bean combines farms	19	29	29	69	9	29	1
number	20	31	34	72	9	32	(D)
Cotton pickers and strippers farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	2	-	-	1	-	-	-
number	(D)	-	-	(D)	-	-	-
Hay balers farms	31	13	33	7	3	2	24
number	31	13	33	9	4	(D)	24
Manufactured prior to 1998:							
Tractors farms	635	327	1,056	437	502	727	762
number	1,368	1,079	2,844	1,352	1,163	2,012	1,294
Less than 40 horsepower (PTO) farms	369	157	562	256	339	398	416
number	450	399	990	325	492	678	555
40 to 99 horsepower (PTO) farms	379	255	728	327	298	447	514
number	555	433	1,332	520	451	620	698
100 horsepower (PTO) or more farms	225	124	316	271	117	395	31
number	363	247	522	507	220	714	41
Grain and bean combines farms	154	128	302	167	79	354	9
number	159	138	311	187	83	371	(D)

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Geauga	Greene	Guernsey	Hamilton	Hancock	Hardin	Harrison
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment farms, 2002	924	799	860	381	951	843	450
1997	849	871	966	371	1,048	920	507
\$1,000, 2002	21,328	54,040	28,945	14,326	71,678	74,230	15,720
1997	22,005	53,628	26,318	13,095	76,011	51,043	23,007
Average per farm dollars, 2002	23,082	67,634	33,657	37,600	75,371	88,055	34,933
1997	25,919	61,571	27,244	35,297	72,530	55,482	45,379
Farms by value group:							
\$1 to \$9,999 2002	380	186	283	127	162	276	155
1997	232	261	193	105	137	215	149
\$10,000 to \$19,999 2002	209	116	164	74	161	109	64
1997	235	150	241	108	221	163	115
\$20,000 to \$29,999 2002	102	54	127	30	82	94	92
1997	175	113	236	3	143	96	68
\$30,000 to \$49,999 2002	57	177	155	81	117	58	42
1997	87	89	188	120	134	182	48
\$50,000 to \$69,999 2002	130	89	41	27	98	20	42
1997	81	52	62	3	85	50	22
\$70,000 to \$99,999 2002	25	26	47	7	95	77	26
1997	8	74	-	3	114	36	18
\$100,000 to \$199,999 2002	18	97	23	15	151	95	21
1997	25	45	44	21	98	131	79
\$200,000 to \$499,999 2002	3	35	20	18	69	89	6
1997	5	79	1	5	100	44	7
\$500,000 or more 2002	-	19	-	2	16	25	2
1997	1	8	1	3	16	3	1
SELECTED MACHINERY AND EQUIPMENT							
Tractors farms, 2002	866	690	828	362	893	751	416
1997	702	811	924	348	959	869	499
number, 2002	1,763	1,764	1,410	831	2,434	2,316	974
1997	1,453	2,014	1,776	824	2,881	2,229	1,146
Less than 40 horsepower (PTO) farms, 2002	673	378	444	329	397	375	183
1997	518	429	511	278	521	444	282
number, 2002	1,057	551	533	486	519	572	232
1997	842	603	708	533	867	730	406
40 to 99 horsepower (PTO) farms, 2002	440	417	555	142	581	589	323
1997	388	575	648	190	727	612	399
number, 2002	591	748	766	246	939	959	569
1997	504	908	935	275	1,266	(D)	(D)
100 horsepower (PTO) or more farms, 2002	93	215	93	48	537	379	138
1997	82	280	118	7	501	401	39
number, 2002	115	465	111	99	976	785	173
1997	107	503	133	16	748	(D)	(D)
Grain and bean combines (see text) farms, 2002	17	203	54	28	483	422	19
1997	76	279	132	29	575	388	79
number, 2002	17	259	66	29	506	476	19
1997	86	326	134	(D)	601	419	82
Cotton pickers and strippers farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms, 2002	19	15	46	13	1	6	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	31	15	46	13	(D)	7	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers farms, 2002	367	197	386	102	218	180	245
1997	411	256	556	81	203	107	273
number, 2002	394	218	549	148	229	207	367
1997	470	327	768	100	215	116	381
2002 INVENTORY							
Manufactured 1998 to 2002:							
Tractors farms	112	168	191	78	135	139	42
number	119	264	191	99	150	172	62
Less than 40 horsepower (PTO) farms	66	106	37	37	51	20	2
number	71	107	37	(D)	52	20	(D)
40 to 99 horsepower (PTO) farms	44	52	154	44	17	51	39
number	44	127	154	54	18	69	55
100 horsepower (PTO) or more farms	4	16	-	1	71	71	4
number	4	30	-	(D)	80	83	(D)
Grain and bean combines farms	-	17	-	2	57	33	-
number	-	21	-	(D)	58	36	-
Cotton pickers and strippers farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	-	-	10	6	-	-	2
number	-	-	10	6	-	-	(D)
Hay balers farms	6	4	25	20	4	9	15
number	6	4	26	20	4	9	15
Manufactured prior to 1998:							
Tractors farms	843	586	704	341	865	730	396
number	1,644	1,500	1,219	732	2,284	2,144	912
Less than 40 horsepower (PTO) farms	647	287	407	317	348	364	181
number	986	444	496	(D)	467	552	(D)
40 to 99 horsepower (PTO) farms	398	400	434	112	579	541	302
number	547	621	612	192	921	890	514
100 horsepower (PTO) or more farms	93	211	93	47	532	373	138
number	111	435	111	(D)	896	702	(D)
Grain and bean combines farms	17	188	54	26	431	390	19
