

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	Kansas	Allen	Anderson	Atchison	Barber	Barton	Bourbon	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms, 2002	62,905	584	653	616	447	775	817	
1997	65,424	617	689	637	494	810	826	
\$1,000, 2002	5,983,765	45,949	53,135	37,676	39,365	80,532	40,154	
1997	4,742,477	30,138	39,301	32,924	38,143	64,588	28,670	
Average per farm	dollars, 2002	95,124	78,680	81,370	61,163	88,065	103,913	49,148
1997	72,488	48,846	57,040	51,685	77,213	79,738	34,709	
Farms by value group:								
\$1 to \$9,999	2002	17,964	158	234	153	93	184	215
1997	13,501	112	63	100	83	75	199	
\$10,000 to \$19,999	2002	8,120	68	55	104	99	59	153
1997	10,964	194	94	214	45	88	140	
\$20,000 to \$29,999	2002	5,649	67	36	96	33	46	123
1997	8,405	79	146	110	21	79	251	
\$30,000 to \$49,999	2002	6,630	49	95	58	50	64	91
1997	8,342	91	124	31	87	130	70	
\$50,000 to \$69,999	2002	4,532	59	68	58	29	80	46
1997	5,121	31	68	55	103	90	73	
\$70,000 to \$99,999	2002	3,883	21	50	54	18	43	45
1997	4,535	28	96	14	39	112	14	
\$100,000 to \$199,999	2002	7,527	89	41	45	55	191	107
1997	8,005	51	55	80	72	189	63	
\$200,000 to \$499,999	2002	6,474	64	34	42	57	90	35
1997	5,711	29	42	29	42	39	15	
\$500,000 or more	2002	2,126	9	40	6	13	18	2
1997	840	2	1	4	2	8	1	
SELECTED MACHINERY AND EQUIPMENT								
Tractors	farms, 2002	57,651	555	626	547	401	621	722
1997	58,425	584	594	603	424	720	776	
number, 2002	140,913	1,361	1,400	1,461	855	2,105	1,580	
1997	138,121	1,271	1,555	1,461	834	2,175	1,513	
Less than 40 horsepower (PTO)	farms, 2002	21,168	262	286	230	109	328	286
1997	22,510	221	249	213	92	337	265	
number, 2002	28,424	299	311	293	111	435	388	
1997	30,364	262	287	280	92	503	333	
40 to 99 horsepower (PTO)	farms, 2002	36,669	359	362	442	184	433	557
1997	37,893	464	487	434	214	500	554	
number, 2002	55,199	552	673	686	214	658	806	
1997	58,175	(D)	787	724	288	813	857	
100 horsepower (PTO) or more	farms, 2002	29,886	259	255	276	240	508	215
1997	29,524	192	316	279	276	478	224	
number, 2002	57,290	510	416	482	530	1,012	386	
1997	49,582	(D)	481	457	454	859	323	
Grain and bean combines (see text)	farms, 2002	23,777	239	227	266	162	432	176
1997	26,964	249	313	227	152	477	157	
number, 2002	28,843	278	265	315	201	545	181	
1997	33,234	290	408	293	188	622	187	
Cotton pickers and strippers	farms, 2002	48	-	1	-	13	-	-
1997	20	-	-	-	1	-	-	
number, 2002	55	-	(D)	-	14	-	-	
1997	28	-	-	-	(D)	-	-	
Forage harvesters, self-propelled (see text)	farms, 2002	2,626	9	28	15	8	45	26
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
number, 2002	2,821	9	28	17	8	48	26	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	22,381	355	247	324	99	342	375
1997	21,298	264	323	264	117	293	302	
number, 2002	27,900	441	296	403	119	426	452	
1997	26,907	341	407	311	149	373	433	
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors	farms	6,317	40	83	36	26	43	44
number	8,860	46	106	48	45	65	61	
Less than 40 horsepower (PTO)	farms	1,359	3	13	20	1	10	20
number	1,500	4	13	20	(D)	10	20	
40 to 99 horsepower (PTO)	farms	1,594	25	44	3	1	6	13
number	1,782	25	44	3	(D)	9	13	
100 horsepower (PTO) or more	farms	4,017	14	39	16	26	31	23
number	5,578	17	49	25	(D)	46	28	
Grain and bean combines	farms	1,880	4	15	3	15	25	13
number	2,089	5	16	3	15	28	13	
Cotton pickers and strippers	farms	12	-	-	-	1	-	-
number	18	-	(D)	-	(D)	-	-	
Forage harvesters, self-propelled (see text)	farms	251	-	1	2	1	3	-
number	280	-	(D)	(D)	(D)	6	-	
Hay balers	farms	2,626	18	18	20	17	37	27
number	2,797	18	18	20	17	42	27	
Manufactured prior to 1998:								
Tractors	farms	55,961	554	617	545	398	620	711
number	132,053	1,315	1,294	1,413	810	2,040	1,519	
Less than 40 horsepower (PTO)	farms	20,074	259	273	211	108	318	277
number	26,924	295	298	273	(D)	425	368	
40 to 99 horsepower (PTO)	farms	35,687	341	343	441	183	429	545
number	53,417	527	629	683	(D)	649	793	
100 horsepower (PTO) or more	farms	28,446	259	247	274	233	506	203
number	51,712	493	367	457	(D)	966	358	
Grain and bean combines	farms	22,234	236	214	265	148	411	163
number	26,754	273	249	312	186	517	168	

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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	Brown	Butler	Chase	Chautauqua	Cherokee	Cheyenne	Clark
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment							
farms, 2002	574	1,285	238	368	716	444	298
1997	594	1,346	288	378	774	399	273
\$1,000, 2002	59,271	95,076	17,184	20,334	51,464	63,902	28,396
1997	62,418	52,907	18,052	15,060	47,456	37,200	24,569
Average per farm	dollars, 2002	103,259	73,989	72,201	55,255	71,877	95,289
1997	105,080	39,307	62,680	39,841	61,313	93,232	89,996
Farms by value group:							
\$1 to \$9,999	2002	172	393	64	145	183	70
1997	90	424	85	172	221	1	37
\$10,000 to \$19,999	2002	76	198	24	36	119	76
1997	81	240	35	56	133	111	12
\$20,000 to \$29,999	2002	24	74	36	47	104	29
1997	60	184	24	53	93	47	79
\$30,000 to \$49,999	2002	47	190	4	54	86	73
1997	80	246	51	39	75	60	31
\$50,000 to \$69,999	2002	49	178	12	13	41	24
1997	28	83	17	4	69	12	8
\$70,000 to \$99,999	2002	16	13	44	8	55	32
1997	59	42	8	4	63	45	24
\$100,000 to \$199,999	2002	82	90	44	22	50	23
1997	60	74	37	34	53	56	36
\$200,000 to \$499,999	2002	80	134	8	43	59	86
1997	117	49	30	16	60	59	32
\$500,000 or more	2002	28	15	2	-	19	31
1997	19	4	1	-	7	8	1
SELECTED MACHINERY AND EQUIPMENT							
Tractors	farms, 2002	538	1,224	193	278	693	319
1997	543	1,177	224	301	668	367	222
number, 2002	1,519	2,739	535	512	1,661	928	627
1997	1,411	2,619	558	610	1,579	886	514
Less than 40 horsepower (PTO)	farms, 2002	189	657	114	128	310	119
1997	165	605	104	123	272	114	101
number, 2002	238	819	129	181	376	143	112
1997	200	880	147	179	416	132	125
40 to 99 horsepower (PTO)	farms, 2002	353	840	154	191	513	182
1997	406	855	165	211	494	197	96
number, 2002	601	1,168	233	265	779	212	145
1997	585	1,211	279	316	716	276	144
100 horsepower (PTO) or more	farms, 2002	355	417	101	48	260	263
1997	318	343	89	50	246	277	153
number, 2002	680	752	173	66	506	573	370
1997	626	528	132	115	447	478	245
Grain and bean combines (see text)	farms, 2002	278	348	66	45	239	164
1997	323	309	82	77	261	138	80
number, 2002	304	394	73	56	293	200	87
1997	345	355	95	100	320	176	95
Cotton pickers and strippers	farms, 2002	-	1	-	-	-	-
1997	-	1	-	-	-	-	-
number, 2002	-	(D)	-	-	-	-	-
1997	-	(D)	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	13	65	9	6	4	22
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	15	66	9	6	4	22	6
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers	farms, 2002	161	474	130	92	249	82
1997	145	383	103	114	231	53	39
number, 2002	211	622	158	111	317	98	72
1997	171	486	132	153	267	56	54
2002 INVENTORY							
Manufactured 1998 to 2002:							
Tractors	farms	62	128	19	30	97	52
number	69	134	34	35	126	68	39
Less than 40 horsepower (PTO)	farms	14	26	7	13	18	15
number	14	27	7	(D)	19	(D)	7
40 to 99 horsepower (PTO)	farms	12	48	14	17	56	1
number	12	48	15	19	57	(D)	7
100 horsepower (PTO) or more	farms	38	59	10	2	40	37
number	43	59	12	(D)	50	51	25
Grain and bean combines	farms	36	22	3	1	14	7
number	37	22	4	(D)	18	7	5
Cotton pickers and strippers	farms	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms	2	8	1	1	-	1
number	(D)	9	(D)	(D)	-	(D)	(D)
Hay balers	farms	11	44	13	10	14	13
number	11	48	19	10	14	14	10
Manufactured prior to 1998:							
Tractors	farms	529	1,201	182	253	668	317
number	1,450	2,605	501	477	1,535	860	588
Less than 40 horsepower (PTO)	farms	175	631	108	115	293	104
number	224	792	122	(D)	357	(D)	105
40 to 99 horsepower (PTO)	farms	350	801	141	177	489	181
number	589	1,120	218	246	722	(D)	138
100 horsepower (PTO) or more	farms	337	382	94	47	258	260
number	637	693	161	(D)	456	522	345
Grain and bean combines	farms	253	328	63	45	227	160
number	267	372	69	(D)	275	193	82

