

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	Pennsylvania	Adams	Allegheny	Armstrong	Beaver	Bedford	Berks	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms, 2002	54,830	1,176	439	743	526	938	1,763	
1997	60,197	1,326	520	875	735	1,182	2,069	
\$1,000, 2002	3,289,501	87,685	16,726	44,898	19,499	48,773	111,966	
1997	2,868,791	78,009	17,092	34,494	23,459	53,595	134,009	
Average per farm	dollars, 2002	59,995	74,562	38,100	60,428	37,071	51,997	63,509
1997	47,657	58,830	32,869	39,422	31,917	45,342	64,770	
Farms by value group:								
\$1 to \$9,999	2002	13,475	242	117	168	70	184	471
1997	11,880	302	170	158	217	276	297	
\$10,000 to \$19,999	2002	9,753	165	132	105	134	187	283
1997	12,042	151	94	253	115	247	350	
\$20,000 to \$29,999	2002	6,899	217	52	94	77	126	228
1997	8,773	165	98	109	98	164	315	
\$30,000 to \$49,999	2002	7,081	99	31	71	107	194	172
1997	10,161	274	21	178	204	141	376	
\$50,000 to \$69,999	2002	4,653	75	44	115	84	30	120
1997	5,516	166	58	64	30	120	183	
\$70,000 to \$99,999	2002	3,679	122	15	40	39	90	164
1997	4,183	66	13	33	48	79	148	
\$100,000 to \$199,999	2002	5,518	143	33	97	2	89	140
1997	5,345	107	66	50	8	124	268	
\$200,000 to \$499,999	2002	3,191	89	15	50	12	31	171
1997	2,029	82	-	26	3	25	120	
\$500,000 or more	2002	581	24	-	3	1	7	14
1997	268	13	-	4	3	6	12	
SELECTED MACHINERY AND EQUIPMENT								
Tractors	farms, 2002	50,432	1,087	386	725	526	937	1,686
1997	54,878	1,264	403	822	715	1,100	1,827	
number, 2002	144,605	3,514	976	2,322	1,626	2,612	5,544	
1997	136,525	3,389	830	2,030	1,531	2,624	5,391	
Less than 40 horsepower (PTO)	farms, 2002	31,316	653	267	510	314	586	1,139
1997	34,406	914	302	570	526	617	1,168	
number, 2002	52,327	972	511	1,063	549	884	2,111	
1997	55,021	1,470	431	813	760	1,027	2,116	
40 to 99 horsepower (PTO)	farms, 2002	36,285	793	218	602	477	624	1,142
1997	39,881	854	229	619	407	800	1,373	
number, 2002	71,013	1,961	397	1,009	916	1,290	2,551	
1997	67,163	1,648	373	1,053	(D)	1,244	2,481	
100 horsepower (PTO) or more	farms, 2002	12,848	325	55	155	108	337	550
1997	10,314	188	20	111	74	279	547	
number, 2002	21,265	581	68	250	161	438	882	
1997	14,341	271	26	164	(D)	353	794	
Grain and bean combines (see text)	farms, 2002	8,198	237	36	122	118	103	401
1997	11,803	157	35	262	134	248	545	
number, 2002	8,803	255	36	126	118	104	439	
1997	12,742	190	35	273	135	250	634	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	2,345	26	-	23	10	65	92
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	2,533	29	-	25	10	65	93	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	30,256	625	166	608	380	684	845
1997	32,391	565	114	594	388	741	1,045	
number, 2002	36,412	737	231	702	436	842	956	
1997	38,868	653	139	784	459	899	1,175	
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors	farms	7,373	169	60	73	82	51	241
number	10,708	247	88	140	144	97	356	
Less than 40 horsepower (PTO)	farms	3,259	74	48	41	57	17	93
number	4,153	80	60	55	63	41	145	
40 to 99 horsepower (PTO)	farms	3,807	97	9	48	69	21	106
number	4,765	138	11	79	76	31	115	
100 horsepower (PTO) or more	farms	1,324	27	16	6	3	15	72
number	1,790	29	17	6	5	25	96	
Grain and bean combines	farms	257	2	-	1	-	3	21
number	267	(D)	-	(D)	-	3	22	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms	216	14	-	-	-	3	8
number	221	14	-	-	-	3	8	
Hay balers	farms	2,714	44	21	39	76	45	73
number	2,859	46	21	39	76	45	80	
Manufactured prior to 1998:								
Tractors	farms	48,095	1,040	361	716	491	929	1,606
number	133,897	3,267	888	2,182	1,482	2,515	5,188	
Less than 40 horsepower (PTO)	farms	29,134	583	232	481	279	578	1,063
number	48,174	892	451	1,008	486	843	1,966	
40 to 99 horsepower (PTO)	farms	34,219	764	215	578	432	623	1,099
number	66,248	1,823	386	930	840	1,259	2,436	
100 horsepower (PTO) or more	farms	12,344	321	41	155	107	337	518
number	19,475	552	51	244	156	413	786	
Grain and bean combines	farms	7,988	237	36	121	118	100	382
number	8,536	(D)	36	(D)	118	101	417	

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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	Blair	Bradford	Bucks	Butler	Cambria	Cameron	Carbon	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms, 2002	467	1,448	913	1,057	632	33	174	
1997	531	1,541	1,064	1,356	724	41	229	
\$1,000, 2002	37,149	92,194	56,261	60,032	30,967	946	8,083	
1997	26,187	70,440	48,229	57,748	31,773	967	9,641	
Average per farm	dollars, 2002	79,549	63,670	61,622	56,795	48,999	28,678	46,452
1997	49,316	45,711	45,328	42,587	43,885	23,596	42,099	
Farms by value group:								
\$1 to \$9,999	2002	57	383	314	170	174	4	39
1997	132	266	322	262	81	10	50	
\$10,000 to \$19,999	2002	128	146	103	219	72	13	24
1997	118	333	201	311	222	17	65	
\$20,000 to \$29,999	2002	41	223	39	171	125	7	15
1997	43	243	192	118	143	4	22	
\$30,000 to \$49,999	2002	49	244	111	65	97	3	49
