

Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2007 and 2002

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
FARMS AND LAND IN FARMS							
Farms .....number, 2007	7,691	406	522	777	81	531	741
.....number, 2002	6,075	285	401	624	83	400	586
Land in farms .....acres, 2007	517,879	5,233	66,352	39,252	7,916	27,834	79,465
.....acres, 2002	518,570	5,990	68,630	36,085	7,826	27,856	74,281
Average size of farm .....acres, 2007	67	13	127	51	98	52	107
.....acres, 2002	85	21	171	58	94	70	127
Estimated market value of land and buildings .....farms, 2007	7,691	406	522	777	81	531	741
.....farms, 2002	6,077	284	401	628	83	384	591
.....dollars, 2007	6,376,531	185,940	581,378	626,285	119,453	515,649	616,749
.....dollars, 2002	4,589,677	127,217	314,191	489,959	89,759	448,494	325,519
Average per farm .....dollars, 2007	829,090	457,980	1,113,751	806,029	1,474,733	971,091	832,320
.....dollars, 2002	755,254	447,947	783,518	780,190	1,081,431	1,167,953	550,794
Average per acre .....dollars, 2007	12,313	35,532	8,762	15,955	15,090	18,526	7,761
.....dollars, 2002	9,234	21,421	5,639	12,750	11,343	14,560	3,989
2007 farms by value group:							
\$1 to \$49,999	537	95	9	34	13	36	39
\$50,000 to \$99,999	372	60	27	30	5	30	32
\$100,000 to \$199,999	675	37	47	73	9	32	73
\$200,000 to \$499,999	2,237	66	154	212	3	118	295
\$500,000 to \$999,999	2,068	108	118	234	19	155	170
\$1,000,000 to \$1,999,999	1,082	20	89	126	20	93	65
\$2,000,000 to \$4,999,999	606	19	61	61	5	55	52
\$5,000,000 to \$9,999,999	85	1	11	6	5	10	11
\$10,000,000 or more	29	-	6	1	2	2	4
Approximate land area .....acres, 2007	4,992,934	252,273	593,093	353,961	66,077	315,951	447,698
Proportion in farms .....percent, 2007	10.4	2.1	11.2	11.1	12.0	8.8	17.7
2007 size of farm:							
1 to 9 acres .....farms	2,199	290	79	199	37	182	128
.....acres (D)	982	363	835	112	(D)	629	(D)
10 to 49 acres .....farms	2,885	89	181	355	30	220	250
.....acres	68,928	1,746	5,310	8,278	751	4,636	6,499
50 to 69 acres .....farms	545	15	32	59	3	34	52
.....acres	31,773	849	1,841	3,571	160	2,037	2,977
70 to 99 acres .....farms	561	5	37	58	1	31	66
.....acres (D)	46,327	(D)	3,025	4,699	(D)	2,458	5,475
100 to 139 acres .....farms	525	3	60	32	5	19	74
.....acres	60,717	310	7,148	3,728	522	2,167	8,710
140 to 179 acres .....farms	272	-	31	30	1	11	49
.....acres	42,548	-	4,776	4,600	(D)	1,748	7,655
180 to 219 acres .....farms	212	2	17	12	2	7	34
.....acres (D)	41,458	(D)	3,299	2,372	(D)	1,357	6,800
220 to 259 acres .....farms	127	1	19	13	-	4	18
.....acres (D)	30,251	(D)	4,504	3,102	-	910	4,363
260 to 499 acres .....farms	247	1	41	12	1	13	45
.....acres (D)	85,653	(D)	14,033	4,010	(D)	4,520	16,528
500 to 999 acres .....farms	90	-	17	7	-	8	22
.....acres	57,127	-	10,582	4,057	-	4,665	15,334
1,000 to 1,999 acres .....farms	24	-	8	-	-	2	2
.....acres	32,389	-	11,471	-	-	(D)	(D)
2,000 acres or more .....farms	4	-	-	-	1	-	1
.....acres (D)	(D)	-	-	-	(D)	-	(D)
2002 size of farm:							
1 to 9 acres .....farms	1,429	170	42	162	34	116	80
.....acres (D)	(D)	(D)	205	706	132	493	(D)
10 to 49 acres .....farms	2,217	84	134	255	38	170	134
.....acres	52,542	1,701	3,560	5,951	918	3,929	3,365
50 to 69 acres .....farms	504	11	23	61	3	20	74
.....acres (D)	29,170	(D)	1,345	3,552	161	1,193	4,114
70 to 99 acres .....farms	432	6	23	38	2	24	62
.....acres	35,673	505	1,876	3,145	(D)	(D)	5,283
100 to 139 acres .....farms	466	5	51	40	3	21	67
.....acres	53,110	554	5,925	4,378	320	2,453	7,633
140 to 179 acres .....farms	271	2	17	26	1	11	42
.....acres (D)	42,356	(D)	2,689	4,175	(D)	1,685	6,787
180 to 219 acres .....farms	185	3	21	12	-	6	33
.....acres (D)	36,509	(D)	4,185	2,408	-	1,169	6,522
220 to 259 acres .....farms	113	-	12	8	-	5	20
.....acres	27,050	-	2,853	1,916	-	(D)	4,756
260 to 499 acres .....farms	296	4	37	15	-	15	49
.....acres (D)	103,172	(D)	12,944	5,558	-	4,893	18,427
500 to 999 acres .....farms	129	-	32	7	1	11	24
.....acres	82,074	-	20,532	4,296	(D)	7,327	15,901
1,000 to 1,999 acres .....farms	30	-	9	-	-	1	1
.....acres	40,930	-	12,516	-	-	(D)	(D)
2,000 acres or more .....farms	3	-	-	-	1	-	-
.....acres (D)	(D)	-	-	-	(D)	-	-
LAND IN FARMS ACCORDING TO USE							
Total cropland .....farms, 2007	5,508	256	388	539	49	370	551
.....farms, 2002	4,898	195	339	477	49	323	500
.....acres, 2007	187,406	2,029	22,574	15,236	1,104	12,221	24,429
.....acres, 2002	207,734	3,045	25,701	15,398	799	12,912	25,998
Harvested cropland .....farms, 2007	4,792	143	321	459	40	322	500
.....farms, 2002	4,210	150	289	398	45	271	434
.....acres, 2007	153,993	1,484	18,318	12,412	(D)	9,909	20,132
.....acres, 2002	159,253	2,224	18,935	11,981	530	8,903	19,255
Cropland used only for pasture or grazing .....farms, 2007	1,184	102	100	143	13	85	118
.....farms, 2002	1,748	33	171	162	11	107	232
.....acres, 2007	16,219	303	2,354	1,370	(D)	1,323	2,251
.....acres, 2002	29,858	418	5,023	1,997	(D)	2,831	4,675