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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	Clay	Cloud	Coffey	Comanche	Cowley	Crawford	Decatur	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms, 2002	567	502	595	253	1,001	783	353	
1997	547	570	559	278	1,041	823	398	
\$1,000, 2002	48,142	56,841	49,542	27,671	71,298	49,400	41,868	
1997	43,173	46,286	37,095	18,842	49,884	37,487	38,724	
Average per farm	dollars, 2002	84,906	113,230	83,264	109,371	71,227	63,091	118,607
1997	dollars, 1997	78,927	81,204	66,359	67,777	47,919	45,549	97,297
Farms by value group:								
\$1 to \$9,999	2002	147	164	230	44	369	182	101
1997	92	110	64	31	181	199	49	
\$10,000 to \$19,999	2002	43	39	39	36	110	181	23
1997	46	64	42	37	187	196	81	
\$20,000 to \$29,999	2002	131	16	31	29	108	115	13
1997	59	65	163	38	289	141	26	
\$30,000 to \$49,999	2002	37	63	58	33	103	68	21
1997	100	94	59	36	139	83	39	
\$50,000 to \$69,999	2002	28	26	67	19	52	55	48
1997	78	76	72	13	96	82	6	
\$70,000 to \$99,999	2002	45	61	4	15	62	57	22
1997	28	38	51	77	18	34	31	
\$100,000 to \$199,999	2002	60	46	72	77	98	86	74
1997	81	67	65	26	74	59	130	
\$200,000 to \$499,999	2002	63	56	89	37	82	26	30
1997	57	40	43	20	57	25	27	
\$500,000 or more	2002	13	31	5	3	17	13	21
1997	6	16	-	-	5	4	9	
SELECTED MACHINERY AND EQUIPMENT								
Tractors	farms, 2002	548	482	442	184	876	737	339
1997	515	506	518	216	860	776	340	
number, 2002	1,570	1,392	1,360	417	1,690	1,603	901	
1997	1,286	1,235	1,270	411	1,816	1,560	899	
Less than 40 horsepower (PTO)	farms, 2002	166	261	186	38	285	240	76
1997	176	212	188	38	301	251	87	
number, 2002	219	314	324	43	372	316	108	
1997	242	318	306	39	362	298	116	
40 to 99 horsepower (PTO)	farms, 2002	426	342	333	104	606	544	237
1997	344	280	305	103	496	595	204	
number, 2002	688	459	602	127	759	727	318	
1997	558	440	484	(D)	714	905	(D)	
100 horsepower (PTO) or more	farms, 2002	266	304	285	133	314	288	223
1997	311	283	304	154	424	227	271	
number, 2002	663	619	434	247	559	560	475	
1997	486	477	480	(D)	740	357	(D)	
Grain and bean combines (see text)	farms, 2002	321	260	194	78	271	260	195
1997	280	279	233	100	369	283	229	
number, 2002	396	306	203	89	330	306	228	
1997	365	363	249	117	472	302	296	
Cotton pickers and strippers	farms, 2002	-	-	-	-	3	-	-
1997	-	-	-	-	10	-	-	
number, 2002	-	-	-	-	(D)	-	-	
1997	-	-	-	-	18	-	-	
Forage harvesters, self-propelled (see text)	farms, 2002	35	20	27	16	25	1	6
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
number, 2002	35	20	27	16	26	(D)	6	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	232	200	274	79	391	333	80
1997	210	205	242	87	262	293	110	
number, 2002	297	251	386	90	489	380	101	
1997	293	252	307	112	373	321	120	
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors	farms	72	116	79	19	69	77	39
number	108	164	81	26	70	98	67	
Less than 40 horsepower (PTO)	farms	15	48	13	3	9	10	13
number	15	49	(D)	3	9	10	13	
40 to 99 horsepower (PTO)	farms	4	24	1	3	16	44	26
number	4	26	(D)	3	16	44	26	
100 horsepower (PTO) or more	farms	54	48	66	16	44	36	26
number	89	89	67	20	45	44	28	
Grain and bean combines	farms	29	13	2	3	5	6	21
number	31	18	(D)	4	5	6	22	
Cotton pickers and strippers	farms	-	-	-	-	2	-	-
number	-	-	-	-	(D)	-	-	
Forage harvesters, self-propelled (see text)	farms	1	1	1	3	2	-	2
number	(D)	(D)	(D)	3	(D)	-	(D)	
Hay balers	farms	21	36	41	14	21	66	15
number	21	36	42	14	32	66	17	
Manufactured prior to 1998:								
Tractors	farms	520	481	442	180	876	708	327
number	1,462	1,228	1,279	391	1,620	1,505	834	
Less than 40 horsepower (PTO)	farms	151	242	186	35	284	230	63
number	204	265	(D)	40	363	306	95	
40 to 99 horsepower (PTO)	farms	423	341	333	101	591	513	213
number	684	433	(D)	124	743	683	292	
100 horsepower (PTO) or more	farms	241	281	249	129	313	269	211
number	574	530	367	227	514	516	447	
Grain and bean combines	farms	302	249	192	76	267	257	177
number	365	288	(D)	85	325	300	206	

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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	Dickinson	Doniphan	Douglas	Edwards	Elk	Ellis	Ellsworth	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms, 2002	942	451	848	345	404	747	464	
1997	967	519	902	311	380	711	447	
\$1,000, 2002	73,886	62,094	41,623	55,164	20,409	69,904	54,253	
1997	75,638	38,198	37,979	35,296	11,506	41,795	31,708	
Average per farm	dollars, 2002	78,435	137,681	49,084	159,896	50,517	93,580	116,925
1997	78,219	73,599	42,106	113,491	30,279	58,783	70,935	
Farms by value group:								
\$1 to \$9,999	2002	294	173	356	81	180	84	67
1997	144	124	259	68	135	55	28	
\$10,000 to \$19,999	2002	152	44	100	36	35	99	71
1997	107	141	222	11	81	143	118	
\$20,000 to \$29,999	2002	88	65	84	34	68	115	69
1997	225	61	157	33	51	108	29	
\$30,000 to \$49,999	2002	54	11	83	20	21	133	72
1997	50	47	107	39	51	118	81	
\$50,000 to \$69,999	2002	65	1	37	24	20	64	21
1997	117	20	50	6	37	117	25	
\$70,000 to \$99,999	2002	59	3	63	16	22	33	25
1997	53	6	31	37	10	61	46	
\$100,000 to \$199,999	2002	86	34	92	44	38	134	61
1997	166	47	43	64	4	75	85	
\$200,000 to \$499,999	2002	130	75	21	58	18	65	63
1997	89	68	21	42	10	29	33	
\$500,000 or more	2002	14	45	12	32	2	20	15
1997	16	5	12	11	1	5	2	
SELECTED MACHINERY AND EQUIPMENT								
Tractors	farms, 2002	920	406	794	313	367	746	448
1997	871	473	838	283	349	620	413	
number, 2002	2,593	859	1,526	785	708	1,549	1,043	
1997	2,467	1,108	1,900	758	685	1,413	873	
Less than 40 horsepower (PTO)	farms, 2002	325	165	373	77	183	360	129
1997	331	220	416	66	169	265	128	
number, 2002	479	176	465	81	281	401	158	
1997	501	293	626	86	221	336	154	
40 to 99 horsepower (PTO)	farms, 2002	701	183	538	165	270	321	348
1997	696	252	566	149	248	391	244	
number, 2002	1,304	252	786	237	350	486	451	
1997	1,202	(D)	887	(D)	(D)	(D)	(D)	
100 horsepower (PTO) or more	farms, 2002	419	236	162	207	52	364	214
1997	482	219	248	211	77	363	280	
number, 2002	810	431	275	467	77	662	434	
1997	764	(D)	387	(D)	(D)	(D)	(D)	
Grain and bean combines (see text)	farms, 2002	581	126	158	236	55	287	171
1997	550	180	267	146	93	329	246	
number, 2002	801	157	179	317	62	358	217	
1997	690	230	290	228	101	458	295	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	31	2	6	10	-	51	26
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	31	(D)	7	11	-	51	33	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	356	97	292	71	192	217	127
1997	425	125	314	75	165	298	180	
number, 2002	455	109	343	90	232	275	164	
1997	576	145	419	82	220	391	232	
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors	farms	91	72	72	42	35	35	39
number	152	86	96	68	50	40	54	
Less than 40 horsepower (PTO)	farms	12	26	44	4	18	15	17
number	13	(D)	44	(D)	29	(D)	17	
40 to 99 horsepower (PTO)	farms	35	1	35	2	16	1	10
number	55	(D)	40	(D)	(D)	(D)	10	
100 horsepower (PTO) or more	farms	67	46	7	40	2	20	22
number	84	58	12	62	(D)	24	27	
Grain and bean combines	farms	16	27	8	26	2	10	
number	18	28	9	31	(D)	5	10	
Cotton pickers and strippers	farms	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	2	-	1	-	-	1	
number	(D)	-	(D)	-	-	(D)	-	
Hay balers	farms	66	3	22	12	33	8	13
number	67	3	22	18	33	8	14	
Manufactured prior to 1998:								
Tractors	farms	906	371	770	308	343	731	431
number	2,441	773	1,430	717	658	1,509	989	
Less than 40 horsepower (PTO)	farms	313	140	339	73	172	345	112
number	466	(D)	421	(D)	252	(D)	141	
40 to 99 horsepower (PTO)	farms	669	183	532	164	257	320	338
number	1,249	(D)	746	(D)	(D)	(D)	441	
100 horsepower (PTO) or more	farms	375	209	160	202	52	356	211
number	726	373	263	405	(D)	638	407	
Grain and bean combines	farms	570	104	150	215	53	283	163
number	783	129	170	286	(D)	353	207	