1997	82	269	110	287	92	5	32	
\$50,000 to \$69,999	2002	27	101	135	128	26	3	22
1997	49	97	55	67	74	2	15	
\$70,000 to \$99,999	2002	31	64	40	104	57	-	3
1997	30	73	71	178	52	3	16	
\$100,000 to \$199,999	2002	92	187	98	176	57	3	19
1997	46	228	78	104	38	-	24	
\$200,000 to \$499,999	2002	29	81	70	9	21	-	2
1997	31	31	26	27	16	-	4	
\$500,000 or more	2002	13	19	3	15	3	1	
1997	-	1	9	2	6	-	1	
SELECTED MACHINERY AND EQUIPMENT								
Tractors	farms, 2002	455	1,408	813	1,057	601	32	161
1997	451	1,414	999	1,244	708	39	217	
number, 2002	1,519	4,325	2,177	3,102	1,721	66	510	
1997	1,087	3,525	2,628	3,231	1,938	75	603	
Less than 40 horsepower (PTO)	farms, 2002	288	784	624	661	329	26	135
1997	274	780	796	835	465	24	180	
number, 2002	464	1,056	964	1,101	446	40	292	
1997	422	1,102	1,284	1,512	763	40	338	
40 to 99 horsepower (PTO)	farms, 2002	330	1,204	441	836	493	12	102
1997	290	1,131	557	934	613	19	136	
number, 2002	733	2,561	912	1,592	1,037	(D)	160	
1997	492	1,983	1,061	1,436	1,000	(D)	(D)	
100 horsepower (PTO) or more	farms, 2002	145	404	199	264	118	3	39
1997	121	279	178	208	125	5	25	
number, 2002	322	708	301	409	238	(D)	58	
1997	173	440	283	283	175	(D)	(D)	
Grain and bean combines (see text)	farms, 2002	62	99	158	213	220	3	30
1997	84	223	177	493	206	5	48	
number, 2002	75	104	162	238	238	5	30	
1997	107	243	211	556	224	6	55	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	68	91	5	36	5	1	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	70	109	5	36	5	(D)	(D)	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	256	978	279	756	411	19	85
1997	282	1,079	332	875	415	24	97	
number, 2002	295	1,212	308	1,023	466	20	93	
1997	341	1,383	387	1,146	506	29	101	
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors	farms	102	258	93	111	29	1	27
number	127	368	126	124	34	(D)	55	
Less than 40 horsepower (PTO)	farms	72	89	4	34	14	1	15
number	75	89	8	46	15	(D)	35	
40 to 99 horsepower (PTO)	farms	22	161	88	74	3	-	11
number	23	261	111	74	3	-	13	
100 horsepower (PTO) or more	farms	21	12	6	4	13	7	7
number	29	18	7	4	16	-	7	
Grain and bean combines	farms	2	1	4	-	1	-	-
number	(D)	(D)	5	-	(D)	-	-	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	13	2	-	2	2	-	-
number	13	(D)	-	(D)	(D)	-	-	
Hay balers	farms	21	102	25	89	6	1	2
number	21	102	25	89	6	(D)	(D)	
Manufactured prior to 1998:								
Tractors	farms	425	1,340	798	1,046	598	31	158
number	1,392	3,957	2,051	2,978	1,687	(D)	455	
Less than 40 horsepower (PTO)	farms	235	725	622	642	316	25	127
number	389	967	956	1,055	431	(D)	257	
40 to 99 horsepower (PTO)	farms	328	1,142	364	783	492	12	92
number	710	2,300	801	1,518	1,034	(D)	147	
100 horsepower (PTO) or more	farms	140	403	198	263	117	3	35
number	293	690	294	405	222	(D)	51	
Grain and bean combines	farms	60	98	156	213	219	3	30
number	(D)	(D)	157	238	(D)	5	30	

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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	Centre	Chester	Clarion	Clearfield	Clinton	Columbia	Crawford	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment	farms, 2002	1,154	1,764	592	446	390	804	1,291
	1997	1,039	1,983	582	481	348	953	1,443
	\$1,000, 2002	55,357	94,872	37,240	12,655	18,890	65,111	87,463
	1997	45,902	113,896	29,620	16,319	19,761	50,602	62,073
Average per farm	dollars, 2002	47,969	53,782	62,906	28,376	48,436	80,984	67,748
	1997	44,179	57,436	50,893	33,928	56,785	53,098	43,017
Farms by value group:								
\$1 to \$9,999	2002	278	438	99	178	119	141	349
	1997	214	416	108	128	63	165	352
\$10,000 to \$19,999	2002	259	347	174	73	50	149	200
	1997	142	536	111	87	70	172	344
\$20,000 to \$29,999	2002	213	209	62	67	55	28	110
	1997	215	169	117	74	12	188	161
\$30,000 to \$49,999	2002	109	236	72	67	59	122	100
	1997	208	276	78	87	92	127	165
\$50,000 to \$69,999	2002	64	149	60	3	43	88	155
	1997	105	150	51	50	62	104	191
\$70,000 to \$99,999	2002	36	150	49	30	22	67	95
	1997	42	132	8	11	7	70	45
\$100,000 to \$199,999	2002	146	152	29	16	25	97	178
	1997	72	194	89	35	26	72	144
\$200,000 to \$499,999	2002	46	60	38	12	11	105	92
	1997	37	89	15	9	12	49	40
\$500,000 or more	2002	3	23	9	-	6	7	12
	1997	4	21	5	-	4	6	1
SELECTED MACHINERY AND EQUIPMENT								
Tractors	farms, 2002	1,107	1,564	573	377	361	734	1,195
	1997	932	1,664	581	472	281	904	1,323
	number, 2002	3,482	3,397	1,640	920	926	2,730	3,542
	1997	2,419	3,691	1,509	1,064	638	2,500	2,976
Less than 40 horsepower (PTO)	farms, 2002	680	1,038	407	273	196	497	659
	1997	601	966	431	274	162	700	717
	number, 2002	1,394	1,589	653	456	393	1,125	1,222
	1997	1,017	1,643	695	454	246	1,231	964
40 to 99 horsepower (PTO)	farms, 2002	788	755	430	211	255	519	1,016
	1997	619	1,083	411	306	183	594	990
	number, 2002	1,552	1,340	775	395	424	1,159	1,786
	1997	1,200	1,588	700	(D)	(D)	1,102	1,687
100 horsepower (PTO) or more	farms, 2002	256	279	134	48	74	325	277