See footnote(s) at end of table.

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Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2007 and 2002 - Con.

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

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
FARMS AND LAND IN FARMS								
Farms number, 2007	508	711	700	14	264	882	7	1,547
..... 2002	458	542	579	13	208	794	8	1,094
Land in farms acres, 2007	36,841	52,756	33,893	615	11,654	49,612	99	106,357
..... 2002	37,637	50,756	33,160	(D)	12,645	59,445	(D)	103,538
Average size of farm acres, 2007	73	74	48	44	44	56	14	69
..... 2002	82	94	57	(D)	61	75	(D)	95
Estimated market value of land and buildings farms, 2007	508	711	700	14	264	882	7	1,547
..... 2002	459	543	588	13	209	795	8	1,091
..... \$1,000, 2007	391,169	473,761	635,333	6,243	241,706	726,033	2,637	1,254,194
..... 2002	211,547	321,363	606,533	32,426	203,614	691,036	6,274	721,744
Average per farm dollars, 2007	770,017	666,331	907,619	445,903	915,554	823,166	376,684	810,727
..... 2002	460,886	591,829	1,031,520	2,494,308	974,228	869,228	784,292	661,544
Average per acre dollars, 2007	10,618	8,980	18,745	10,151	20,740	14,634	26,634	11,792
..... 2002	6,404	6,601	20,975	50,824	15,960	12,635	56,021	7,378
2007 farms by value group:								
\$1 to \$49,999	41	46	51	1	11	75	1	85
\$50,000 to \$99,999	19	32	29	5	18	29	2	54
\$100,000 to \$199,999	38	65	61	3	27	104	1	105
\$200,000 to \$499,999	202	264	147	1	63	236	1	475
\$500,000 to \$999,999	97	171	209	3	66	262	1	455
\$1,000,000 to \$1,999,999	66	83	131	-	50	108	1	230
\$2,000,000 to \$4,999,999	41	45	60	1	26	55	-	125
\$5,000,000 to \$9,999,999	2	5	9	-	1	7	-	17
\$10,000,000 or more	2	-	3	-	2	6	-	1
Approximate land area acres, 2007	394,839	337,600	523,620	28,666	253,376	421,776	37,217	966,787
Proportion in farms percent, 2007	9.3	15.6	6.5	2.1	4.6	11.8	0.3	11.0
2007 size of farm:								
1 to 9 acres farms	131	161	222	5	111	279	5	370
..... acres	615	(D)	(D)	(D)	485	1,257	(D)	1,722
10 to 49 acres farms	170	251	303	7	103	376	1	549
..... acres	4,244	6,507	6,579	(D)	2,594	8,471	(D)	13,144
50 to 69 acres farms	37	60	49	-	11	60	-	133
..... acres	2,188	3,533	2,779	-	654	3,527	-	7,657
70 to 99 acres farms	46	72	26	-	15	49	1	154
..... acres	3,819	6,138	2,163	-	1,284	3,985	(D)	12,685
100 to 139 acres farms	58	49	44	-	8	40	-	133
..... acres	6,545	5,780	5,127	-	877	4,604	-	15,199
140 to 179 acres farms	19	36	16	-	4	20	-	55