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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	Finney	Ford	Franklin	Geary	Gove	Graham	Grant
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment							
farms, 2002	476	645	971	239	396	432	290
1997	532	732	1,006	227	449	387	259
\$1,000, 2002	111,781	74,892	60,238	19,888	67,606	34,891	52,089
1997	98,201	96,802	34,569	10,847	52,089	29,616	44,742
Average per farm	dollars, 2002	234,835	116,112	62,037	83,213	170,722	80,766
1997	184,589	132,244	34,363	47,783	116,010	76,528	179,616
1997							172,751
Farms by value group:							
\$1 to \$9,999	2002	101	188	318	56	40	159
1997	84	162	407	55	53	33	96
\$10,000 to \$19,999	2002	40	61	192	35	33	37
1997	69	76	250	29	33	60	31
\$20,000 to \$29,999	2002	12	59	97	27	21	47
1997	15	93	73	45	54	28	12
\$30,000 to \$49,999	2002	65	51	98	33	58	35
1997	39	63	75	32	42	33	11
\$50,000 to \$69,999	2002	17	45	73	20	35	49
1997	21	51	104	33	43	30	15
\$70,000 to \$99,999	2002	14	52	59	13	14	45
1997	20	80	20	13	25	1	15
\$100,000 to \$199,999	2002	90	82	57	21	61	41
1997	66	89	48	8	107	88	51
\$200,000 to \$499,999	2002	69	67	52	31	81	47
1997	185	90	26	11	82	37	58
\$500,000 or more	2002	68	40	25	3	35	22
1997	33	28	3	1	10	3	13
SELECTED MACHINERY AND EQUIPMENT							
Tractors	farms, 2002	416	574	933	225	371	269
1997	460	669	933	200	341	362	221
number, 2002	1,147	1,211	2,219	572	810	1,262	580
1997	1,313	1,582	1,954	504	926	659	537
Less than 40 horsepower (PTO)	farms, 2002	89	164	359	79	64	71
1997	113	176	440	109	132	44	69
number, 2002	121	247	490	98	86	96	63
1997	148	249	587	153	170	56	72
40 to 99 horsepower (PTO)	farms, 2002	290	248	728	175	227	313
1997	240	385	624	150	166	206	110
number, 2002	380	276	1,061	332	250	510	91
1997	387	584	960	282	282	275	130
100 horsepower (PTO) or more	farms, 2002	233	312	404	83	267	305
1997	369	439	293	45	266	212	182
number, 2002	646	688	668	142	474	656	149
1997	778	749	407	69	474	328	387
294							
Grain and bean combines (see text)	farms, 2002	161	295	265	109	177	131
1997	305	366	328	118	233	203	98
number, 2002	198	339	271	120	228	166	88
1997	346	407	373	130	305	256	113
104							
Cotton pickers and strippers	farms, 2002	-	2	-	-	-	-
1997	-	-	-	-	-	-	-
number, 2002	-	(D)	-	-	-	-	-
1997	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	50	18	32	12	19	8
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	68	30	32	12	19	29	11
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers	farms, 2002	87	135	514	147	98	249
1997	46	159	444	96	125	143	70
number, 2002	109	137	708	178	115	381	27
1997	64	186	530	138	137	167	73
32							
2002 INVENTORY							
Manufactured 1998 to 2002:							
Tractors	farms	69	53	78	29	36	50
number	133	89	91	52	44	54	81
Less than 40 horsepower (PTO)	farms	6	10	14	4	2	9
number	10	11	14	4	(D)	7	9
40 to 99 horsepower (PTO)	farms	6	5	48	9	3	16
number	10	10	48	17	(D)	6	20
100 horsepower (PTO) or more	farms	65	42	26	24	33	30
number	113	68	29	31	39	41	52
Grain and bean combines	farms	28	14	15	12	24	16
number	33	18	15	13	27	18	19
Cotton pickers and strippers	farms	-	1	-	-	-	-
number	-	(D)	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms	6	2	1	3	1	4
number	7	(D)	(D)	3	(D)	(D)	4
Hay balers	farms	18	4	60	14	25	7
number	30	5	61	14	25	17	8
Manufactured prior to 1998:							
Tractors	farms	403	567	914	221	360	249
number	1,014	1,122	2,128	520	766	1,208	499
Less than 40 horsepower (PTO)	farms	85	163	359	75	62	41
number	111	236	476	94	(D)	89	54
40 to 99 horsepower (PTO)	farms	288	245	708	169	224	95
number	370	266	1,013	315	(D)	311	110
100 horsepower (PTO) or more	farms	216	302	403	76	254	172
number	533	620	639	111	435	302	335
Grain and bean combines	farms	138	283	254	97	154	84
number	165	321	256	107	201	148	94

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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	Gray	Greeley	Greenwood	Hamilton	Harper	Harvey	Haskell	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms, 2002	458	278	565	367	526	819	230	
1997	465	298	592	286	722	869	248	
\$1,000, 2002	76,555	49,819	36,336	48,704	70,828	69,190	76,807	
1997	80,835	36,910	31,693	34,641	51,732	69,861	59,591	
Average per farm	dollars, 2002	167,151	179,206	64,312	132,708	134,653	84,481	333,943
1997	173,838	123,860	53,536	121,123	71,651	80,392	240,287	
Farms by value group:								
\$1 to \$9,999	2002	100	53	206	99	90	206	57
1997	20	12	105	22	125	146	21	
\$10,000 to \$19,999	2002	28	23	73	24	38	147	12
1997	60	28	49	25	62	166	1	
\$20,000 to \$29,999	2002	39	28	91	17	81	48	2
1997	18	31	45	34	110	98	45	
\$30,000 to \$49,999	2002	47	21	37	28	76	120	5
1997	34	50	228	17	64	89	9	
\$50,000 to \$69,999	2002	19	18	31	27	45	51	6
1997	42	46	62	40	84	51	17	
\$70,000 to \$99,999	2002	29	24	29	33	35	60	13
1997	61	20	44	31	78	91	23	
\$100,000 to \$199,999	2002	76	33	53	62	59	82	40
1997	84	44	20	60	155	129	24	
\$200,000 to \$499,999	2002	89	52	29	54	59	92	46
1997	125	58	36	48	41	85	81	
\$500,000 or more	2002	31	26	16	23	43	13	49
1997	21	9	3	9	3	14	27	
SELECTED MACHINERY AND EQUIPMENT								
Tractors	farms, 2002	405	243	486	249	516	789	172
1997	426	237	506	250	671	804	233	
number, 2002	1,008	607	938	647	1,293	1,936	482	
1997	881	572	1,077	584	1,971	2,095	584	
Less than 40 horsepower (PTO)	farms, 2002	86	64	147	64	121	274	31
1997	65	44	211	110	239	356	51	
number, 2002	106	77	174	88	161	407	43	
1997	81	52	271	119	341	419	89	
40 to 99 horsepower (PTO)	farms, 2002	142	82	335	135	361	472	45
1997	170	103	378	110	434	565	81	
number, 2002	175	124	504	187	449	694	64	
1997	228	196	598	165	624	(D)	155	
100 horsepower (PTO) or more	farms, 2002	309	202	150	164	322	435	150
1997	351	189	158	162	526	430	190	
number, 2002	727	406	260	372	683	835	375	
1997	572	324	208	300	1,006	(D)	340	
Grain and bean combines (see text)	farms, 2002	252	81	139	103	247	346	113
1997	209	137	176	108	404	516	106	
number, 2002	275	120	158	138	351	437	137	
1997	232	171	202	168	568	627	118	
Cotton pickers and strippers	farms, 2002	-	-	-	-	1	8	2
1997	-	-	-	-	1	1	-	
number, 2002	-	-	-	-	(D)	8	(D)	
1997	-	-	-	-	(D)	(D)	-	
Forage harvesters, self-propelled (see text)	farms, 2002	33	4	29	10	17	47	36
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
number, 2002	35	7	29	13	17	47	36	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	101	26	217	55	193	267	19
1997	44	20	206	38	234	331	8	
number, 2002	116	27	249	66	255	334	23	
1997	50	24	276	49	322	391	9	
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors	farms	43	41	40	40	34	39	45
number	61	51	46	59	39	89	81	
Less than 40 horsepower (PTO)	farms	13	14	7	7	20	12	3
number	(D)	14	8	7	20	(D)	(D)	
40 to 99 horsepower (PTO)	farms	1	3	28	4	1	2	2
number	(D)	3	28	4	(D)	(D)	(D)	
100 horsepower (PTO) or more	farms	31	25	6	31	14	37	42
number	45	34	10	48	(D)	74	75	
Grain and bean combines	farms	25	9	2	12	13	31	25
number	33	10	(D)	12	18	33	30	
Cotton pickers and strippers	farms	-	-	-	-	-	-	1
number	-	-	-	-	-	-	(D)	
Forage harvesters, self-propelled (see text)	farms	2	-	1	3	7	-	4
number	(D)	-	(D)	6	7	-	4	
Hay balers	farms	15	3	47	5	19	12	-
number	16	4	47	5	19	12	-	
Manufactured prior to 1998:								
Tractors	farms	387	231	482	230	504	787	161
number	947	556	892	588	1,254	1,847	401	
Less than 40 horsepower (PTO)	farms	73	50	140	57	101	272	28
number	(D)	63	166	81	141	(D)	(D)	
40 to 99 horsepower (PTO)	farms	141	80	331	132	361	472	45
number	(D)	121	476	183	(D)	(D)	(D)	
100 horsepower (PTO) or more	farms	301	194	149	152	320	432	138
number	682	372	250	324	(D)	761	300	
Grain and bean combines	farms	230	75	137	93	235	326	94
number	242	110	(D)	126	333	404	107	