	1997	159	326	67	77	88	102	253
	number, 2002	536	468	212	69	109	446	534
	1997	202	460	114	(D)	(D)	167	325
Grain and bean combines (see text)	farms, 2002	247	95	131	43	72	279	221
	1997	202	161	133	137	116	285	274
	number, 2002	287	98	143	43	76	290	229
	1997	217	183	161	153	129	307	291
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-
	1997	-	-	-	-	-	-	-
	number, 2002	-	-	-	-	-	-	-
	1997	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	36	41	29	1	20	37	88
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	number, 2002	47	43	30	(D)	21	38	98
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers	farms, 2002	726	525	422	204	238	458	787
	1997	718	686	397	306	240	360	806
	number, 2002	885	575	547	276	272	479	990
	1997	867	820	556	405	265	398	941
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors	farms	124	270	143	16	22	112	167
	number	154	383	177	16	56	196	313
Less than 40 horsepower (PTO)	farms	27	181	85	15	18	73	68
	number	32	218	85	(D)	46	81	87
40 to 99 horsepower (PTO)	farms	89	106	61	-	9	30	114
	number	101	133	61	-	(D)	78	143
100 horsepower (PTO) or more	farms	15	23	26	1	1	30	54
	number	21	32	31	(D)	(D)	37	83
Grain and bean combines	farms	4	11	1	-	-	6	8
	number	4	11	(D)	-	-	6	8
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms	-	17	2	-	-	1	26
	number	-	17	(D)	-	-	(D)	26
Hay balers	farms	45	35	25	9	22	23	132
	number	46	36	26	9	22	24	173
Manufactured prior to 1998:								
Tractors	farms	1,070	1,419	524	361	356	710	1,137
	number	3,328	3,014	1,463	904	870	2,534	3,229
Less than 40 horsepower (PTO)	farms	674	882	358	258	183	477	592
	number	1,362	1,371	568	(D)	347	1,044	1,135
40 to 99 horsepower (PTO)	farms	742	662	392	211	252	507	963
	number	1,451	1,207	714	395	(D)	1,081	1,643
100 horsepower (PTO) or more	farms	254	272	123	47	74	325	257
	number	515	436	181	(D)	(D)	409	451
Grain and bean combines	farms	243	85	131	43	72	275	213
	number	283	87	(D)	43	76	284	221

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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	Cumberland	Dauphin	Delaware	Elk	Erie	Fayette	Forest	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms, 2002	1,091	823	66	185	1,184	926	57	
1997	1,271	854	95	219	1,491	1,005	46	
\$1,000, 2002	70,580	40,320	2,039	10,216	85,797	49,580	1,540	
1997	62,824	47,731	3,509	9,203	78,698	46,604	1,985	
Average per farm	dollars, 2002	64,693	48,991	30,887	55,219	72,463	53,543	27,019
1997	49,429	55,891	36,935	42,024	52,782	46,372	43,151	
Farms by value group:								
\$1 to \$9,999	2002	234	250	23	48	235	203	20
1997	319	82	28	33	293	269	4	
\$10,000 to \$19,999	2002	132	118	13	28	252	153	13
1997	237	170	17	76	232	229	7	
\$20,000 to \$29,999	2002	194	112	9	45	141	142	8
1997	125	138	19	38	308	160	18	
\$30,000 to \$49,999	2002	92	97	8	21	122	106	2
1997	189	128	22	29	183	124	6	
\$50,000 to \$69,999	2002	131	61	7	5	66	138	11
1997	80	100	3	10	211	32	5	
\$70,000 to \$99,999	2002	80	77	2	10	122	44	-
1997	147	121	3	9	67	49	1	
\$100,000 to \$199,999	2002	152	86	3	13	117	75	2
1997	124	76	-	17	66	79	2	
\$200,000 to \$499,999	2002	67	18	1	15	109	63	1
1997	44	36	2	7	126	59	3	
\$500,000 or more	2002	9	4	-	-	20	2	
1997	6	3	1	-	5	4	-	
SELECTED MACHINERY AND EQUIPMENT								
Tractors	farms, 2002	1,005	737	57	174	1,086	843	44
1997	1,116	759	90	203	1,402	904	44	
number, 2002	2,893	1,795	109	422	3,241	2,423	111	
1997	2,880	1,950	185	406	3,254	2,271	108	
Less than 40 horsepower (PTO)	farms, 2002	533	476	42	120	678	515	36
1997	683	490	59	156	868	433	32	
number, 2002	908	661	68	193	992	976	55	
1997	990	752	74	217	1,303	717	54	
40 to 99 horsepower (PTO)	farms, 2002	754	494	26	125	782	715	33
1997	935	558	67	112	992	795	30	
number, 2002	1,499	901	(D)	208	1,814	1,215	52	
1997	1,679	965	101	(D)	1,652	1,362	(D)	
100 horsepower (PTO) or more	farms, 2002	306	179	2	12	228	140	4
1997	171	159	8	17	230	115	2	
number, 2002	486	233	(D)	21	435	232	4	
1997	211	233	10	(D)	299	192	(D)	
Grain and bean combines (see text)	farms, 2002	222	178	-	21	155	85	7
1997	308	261	3	58	167	130	14	
number, 2002	237	193	-	21	179	97	7	
1997	314	283	(D)	61	185	139	15	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	86	42	3	12	35	15	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	96	43	3	14	47	15	(D)	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	634	383	8	131	581	618	27
1997	717	542	15	146	632	654	34	
number, 2002	689	422	9	156	647	788	32	
1997	833	653	17	161	704	863	43	
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors	farms	121	83	19	22	253	113	1
number	215	122	(D)	31	366	221	(D)	
Less than 40 horsepower (PTO)	farms	57	47	13	13	75	21	-
number	95	74	13	13	76	22	-	
40 to 99 horsepower (PTO)	farms	32	43	6	15	156	103	1
number	60	43	(D)	18	236	189	(D)	
100 horsepower (PTO) or more	farms	53	4	-	-	48	10	-
number	60	5	-	-	54	10	-	