..... acres	3,026	5,610	2,529	-	(D)	3,133	-	8,703
180 to 219 acres farms	6	36	17	1	3	20	-	55
..... acres	1,169	6,886	3,373	(D)	584	3,991	-	10,621
220 to 259 acres farms	7	14	1	1	3	10	-	36
..... acres	1,663	3,409	(D)	(D)	672	2,439	-	8,519
260 to 499 acres farms	28	22	18	-	2	15	-	49
..... acres	9,483	7,452	5,949	-	(D)	4,873	-	17,379
500 to 999 acres farms	6	9	3	-	2	6	-	10
..... acres	4,089	5,506	(D)	-	(D)	3,565	-	5,928
1,000 to 1,999 acres farms	-	1	-	-	2	7	-	2
..... acres	-	(D)	-	-	(D)	9,767	-	(D)
2,000 acres or more farms	-	-	1	-	-	-	-	1
..... acres	-	-	(D)	-	-	-	-	(D)
2002 size of farm:								
1 to 9 acres farms	96	80	161	6	90	197	6	189
..... acres	439	(D)	(D)	16	405	(D)	7	871
10 to 49 acres farms	153	194	233	5	79	364	1	373
..... acres	3,812	4,874	5,111	(D)	1,751	8,684	(D)	8,729
50 to 69 acres farms	28	62	48	-	2	47	-	125
..... acres	1,679	3,567	2,709	-	(D)	2,753	-	7,348
70 to 99 acres farms	48	42	39	-	5	44	1	98
..... acres	3,972	3,412	3,208	-	(D)	3,530	(D)	8,180
100 to 139 acres farms	58	42	27	-	12	40	-	100
..... acres	6,614	4,811	3,148	-	1,280	4,680	-	11,314
140 to 179 acres farms	23	36	32	-	5	30	-	46
..... acres	3,454	5,591	4,897	-	(D)	4,572	-	7,312
180 to 219 acres farms	7	29	12	1	4	16	-	41
..... acres	1,356	5,650	2,341	(D)	816	3,154	-	8,082
220 to 259 acres farms	14	15	5	-	2	8	-	24
..... acres	3,366	3,609	1,261	-	(D)	1,923	-	5,696
260 to 499 acres farms	23	29	17	1	4	30	-	72
..... acres	8,389	10,124	5,879	(D)	1,271	9,524	-	24,828
500 to 999 acres farms	8	12	4	-	1	9	-	20
..... acres	4,556	7,611	(D)	-	(D)	5,575	-	12,163
1,000 to 1,999 acres farms	-	1	1	-	4	7	-	6
..... acres	-	(D)	(D)	-	4,804	9,755	-	9,015
2,000 acres or more farms	-	-	-	-	-	2	-	-
..... acres	-	-	-	-	-	(D)	-	-
LAND IN FARMS ACCORDING TO USE								
Total cropland farms, 2007	384	543	502	14	169	643	6	1,094
..... 2002	369	459	450	13	133	644	6	941
..... acres, 2007	12,984	23,800	15,353	447	3,292	18,302	12	35,623
..... 2002	15,554	23,758	15,661	502	3,882	22,144	15	42,365
Harvested cropland farms, 2007	340	482	452	14	147	592	6	974
..... 2002	311	403	389	10	105	578	5	822
..... acres, 2007	10,219	19,834	12,010	399	2,569	15,909	(D)	30,065
..... 2002	10,961	19,819	11,707	(D)	2,403	18,304	(D)	34,031
Cropland used only for pasture or grazing farms, 2007	71	103	108	2	42	85	2	210
..... 2002	154	161	156	4	54	113	1	389
..... acres, 2007	1,131	1,472	1,279	(D)	(D)	1,204	(D)	2,870
..... 2002	2,127	2,525	2,275	(D)	814	1,039	(D)	5,894