number	17	238	66	(D)	448	440	19

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Highland	Hocking	Holmes	Huron	Jackson	Jefferson
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment farms, 2002	847	1,359	433	1,735	839	457	461
1997	925	1,398	437	1,680	875	484	491
\$1,000, 2002	66,035	90,146	14,955	86,571	71,346	20,344	22,742
1997	69,027	62,441	13,377	65,170	78,136	24,130	12,395
Average per farm dollars, 2002	77,963	66,332	34,537	49,897	85,037	44,515	49,333
1997	74,624	44,664	30,610	38,791	89,298	49,856	25,244
Farms by value group:							
\$1 to \$9,999 2002	175	386	200	669	218	121	126
1997	169	314	120	437	130	50	109
\$10,000 to \$19,999 2002	84	243	88	308	125	71	68
1997	135	257	56	355	161	175	172
\$20,000 to \$29,999 2002	77	132	21	230	45	60	72
1997	116	185	56	373	128	68	63
\$30,000 to \$49,999 2002	127	156	21	161	153	94	79
1997	123	264	100	156	107	62	94
\$50,000 to \$69,999 2002	110	98	39	44	94	30	48
1997	50	137	69	118	44	26	14
\$70,000 to \$99,999 2002	55	44	29	85	57	24	14
1997	100	146	29	102	134	47	20
\$100,000 to \$199,999 2002	143	168	20	112	52	34	13
1997	131	43	7	61	62	51	18
\$200,000 to \$499,999 2002	63	111	15	116	75	19	41
1997	99	45	-	76	84	4	1
\$500,000 or more 2002	13	21	-	10	20	4	-
1997	2	7	-	2	25	1	-
SELECTED MACHINERY AND EQUIPMENT							
Tractors farms, 2002	819	1,344	410	1,369	691	421	461
1997	889	1,307	437	1,480	798	475	485
number, 2002	2,645	3,783	907	2,695	2,313	986	1,144
1997	2,373	3,150	1,148	2,670	2,579	951	1,061
Less than 40 horsepower (PTO) farms, 2002	352	820	324	639	296	250	301
1997	432	829	354	618	514	295	270
number, 2002	768	1,288	435	746	461	311	453
1997	525	1,191	615	784	863	411	356
40 to 99 horsepower (PTO) farms, 2002	639	888	250	1,010	560	323	370
1997	671	849	313	1,146	567	301	388
number, 2002	1,054	1,650	364	1,656	1,036	617	641
1997	(D)	1,423	472	1,712	1,087	473	626
100 horsepower (PTO) or more farms, 2002	484	415	78	147	413	51	47
1997	477	420	45	111	357	64	79
number, 2002	823	845	108	293	816	58	50
1997	(D)	536	61	174	629	67	79
Grain and bean combines (see text) farms, 2002	597	374	49	145	387	37	38
1997	490	431	48	268	484	52	80
number, 2002	609	462	49	146	433	37	38
1997	521	515	60	291	608	57	92
Cotton pickers and strippers farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms, 2002	1	50	-	88	11	6	9
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	(D)	50	-	99	11	12	18
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers farms, 2002	167	555	246	1,154	281	244	266
1997	141	469	244	1,059	270	291	284
number, 2002	167	667	341	1,292	310	342	342
1997	167	549	299	1,222	291	429	403
2002 INVENTORY							
Manufactured 1998 to 2002:							
Tractors farms	95	146	45	185	123	78	29
number	111	217	75	275	207	93	37
Less than 40 horsepower (PTO) farms	15	74	18	126	51	52	6
number	15	74	18	126	54	55	(D)
40 to 99 horsepower (PTO) farms	13	59	27	88	59	28	29
number	13	77	47	90	71	31	30
100 horsepower (PTO) or more farms	68	51	10	41	57	4	1
number	83	66	10	59	82	7	(D)
Grain and bean combines farms	40	16	1	27	25	3	-
number	41	24	(D)	27	27	3	-
Cotton pickers and strippers farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	-	-	-	46	-	6	-
number	-	-	-	46	-	12	-
Hay balers farms	19	56	13	25	26	13	7
number	19	56	13	25	26	19	7
Manufactured prior to 1998:							
Tractors farms	810	1,286	380	1,234	621	408	455
number	2,534	3,566	832	2,420	2,106	893	1,107
Less than 40 horsepower (PTO) farms	338	781	314	514	246	198	295
number	753	1,214	417	620	407	256	(D)
40 to 99 horsepower (PTO) farms	639	856	230	941	533	320	364
number	1,041	1,573	317	1,566	965	586	611
100 horsepower (PTO) or more farms	466	412	68	129	390	47	46
number	740	779	98	234	734	51	(D)
Grain and bean combines farms	558	364	48	118	369	34	38
number	568	438	(D)	119	406	34	38

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Knox	Lake	Lawrence	Licking	Logan	Lorain	Lucas
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment farms, 2002	1,238	315	625	1,428	1,004	926	404
1997	1,281	315	612	1,443	1,044	909	434
\$1,000, 2002	66,641	20,486	12,305	75,005	93,926	73,201	41,263
1997	59,070	17,811	13,332	73,621	56,167	70,878	35,842
Average per farm dollars, 2002	53,830	65,035	19,688	52,525	93,552	79,050	102,135
1997	46,112	56,543	21,784	51,019	53,799	77,974	82,584
Farms by value group:							
\$1 to \$9,999 2002	298	100	275	333	286	234	59
1997	323	67	125	348	168	150	85