Grain and bean combines	farms	3	4	-	-	16	-	-
number	3	4	-	-	16	-	-	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	4	1	-	6	4	-	
number	4	(D)	-	6	6	-	-	
Hay balers	farms	44	17	-	10	47	16	1
number	45	17	-	10	60	16	(D)	
Manufactured prior to 1998:								
Tractors	farms	935	728	52	156	983	793	44
number	2,678	1,673	(D)	391	2,875	2,202	(D)	
Less than 40 horsepower (PTO)	farms	477	430	35	107	605	514	36
number	813	587	55	180	916	954	55	
40 to 99 horsepower (PTO)	farms	736	473	23	110	708	638	33
number	1,439	858	(D)	190	1,578	1,026	(D)	
100 horsepower (PTO) or more	farms	284	179	2	12	201	131	4
number	426	228	(D)	21	381	222	4	
Grain and bean combines	farms	219	175	-	21	152	85	7
number	234	189	-	21	163	97	7	

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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	Franklin	Fulton	Greene	Huntingdon	Indiana	Jefferson	Juniata	Lackawanna	
VALUE OF MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment									
farms, 2002	1,414	546	859	771	852	507	586	266	
1997	1,626	578	864	748	1,019	595	804	327	
\$1,000, 2002	116,793	46,400	28,985	42,985	53,774	28,503	36,351	17,301	
1997	105,638	36,613	26,915	36,727	48,801	22,499	33,929	14,990	
Average per farm	dollars, 2002	82,598	84,981	33,740	55,752	63,115	62,032	65,040	
1997	64,968	63,345	31,152	49,101	47,891	37,813	42,200	45,842	
Farms by value group:									
\$1 to \$9,999	2002	306	120	187	208	251	107	179	52
1997	284	80	97	159	220	90	177	40	
\$10,000 to \$19,999	2002	190	96	207	93	157	76	73	56
1997	325	104	181	129	190	169	130	49	
\$20,000 to \$29,999	2002	156	76	119	126	131	76	43	48
1997	130	89	235	122	124	58	135	81	
\$30,000 to \$49,999	2002	118	48	198	146	81	88	6	27
1997	281	110	255	65	118	170	165	48	
\$50,000 to \$69,999	2002	161	48	105	27	30	21	109	17
1997	131	76	49	114	106	55	56	38	
\$70,000 to \$99,999	2002	99	54	-	62	58	66	81	18
1997	112	28	16	67	107	4	74	38	
\$100,000 to \$199,999	2002	198	64	15	43	74	45	53	25
1997	261	58	26	56	140	42	37	23	
\$200,000 to \$499,999	2002	173	55	28	57	56	28	36	23
1997	92	19	5	34	10	-	30	9	
\$500,000 or more	2002	13	9	-	9	4	-	-	3
1997	10	14	-	2	4	1	-	1	
SELECTED MACHINERY AND EQUIPMENT									
Tractors	farms, 2002	1,330	490	827	722	773	483	469	266
1997	1,416	555	817	665	959	573	743	298	
number, 2002	4,537	1,544	1,698	1,936	2,299	1,704	1,635	731	
1997	3,398	1,693	1,539	1,805	2,366	1,516	1,974	664	
Less than 40 horsepower (PTO)	farms, 2002	675	277	402	413	571	329	261	189
1997	781	368	508	356	660	420	421	220	
number, 2002	1,296	492	581	601	975	638	520	369	
1997	1,135	756	683	513	1,103	670	705	339	
40 to 99 horsepower (PTO)	farms, 2002	1,065	385	585	569	554	334	328	193
1997	1,143	431	576	530	605	418	549	191	
number, 2002	2,407	805	1,008	1,060	1,073	831	898	301	
1997	1,892	790	799	1,009	1,016	(D)	1,091	(D)	
100 horsepower (PTO) or more	farms, 2002	529	160	76	175	143	146	159	43
1997	252	127	37	205	179	121	152	38	
number, 2002	834	247	109	275	251	235	217	61	
1997	371	147	57	283	247	(D)	178	(D)	
Grain and bean combines (see text)	farms, 2002	291	126	32	149	130	116	120	9
1997	274	180	66	190	298	153	188	11	
number, 2002	299	127	32	152	141	117	147	9	
1997	283	193	67	192	300	153	194	11	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-	
number, 2002	-	-	-	-	-	-	-	-	
1997	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms, 2002	115	53	1	64	34	1	18	13
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
number, 2002	120	68	(D)	65	37	(D)	18	18	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	748	394	482	475	478	374	343	179
1997	811	404	523	543	441	425	417	147	
number, 2002	927	525	687	569	646	508	451	231	
1997	1,001	530	723	654	565	534	497	198	
2002 INVENTORY									
Manufactured 1998 to 2002:									
Tractors	farms	336	122	181	159	41	31	26	47
number	425	217	195	227	64	40	57	65	
Less than 40 horsepower (PTO)	farms	63	65	48	26	21	6	24	22
number	67	136	48	44	24	6	(D)	33	
40 to 99 horsepower (PTO)	farms	199	54	120	128	13	10	2	24
number	212	69	123	165	25	10	(D)	27	
100 horsepower (PTO) or more	farms	122	11	24	16	9	24	1	4
number	146	12	24	18	15	24	(D)	5	
Grain and bean combines	farms	9	-	-	14	5	-	-	3
number	10	-	-	14	5	-	-	3	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	10	1	-	1	2	-	1	2
number	10	(D)	-	(D)	(D)	-	(D)	(D)	
Hay balers	farms	73	50	14	67	47	27	29	24
number	74	50	18	67	47	27	29	28	
Manufactured prior to 1998:									
Tractors	farms	1,266	460	775	650	770	483	456	244
number	4,112	1,327	1,503	1,709	2,235	1,664	1,578	666	
Less than 40 horsepower (PTO)	farms	649	231	361	388	553	329	248	167
number	1,229	356	533	557	951	632	(D)	336	
40 to 99 horsepower (PTO)	farms	990	354	523	522	544	334	327	174
number	2,195	736	885	895	1,048	821	(D)	274	
100 horsepower (PTO) or more	farms	452	160	76	162	142	137	158	42
number	688	235	85	257	236	211	(D)	56	