See footnote(s) at end of table.

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Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2007 and 2002 - Con.

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
LAND IN FARMS ACCORDING TO USE - Con.							
Total cropland - Con.							
Other cropland							
farms, 2007	1,080	40	81	90	13	85	125
2002	1,071	54	81	87	13	74	112
acres, 2007	17,194	242	1,902	1,454	(D)	989	2,046
2002	18,623	403	1,743	1,420	(D)	1,178	2,068
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text)							
farms, 2007	812	30	66	64	13	65	99
2002	787	41	60	51	11	59	90
acres, 2007	13,305	(D)	1,723	993	(D)	703	1,702
2002	12,895	223	821	449	(D)	948	1,697
Cropland on which all crops failed							
farms, 2007	264	11	18	30	4	19	25
2002	355	13	31	42	2	27	30
acres, 2007	2,452	112	148	423	4	175	187
2002	4,551	125	869	894	(D)	140	297
Cropland in cultivated summer fallow							
farms, 2007	167	2	11	11	2	16	20
2002	120	7	10	9	1	9	9
acres, 2007	1,437	(D)	31	38	(D)	111	157
2002	1,177	55	53	77	(D)	90	74
Total woodland							
farms, 2007	4,259	73	352	434	27	210	548
2002	3,325	49	280	308	25	192	458
acres, 2007	212,539	1,031	29,938	14,468	3,106	8,257	43,075
2002	210,891	774	32,683	11,635	(D)	8,815	38,778
Woodland pastured							
farms, 2007	1,160	17	120	139	13	43	138
2002	859	13	85	84	10	52	112
acres, 2007	21,853	50	3,688	2,082	(D)	1,536	2,538
2002	22,641	(D)	2,666	1,633	(D)	1,854	3,497
Woodland not pastured							
farms, 2007	3,670	59	281	358	19	191	503
2002	2,910	43	246	257	20	162	432
acres, 2007	190,686	981	26,250	12,386	(D)	6,721	40,537
2002	188,250	(D)	30,017	10,002	(D)	6,961	35,281
Permanent pasture and rangeland, other than cropland and woodland pastured (see text)							
farms, 2007	3,359	50	299	389	32	214	382
2002	1,650	36	145	173	30	115	161
acres, 2007	48,120	351	8,386	4,044	654	2,961	6,425
2002	31,279	(D)	5,505	2,615	(D)	2,332	4,461
Land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc.							
farms, 2007	5,005	255	329	491	55	354	506
2002	4,086	182	270	417	58	277	409
acres, 2007	69,814	1,822	5,454	5,504	3,052	4,395	5,536
2002	68,666	(D)	4,741	6,437	(D)	3,797	5,044
Pastureland, all types							
farms, 2007	4,399	156	381	494	39	288	473
2002	3,221	68	274	324	39	209	352
acres, 2007	86,192	704	14,428	7,496	2,669	5,820	11,214
2002	83,778	899	13,194	6,245	1,596	7,017	12,633
CONSERVATION PRACTICES AND CROP INSURANCE							
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs (see text) ¹							
farms, 2007	30	2	3	1	-	2	7
2002	17	1	1	-	1	-	4
acres, 2007	580	(D)	62	(D)	-	(D)	97
2002	191	(D)	(D)	-	(D)	-	49
Land enrolled in crop insurance programs (see text)							
farms, 2007	722	78	28	38	5	11	54
2002	641	43	28	65	2	23	57
acres, 2007	32,811	1,060	2,986	1,621	36	732	4,619
2002	32,846	1,717	2,981	2,741	(D)	1,413	4,306