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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	Hodgeman	Jackson	Jefferson	Jewell	Johnson	Kearny	Kingman	Kiowa	
VALUE OF MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment									
farms, 2002	375	1,099	1,001	555	638	332	800	365	
1997	361	1,111	1,099	598	656	294	929	332	
\$1,000, 2002	49,312	50,470	51,142	74,113	30,283	50,031	70,618	42,078	
1997	31,403	30,914	40,173	51,570	24,559	41,863	73,533	30,752	
Average per farm	dollars, 2002	131,500	45,923	51,091	133,537	47,466	88,272	115,282	
1997	86,989	27,826	36,554	86,238	37,438	142,390	79,152	92,627	
Farms by value group:									
\$1 to \$9,999	2002	103	418	378	141	277	63	251	121
1997	27	493	319	73	260	29	149	44	
\$10,000 to \$19,999	2002	24	188	213	50	121	40	57	41
1997	62	228	278	147	135	55	171	58	
\$20,000 to \$29,999	2002	24	135	72	26	73	37	75	27
1997	58	74	207	67	100	40	79	13	
\$30,000 to \$49,999	2002	37	120	81	81	50	32	92	40
1997	43	146	126	32	40	25	136	52	
\$50,000 to \$69,999	2002	32	59	38	17	-	25	60	21
1997	17	54	23	21	51	13	78	36	
\$70,000 to \$99,999	2002	28	25	32	40	41	16	49	18
1997	27	21	35	65	14	6	30	26	
\$100,000 to \$199,999	2002	65	95	93	68	39	48	119	24
1997	91	70	52	111	13	55	163	55	
\$200,000 to \$499,999	2002	42	55	41	93	24	46	78	55
1997	31	25	15	75	41	60	116	41	
\$500,000 or more	2002	20	4	11	39	13	25	19	18
1997	5	-	14	7	2	11	7	7	
SELECTED MACHINERY AND EQUIPMENT									
Tractors	farms, 2002	362	1,036	922	537	574	300	716	310
1997	327	1,043	1,027	536	610	238	864	301	
number, 2002	850	2,097	2,102	1,535	1,270	648	1,717	983	
1997	795	2,257	2,197	1,240	1,065	613	2,174	677	
Less than 40 horsepower (PTO)	farms, 2002	47	540	332	145	260	58	259	114
1997	97	523	552	194	316	65	298	78	
number, 2002	54	663	517	244	408	74	344	202	
1997	115	765	810	321	376	91	301	83	
40 to 99 horsepower (PTO)	farms, 2002	259	661	685	300	394	182	391	216
1997	183	815	742	350	377	111	622	159	
number, 2002	362	1,074	1,110	508	545	216	555	383	
1997	257	1,248	1,086	(D)	493	174	834	255	
100 horsepower (PTO) or more	farms, 2002	204	193	313	409	196	157	415	244
1997	248	185	228	244	132	170	564	213	
number, 2002	434	360	475	783	317	358	818	398	
1997	423	244	301	(D)	196	348	1,039	339	
Grain and bean combines (see text)	farms, 2002	195	182	245	319	133	85	334	188
1997	188	203	198	281	155	144	507	130	
number, 2002	239	208	264	376	162	107	464	201	
1997	222	257	223	319	171	171	666	136	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-	1
1997	-	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	1	-	(D)
1997	-	-	-	-	-	-	(D)	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	23	76	20	31	46	10	5	3
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	23	76	32	41	46	17	5	(D)	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	98	468	393	293	120	87	223	128
1997	65	376	521	238	188	35	273	71	
number, 2002	132	554	516	332	157	94	257	140	
1997	86	486	633	290	272	50	389	101	
2002 INVENTORY									
Manufactured 1998 to 2002:									
Tractors	farms	47	63	95	41	90	32	64	28
number	58	81	116	54	124	47	74	36	
Less than 40 horsepower (PTO)	farms	8	21	37	11	49	2	17	-
number	8	21	38	11	54	(D)	17	-	
40 to 99 horsepower (PTO)	farms	5	20	31	8	45	4	10	3
number	5	20	31	16	57	(D)	10	3	
100 horsepower (PTO) or more	farms	34	31	42	23	11	29	38	26
number	45	40	47	27	13	41	47	33	
Grain and bean combines	farms	8	3	44	11	4	16	11	11
number	8	3	45	11	5	16	14	12	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-	1
number	-	-	-	-	-	-	-	-	(D)
Forage harvesters, self-propelled (see text)	farms	2	6	-	18	-	7	1	1
number	(D)	6	-	18	-	13	(D)	(D)	
Hay balers	farms	7	30	28	24	23	13	20	6
number	7	31	36	25	23	19	20	6	
Manufactured prior to 1998:									
Tractors	farms	358	1,003	908	536	531	297	711	306
number	792	2,016	1,986	1,481	1,146	601	1,643	947	
Less than 40 horsepower (PTO)	farms	39	519	305	144	224	56	243	114
number	46	642	479	233	354	(D)	327	202	
40 to 99 horsepower (PTO)	farms	255	649	684	300	374	180	391	214
number	357	1,054	1,079	492	488	(D)	545	380	
100 horsepower (PTO) or more	farms	201	192	302	408	195	153	414	240
number	389	320	428	756	304	317	771	365	
Grain and bean combines	farms	188	180	212	310	129	74	325	180
number	231	205	219	365	157	91	450	189	

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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	Labette	Lane	Leavenworth	Lincoln	Linn	Logan	Lyon	McPherson	
VALUE OF MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment									
farms, 2002	892	308	1,075	449	878	307	883	1,137	
1997	944	296	1,129	474	802	344	888	1,328	
\$1,000, 2002	59,150	54,855	39,095	34,163	54,667	53,150	55,698	107,715	
1997	43,680	28,831	32,978	29,151	24,087	28,919	48,360	86,675	
Average per farm	dollars, 2002	66,312	178,101	36,367	76,087	62,263	63,078	94,736	
1997	46,271	97,400	29,209	61,499	30,034	84,067	54,459	65,268	
Farms by value group:									
\$1 to \$9,999	2002	224	24	466	153	295	94	330	182
1997	219	52	386	86	297	37	201	209	
\$10,000 to \$19,999	2002	182	12	176	47	157	11	190	161
1997	271	35	221	79	105	46	152	241	
\$20,000 to \$29,999	2002	54	7	152	15	55	18	63	106
1997	80	56	184	95	146	24	199	125	
\$30,000 to \$49,999	2002	137	48	77	26	120	8	71	191
1997	117	24	136	56	121	62	77	175	
\$50,000 to \$69,999	2002	90	39	36	42	50	13	4	129
1997	58	15	111	23	68	48	58	123	
\$70,000 to \$99,999	2002	58	36	57	16	41	20	59	47
1997	92	14	43	35	15	20	57	131	
\$100,000 to \$199,999	2002	56	52	81	103	98	58	89	166
1997	49	53	26	71	37	81	77	239	
\$200,000 to \$499,999	2002	86	63	28	41	53	53	65	124
1997	56	41	18	21	12	22	57	83	
\$500,000 or more	2002	5	27	2	6	32	12	31	
1997	2	6	4	8	9	4	10	2	
SELECTED MACHINERY AND EQUIPMENT									
Tractors	farms, 2002	802	239	996	440	826	233	848	993
1997	853	262	1,042	396	720	302	797	1,137	
number, 2002	1,704	558	2,042	1,140	1,616	631	2,177	2,990	
1997	1,924	645	2,086	1,055	1,485	802	1,889	2,839	
Less than 40 horsepower (PTO)	farms, 2002	242	37	432	95	408	59	360	448
1997	294	93	501	164	367	107	430	414	
number, 2002	290	45	586	106	466	85	577	575	
1997	429	122	684	221	438	130	543	497	
40 to 99 horsepower (PTO)	farms, 2002	628	90	624	317	553	109	577	719
1997	609	129	735	228	483	126	602	831	
number, 2002	911	108	1,021	547	809	134	981	1,137	
1997	985	217	1,110	360	(D)	(D)	869	(D)	
100 horsepower (PTO) or more	farms, 2002	306	203	317	238	228	197	351	627
1997	362	175	215	258	204	227	315	769	
number, 2002	503	405	435	487	341	412	619	1,278	
1997	510	306	292	474	(D)	(D)	477	(D)	
Grain and bean combines (see text)	farms, 2002	256	142	163	213	122	145	207	664
1997	352	110	195	290	165	192	297	727	
number, 2002	308	169	189	306	128	169	250	867	
1997	432	142	201	459	188	237	347	867	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	1	9	43	25	20	9	31	83
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	(D)	9	43	25	20	9	42	83	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	349	33	478	242	292	83	323	378
1997	328	29	375	268	285	66	351	392	
number, 2002	443	39	621	303	324	106	440	498	
1997	409	36	463	318	319	75	455	499	
2002 INVENTORY									
Manufactured 1998 to 2002:									
Tractors	farms	93	47	82	28	32	57	65	127
number	118	78	94	55	54	92	106	156	
Less than 40 horsepower (PTO)	farms	13	2	31	8	8	2	21	56
number	13	(D)	31	16	8	(D)	41	56	
40 to 99 horsepower (PTO)	farms	25	5	34	10	9	2	8	4
number	25	(D)	34	20	9	(D)	13	4	
100 horsepower (PTO) or more	farms	69	43	29	10	23	56	38	69
number	80	68	29	19	37	87	52	96	
Grain and bean combines	farms	13	17	13	4	21	27	17	24
number	13	24	18	5	21	27	18	25	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	-	-	-	-	-	3	1	-
number	-	-	-	-	-	-	3	(D)	-
Hay balers	farms	53	5	44	16	29	25	63	40
number	53	5	44	16	29	25	63	40	
Manufactured prior to 1998:									
Tractors	farms	778	220	936	440	825	205	835	929
number	1,586	480	1,948	1,085	1,562	539	2,071	2,834	
Less than 40 horsepower (PTO)	farms	229	35	401	87	400	57	351	394
number	277	(D)	555	90	458	(D)	536	519	
40 to 99 horsepower (PTO)	farms	604	86	590	317	544	107	574	717
number	886	(D)	987	527	800	(D)	968	1,133	
100 horsepower (PTO) or more	farms	286	182	307	236	216	168	316	614
number	423	337	406	468	304	325	567	1,182	
Grain and bean combines	farms	244	131	151	212	103	119	190	643
number	295	145	171	301	107	142	232	842	