Grain and bean combines	farms	282	126	32	135	125	116	120	6
number	289	127	32	138	136	117	147	6	

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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	Lancaster	Lawrence	Lebanon	Lehigh	Luzerne	Lycoming	McKean	Mercer	
VALUE OF MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment									
farms, 2002	5,152	674	1,001	558	457	1,263	252	1,189	
1997	5,694	852	1,149	588	627	1,112	290	1,386	
\$1,000, 2002	355,094	97,815	75,044	44,172	22,968	61,526	8,700	54,913	
1997	273,561	38,891	73,142	37,763	28,935	48,667	6,050	54,680	
Average per farm	dollars, 2002	68,923	145,126	74,969	79,161	50,259	34,523	46,184	
1997	48,044	45,647	63,657	64,222	46,149	43,765	20,860	39,451	
Farms by value group:									
\$1 to \$9,999	2002	927	135	269	174	152	462	80	402
1997	908	213	89	144	108	260	109	280	
\$10,000 to \$19,999	2002	754	211	146	100	45	211	51	215
1997	1,102	153	246	111	107	217	87	384	
\$20,000 to \$29,999	2002	528	41	110	49	94	120	33	94
1997	851	113	127	97	111	162	25	119	
\$30,000 to \$49,999	2002	946	87	81	66	22	148	36	183
1997	1,066	136	234	49	120	178	39	172	
\$50,000 to \$69,999	2002	668	-	50	18	54	86	22	98
1997	566	75	104	28	37	99	12	160	
\$70,000 to \$99,999	2002	363	44	45	39	13	78	16	84
1997	474	84	63	15	50	52	10	135	
\$100,000 to \$199,999	2002	632	76	181	26	57	54	8	71
1997	548	51	237	103	71	83	7	106	
\$200,000 to \$499,999	2002	255	60	112	73	16	101	6	31
1997	166	24	48	32	21	61	1	29	
\$500,000 or more	2002	79	20	7	13	4	3	4	11
1997	13	3	1	9	2	-	-	1	
SELECTED MACHINERY AND EQUIPMENT									
Tractors	farms, 2002	4,318	643	907	493	443	1,140	217	1,132
1997	4,926	792	1,069	565	574	1,002	287	1,288	
number, 2002	10,976	1,824	2,755	1,667	1,607	3,720	575	2,888	
1997	11,300	1,863	2,638	1,701	1,664	2,643	642	3,030	
Less than 40 horsepower (PTO)	farms, 2002	2,146	363	518	357	357	823	146	628
1997	2,795	454	487	407	457	691	180	773	
number, 2002	3,441	556	762	722	755	1,442	215	877	
1997	4,443	722	759	842	876	1,196	308	1,068	
40 to 99 horsepower (PTO)	farms, 2002	2,863	516	624	312	361	842	142	861
1997	3,487	621	903	323	445	741	188	974	
number, 2002	5,252	968	1,341	716	686	1,777	305	1,573	
1997	5,277	943	1,540	672	(D)	1,201	(D)	1,572	
100 horsepower (PTO) or more	farms, 2002	1,497	166	373	152	95	245	37	237
1997	1,138	142	238	116	40	195	31	263	
number, 2002	2,283	300	652	229	166	501	55	438	
1997	1,580	198	339	187	(D)	246	(D)	390	
Grain and bean combines (see text)	farms, 2002	294	128	197	173	84	209	16	239
1997	590	192	255	197	158	251	23	320	
number, 2002	338	157	212	191	84	214	19	265	
1997	610	205	271	221	158	284	23	350	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	250	30	85	3	2	64	4	50
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	253	30	86	(D)	(D)	64	4	62	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	3,005	441	396	180	290	733	156	615
1997	3,006	493	534	213	251	574	182	654	
number, 2002	3,156	559	438	203	358	833	192	787	
1997	3,246	626	636	234	285	660	198	839	
2002 INVENTORY									
Manufactured 1998 to 2002:									
Tractors	farms	599	70	144	110	31	95	31	137
number	904	70	242	154	52	261	40	175	
Less than 40 horsepower (PTO)	farms	226	35	35	88	27	63	18	33
number	263	35	62	89	33	194	(D)	33	
40 to 99 horsepower (PTO)	farms	241	33	73	38	5	37	20	91
number	321	(D)	76	40	12	57	20	108	
100 horsepower (PTO) or more	farms	204	2	39	17	5	10	1	22
number	320	(D)	104	25	7	10	(D)	34	
Grain and bean combines	farms	16	2	5	12	-	-	-	-
number	17	(D)	5	12	-	-	-	-	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	24	1	7	2	-	3	1	-
number	26	(D)	7	(D)	-	3	(D)	-	
Hay balers	farms	186	106	17	12	9	77	17	50
number	186	106	18	12	9	77	17	50	
Manufactured prior to 1998:									
Tractors	farms	4,179	643	881	457	440	1,118	198	1,110
number	10,072	1,754	2,513	1,513	1,555	3,459	535	2,713	
Less than 40 horsepower (PTO)	farms	2,037	363	488	323	354	790	128	606
number	3,178	521	700	633	722	1,248	(D)	844	
40 to 99 horsepower (PTO)	farms	2,769	516	605	289	358	840	131	841
number	4,931	(D)	1,265	676	674	1,720	285	1,465	
100 horsepower (PTO) or more	farms	1,410	165	352	140	93	244	37	227
number	1,963	(D)	548	204	159	491	(D)	404	
Grain and bean combines	farms	279	126	194	164	84	209	16	239
number	321	(D)	207	179	84	214	19	265	

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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	Mifflin	Monroe	Montgomery	Montour	Northampton	Northumberland	Perry	Philadelphia	
VALUE OF MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment									
farms, 2002	699	273	641	304	486	722	729	9	
1997	820	259	650	351	545	785	820	13	
\$1,000, 2002	35,929	13,116	32,641	18,380	43,310	44,787	41,873	148	
1997	43,267	12,379	29,933	18,893	34,946	35,022	36,832	951	
Average per farm	dollars, 2002	51,401	48,045	50,921	60,460	89,116	62,032	57,438	16,482