See footnote(s) at end of table.

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Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2007 and 2002 - Con.

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

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
LAND IN FARMS ACCORDING TO USE - Con.								
Total cropland - Con.								
Other cropland								
farms, 2007	88	143	94	1	21	98	-	201
2002	85	126	97	2	23	153	-	164
acres, 2007	1,634	2,494	2,064	(D)	(D)	1,189	-	2,688
2002	2,466	1,414	1,679	(D)	665	2,801	-	2,440
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text)								
farms, 2007	62	103	75	1	10	57	-	167
2002	66	83	83	2	17	96	-	128
acres, 2007	1,283	1,511	1,873	(D)	188	763	-	2,291
2002	1,969	959	1,459	(D)	558	1,753	-	1,736
Cropland on which all crops failed								
farms, 2007	18	34	18	-	4	42	-	41
2002	25	45	25	-	7	62	-	46
acres, 2007	207	447	168	-	19	343	-	219
2002	277	328	184	-	(D)	933	-	438
Cropland in cultivated summer fallow								
farms, 2007	21	34	12	-	8	8	-	22
2002	13	18	12	-	4	14	-	14
acres, 2007	144	536	23	-	(D)	83	-	178
2002	220	127	36	-	(D)	115	-	266
Total woodland								
farms, 2007	335	454	338	2	149	364	1	972
2002	291	332	265	1	110	322	2	690
acres, 2007	17,432	19,395	11,706	(D)	5,127	13,111	(D)	45,817
2002	17,195	19,932	9,451	(D)	6,224	17,458	(D)	44,211
Woodland pastured								
farms, 2007	100	95	82	1	61	87	-	264
2002	88	85	56	1	24	66	-	183
acres, 2007	1,542	1,038	1,067	(D)	(D)	965	-	4,672
2002	1,602	1,957	1,143	(D)	572	1,734	-	5,168
Woodland not pastured								
farms, 2007	284	422	293	2	104	308	1	845
2002	253	289	234	-	94	277	2	601
acres, 2007	15,890	18,357	10,639	(D)	(D)	12,146	(D)	41,145
2002	15,593	17,975	8,308	-	5,652	15,724	(D)	39,043
Permanent pasture and rangeland, other than cropland and woodland pastured (see text)								
farms, 2007	224	328	255	3	114	229	1	839
2002	111	153	166	2	74	153	-	331
acres, 2007	2,492	5,181	2,763	(D)	1,137	2,204	(D)	11,508
2002	1,753	3,511	2,204	(D)	480	1,168	-	6,094
Land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc.								
farms, 2007	323	444	449	8	174	621	2	994
2002	297	355	397	9	123	544	4	744
acres, 2007	3,933	4,380	4,071	(D)	2,098	15,995	(D)	13,409
2002	3,135	3,555	5,844	64	2,059	18,675	(D)	10,868
Pastureland, all types								
farms, 2007	300	407	361	5	161	325	3	1,006
2002	258	295	311	7	126	279	1	678
acres, 2007	5,165	7,691	5,109	71	2,396	4,373	6	19,050
2002	5,482	7,993	5,622	(D)	1,866	3,941	(D)	17,156
CONSERVATION PRACTICES AND CROP INSURANCE								
Land enrolled in Conservation Reserve, Wetlands Reserve, Farmable Wetlands, or Conservation Reserve Enhancement Programs (see text) ¹								
farms, 2007	-	7	1	-	-	4	-	3
2002	-	2	1	-	2	2	-	3
acres, 2007	-	155	(D)	-	-	27	-	57
2002	-	(D)	(D)	-	(D)	(D)	-	43
Land enrolled in crop insurance programs (see text)								
farms, 2007	29	83	30	-	9	265	-	92
2002	34	66	33	-	8	218	-	64
acres, 2007	1,051	4,171	2,429	-	98	9,967	-	4,041
2002	1,492	3,330	1,669	-	(D)	9,169	-	3,792