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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	Marion	Marshall	Meade	Miami	Mitchell	Montgomery	Morris	Morton	
VALUE OF MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment									
farms, 2002	989	943	448	1,351	474	917	446	290	
1997	1,036	913	425	1,353	537	1,024	481	245	
\$1,000, 2002	78,258	112,971	71,087	66,413	58,357	54,803	43,691	34,006	
1997	68,812	61,700	52,555	51,435	66,655	52,868	33,572	44,778	
Average per farm	dollars, 2002	79,129	119,799	158,677	49,158	123,117	97,963	117,263	
1997	66,421	67,579	123,658	38,015	124,124	51,629	69,795	182,766	
Farms by value group:									
\$1 to \$9,999	2002	313	132	143	563	100	382	87	104
1997	152	149	27	368	6	559	87	52	
\$10,000 to \$19,999	2002	159	83	41	219	77	134	60	20
1997	150	134	19	338	130	101	38	47	
\$20,000 to \$29,999	2002	70	108	12	94	36	75	29	4
1997	146	139	81	129	43	70	38	4	
\$30,000 to \$49,999	2002	85	99	32	145	20	103	52	30
1997	157	102	72	313	52	57	53	18	
\$50,000 to \$69,999	2002	48	105	22	135	39	38	51	15
1997	94	76	39	87	39	59	55	24	
\$70,000 to \$99,999	2002	77	55	9	22	31	23	50	24
1997	117	59	36	27	47	38	116	9	
\$100,000 to \$199,999	2002	144	165	54	123	58	89	78	24
1997	138	175	74	42	100	30	47	52	
\$200,000 to \$499,999	2002	78	169	94	38	97	57	25	35
1997	78	78	61	45	98	105	46	27	
\$500,000 or more	2002	15	27	12	12	16	14	14	
1997	4	1	16	4	22	5	1	12	
SELECTED MACHINERY AND EQUIPMENT									
Tractors	farms, 2002	856	942	369	1,233	467	849	392	251
1997	964	763	363	1,226	489	884	484	201	
number, 2002	2,197	2,749	847	2,270	1,349	1,584	1,241	581	
1997	2,456	2,186	954	2,385	1,308	1,691	1,112	419	
Less than 40 horsepower (PTO)	farms, 2002	300	349	63	507	224	381	111	90
1997	315	346	166	593	219	443	148	21	
number, 2002	457	541	88	653	457	477	158	101	
1997	473	596	267	732	282	553	185	25	
40 to 99 horsepower (PTO)	farms, 2002	611	589	139	836	190	509	332	132
1997	689	545	156	865	273	606	340	78	
number, 2002	975	923	188	1,227	294	709	659	146	
1997	1,151	913	286	1,245	438	761	683	101	
100 horsepower (PTO) or more	farms, 2002	428	698	279	283	273	252	225	133
1997	513	411	246	306	303	237	172	157	
number, 2002	765	1,285	571	390	598	398	424	334	
1997	832	677	401	408	588	377	244	293	
Grain and bean combines (see text)	farms, 2002	405	577	183	146	312	136	195	113
1997	575	449	201	231	324	178	258	96	
number, 2002	480	643	222	152	421	159	296	141	
1997	680	501	251	264	411	207	301	118	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-	-
1997	1	-	-	-	-	2	-	-	
number, 2002	-	-	-	-	-	-	-	-	
1997	(D)	-	-	-	-	(D)	-	-	
Forage harvesters, self-propelled (see text)	farms, 2002	51	47	18	58	19	11	21	8
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
number, 2002	71	53	20	59	19	21	21	11	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	411	344	48	570	223	361	234	43
1997	512	393	61	467	209	255	216	24	
number, 2002	502	406	74	701	324	440	315	51	
1997	640	461	71	612	237	319	264	32	
2002 INVENTORY									
Manufactured 1998 to 2002:									
Tractors	farms	122	151	63	183	75	88	21	29
number	171	287	94	257	87	103	42	48	
Less than 40 horsepower (PTO)	farms	35	25	3	13	10	17	-	3
number	35	25	5	25	10	19	-	(D)	
40 to 99 horsepower (PTO)	farms	35	3	9	137	19	48	16	1
number	38	3	10	169	20	49	31	(D)	
100 horsepower (PTO) or more	farms	70	149	57	60	47	24	8	26
number	98	259	79	63	57	35	11	44	
Grain and bean combines	farms	37	40	25	14	24	5	13	13
number	59	41	32	14	24	6	13	15	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	2	6	-	-	1	-	2	-
number	(D)	12	-	-	(D)	-	(D)	-	
Hay balers	farms	63	23	5	107	38	38	45	4
number	79	23	8	130	40	38	45	5	
Manufactured prior to 1998:									
Tractors	farms	828	934	348	1,179	467	824	379	245
number	2,026	2,462	753	2,013	1,262	1,481	1,199	533	
Less than 40 horsepower (PTO)	farms	266	349	61	494	224	366	111	90
number	422	516	83	628	447	458	158	(D)	
40 to 99 horsepower (PTO)	farms	594	588	136	763	190	470	317	132
number	937	920	178	1,058	274	660	274	(D)	
100 horsepower (PTO) or more	farms	398	587	256	230	266	251	221	125
number	667	1,026	492	327	541	363	413	290	
Grain and bean combines	farms	371	539	162	132	294	134	182	100
number	421	602	190	138	397	153	283	126	

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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	Nemaha	Neosho	Ness	Norton	Osage	Osborne	Ottawa	Pawnee	
VALUE OF MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment									
farms, 2002	1,023	756	522	470	927	450	495	429	
1997	999	751	533	408	929	473	562	450	
\$1,000, 2002	72,233	73,156	48,717	40,095	52,220	42,970	45,075	60,761	
1997	58,001	37,548	39,942	29,646	40,980	38,365	41,038	40,253	
Average per farm	dollars, 2002	70,609	96,767	93,327	85,309	56,333	91,061	141,633	
1997	58,059	49,998	74,939	72,663	44,112	81,110	73,021	89,450	
Farms by value group:									
\$1 to \$9,999	2002	261	210	125	175	372	89	145	151
1997	154	227	73	48	332	87	93	108	
\$10,000 to \$19,999	2002	99	123	51	23	78	22	63	47
1997	203	59	67	87	216	24	53	56	
\$20,000 to \$29,999	2002	109	64	45	26	123	46	59	16
1997	141	155	80	14	48	60	58	36	
\$30,000 to \$49,999	2002	130	70	43	45	76	49	33	29
1997	147	110	56	57	125	82	137	87	
\$50,000 to \$69,999	2002	68	41	42	26	65	59	37	12
1997	88	36	37	29	33	52	51	17	
\$70,000 to \$99,999	2002	140	71	52	39	59	47	45	23
1997	112	60	63	49	43	36	28	3	
\$100,000 to \$199,999	2002	139	86	99	82	58	52	28	48
1997	84	54	111	97	92	69	79	76	
\$200,000 to \$499,999	2002	65	77	47	43	92	79	62	81
1997	65	48	46	26	36	61	58	57	
\$500,000 or more	2002	12	14	18	11	4	7	23	57
1997	5	2	-	1	3	2	5	22	
SELECTED MACHINERY AND EQUIPMENT									
Tractors	farms, 2002	972	719	500	441	913	428	463	378
1997	908	651	486	406	856	402	498	383	
number, 2002	2,559	1,789	1,144	1,247	1,894	1,077	1,086	1,068	
1997	2,134	1,355	1,096	1,022	1,784	985	1,089	1,020	
Less than 40 horsepower (PTO)	farms, 2002	335	272	24	184	236	112	164	194
1997	264	341	128	132	300	97	154	151	
number, 2002	627	399	28	302	273	148	232	224	
1997	323	447	161	232	401	127	174	197	
40 to 99 horsepower (PTO)	farms, 2002	646	579	279	277	683	215	272	195
1997	667	387	226	185	621	258	314	238	
number, 2002	971	811	320	380	1,031	332	407	296	
1997	1,058	526	276	333	929	386	(D)	(D)	
100 horsepower (PTO) or more	farms, 2002	495	323	398	300	392	313	220	236
1997	454	233	375	295	276	274	302	226	
number, 2002	961	579	796	565	590	447	548	548	
1997	753	382	659	457	454	472	(D)	(D)	
Grain and bean combines (see text)	farms, 2002	397	312	293	223	217	212	251	221
1997	414	253	337	229	308	272	296	243	
number, 2002	430	383	373	272	247	285	327	252	
1997	460	296	397	359	351	300	439	301	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-	
number, 2002	-	-	-	-	-	-	-	-	
1997	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms, 2002	77	12	24	17	17	40	31	45
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
number, 2002	77	12	24	17	17	40	42	46	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	394	381	159	124	258	168	217	103
1997	362	258	148	134	311	199	214	136	
number, 2002	449	466	202	153	379	204	264	126	
1997	460	360	186	143	414	227	275	191	
2002 INVENTORY									
Manufactured 1998 to 2002:									
Tractors	farms	73	100	107	33	84	29	44	79
number	99	118	127	71	95	44	69	106	
Less than 40 horsepower (PTO)	farms	12	-	1	13	18	2	11	32
number	24	-	(D)	21	18	(D)	11	32	
40 to 99 horsepower (PTO)	farms	17	65	23	13	39	1	15	7
number	17	65	(D)	13	39	(D)	15	7	
100 horsepower (PTO) or more	farms	58	36	84	33	27	32	44	
number	58	53	103	37	38	(D)	43	67	
Grain and bean combines	farms	35	8	54	30	16	6	14	20
number	38	15	54	30	16	6	17	23	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	13	-	2	1	1	10	-	2
number	13	-	(D)	(D)	(D)	10	-	(D)	
Hay balers	farms	83	17	27	16	50	32	33	24
number	83	17	47	17	50	32	33	26	
Manufactured prior to 1998:									
Tractors	farms	937	702	455	422	902	414	441	339
number	2,460	1,671	1,017	1,176	1,799	1,033	1,017	962	
Less than 40 horsepower (PTO)	farms	323	272	23	171	236	110	153	162
number	603	399	(D)	281	255	(D)	221	192	
40 to 99 horsepower (PTO)	farms	632	516	256	264	654	215	257	194
number	954	746	(D)	367	992	(D)	392	289	
100 horsepower (PTO) or more	farms	471	315	366	280	381	297	209	225
number	903	526	693	528	552	(D)	404	481	
Grain and bean combines	farms	362	304	240	197	202	206	237	205
number	392	368	319	242	231	279	310	229	