\$10,000 to \$19,999 2002	310	56	117	309	131	176	49
1997	341	49	191	242	254	153	66
\$20,000 to \$29,999 2002	171	23	130	248	89	117	67
1997	164	73	174	268	140	231	10
\$30,000 to \$49,999 2002	84	46	31	229	96	94	73
1997	195	48	72	266	98	59	73
\$50,000 to \$69,999 2002	116	34	39	129	62	38	13
1997	45	24	36	109	146	99	77
\$70,000 to \$99,999 2002	68	14	14	67	58	91	31
1997	54	27	7	50	108	24	20
\$100,000 to \$199,999 2002	129	15	18	47	173	97	50
1997	92	6	7	84	55	132	39
\$200,000 to \$499,999 2002	47	19	1	42	58	42	45
1997	61	15	-	57	69	45	56
\$500,000 or more 2002	15	8	-	24	51	37	17
1997	6	6	-	19	6	16	8
SELECTED MACHINERY AND EQUIPMENT							
Tractors farms, 2002	1,175	279	536	1,394	914	893	394
1997	1,169	286	534	1,331	1,025	866	421
number, 2002	2,866	953	991	3,547	2,423	2,901	1,257
1997	2,730	877	1,057	3,305	2,483	2,476	1,192
Less than 40 horsepower (PTO) farms, 2002	792	215	372	932	436	553	296
1997	675	228	358	722	767	524	266
number, 2002	1,215	668	561	1,516	778	1,061	641
1997	981	499	453	1,109	1,118	863	416
40 to 99 horsepower (PTO) farms, 2002	736	121	282	922	631	687	186
1997	896	152	370	994	585	671	287
number, 2002	1,264	(D)	388	1,575	952	1,277	355
1997	1,419	336	(D)	1,712	860	1,138	525
100 horsepower (PTO) or more farms, 2002	240	12	36	251	318	276	134
1997	218	32	17	297	337	308	147
number, 2002	387	(D)	42	456	693	563	261
1997	330	42	(D)	484	505	475	251
Grain and bean combines (see text) farms, 2002	241	9	1	258	319	360	143
1997	348	41	2	339	293	341	197
number, 2002	265	9	(D)	285	390	401	167
1997	391	41	(D)	443	346	383	205
Cotton pickers and strippers farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms, 2002	20	-	8	6	4	4	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	20	-	8	6	4	4	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers farms, 2002	569	24	348	623	268	328	78
1997	545	58	326	600	333	305	62
number, 2002	710	35	400	753	353	366	80
1997	671	73	379	777	410	381	63
2002 INVENTORY							
Manufactured 1998 to 2002:							
Tractors farms	133	116	103	227	188	222	43
number	151	232	170	345	257	359	79
Less than 40 horsepower (PTO) farms	10	81	74	100	69	67	10
number	10	161	91	101	70	98	16
40 to 99 horsepower (PTO) farms	116	43	54	125	71	151	30
number	116	(D)	79	198	71	175	36
100 horsepower (PTO) or more farms	15	2	-	25	79	46	15
number	25	(D)	-	46	116	86	27
Grain and bean combines farms	12	-	-	22	42	52	11
number	13	-	-	29	42	53	12
Cotton pickers and strippers farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	-	-	-	1	1	2	-
number	-	-	-	(D)	(D)	(D)	-
Hay balers farms	56	-	-	33	26	30	-
number	56	-	-	33	27	31	-
Manufactured prior to 1998:							
Tractors farms	1,115	230	470	1,292	828	795	376
number	2,715	721	821	3,202	2,166	2,542	1,178
Less than 40 horsepower (PTO) farms	782	190	298	877	369	508	295
number	1,205	507	470	1,415	708	963	625
40 to 99 horsepower (PTO) farms	657	93	242	839	590	595	158
number	1,148	(D)	309	1,377	881	1,102	319
100 horsepower (PTO) or more farms	235	12	36	243	273	240	130
number	362	(D)	42	410	577	477	234
Grain and bean combines farms	229	9	1	238	278	312	134
number	252	9	(D)	256	348	348	155

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Madison	Mahoning	Marion	Medina	Meigs	Mercer	Miami	Monroe
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment farms, 2002	708	624	522	1,138	555	1,270	1,052	644
1997	742	635	601	1,021	587	1,329	1,109	710
\$1,000, 2002	82,124	32,374	63,200	73,517	23,031	131,731	64,887	19,425
1997	62,609	28,550	61,986	48,702	15,813	101,535	57,260	25,242
Average per farm dollars, 2002	115,994	51,881	121,072	64,602	41,497	103,725	61,680	30,163
1997	84,378	44,960	103,139	47,701	26,938	76,399	51,632	35,552
Farms by value group:								
\$1 to \$9,999 2002	97	151	160	266	157	159	348	269
1997	197	159	105	146	142	212	138	121
\$10,000 to \$19,999 2002	142	83	54	320	95	137	123	138
1997	104	127	134	249	142	165	289	223
\$20,000 to \$29,999 2002	29	49	52	107	32	133	86	57
1997	82	143	29	168	126	128	225	123
\$30,000 to \$49,999 2002	82	93	29	77	98	191	113	60
1997	34	75	72	228	70	195	172	88
\$50,000 to \$69,999 2002	33	140	38	117	95	116	93	43
1997	52	48	41	57	48	171	67	41
\$70,000 to \$99,999 2002	70	41	32	39	33	128	90	34
1997	57	34	50	70	48	116	81	70
\$100,000 to \$199,999 2002	119	47	80	120	32	190	118	28
1997	131	25	80	50	9	224	75	25
\$200,000 to \$499,999 2002	111	15	57	76	9	195	74	15
1997	65	19	62	39	2	96	54	19