1997	52,765	47,796	46,051	53,825	64,122	44,614	44,917	73,169	
Farms by value group:									
\$1 to \$9,999	2002	239	105	201	74	134	204	156	4
1997	179	67	116	36	142	134	237	71	2
\$10,000 to \$19,999	2002	90	31	118	63	60	123	166	1
1997	144	30	185	79	106	146	172	1	
\$20,000 to \$29,999	2002	71	19	54	29	47	70	62	1
1997	61	27	80	89	60	133	91	4	
\$30,000 to \$49,999	2002	18	37	96	44	42	111	130	2
1997	144	60	109	29	113	170	85	-	
\$50,000 to \$69,999	2002	83	27	40	16	43	29	51	-
1997	15	19	15	34	43	73	71	2	
\$70,000 to \$99,999	2002	84	15	26	17	11	33	45	-
1997	169	13	22	22	5	75	65	-	
\$100,000 to \$199,999	2002	83	28	64	41	104	101	64	-
1997	71	31	100	40	30	24	76	4	
\$200,000 to \$499,999	2002	28	8	39	16	28	43	51	-
1997	35	12	23	20	25	25	19	1	
\$500,000 or more	2002	3	-	3	4	17	8	4	-
1997	2	-	-	2	21	5	4	-	
SELECTED MACHINERY AND EQUIPMENT									
Tractors	farms, 2002	499	267	591	277	456	698	673	7
1997	648	238	596	324	531	725	736	11	
number, 2002	1,305	763	1,451	842	1,611	2,033	2,298	8	
1997	1,770	688	1,425	917	1,341	2,055	1,857	21	
Less than 40 horsepower (PTO)	farms, 2002	255	217	443	190	329	520	466	7
1997	327	215	426	192	394	543	428	8	
number, 2002	342	361	680	310	586	928	837	8	
1997	479	426	665	347	544	885	754	8	
40 to 99 horsepower (PTO)	farms, 2002	363	147	369	209	338	480	477	-
1997	592	141	386	286	360	533	573	6	
number, 2002	694	292	628	386	711	802	1,146	-	
1997	1,088	246	609	479	637	931	924	(D)	
100 horsepower (PTO) or more	farms, 2002	173	79	111	73	179	180	185	-
1997	185	15	95	60	100	159	132	2	
number, 2002	269	110	143	146	314	303	315	-	
1997	203	16	151	91	160	239	179	(D)	
Grain and bean combines (see text)	farms, 2002	33	38	65	63	141	97	147	-
1997	120	62	116	122	158	269	244	-	
number, 2002	34	43	65	69	161	110	165	-	
1997	141	65	120	139	167	321	249	-	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-	
number, 2002	-	-	-	-	-	-	-	-	
1997	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms, 2002	29	19	4	9	22	42	17	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
number, 2002	29	22	4	9	22	42	17	-	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	390	104	225	170	185	266	470	-
1997	536	110	234	176	284	396	493	-	
number, 2002	501	134	245	187	214	311	561	-	
1997	626	117	263	214	315	439	570	-	
2002 INVENTORY									
Manufactured 1998 to 2002:									
Tractors	farms	6	48	106	30	49	227	89	-
number	9	62	166	45	120	253	118	-	
Less than 40 horsepower (PTO)	farms	1	23	70	25	28	50	21	-
number	(D)	32	83	28	52	53	45	-	
40 to 99 horsepower (PTO)	farms	2	18	41	7	19	174	59	-
number	(D)	18	56	10	29	177	60	-	
100 horsepower (PTO) or more	farms	4	12	25	5	29	17	12	-
number	(D)	12	27	7	39	23	13	-	
Grain and bean combines	farms	1	8	2	4	23	8	1	-
number	(D)	8	(D)	4	26	9	(D)	-	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	-	-	2	-	1	3	1	-
number	-	-	(D)	-	(D)	3	(D)	-	
Hay balers	farms	66	4	29	11	27	46	23	-
number	66	4	29	11	39	49	23	-	
Manufactured prior to 1998:									
Tractors	farms	499	251	556	255	443	646	632	7
number	1,296	701	1,285	797	1,491	1,780	2,180	8	
Less than 40 horsepower (PTO)	farms	255	206	387	169	303	476	455	7
number	(D)	329	597	282	534	875	792	8	
40 to 99 horsepower (PTO)	farms	362	139	358	206	324	323	443	-
number	(D)	274	572	376	682	625	1,086	-	
100 horsepower (PTO) or more	farms	171	71	99	72	167	173	185	-
number	(D)	98	116	139	275	280	302	-	
Grain and bean combines	farms	33	30	63	59	121	90	146	-
number	(D)	35	(D)	65	65	135	101	(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	Pike	Potter	Schuylkill	Snyder	Somerset	Sullivan	Susquehanna	Tioga	
VALUE OF MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment									
farms, 2002	41	328	757	702	1,164	171	917	930	
1997	61	374	803	900	1,223	158	849	983	
\$1,000, 2002	1,763	21,205	48,146	83,159	68,915	8,393	51,058	48,882	
1997	2,184	14,870	50,032	32,765	62,108	8,352	34,816	38,769	
Average per farm	dollars, 2002	43,009	64,651	63,602	118,461	59,206	55,679	52,561	
1997	35,803	39,761	62,306	36,406	50,783	52,860	41,009	39,440	
Farms by value group:									
\$1 to \$9,999	2002	17	55	145	121	267	36	232	213
1997	9	115	104	167	249	12	165	316	
\$10,000 to \$19,999	2002	8	56	176	84	203	39	205	230
1997	16	87	108	187	242	46	145	148	
\$20,000 to \$29,999	2002	-	63	93	61	192	36	106	127
1997	10	33	139	178	129	29	163	142	
\$30,000 to \$49,999	2002	5	48	135	120	138	19	99	68
1997	6	44	139	167	248	11	157	125	
\$50,000 to \$69,999	2002	1	16	34	67	112	13	72	73
1997	9	41	98	75	54	14	87	76	
\$70,000 to \$99,999	2002	6	7	33	46	85	3	53	71
1997	4	7	67	52	112	19	63	76	
\$100,000 to \$199,999	2002	1	60	77	134	79	18	72	101
1997	7	37	98	64	126	23	50	74	
\$200,000 to \$499,999	2002	3	19	54	16	69	6	67	36
1997	-	8	45	10	59	3	19	23	
\$500,000 or more	2002	-	4	10	53	19	11	11	
1997	-	2	5	-	4	1	-	3	
SELECTED MACHINERY AND EQUIPMENT									