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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	Phillips	Pottawatomie	Pratt	Rawlins	Reno	Republic	Rice	Riley
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms, 2002	531	829	577	403	1,566	628	487	477
1997	501	802	507	429	1,562	689	556	480
\$1,000, 2002	54,386	47,270	91,089	51,322	110,628	68,720	63,427	47,974
1997	33,966	38,886	63,263	41,978	89,870	55,250	54,466	28,716
Average per farm	102,422	57,020	157,866	127,350	70,644	109,427	130,241	100,574
1997	67,797	48,486	124,778	97,850	57,535	80,189	97,960	59,824
Farms by value group:								
\$1 to \$9,999	170	253	59	63	604	103	143	148
1997	108	212	138	77	357	140	55	70
\$10,000 to \$19,999	63	145	48	16	175	94	80	86
1997	120	172	72	48	350	147	98	120
\$20,000 to \$29,999	44	110	52	23	116	55	36	49
1997	48	87	8	10	157	67	111	88
\$30,000 to \$49,999	16	78	133	74	179	102	24	25
1997	49	109	52	52	156	42	30	45
\$50,000 to \$69,999	42	53	67	54	79	42	10	52
1997	18	94	8	41	120	45	44	38
\$70,000 to \$99,999	54	53	47	31	86	45	27	13
1997	29	48	25	16	123	113	38	46
\$100,000 to \$199,999	25	82	55	63	155	77	76	43
1997	82	33	101	121	193	89	77	40
\$200,000 to \$499,999	79	47	57	58	145	53	57	42
1997	41	42	77	55	103	78	85	24
\$500,000 or more	12	8	59	21	27	21	34	19
1997	6	5	26	9	3	5	18	9
SELECTED MACHINERY AND EQUIPMENT								
Tractors								
farms, 2002	499	744	535	388	1,473	566	390	419
1997	433	725	414	411	1,417	604	508	461
number, 2002	1,597	1,696	1,817	1,057	3,102	2,075	927	1,143
1997	1,124	1,989	1,069	1,108	3,601	1,744	1,351	1,283
Less than 40 horsepower (PTO)								
farms, 2002	105	394	284	105	666	208	91	235
1997	162	396	123	118	553	224	235	233
number, 2002	149	471	500	125	735	349	92	313
1997	214	636	162	146	787	402	301	338
40 to 99 horsepower (PTO)								
farms, 2002	326	403	360	239	828	502	237	264
1997	293	565	229	249	1,064	444	353	363
number, 2002	570	777	619	320	1,113	930	379	552
1997	(D)	1,005	408	(D)	1,664	(D)	(D)	722
100 horsepower (PTO) or more								
farms, 2002	419	292	470	295	679	374	253	171
1997	226	240	227	308	647	365	317	168
number, 2002	878	448	698	612	1,254	796	456	278
1997	(D)	348	499	(D)	1,150	(D)	(D)	223
Grain and bean combines (see text)								
farms, 2002	301	248	410	158	590	324	173	222
1997	212	304	224	266	716	363	303	206
number, 2002	366	265	451	193	703	371	220	255
1997	261	352	300	332	910	475	373	245
Cotton pickers and strippers								
farms, 2002	-	-	3	-	-	-	-	-
1997	-	-	-	-	1	-	-	-
number, 2002	-	-	(D)	-	-	-	-	-
1997	-	-	-	-	(D)	-	-	-
Forage harvesters, self-propelled (see text)								
farms, 2002	20	75	17	22	56	46	29	25
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	21	93	17	22	56	46	42	25
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers								
farms, 2002	287	430	105	145	463	312	127	201
1997	215	306	87	132	558	221	230	240
number, 2002	324	501	113	186	612	387	171	241
1997	269	377	99	158	671	286	270	300
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors								
farms	37	36	79	46	87	48	48	43
number	59	71	140	59	137	66	56	51
Less than 40 horsepower (PTO)								
farms	1	2	15	11	26	15	1	8
number	(D)	(D)	21	(D)	(D)	15	(D)	8
40 to 99 horsepower (PTO)								
farms	12	25	19	2	1	11	9	18
number	(D)	(D)	20	(D)	(D)	11	(D)	18
100 horsepower (PTO) or more								
farms	26	22	69	34	60	23	38	18
number	46	44	99	46	110	40	46	25
Grain and bean combines								
farms	9	11	30	9	68	23	28	10
number	10	13	46	9	78	24	30	10
Cotton pickers and strippers								
farms	-	-	1	-	-	-	-	-
number	-	-	(D)	-	-	-	-	-
Forage harvesters, self-propelled (see text)								
farms	3	12	16	-	2	4	2	-
number	3	12	(D)	-	(D)	4	(D)	-
Hay balers								
farms	32	67	14	25	70	11	15	15
number	33	67	14	25	80	13	24	15
Manufactured prior to 1998:								
Tractors								
farms	499	731	496	377	1,447	556	377	411
number	1,538	1,625	1,677	998	2,965	2,009	871	1,092
Less than 40 horsepower (PTO)								
farms	104	394	269	94	640	200	90	227
number	(D)	(D)	479	(D)	(D)	334	(D)	305
40 to 99 horsepower (PTO)								
farms	326	389	342	238	828	491	237	264
number	(D)	(D)	599	(D)	(D)	919	(D)	534
100 horsepower (PTO) or more								
farms	418	278	439	292	670	372	233	164
number	832	404	599	566	1,144	756	410	253
Grain and bean combines								
farms	296	240	389	149	549	313	149	212
number	356	252	405	184	625	347	190	245