\$500,000 or more 2002	25	5	20	16	4	21	7	-
1997	20	5	28	14	-	22	8	-
SELECTED MACHINERY AND EQUIPMENT								
Tractors farms, 2002	645	598	470	998	542	1,243	1,013	581
1997	669	615	546	971	574	1,228	1,001	679
number, 2002	2,037	1,633	1,477	2,873	1,571	4,228	2,601	1,273
1997	1,917	1,509	1,406	2,717	1,273	3,615	2,271	1,345
Less than 40 horsepower (PTO) farms, 2002	336	358	217	708	341	568	639	347
1997	353	426	327	683	379	554	492	394
number, 2002	598	533	323	1,375	649	795	936	530
1997	559	695	433	1,175	607	825	692	612
40 to 99 horsepower (PTO) farms, 2002	415	413	367	623	388	995	651	409
1997	416	383	335	719	389	1,014	705	487
number, 2002	712	690	644	1,108	789	2,047	997	721
1997	750	678	504	1,254	564	1,794	1,070	713
100 horsepower (PTO) or more farms, 2002	329	217	262	229	100	768	390	15
1997	348	89	264	189	57	640	358	20
number, 2002	727	410	510	390	133	1,386	668	22
1997	608	136	469	288	102	996	509	20
Grain and bean combines (see text) farms, 2002	273	105	277	257	30	645	405	9
1997	346	99	278	216	31	652	481	70
number, 2002	299	106	311	258	38	694	437	9
1997	386	115	325	250	31	696	494	82
Cotton pickers and strippers farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms, 2002	2	22	2	17	2	40	21	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	(D)	23	(D)	17	(D)	41	21	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers farms, 2002	166	406	184	496	354	422	355	408
1997	230	307	122	473	326	368	225	388
number, 2002	188	502	219	573	444	479	415	599
1997	279	346	136	542	416	452	248	489
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors farms	139	120	82	183	90	221	119	62
number	192	124	124	252	104	351	144	71
Less than 40 horsepower (PTO) farms	56	56	7	108	43	45	63	-
number	68	56	7	139	(D)	57	82	-
40 to 99 horsepower (PTO) farms	34	35	36	82	45	80	36	62
number	35	37	40	88	58	91	36	71
100 horsepower (PTO) or more farms	66	31	64	21	2	131	22	-
number	89	31	77	25	(D)	203	26	-
Grain and bean combines farms	61	4	37	5	3	57	35	-
number	61	4	38	5	3	59	35	-
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	1	1	-	1	-	7	-	-
number	(D)	(D)	-	(D)	-	7	-	-
Hay balers farms	11	49	30	26	78	83	5	32
number	11	49	32	26	78	85	5	41
Manufactured prior to 1998:								
Tractors farms	633	540	456	905	516	1,199	1,004	558
number	1,845	1,509	1,353	2,621	1,467	3,877	2,457	1,202
Less than 40 horsepower (PTO) farms	309	319	216	639	318	535	639	347
number	530	477	316	1,236	(D)	738	854	530
40 to 99 horsepower (PTO) farms	412	390	332	583	358	975	618	386
number	677	653	604	1,020	731	1,956	961	650
100 horsepower (PTO) or more farms	305	217	242	217	100	706	390	15
number	638	379	433	365	(D)	1,183	642	22
Grain and bean combines farms	213	101	247	252	27	591	371	9
number	238	102	273	253	35	635	402	9

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Montgomery	Morgan	Morrow	Muskingum	Noble	Ottawa	Paulding	Perry
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment farms, 2002	753	512	863	1,192	568	515	619	638
1997	890	595	900	1,196	637	523	590	711
\$1,000, 2002	41,024	21,405	51,076	56,197	21,468	37,699	56,768	23,279
1997	46,462	13,725	37,109	49,802	15,813	35,421	45,979	22,144
Average per farm dollars, 2002	54,480	41,806	59,184	47,145	37,796	73,202	91,709	36,488
1997	52,204	23,067	41,233	41,641	24,825	67,727	77,930	31,144
Farms by value group:								
\$1 to \$9,999 2002	226	218	263	226	160	157	104	177
1997	145	205	293	314	233	76	182	247
\$10,000 to \$19,999 2002	128	91	154	350	114	53	85	153
1997	210	133	165	248	197	99	60	201
\$20,000 to \$29,999 2002	72	32	95	170	144	23	34	109
1997	155	107	176	156	53	49	35	87
\$30,000 to \$49,999 2002	163	57	127	193	46	56	113	50
1997	167	84	105	162	71	69	84	35
\$50,000 to \$69,999 2002	30	19	42	60	21	49	59	68
1997	76	37	46	106	19	64	33	70
\$70,000 to \$99,999 2002	21	16	29	112	29	62	38	33
1997	14	14	31	90	44	77	66	26
\$100,000 to \$199,999 2002	53	64	100	27	41	74	91	34
1997	70	11	43	82	18	37	44	27
\$200,000 to \$499,999 2002	48	14	34	32	12	34	82	12
1997	51	3	34	36	1	50	74	17
\$500,000 or more 2002	12	1	19	22	1	7	13	2
1997	2	1	7	2	1	2	12	1
SELECTED MACHINERY AND EQUIPMENT								
Tractors farms, 2002	694	465	821	1,132	538	515	608	566
1997	825	567	831	1,127	596	513	510	695
number, 2002	1,761	1,159	2,070	2,545	1,132	1,518	1,969	1,491
1997	1,838	1,144	1,966	2,519	1,133	1,414	1,547	1,477
Less than 40 horsepower (PTO) farms, 2002	443	258	356	722	240	302	258	270