Tractors	farms, 2002	40	314	720	624	1,060	170	789	873
1997	57	304	776	718	1,159	141	798	903	
number, 2002	110	839	2,001	2,033	3,365	428	2,400	2,379	
1997	125	770	2,168	1,996	2,772	382	1,852	2,337	
Less than 40 horsepower (PTO)	farms, 2002	33	180	497	404	559	102	525	486
1997	44	181	530	398	517	101	493	542	
number, 2002	69	255	891	736	965	142	776	608	
1997	67	299	975	604	777	166	712	870	
40 to 99 horsepower (PTO)	farms, 2002	14	248	455	521	870	123	601	676
1997	35	206	500	589	940	104	565	674	
number, 2002	23	452	830	1,006	1,634	252	1,225	1,413	
1997	(D)	366	886	1,121	1,582	189	1,053	(D)	
100 horsepower (PTO) or more	farms, 2002	16	63	159	160	412	14	218	198
1997	9	66	231	235	289	19	56	137	
number, 2002	18	132	280	291	766	34	399	358	
1997	(D)	105	307	271	413	27	87	(D)	
Grain and bean combines (see text)	farms, 2002	2	18	136	175	333	8	19	41
1997	1	47	291	239	185	28	38	136	
number, 2002	(D)	19	140	178	336	9	19	41	
1997	(D)	48	309	288	195	39	38	150	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-	
1997	-	-	-	-	-	-	-	-	
number, 2002	-	-	-	-	-	-	-	-	
1997	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms, 2002	5	11	29	45	47	10	44	37
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
number, 2002	5	11	39	47	55	14	61	38	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	14	126	297	365	761	101	480	567
1997	15	166	368	509	762	109	519	601	
number, 2002	18	164	378	400	886	112	619	735	
1997	16	210	385	591	852	134	674	797	
2002 INVENTORY									
Manufactured 1998 to 2002:									
Tractors	farms	12	69	93	155	119	-	151	143
number	13	104	134	180	131	-	225	155	
Less than 40 horsepower (PTO)	farms	9	17	59	124	87	-	111	58
number	(D)	25	62	143	87	-	127	58	
40 to 99 horsepower (PTO)	farms	2	52	23	26	24	-	72	68
number	(D)	64	33	26	25	-	81	74	
100 horsepower (PTO) or more	farms	1	10	29	8	13	-	17	20
number	(D)	15	39	11	19	-	17	23	
Grain and bean combines	farms	-	1	4	-	3	-	-	
number	(D)	4	-	-	-	3	-	-	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	-	1	2	2	5	1	1	
number	-	(D)	(D)	(D)	5	(D)	(D)	-	
Hay balers	farms	1	10	29	28	57	7	31	81
number	(D)	10	29	29	58	7	31	94	
Manufactured prior to 1998:									
Tractors	farms	36	275	685	605	1,039	170	700	820
number	97	735	1,867	1,853	3,234	428	2,175	2,224	
Less than 40 horsepower (PTO)	farms	28	163	467	313	486	102	427	437
number	(D)	230	829	593	878	142	649	550	
40 to 99 horsepower (PTO)	farms	13	203	444	502	856	123	554	646
number	(D)	388	797	980	1,609	252	1,144	1,339	
100 horsepower (PTO) or more	farms	15	63	147	156	411	14	218	198
number	(D)	117	241	280	747	34	382	335	
Grain and bean combines	farms	2	17	133	175	330	8	19	41
number	(D)	(D)	136	178	333	9	19	41	

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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	Union	Venango	Warren	Washington	Wayne	Westmoreland	Wyoming	York	
VALUE OF MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment									
farms, 2002	519	473	477	2,455	576	1,311	360	2,357	
1997	659	514	562	1,747	707	1,403	382	2,367	
\$1,000, 2002	35,784	13,832	23,076	86,669	28,712	60,211	20,785	120,568	
1997	29,028	13,220	18,769	60,367	30,829	60,331	17,300	120,657	
Average per farm	dollars, 2002	68,947	29,244	48,377	35,303	49,847	57,735	51,153	
1997	dollars, 1997	44,048	25,721	33,396	34,555	43,605	45,287	50,975	
Farms by value group:									
\$1 to \$9,999	2002	93	120	135	631	168	392	85	629
1997	114	152	116	360	120	230	84	380	
\$10,000 to \$19,999	2002	100	129	111	634	111	124	31	506
1997	159	96	191	372	93	184	79	435	
\$20,000 to \$29,999	2002	40	99	44	352	66	209	71	357
1997	75	93	16	338	114	257	36	441	
\$30,000 to \$49,999	2002	63	52	75	433	46	170	65	279
1997	101	107	127	354	142	297	41	394	
\$50,000 to \$69,999	2002	79	24	7	99	52	159	11	140
1997	62	10	27	114	119	213	75	330	
\$70,000 to \$99,999	2002	37	19	28	117	32	87	29	122
1997	45	44	36	97	57	89	24	169	
\$100,000 to \$199,999	2002	67	27	41	120	65	127	42	153
1997	86	12	46	74	52	106	37	91	
\$200,000 to \$499,999	2002	37	3	35	56	35	43	22	149
1997	17	-	3	36	9	21	5	96	
\$500,000 or more	2002	3	-	1	13	-	4	22	
1997	-	-	-	2	1	6	1	31	
SELECTED MACHINERY AND EQUIPMENT									
Tractors	farms, 2002	518	457	426	2,277	526	1,233	354	2,199
1997	573	499	536	1,679	608	1,364	371	2,176	
number, 2002	1,718	1,150	984	5,692	1,599	3,497	955	5,403	
1997	1,661	1,036	1,233	3,472	1,494	3,608	913	5,463	
Less than 40 horsepower (PTO)	farms, 2002	292	281	299	1,429	360	943	215	1,363
1997	410	286	326	990	376	911	259	1,508	
number, 2002	553	565	465	2,550	570	1,462	289	1,999	
1997	627	432	483	1,557	596	1,430	433	2,332	
40 to 99 horsepower (PTO)	farms, 2002	432	312	243	1,704	361	832	292	1,507
1997	474	360	393	1,141	454	1,016	213	1,578	
number, 2002	852	543	418	2,692	862	1,523	560	2,771	
1997	808	528	(D)	1,678	782	(D)	388	2,619	