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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	Rooks	Rush	Russell	Saline	Scott	Sedgwick	Seward	Shawnee	
VALUE OF MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment									
..... farms, 2002	472	504	586	752	326	1,336	324	862	
..... farms, 1997	442	522	521	844	352	1,641	262	883	
..... \$1,000, 2002	46,075	41,796	42,098	85,746	56,075	99,481	64,478	52,608	
..... farms, 1997	31,995	37,696	34,531	51,613	51,014	100,037	49,071	31,302	
Average per farm	dollars, 2002	97,617	82,930	71,840	114,024	172,008	74,462	199,005	
..... farms, 1997	72,387	72,214	66,277	61,153	144,926	60,961	187,293	35,449	
Farms by value group:									
\$1 to \$9,999	2002	146	150	212	184	74	418	66	263
..... farms, 1997	56	125	67	177	29	372	22	365	
\$10,000 to \$19,999	2002	35	46	42	115	20	180	47	135
..... farms, 1997	32	56	90	121	36	242	42	204	
\$20,000 to \$29,999	2002	46	25	25	48	35	92	34	84
..... farms, 1997	46	50	95	207	23	155	9	97	
\$30,000 to \$49,999	2002	69	68	86	134	17	140	28	105
..... farms, 1997	129	53	91	72	43	301	60	99	
\$50,000 to \$69,999	2002	45	52	58	62	15	69	18	75
..... farms, 1997	77	31	30	83	22	174	4	22	
\$70,000 to \$99,999	2002	31	33	54	29	16	63	9	52
..... farms, 1997	15	50	18	28	32	146	28	9	
\$100,000 to \$199,999	2002	46	72	47	78	59	252	39	93
..... farms, 1997	30	97	58	101	76	108	22	50	
\$200,000 to \$499,999	2002	44	52	55	68	65	95	48	36
..... farms, 1997	53	60	7	50	76	137	55	37	
\$500,000 or more	2002	10	6	7	34	25	27	35	19
..... farms, 1997	4	-	1	5	15	6	20	-	
SELECTED MACHINERY AND EQUIPMENT									
Tractors	farms, 2002	455	464	519	700	288	1,257	273	836
..... farms, 1997	394	465	465	779	285	1,476	218	818	
..... number, 2002	1,028	1,109	1,098	1,658	674	2,790	592	1,862	
..... farms, 1997	1,049	1,061	1,012	1,923	660	3,406	492	1,518	
Less than 40 horsepower (PTO)	farms, 2002	278	145	167	171	57	402	80	569
..... farms, 1997	112	177	155	371	83	566	31	435	
..... number, 2002	318	175	186	229	72	495	92	796	
..... farms, 1997	184	253	176	547	112	723	40	572	
40 to 99 horsepower (PTO)	farms, 2002	212	247	341	551	154	825	140	431
..... farms, 1997	207	221	329	547	112	969	65	517	
..... number, 2002	283	299	449	776	170	1,152	162	759	
..... farms, 1997	(D)	333	450	750	(D)	1,465	(D)	723	
100 horsepower (PTO) or more	farms, 2002	252	398	252	329	199	659	146	169
..... farms, 1997	279	295	265	367	214	723	169	152	
..... number, 2002	427	635	463	653	432	1,143	338	307	
..... farms, 1997	(D)	475	386	626	(D)	1,218	(D)	223	
Grain and bean combines (see text)	farms, 2002	124	209	197	364	126	580	100	182
..... farms, 1997	225	293	248	430	94	726	69	184	
..... number, 2002	154	284	254	494	139	753	122	207	
..... farms, 1997	269	381	329	630	118	921	76	213	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	1	1	-
..... farms, 1997	-	-	-	-	-	-	-	-	
..... number, 2002	-	-	-	-	-	(D)	(D)	-	
..... farms, 1997	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms, 2002	30	46	55	30	8	83	2	4
..... farms, 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
..... number, 2002	30	46	57	31	8	84	(D)	4	
..... farms, 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	173	258	199	252	24	361	56	363
..... farms, 1997	177	142	188	277	13	553	11	310	
..... number, 2002	217	299	254	349	24	496	63	429	
..... farms, 1997	211	178	235	366	20	710	16	399	
2002 INVENTORY									
Manufactured 1998 to 2002:									
Tractors	farms	31	44	32	82	70	94	57	36
..... farms	number	36	51	45	141	103	148	86	55
Less than 40 horsepower (PTO)	farms	8	-	-	1	6	10	19	17
..... farms	number	(D)	-	-	(D)	7	18	20	18
40 to 99 horsepower (PTO)	farms	2	7	13	33	17	25	12	9
..... farms	number	(D)	7	13	(D)	17	25	13	14
100 horsepower (PTO) or more	farms	23	38	30	72	53	76	30	15
..... farms	number	26	44	32	85	79	105	53	23
Grain and bean combines	farms	12	15	7	14	29	49	17	20
..... farms	number	13	16	9	15	31	51	21	26
Cotton pickers and strippers	farms	-	-	-	-	-	1	1	-
..... farms	number	-	-	-	-	-	(D)	(D)	-
Forage harvesters, self-propelled (see text)	farms	5	1	13	1	-	9	-	1
..... farms	number	5	(D)	13	(D)	-	9	-	(D)
Hay balers	farms	19	12	39	16	4	33	4	34
..... farms	number	19	13	40	17	4	33	4	34
Manufactured prior to 1998:									
Tractors	farms	455	458	513	689	267	1,244	248	826
..... farms	number	992	1,058	1,053	1,517	571	2,642	506	1,807
Less than 40 horsepower (PTO)	farms	270	145	167	170	52	400	61	553
..... farms	number	(D)	175	186	(D)	65	477	72	778
40 to 99 horsepower (PTO)	farms	211	240	339	520	138	801	128	428
..... farms	number	(D)	292	436	(D)	153	1,127	149	745
100 horsepower (PTO) or more	farms	245	386	247	298	188	631	131	156
..... farms	number	401	591	431	568	353	1,038	285	284
Grain and bean combines	farms	115	201	193	352	103	533	87	165
..... farms	number	141	268	245	479	108	702	101	181

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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	Sheridan	Sherman	Smith	Stafford	Stanton	Stevens	Sumner	Thomas
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms, 2002	391	444	524	496	299	379	1,061	471
1997	444	491	573	500	265	309	1,356	584
\$1,000, 2002	58,789	79,501	57,903	62,252	57,862	76,986	108,509	84,773
1997	45,775	57,119	59,606	61,533	50,467	74,678	107,314	68,903
Average per farm	150,355	179,056	110,501	125,507	193,517	203,129	102,270	179,986
1997	103,096	116,332	104,024	123,066	190,442	241,676	79,140	117,984
Farms by value group:								
\$1 to \$9,999	59	78	107	159	68	90	180	123
1997	62	78	93	72	37	26	201	69
\$10,000 to \$19,999	34	40	63	46	19	57	154	43
1997	57	36	89	64	18	58	238	48
\$20,000 to \$29,999	36	34	39	26	8	35	137	16
1997	51	30	56	75	6	22	163	53
\$30,000 to \$49,999	35	52	23	36	24	29	57	45
1997	34	49	73	66	46	38	144	45
\$50,000 to \$69,999	37	28	105	35	27	24	94	45
1997	58	42	11	3	44	-	30	54
\$70,000 to \$99,999	32	9	34	18	16	18	127	30
1997	8	21	38	30	15	32	174	60
\$100,000 to \$199,999	6	66	48	42	42	28	151	45
2002	56	66	93	42	30	44	271	150
1997	102	127	129	65	30	44	271	79
\$200,000 to \$499,999	65	99	83	62	61	50	135	79
2002	64	94	62	103	42	45	124	93
1997	37	38	22	21	34	48	26	45
\$500,000 or more	8	14	22	22	27	44	11	12
2002								
1997								
SELECTED MACHINERY AND EQUIPMENT								
Tractors								
farms, 2002	376	426	518	446	277	352	984	444
1997	398	428	528	490	224	168	1,204	499
number, 2002	981	1,047	1,733	1,101	548	819	2,647	970
1997	897	1,039	1,494	1,236	471	450	2,941	1,227
Less than 40 horsepower (PTO)								
farms, 2002	55	152	235	195	30	35	294	89
1997	92	98	200	128	28	19	367	191
number, 2002	72	179	362	214	37	46	427	115
1997	114	123	292	160	37	26	425	229
40 to 99 horsepower (PTO)								
farms, 2002	161	276	323	172	48	211	596	182
1997	190	230	395	321	80	35	679	198
number, 2002	240	331	660	235	65	244	850	221
1997	328	329	669	446	(D)	54	931	282
100 horsepower (PTO) or more								
farms, 2002	321	235	386	259	252	204	597	359
1997	280	340	290	326	177	143	861	420
number, 2002	669	537	711	652	446	529	1,370	634
1997	455	587	533	630	(D)	370	1,585	716
Grain and bean combines (see text)								
farms, 2002	175	182	361	188	100	150	617	185
1997	203	176	273	257	85	132	835	320
number, 2002	216	216	453	235	114	185	819	214
1997	228	231	308	286	95	161	1,191	392
Cotton pickers and strippers								
farms, 2002	-	-	-	-	-	5	6	-
1997	-	-	-	-	-	-	1	-
number, 2002	-	-	-	-	-	6	7	-
1997	-	-	-	-	-	-	(D)	-
Forage harvesters, self-propelled (see text)								
farms, 2002	11	23	24	36	1	3	56	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	11	23	24	38	(D)	3	56	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers								
farms, 2002	159	83	199	136	13	58	333	89
1997	91	63	160	193	7	23	415	70
number, 2002	189	95	246	148	15	69	396	92
1997	93	73	185	247	8	31	538	116
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors								
farms	52	66	63	69	36	64	123	99
number	63	93	83	101	73	88	174	137
Less than 40 horsepower (PTO)								
farms	1	-	1	29	4	-	38	3
number	(D)	-	(D)	(D)	4	-	38	(D)
40 to 99 horsepower (PTO)								
farms	1	1	2	1	3	1	23	2
number	(D)	(D)	(D)	(D)	3	(D)	23	(D)
100 horsepower (PTO) or more								
farms	51	66	62	39	33	64	88	99
number	(D)	(D)	(D)	71	66	(D)	113	132
Grain and bean combines								
farms	38	30	40	28	11	30	40	31
number	38	30	42	31	11	30	44	34
Cotton pickers and strippers								
farms	-	-	-	-	-	2	1	-
number	-	-	-	-	-	(D)	(D)	-
Forage harvesters, self-propelled (see text)								
farms	-	-	-	2	-	-	-	-
number	-	-	-	(D)	-	-	-	-
Hay balers								
farms	21	10	12	25	4	8	38	5
number	22	10	12	27	4	9	38	7
Manufactured prior to 1998:								
Tractors								
farms	356	417	505	415	256	331	946	406
number	918	954	1,650	1,000	475	731	2,473	833
Less than 40 horsepower (PTO)								
farms	54	152	234	166	27	35	258	87
number	(D)	179	(D)	(D)	33	46	389	(D)
40 to 99 horsepower (PTO)								
farms	161	276	323	171	46	211	574	180
number	(D)	(D)	(D)	(D)	62	(D)	827	(D)
100 horsepower (PTO) or more								
farms	300	220	373	248	229	177	560	311
number	(D)	(D)	(D)	581	380	(D)	1,257	502
Grain and bean combines								
farms	144	157	331	163	93	126	597	155
number	178	186	411	204	103	155	775	180