1997	590	329	535	625	339	376	198	452
number, 2002	773	336	483	1,050	523	478	403	516
1997	821	416	799	904	475	533	309	718
40 to 99 horsepower (PTO) farms, 2002	450	393	598	720	452	376	455	422
1997	481	413	505	789	425	346	427	448
number, 2002	676	676	995	1,181	572	664	809	744
1997	660	644	795	1,346	(D)	577	698	631
100 horsepower (PTO) or more farms, 2002	212	98	298	182	32	215	373	113
1997	235	52	252	179	45	193	295	97
number, 2002	312	147	314	37	37	376	757	231
1997	357	84	372	269	(D)	304	540	128
Grain and bean combines (see text) farms, 2002	243	41	267	133	1	248	414	119
1997	293	59	308	233	36	274	306	164
number, 2002	262	41	285	134	(D)	301	499	122
1997	314	66	379	233	36	326	363	185
Cotton pickers and strippers farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms, 2002	11	1	17	10	20	2	1	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	11	(D)	24	10	20	(D)	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers farms, 2002	272	241	389	590	382	94	150	357
1997	241	305	265	719	355	157	53	334
number, 2002	330	360	441	735	512	96	153	428
1997	264	403	301	999	498	171	65	424
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors farms	50	45	173	206	31	19	60	47
number	78	82	253	325	35	37	78	53
Less than 40 horsepower (PTO) farms	37	8	62	124	-	1	12	1
number	49	(D)	62	188	-	(D)	12	(D)
40 to 99 horsepower (PTO) farms	11	43	77	116	11	5	6	44
number	18	71	77	132	14	(D)	7	44
100 horsepower (PTO) or more farms	5	2	46	4	20	19	47	4
number	11	(D)	114	5	21	(D)	59	(D)
Grain and bean combines farms	9	-	43	3	-	10	33	5
number	17	-	45	3	-	16	34	5
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	10	1	8	-	9	1	-	-
number	(D)	(D)	15	-	9	(D)	-	-
Hay balers farms	9	21	9	82	51	2	7	26
number	9	29	9	83	52	(D)	7	26
Manufactured prior to 1998:								
Tractors farms	682	456	726	1,008	529	514	591	566
number	1,683	1,077	1,817	2,220	1,097	1,481	1,891	1,438
Less than 40 horsepower (PTO) farms	422	250	294	605	240	301	246	270
number	724	(D)	421	862	523	(D)	391	(D)
40 to 99 horsepower (PTO) farms	448	375	533	641	442	375	453	406
number	658	605	918	1,049	558	(D)	802	700
100 horsepower (PTO) or more farms	209	97	269	181	14	212	353	112
number	301	(D)	478	309	16	(D)	698	(D)
Grain and bean combines farms	235	41	224	131	1	239	382	114
number	245	41	240	131	(D)	285	465	117

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Pickaway	Pike	Portage	Preble	Putnam	Richland	Ross	Sandusky
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment farms, 2002	778	505	902	986	1,350	1,025	926	797
1997	798	528	877	1,125	1,451	1,056	1,035	879
\$1,000, 2002	86,195	21,478	53,975	69,054	102,275	52,011	54,647	78,901
1997	58,265	20,351	33,514	56,360	99,455	49,572	43,890	62,344
Average per farm dollars, 2002	110,790	42,531	59,839	70,035	75,759	50,742	59,014	98,998
1997	73,014	38,544	38,215	50,097	68,543	46,943	42,406	70,926
Farms by value group:								
\$1 to \$9,999 2002	187	137	225	294	171	216	257	132
1997	228	108	201	242	177	275	256	136
\$10,000 to \$19,999 2002	47	83	164	149	163	208	179	43
1997	168	228	157	217	201	131	293	191
\$20,000 to \$29,999 2002	71	84	131	99	164	127	108	70
1997	32	35	202	161	157	271	175	143
\$30,000 to \$49,999 2002	81	56	104	79	200	158	106	124
1997	64	8	157	146	163	72	79	75
\$50,000 to \$69,999 2002	68	81	95	72	160	68	53	168
1997	74	68	35	95	210	62	74	89
\$70,000 to \$99,999 2002	36	14	52	87	158	87	67	63
1997	61	35	53	75	186	88	43	72
\$100,000 to \$199,999 2002	112	15	50	89	234	115	86	73
1997	91	17	46	143	284	109	74	87
\$200,000 to \$499,999 2002	153	34	77	109	90	41	61	112
1997	60	28	23	43	64	44	34	72
\$500,000 or more 2002	23	1	4	8	10	5	9	12
1997	20	1	3	3	9	4	7	14
SELECTED MACHINERY AND EQUIPMENT								
Tractors farms, 2002	678	492	874	894	1,268	1,025	870	783
1997	733	513	872	1,055	1,350	998	996	851
number, 2002	2,192	1,080	2,494	2,368	4,511	2,710	2,460	2,775
1997	1,918	1,006	2,070	2,424	3,876	2,330	2,422	2,388
Less than 40 horsepower (PTO) farms, 2002	479	281	617	544	652	566	472	413
1997	423	256	517	549	607	642	608	469
number, 2002	640	363	1,055	721	1,284	923	727	558
1997	667	365	796	720	851	966	919	727
40 to 99 horsepower (PTO) farms, 2002	421	359	655	528	992	700	674	614
1997	444	314	644	760	1,149	643	680	557
number, 2002	836	626	1,177	921	1,772	1,182	1,237	1,298
1997	699	476	1,120	1,117	1,847	938	1,181	1,027
100 horsepower (PTO) or more farms, 2002	284	52	193	434	833	407	236	393