100 horsepower (PTO) or more	farms, 2002	203	29	75	293	101	305	66	357
1997	176	76	60	179	109	282	51	383	
number, 2002	313	42	101	450	167	512	106	633	
1997	226	76	(D)	237	116	(D)	92	512	
Grain and bean combines (see text)	farms, 2002	126	81	33	140	2	165	17	447
1997	189	123	11	185	9	420	34	564	
number, 2002	127	82	33	163	(D)	168	17	486	
1997	199	123	11	200	9	427	34	594	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-	
1997	-	-	-	-	-	-	-	-	
number, 2002	-	-	-	-	-	-	-	-	
1997	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms, 2002	16	1	28	35	2	58	21	157
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
number, 2002	16	(D)	28	35	(D)	69	25	163	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	316	333	263	1,366	300	821	219	994
1997	378	415	283	1,088	441	916	241	929	
number, 2002	326	434	298	1,864	380	1,042	268	1,177	
1997	409	496	318	1,464	525	1,162	283	1,054	
2002 INVENTORY									
Manufactured 1998 to 2002:									
Tractors	farms	59	36	72	434	39	55	33	425
number	162	37	97	605	71	66	46	544	
Less than 40 horsepower (PTO)	farms	38	7	55	166	1	9	17	231
number	59	(D)	63	197	(D)	16	17	278	
40 to 99 horsepower (PTO)	farms	26	29	24	285	37	44	23	190
number	74	29	31	340	41	44	29	206	
100 horsepower (PTO) or more	farms	28	1	3	35	29	4	-	44
number	29	(D)	3	68	(D)	6	-	60	
Grain and bean combines	farms	9	1	-	-	-	2	-	36
number	9	(D)	-	-	-	(D)	-	-	37
Cotton pickers and strippers	farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms	1	-	-	1	-	2	6	27
number	(D)	-	-	(D)	-	(D)	6	6	27
Hay balers	farms	19	9	43	115	123	29	28	123
number	19	10	50	116	137	29	29	135	
Manufactured prior to 1998:									
Tractors	farms	501	441	391	2,101	524	1,231	338	2,012
number	1,556	1,113	887	5,087	1,528	3,431	909	4,859	
Less than 40 horsepower (PTO)	farms	275	281	259	1,371	359	941	205	1,211
number	494	(D)	402	2,353	(D)	1,446	272	1,721	
40 to 99 horsepower (PTO)	farms	414	296	227	1,489	332	820	279	1,375
number	778	514	387	2,352	821	1,479	531	2,565	
100 horsepower (PTO) or more	farms	186	28	74	282	100	305	66	343
number	284	(D)	98	382	(D)	506	106	573	
Grain and bean combines	farms	117	80	33	140	2	164	17	421
number	118	(D)	33	163	(D)	17	17	449	

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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	Pennsylvania	Adams	Allegheny	Armstrong	Beaver	Bedford	Berks	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms	2,143	13	-	23	10	62	85	
number	2,312	15	-	25	10	62	85	
Hay balers farms	28,401	585	164	592	315	656	812	
number	33,553	691	210	663	360	797	876	
Item	Blair	Bradford	Bucks	Butler	Cambria	Cameron	Carbon	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms	56	90	5	34	3	1	1	
number	57	(D)	5	(D)	(D)	(D)	(D)	
Hay balers farms	245	903	257	722	408	18	85	
number	274	1,110	283	934	460	(D)	(D)	
Item	Centre	Chester	Clarion	Clearfield	Clinton	Columbia	Crawford	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms	36	25	28	1	20	37	63	
number	47	26	(D)	(D)	21	(D)	72	
Hay balers farms	698	498	407	204	226	435	681	
number	839	539	521	267	250	455	817	
Item	Cumberland	Dauphin	Delaware	Elk	Erie	Fayette	Forest	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms	83	42	3	6	32	15	2	
number	92	(D)	3	8	41	15	(D)	
Hay balers farms	595	368	8	123	543	602	27	
number	644	405	9	146	587	772	(D)	
Item	Franklin	Fulton	Greene	Huntingdon	Indiana	Jefferson	Juniata	Lackawanna
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	106	52	1	63	32	1	17	11
number	110	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Hay balers farms	719	362	471	422	467	364	324	167
number	853	475	669	502	599	481	422	203
Item	Lancaster	Lawrence	Lebanon	Lehigh	Luzerne	Lycoming	McKean	Mercer
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	226	29	78	1	2	61	3	50
number	227	(D)	79	(D)	(D)	61	(D)	62
Hay balers farms	2,838	391	381	170	282	666	146	574
number	2,970	453	420	191	349	756	175	737
Item	Mifflin	Monroe	Montgomery	Montour	Northampton	Northumberland	Perry	Philadelphia
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	29	19	2	9	21	39	16	-
number	29	22	(D)	9	(D)	39	(D)	-
Hay balers farms	324	100	198	161	159	227	456	-
number	435	130	216	176	175	262	538	-
Item	Pike	Potter	Schuylkill	Snyder	Somerset	Sullivan	Susquehanna	Tioga
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	5	10	27	43	43	10	43	37
number	5	(D)	(D)	(D)	50	(D)	(D)	38
Hay balers farms	14	123	279	340	727	94	473	534
number	(D)	154	349	371	828	105	588	641

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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	Union	Venango	Warren	Washington	Wayne	Westmoreland	Wyoming	York
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	15	1	28	34	2	56	15	130
number	(D)	(D)	28	(D)	(D)	(D)	19	136
Hay balers farms	298	332	229	1,289	206	797	191	929
number	307	424	248	1,748	243	1,013	239	1,042