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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	Trego	Wabaunsee	Wallace	Washington	Wichita	Wilson	Woodson	Wyandotte	
VALUE OF MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment									
farms, 2002	413	633	284	763	321	529	308	143	
1997	402	610	289	785	317	561	372	219	
\$1,000, 2002	38,743	45,869	40,263	86,229	57,589	45,505	20,026	4,284	
1997	31,189	25,603	29,363	60,567	42,961	38,446	16,522	6,022	
Average per farm	dollars, 2002	93,808	72,464	141,773	113,013	179,406	65,020	29,959	
1997	77,585	41,971	101,602	77,156	135,524	68,531	44,413	27,499	
Farms by value group:									
\$1 to \$9,999	2002	36	165	29	192	77	161	57	60
1997	16	128	27	157	4	124	48	103	
\$10,000 to \$19,999	2002	29	114	27	94	30	56	69	35
1997	63	116	17	98	34	83	147	28	
\$20,000 to \$29,999	2002	63	40	9	76	8	50	40	16
1997	33	128	64	45	50	55	35	39	
\$30,000 to \$49,999	2002	43	128	72	86	36	18	34	3
1997	54	101	52	100	44	100	44	14	
\$50,000 to \$69,999	2002	55	17	3	58	20	50	16	8
1997	98	41	7	69	25	35	18	17	
\$70,000 to \$99,999	2002	33	41	33	50	26	42	36	13
1997	54	23	27	101	29	42	40	-	
\$100,000 to \$199,999	2002	107	60	49	81	41	76	38	2
1997	35	54	48	147	48	60	23	12	
\$200,000 to \$499,999	2002	44	59	50	81	58	63	13	6
1997	48	18	35	60	70	59	17	6	
\$500,000 or more	2002	3	9	12	45	25	13	5	
1997	1	1	12	8	13	3	-	-	
SELECTED MACHINERY AND EQUIPMENT									
Tractors	farms, 2002	390	602	257	639	249	520	299	132
1997	381	502	255	740	268	515	336	205	
number, 2002	977	1,547	662	1,899	569	1,306	909	240	
1997	860	1,096	573	1,805	641	1,060	896	400	
Less than 40 horsepower (PTO)	farms, 2002	182	221	35	172	68	206	152	79
1997	147	254	60	218	79	122	199	155	
number, 2002	199	345	35	310	84	334	248	90	
1997	157	344	77	322	91	150	340	242	
40 to 99 horsepower (PTO)	farms, 2002	177	455	185	455	86	343	224	71
1997	196	363	123	573	98	369	231	78	
number, 2002	358	760	276	783	90	521	413	98	
1997	(D)	589	188	951	152	523	375	104	
100 horsepower (PTO) or more	farms, 2002	257	246	172	417	206	223	140	37
1997	302	113	176	351	216	242	122	40	
number, 2002	420	442	351	806	395	451	248	52	
1997	(D)	163	308	532	398	387	181	54	
Grain and bean combines (see text)	farms, 2002	209	138	153	422	121	167	78	10
1997	192	198	109	385	93	158	141	20	
number, 2002	265	165	170	440	141	191	96	10	
1997	248	207	122	458	133	180	178	20	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-	
number, 2002	-	-	-	-	-	-	-	-	
1997	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms, 2002	16	43	1	36	11	14	12	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	16	43	(D)	37	14	14	12	-	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	172	285	40	366	30	294	200	31
1997	130	289	58	366	10	234	169	57	
number, 2002	227	392	43	449	30	348	283	41	
1997	148	369	61	488	13	321	250	77	
2002 INVENTORY									
Manufactured 1998 to 2002:									
Tractors	farms	42	76	38	93	57	73	17	27
number	42	86	51	156	73	118	20	31	
Less than 40 horsepower (PTO)	farms	-	39	2	2	18	32	-	27
number	-	39	(D)	(D)	19	56	-	28	
40 to 99 horsepower (PTO)	farms	1	5	6	34	4	25	1	3
number	(D)	6	(D)	(D)	4	25	(D)	3	
100 horsepower (PTO) or more	farms	41	34	31	65	42	23	16	-
number	(D)	41	43	117	50	37	(D)	-	
Grain and bean combines	farms	8	16	14	27	17	15	6	1
number	8	16	15	27	18	15	13	(D)	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	-	4	-	19	5	1	-	-
number	-	4	-	19	8	(D)	-	-	
Hay balers	farms	32	17	3	62	10	34	27	8
number	32	17	3	62	10	34	28	8	
Manufactured prior to 1998:									
Tractors	farms	379	579	248	622	231	495	299	122
number	935	1,461	611	1,743	496	1,188	889	209	
Less than 40 horsepower (PTO)	farms	182	193	33	170	50	174	152	52
number	199	306	(D)	(D)	65	278	248	62	
40 to 99 horsepower (PTO)	farms	176	452	185	438	83	335	224	68
number	(D)	754	(D)	(D)	86	496	(D)	95	
100 horsepower (PTO) or more	farms	242	228	163	408	190	214	138	37
number	(D)	401	308	689	345	414	(D)	52	
Grain and bean combines	farms	202	127	141	396	105	155	73	9
number	257	149	155	413	123	176	83	(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	Kansas	Allen	Anderson	Atchison	Barber	Barton	Bourbon	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	36	-	1	-	12	-	-	
number	37	-	(D)	-	(D)	-	-	
Forage harvesters, self-propelled (see text) farms	2,392	9	27	15	7	42	26	
number	2,541	9	(D)	(D)	(D)	42	26	
Hay balers farms	20,415	339	235	306	85	320	351	
number	25,103	423	278	383	102	384	425	
Item	Brown	Butler	Chase	Chautauqua	Cherokee	Cheyenne	Clark	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	1	-	-	-	-	-	
number	-	(D)	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms	12	57	8	5	4	21	4	
number	(D)	57	(D)	(D)	4	(D)	(D)	
Hay balers farms	152	454	117	89	241	71	55	
number	200	574	139	101	303	84	62	
Item	Clay	Cloud	Coffey	Comanche	Cowley	Crawford	Decatur	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	1	-	-	
number	-	-	-	-	(D)	-	-	
Forage harvesters, self-propelled (see text) farms	34	19	26	13	23	1	4	
number	(D)	(D)	(D)	13	(D)	(D)	(D)	
Hay balers farms	215	176	269	68	373	276	76	
number	276	215	344	76	457	314	84	
Item	Dickinson	Doniphan	Douglas	Edwards	Elk	Ellis	Ellsworth	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms	29	2	6	10	-	50	26	
number	(D)	(D)	(D)	11	-	(D)	33	
Hay balers farms	302	94	273	63	173	211	116	
number	388	106	321	72	199	267	150	
Item	Finney	Ford	Franklin	Geary	Gove	Graham	Grant	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	1	-	-	-	-	-	
number	-	(D)	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms	45	16	31	9	18	27	4	
number	61	(D)	(D)	9	(D)	(D)	7	
Hay balers farms	71	131	465	137	73	234	63	
number	79	132	647	164	90	364	65	
Item	Gray	Greeley	Greenwood	Hamilton	Harper	Harvey	Haskell	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	1	8	1	
number	-	-	-	-	(D)	8	(D)	
Forage harvesters, self-propelled (see text) farms	33	4	28	7	10	47	32	
number	(D)	7	(D)	7	10	47	32	
Hay balers farms	87	23	187	50	175	257	19	
number	100	23	202	61	236	322	23	
Item	Hodgeman	Jackson	Jefferson	Jewell	Johnson	Kearny	Kingman	Kiowa
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	21	70	20	23	46	3	4	2
number	(D)	70	32	23	46	4	(D)	(D)
Hay balers farms	92	443	376	270	106	74	206	125
number	125	523	480	307	134	75	237	134
Item	Labette	Lane	Leavenworth	Lincoln	Linn	Logan	Lyon	McPherson
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	1	9	43	25	20	6	30	83
number	(D)	9	43	25	20	6	(D)	83
Hay balers farms	321	31	459	238	264	68	280	338
number	390	34	577	287	295	81	377	458

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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	Marion	Marshall	Meade	Miami	Mitchell	Montgomery	Morris	Morton
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	49	41	18	58	18	11	19	8
number	(D)	41	20	59	(D)	21	(D)	11
Hay balers farms	350	331	44	487	213	323	193	39
number	423	383	66	571	284	402	270	46
Item	Nemaha	Neosho	Ness	Norton	Osage	Osborne	Ottawa	Pawnee
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	64	12	22	16	16	30	31	43
number	64	12	(D)	(D)	(D)	30	42	(D)
Hay balers farms	343	365	132	118	226	136	186	80
number	366	449	155	136	329	172	231	100
Item	Phillips	Pottawatomie	Pratt	Rawlins	Reno	Republic	Rice	Riley
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	2	-	-	-	-	-
number	-	-	(D)	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	17	63	1	22	54	42	27	25
number	18	81	(D)	22	(D)	42	(D)	25
Hay balers farms	257	373	93	121	421	309	115	186
number	291	434	99	161	532	374	147	226
Item	Rooks	Rush	Russell	Saline	Scott	Sedgwick	Seward	Shawnee
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	25	45	42	29	8	74	2	3
number	25	(D)	44	(D)	8	75	(D)	(D)
Hay balers farms	155	246	163	248	20	344	53	355
number	198	286	214	332	20	463	59	395
Item	Sheridan	Sherman	Smith	Stafford	Stanton	Stevens	Sumner	Thomas
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	3	5	-
number	-	-	-	-	-	(D)	(D)	-
Forage harvesters, self-propelled (see text) farms	11	23	24	34	1	3	56	4
number	11	23	24	(D)	(D)	3	56	4
Hay balers farms	139	73	187	112	9	56	308	84
number	167	85	234	121	11	60	358	85
Item	Trego	Wabaunsee	Wallace	Washington	Wichita	Wilson	Woodson	Wyandotte
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	16	39	1	17	6	13	12	-
number	16	39	(D)	18	6	(D)	12	-
Hay balers farms	140	268	37	317	20	265	181	31
number	195	375	40	387	20	314	255	33