1997	327	114	102	404	834	320	180	356
number, 2002	716	91	262	726	1,455	605	496	919
1997	552	165	154	587	1,178	426	322	634
Grain and bean combines (see text) farms, 2002	250	71	145	387	863	373	260	413
1997	283	85	187	349	858	324	256	454
number, 2002	283	72	177	442	900	407	307	485
1997	311	86	208	400	924	352	326	511
Cotton pickers and strippers farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms, 2002	4	14	14	4	16	11	38	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	4	14	14	4	16	11	49	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers farms, 2002	207	286	422	302	336	416	385	252
1997	256	226	442	321	313	438	448	192
number, 2002	260	358	494	363	349	457	521	309
1997	311	326	556	369	341	508	627	204
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors farms	208	36	115	94	111	131	79	106
number	280	36	152	142	158	185	148	242
Less than 40 horsepower (PTO) farms	129	1	59	68	29	59	43	58
number	132	(D)	83	89	29	78	43	69
40 to 99 horsepower (PTO) farms	54	35	48	17	33	56	43	24
number	72	(D)	61	29	33	69	50	110
100 horsepower (PTO) or more farms	43	-	8	15	74	20	23	49
number	76	-	8	24	96	38	55	63
Grain and bean combines farms	50	1	5	21	65	7	27	23
number	53	(D)	5	21	65	19	29	24
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	-	-	-	1	-	-	-	1
number	-	-	-	(D)	-	-	-	(D)
Hay balers farms	7	19	26	29	10	10	26	32
number	7	19	27	30	10	10	27	34
Manufactured prior to 1998:								
Tractors farms	548	492	823	841	1,241	1,024	836	726
number	1,912	1,044	2,342	2,226	4,353	2,525	2,312	2,533
Less than 40 horsepower (PTO) farms	355	280	582	487	642	549	443	356
number	508	(D)	972	632	1,255	845	684	489
40 to 99 horsepower (PTO) farms	379	358	628	515	971	687	653	602
number	764	(D)	1,116	892	1,739	1,113	1,187	1,188
100 horsepower (PTO) or more farms	269	52	193	431	794	405	221	382
number	640	91	254	702	1,359	567	441	856
Grain and bean combines farms	203	70	141	366	799	368	236	391
number	230	(D)	172	421	835	388	278	461

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Scioto	Seneca	Shelby	Stark	Summit	Trumbull	Tuscarawas	Union
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment farms, 2002	640	1,185	1,022	1,272	377	919	1,045	1,008
1997	758	1,318	1,087	1,282	309	931	1,079	927
\$1,000, 2002	29,578	98,422	79,289	89,710	14,157	50,360	63,567	103,247
1997	23,381	81,517	61,874	50,434	9,539	47,307	44,140	60,268
Average per farm dollars, 2002	46,215	83,057	77,582	70,527	37,552	54,798	60,830	102,427
1997	30,845	61,849	56,922	39,340	30,871	50,813	40,909	65,014
Farms by value group:								
\$1 to \$9,999 2002	123	256	153	376	66	182	281	242
1997	240	238	172	396	69	202	314	273
\$10,000 to \$19,999 2002	148	102	139	203	122	130	193	158
1997	156	326	179	195	72	210	229	127
\$20,000 to \$29,999 2002	103	91	81	138	52	169	151	124
1997	143	120	123	204	69	128	133	82
\$30,000 to \$49,999 2002	185	207	191	93	29	173	124	105
1997	77	109	239	250	45	112	126	149
\$50,000 to \$69,999 2002	-	121	107	142	57	112	71	69
1997	79	151	126	94	18	58	99	114
\$70,000 to \$99,999 2002	5	124	105	73	11	37	59	30
1997	30	148	64	25	30	47	37	47
\$100,000 to \$199,999 2002	35	121	142	100	32	58	86	94
1997	21	130	117	74	2	125	104	67
\$200,000 to \$499,999 2002	40	141	94	115	6	52	73	147
1997	10	87	60	36	4	45	32	52
\$500,000 or more 2002	1	22	10	32	2	6	7	39
1997	2	9	7	8	-	4	5	16
SELECTED MACHINERY AND EQUIPMENT								
Tractors farms, 2002	604	1,158	972	1,191	362	884	968	937
1997	711	1,222	1,008	1,187	270	878	1,037	856
number, 2002	1,564	3,828	3,173	3,665	711	2,505	2,473	2,377
1997	1,361	3,863	2,665	2,908	533	1,986	2,174	2,070
Less than 40 horsepower (PTO) farms, 2002	373	534	378	840	243	594	554	459
1997	456	761	497	750	198	534	450	567
number, 2002	442	974	863	1,291	357	1,035	850	686
1997	610	1,145	687	1,184	250	846	747	791
40 to 99 horsepower (PTO) farms, 2002	474	890	755	844	222	622	670	657
1997	394	978	811	815	156	565	770	520
number, 2002	853	1,670	1,340	1,732	315	1,172	1,284	970
1997	553	1,622	1,361	1,425	245	895	1,208	803
100 horsepower (PTO) or more farms, 2002	104	588	579	337	37	153	209	376
1997	140	712	402	195	30	192	149	268
number, 2002	269	1,184	970	642	39	298	339	721
1997	198	1,096	617	299	38	245	219	476
Grain and bean combines (see text) farms, 2002	79	665	611	317	49	137	128	378
1997	84	679	568	320	31	212	131	346
number, 2002	91	839	659	321	49	154	128	432
1997	94	751	638	322	31	216	131	358
