

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	New England	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment farms, 2002	27,717	4,193	7,000	5,980	3,367	828	6,349
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	1,500,562	214,739	380,209	300,455	137,603	47,926	419,630
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Average per farm dollars, 2002	54,139	51,214	54,316	50,243	40,868	57,882	66,094
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Farms by value group:							
\$1 to \$9,999 2002	8,795	1,577	2,289	1,992	1,109	216	1,612
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$10,000 to \$19,999 2002	4,602	671	1,161	1,006	607	136	1,021
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$20,000 to \$29,999 2002	3,393	458	959	729	496	98	653
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$30,000 to \$49,999 2002	2,969	356	786	581	387	112	747
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$50,000 to \$69,999 2002	2,302	318	545	479	234	84	642
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$70,000 to \$99,999 2002	1,347	216	277	278	157	55	364
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$100,000 to \$199,999 2002	2,494	382	535	517	258	77	725
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$200,000 to \$499,999 2002	1,506	153	367	351	104	39	492
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$500,000 or more 2002	309	62	81	47	15	11	93
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
SELECTED MACHINERY AND EQUIPMENT							
Tractors farms, 2002	22,837	3,402	5,816	4,797	2,761	704	5,357
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	58,621	9,687	14,006	11,831	6,325	1,818	14,954
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Less than 40 horsepower (PTO) farms, 2002	16,242	2,734	4,109	3,606	2,071	529	3,193
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	26,719	5,243	5,937	6,393	3,191	946	5,009
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
40 to 99 horsepower (PTO) farms, 2002	13,203	1,809	3,284	2,645	1,496	407	3,562
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	25,285	3,725	6,111	4,567	2,712	745	7,425
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
100 horsepower (PTO) or more farms, 2002	3,558	434	837	572	261	82	1,372
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	6,617	719	1,958	871	422	127	2,520
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grain and bean combines (see text) farms, 2002	423	49	256	30	11	7	70
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	446	50	268	30	13	8	77
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cotton pickers and strippers farms, 2002	-	-	-	-	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	-	-	-	-	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Forage harvesters, self-propelled (see text) farms, 2002	582	156	99	54	32	9	232
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	648	177	115	62	34	11	249
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers farms, 2002	9,309	1,247	2,349	1,526	1,207	187	2,793
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	11,130	1,410	2,862	1,838	1,447	216	3,357
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 INVENTORY							
Manufactured 1998 to 2002:							
Tractors farms	4,561	510	1,160	1,044	630	156	1,061
number	6,109	803	1,432	1,452	733	239	1,450
Less than 40 horsepower (PTO) farms	2,261	215	618	592	361	86	389
number	2,610	358	642	705	370	109	426
40 to 99 horsepower (PTO) farms	2,230	298	486	510	269	79	588
number	2,647	399	587	598	310	115	638
100 horsepower (PTO) or more farms	601	43	133	128	49	11	237
number	852	46	203	149	53	15	386
Grain and bean combines farms	11	2	7	1	-	-	1
number	11	(D)	7	(D)	-	-	(D)
Cotton pickers and strippers farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	81	10	27	5	7	1	31
number	93	10	39	5	(D)	(D)	31
Hay balers farms	1,032	138	242	191	128	22	311
number	1,074	141	256	200	138	23	316
Manufactured prior to 1998:							
Tractors farms	20,916	3,245	5,196	4,283	2,502	647	5,043
number	52,512	8,884	12,574	10,379	5,592	1,579	13,504
Less than 40 horsepower (PTO) farms	14,694	2,587	3,642	3,173	1,821	475	2,996
number	24,109	4,885	5,295	5,688	2,821	837	4,583
40 to 99 horsepower (PTO) farms	12,010	1,676	3,041	2,337	1,355	367	3,234
number	22,638	3,326	5,524	3,969	2,402	630	6,787
100 horsepower (PTO) or more farms	3,235	422	796	463	230	73	1,251
number	5,765	673	1,755	722	369	112	2,134
Grain and bean combines farms	412	47	249	29	11	7	69
number	435	(D)	261	(D)	13	8	(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	New England	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont
2002 INVENTORY - Con.							
Manufactured prior to 1998 - Con.							
Cotton pickers and strippers farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms	512	149	74	50	27	8	204
number	555	167	76	57	(D)	(D)	218
Hay balers farms	8,602	1,158	2,219	1,398	1,127	171	2,529
number	10,056	1,269	2,606	1,638	1,309	193	3,041

Table 39. Fertilizers and Chemicals Applied: 2002 and 1997

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

Item	New England	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	12,218	1,978	3,053	2,945	1,318	451	2,473
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	783,832	99,981	239,758	107,375	60,752	13,718	262,248
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland fertilized, except cropland pastured farms, 2002	11,256	1,820	2,824	2,671	1,200	422	2,319
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	735,685	93,310	230,385	99,678	55,538	12,746	244,028
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Pastureland and rangeland fertilized farms, 2002	2,612	469	574	554	325	72	618
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	48,147	6,671	9,373	7,697	5,214	972	18,220
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Manure farms, 2002	7,879	1,141	1,928	1,498	955	170	2,187
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	445,221	42,632	95,447	29,537	36,826	2,920	237,859
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control- Insects ² farms, 2002	4,729	734	1,356	1,464	410	203	562
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	243,572	28,080	132,866	42,128	8,301	6,246	25,951
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Weeds, grass, or brush farms, 2002	5,118	856	1,203	1,301	433	174	1,151
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	372,088	45,128	164,738	45,942	17,911	7,108	91,261
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Nematodes farms, 2002	477	64	114	186	69	13	31
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	18,072	2,076	7,754	4,664	869	601	2,108
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Diseases in crops and orchards farms, 2002	2,444	415	700	795	243	98	193
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	131,264	15,221	80,999	22,396	4,042	2,494	6,112
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	728	89	354	154	60	28	43
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres on which used, 2002	51,505	1,468	45,735	2,004	1,061	206	1,031
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

¹ Data for 1997 exclude lime.

² Data for 1997 include treatment of crops, including hay, but not other land.