Cotton pickers and strippers farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms, 2002	14	32	20	58	2	13	43	8
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	14	32	30	86	(D)	13	44	8
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers farms, 2002	392	421	445	673	77	492	564	209
1997	301	342	305	479	111	441	565	262
number, 2002	464	499	517	864	91	615	711	228
1997	383	407	332	602	137	505	771	282
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors farms	138	54	52	109	92	126	144	215
number	227	92	65	182	119	196	226	289
Less than 40 horsepower (PTO) farms	14	25	1	48	68	62	107	140
number	19	32	(D)	57	82	122	108	156
40 to 99 horsepower (PTO) farms	118	10	33	60	29	43	46	48
number	157	17	37	71	31	47	106	60
100 horsepower (PTO) or more farms	29	29	20	40	4	27	8	54
number	51	43	(D)	54	6	27	12	73
Grain and bean combines farms	17	55	16	10	-	5	2	33
number	17	56	16	10	-	6	(D)	35
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	-	-	1	12	-	-	8	-
number	-	-	(D)	12	-	-	8	-
Hay balers farms	53	17	35	72	7	18	26	4
number	53	17	50	73	7	18	26	4
Manufactured prior to 1998:								
Tractors farms	543	1,158	969	1,138	299	841	913	851
number	1,337	3,736	3,108	3,483	592	2,309	2,247	2,088
Less than 40 horsepower (PTO) farms	373	527	377	794	196	561	461	364
number	423	942	(D)	1,234	275	913	742	530
40 to 99 horsepower (PTO) farms	411	883	729	827	197	604	636	628
number	696	1,653	1,303	1,661	284	1,125	1,178	910
100 horsepower (PTO) or more farms	78	582	569	324	33	141	208	348
number	218	1,141	(D)	588	33	271	327	648
Grain and bean combines farms	62	611	599	308	49	135	126	352
number	74	783	643	311	49	148	(D)	397

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Van Wert	Vinton	Warren	Washington	Wayne	Williams	Wood	Wyandot
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment farms, 2002	663	238	921	914	1,844	1,101	1,045	605
1997	760	248	903	1,072	1,832	1,055	1,099	661
\$1,000, 2002	84,079	7,293	48,802	66,688	138,078	66,871	111,134	53,732
1997	73,825	5,270	42,355	37,819	105,509	49,775	93,298	57,837
Average per farm dollars, 2002	126,817	30,643	52,988	72,963	74,880	60,737	106,348	88,814
1997	97,138	21,249	46,905	35,279	57,592	47,180	84,893	87,499
Farms by value group:								
\$1 to \$9,999 2002	119	51	295	151	392	382	201	117
1997	60	62	185	228	468	139	184	96
\$10,000 to \$19,999 2002	49	55	198	209	340	271	152	83
1997	149	84	249	309	331	297	234	108
\$20,000 to \$29,999 2002	79	78	118	129	181	67	56	1
1997	93	73	132	161	225	243	84	80
\$30,000 to \$49,999 2002	56	27	101	130	204	70	131	124
1997	150	6	129	162	202	64	87	77
\$50,000 to \$69,999 2002	51	5	41	111	137	43	91	82
1997	21	14	74	63	153	93	121	66
\$70,000 to \$99,999 2002	35	8	31	86	134	43	130	47
1997	29	1	33	58	125	84	56	42
\$100,000 to \$199,999 2002	90	10	61	41	234	114	129	79
1997	103	7	57	69	218	90	179	119
\$200,000 to \$499,999 2002	164	4	65	25	201	103	117	54
1997	145	1	38	22	86	44	136	66
\$500,000 or more 2002	20	-	11	32	21	8	38	18
1997	10	-	6	-	24	1	18	7
SELECTED MACHINERY AND EQUIPMENT								
Tractors farms, 2002	613	234	843	877	1,619	1,087	973	605
1997	685	237	849	1,026	1,650	974	1,019	612
number, 2002	2,122	473	1,965	2,461	5,501	2,477	2,800	1,879
1997	1,925	529	1,678	2,353	4,001	1,907	2,931	1,631
Less than 40 horsepower (PTO) farms, 2002	323	110	490	601	928	588	423	245
1997	296	161	452	655	952	512	486	319
number, 2002	521	172	854	919	1,591	757	676	485
1997	437	264	616	1,038	1,445	639	723	481
40 to 99 horsepower (PTO) farms, 2002	476	182	478	719	1,194	676	697	426
1997	528	163	511	690	1,154	545	745	436
number, 2002	720	257	768	1,229	2,630	993	1,185	687
1997	837	(D)	822	1,188	1,944	806	1,305	603
100 horsepower (PTO) or more farms, 2002	425	36	192	176	603	410	513	344
1997	408	23	155	104	422	298	544	324
number, 2002	881	44	343	313	1,280	727	939	707
1997	651	(D)	240	127	612	462	903	547
Grain and bean combines (see text) farms, 2002	444	18	128	102	430	377	593	385
1997	473	19	165	133	453	293	631	435
number, 2002	469	23	169	109	440	418	673	444
1997	509	19	172	134	514	322	715	475
Cotton pickers and strippers farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms, 2002	2	-	3	14	70	24	22	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	(D)	-	3	15	74	24	22	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers farms, 2002	128	127	232	673	896	234	218	121
1997	146	142	248	695	840	152	189	124
number, 2002	140	158	256	871	1,080	264	235	128
1997	160	190	268	893	1,008	160	229	144
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors farms	51	56	141	118	172	58	81	89
number	67	86	186	221	245	77	144	116
Less than 40 horsepower (PTO) farms	8	30	88	73	55	9	19	31
number	8	(D)	89	73	57	9	26	31
40 to 99 horsepower (PTO) farms	5	45	40	87	73	25	21	16
number	6	47	49	129	88	25	24	16
100 horsepower (PTO) or more farms	41	1	25	19	81	34	57	48
number	53	(D)	48	19	100	43	94	69
Grain and bean combines farms	34	1	32	-	8	16	64	37
number	37	(D)	33	-	8	18	105	38
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	1	-	-	-	13	-	-	-
number	(D)	-	-	-	14	-	-	-
Hay balers farms	12	22	5	88	86	9	3	20
number	12	22	6	106	87	9	3	20
Manufactured prior to 1998:								
Tractors farms	612	194	800	836	1,557	1,072	956	565
number	2,055	387	1,779	2,240	5,256	2,400	2,656	1,763
Less than 40 horsepower (PTO) farms	315	89	481	569	878	588	419	219
number	513	(D)	765	846	1,534	748	650	454
40 to 99 horsepower (PTO) farms	472	148	452	659	1,175	652	679	413
number	714	210	719	1,100	2,542	968	1,161	671
100 horsepower (PTO) or more farms	421	35	176	176	574	397	506	333
number	828	(D)	295	294	1,180	684	845	638
Grain and bean combines farms	414	17	101	102	422	361	539	351
number	432	(D)	136	109	432	400	568	406

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Ohio	Adams	Allen	Ashland	Ashtabula	Athens	Auglaize	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms	1,252	24	2	15	35	22	30	
number	1,378	24	(D)	15	(D)	22	(D)	
Hay balers farms	28,121	468	139	507	565	378	297	
number	33,739	614	152	640	690	507	302	
Item	Belmont	Brown	Butler	Carroll	Champaign	Clark	Clermont	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms	15	1	45	10	5	6	-	
number	15	(D)	65	11	5	7	-	
Hay balers farms	443	431	380	347	268	174	281	
number	610	525	479	519	387	180	(D)	
Item	Clinton	Columbiana	Coshocton	Crawford	Cuyahoga	Darke	Defiance	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms	16	38	89	3	6	41	2	
number	(D)	39	(D)	3	6	42	(D)	
Hay balers farms	204	547	592	226	24	393	143	
number	271	641	813	246	26	430	154	
Item	Delaware	Erie	Fairfield	Fayette	Franklin	Fulton	Gallia	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms	7	6	3	4	-	12	45	
number	(D)	6	3	(D)	-	14	45	
Hay balers farms	243	53	485	120	150	163	405	
number	316	63	560	144	167	(D)	453	
Item	Geauga	Greene	Guernsey	Hamilton	Hancock	Hardin	Harrison	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms	19	15	36	7	1	6	-	
number	31	15	36	7	(D)	7	-	
Hay balers farms	367	193	384	94	215	172	241	
number	388	214	523	128	225	198	352	
Item	Henry	Highland	Hocking	Holmes	Huron	Jackson	Jefferson	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms	1	50	-	42	11	-	9	
number	(D)	50	-	53	11	-	18	
Hay balers farms	148	529	233	1,142	264	238	260	
number	148	611	328	1,267	284	323	335	
Item	Knox	Lake	Lawrence	Licking	Logan	Lorain	Lucas	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms	20	-	8	5	3	2	2	
number	20	-	8	(D)	(D)	(D)	(D)	
Hay balers farms	549	24	348	595	244	299	78	
number	654	35	400	720	326	335	80	
Item	Madison	Mahoning	Marion	Medina	Meigs	Mercer	Miami	Monroe
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms	1	21	2	16	2	34	21	
number	(D)	(D)	(D)	(D)	(D)	34	21	
Hay balers farms	155	367	166	491	291	385	352	
number	177	453	187	547	366	394	410	

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Montgomery	Morgan	Morrow	Muskingum	Noble	Ottawa	Paulding	Perry
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	1	-	9	10	11	1	1	-
number	(D)	-	9	10	11	(D)	(D)	-
Hay balers farms	271	229	380	539	360	93	143	356
number	321	331	432	652	460	(D)	146	402
Item	Pickaway	Pike	Portage	Preble	Putnam	Richland	Ross	Sandusky
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	4	14	14	3	16	11	38	-
number	4	14	14	(D)	16	11	49	-
Hay balers farms	201	274	397	273	327	407	381	221
number	253	339	467	333	339	447	494	275
Item	Scioto	Seneca	Shelby	Stark	Summit	Trumbull	Tuscarawas	Union
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	14	32	19	55	2	13	36	8
number	14	32	(D)	74	(D)	13	36	8
Hay balers farms	351	405	414	637	77	492	546	206
number	411	482	467	791	84	597	685	224
Item	Van Wert	Vinton	Warren	Washington	Wayne	Williams	Wood	Wyandot
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	1	-	3	14	58	24	22	2
number	(D)	-	3	15	60	24	22	(D)
Hay balers farms	127	112	228	625	854	227	215	104
number	128	136	250	765	993	255	232	108