¹ 2002 data do not include farms with land in Farmable Wetlands or Conservation Reserve Enhancement Programs.

Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2007 and 2002

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Farms .....number, 2007	4,792	143	321	459	40	322	500
.....2002	4,210	150	289	398	45	271	434
.....acres harvested, 2007	153,993	1,484	18,318	12,412	(D)	9,909	20,132
.....2002	159,253	2,224	18,935	11,981	530	8,903	19,255
HARVESTED CROPLAND BY SIZE OF FARM							
2007 size of farm:							
1 to 9 acres .....farms	884	60	30	71	19	69	60
.....acres harvested	(D)	166	58	169	(D)	(D)	179
10 to 49 acres .....farms	1,720	62	100	185	10	145	144
.....acres harvested	16,907	462	1,252	1,835	59	1,306	1,192
50 to 69 acres .....farms	422	12	19	48	3	19	38
.....acres harvested	9,614	242	494	1,102	63	569	638
70 to 99 acres .....farms	449	4	22	51	1	26	44
.....acres harvested	12,082	306	645	1,215	(D)	544	1,099
100 to 139 acres .....farms	442	1	44	32	3	19	64
.....acres harvested	18,928	(D)	1,838	1,512	(D)	1,365	1,686
140 to 179 acres .....farms	241	-	23	30	1	11	45
.....acres harvested	11,019	-	820	1,742	(D)	845	1,513
180 to 219 acres .....farms	189	2	15	12	2	7	33
.....acres harvested	13,292	(D)	808	1,193	(D)	587	2,072
220 to 259 acres .....farms	108	1	17	11	-	4	11
.....acres harvested	9,119	(D)	1,617	781	-	236	882
260 to 499 acres .....farms	226	1	28	12	1	13	38
.....acres harvested	30,260	(D)	3,695	1,574	(D)	2,382	4,454
500 to 999 acres .....farms	84	-	15	7	-	7	20
.....acres harvested	18,644	-	3,284	1,289	-	1,306	4,902
1,000 to 1,999 acres .....farms	24	-	8	-	-	2	2
.....acres harvested	11,312	-	3,807	-	-	(D)	(D)
2,000 acres or more .....farms	3	-	-	-	-	-	1
.....acres harvested	(D)	-	-	-	-	-	(D)
2002 size of farm:							
1 to 9 acres .....farms	767	67	32	65	21	61	51
.....acres harvested	(D)	175	62	183	28	(D)	(D)
10 to 49 acres .....farms	1,398	58	73	149	16	112	92
.....acres harvested	14,475	489	817	1,448	(D)	931	851
50 to 69 acres .....farms	395	7	20	50	2	14	43
.....acres harvested	8,546	(D)	419	1,191	(D)	326	595
70 to 99 acres .....farms	357	4	18	34	1	21	46
.....acres harvested	10,331	184	594	820	(D)	628	1,031
100 to 139 acres .....farms	375	5	40	32	2	21	52
.....acres harvested	14,534	(D)	1,473	1,260	(D)	931	1,568
140 to 179 acres .....farms	242	2	16	26	1	11	37
.....acres harvested	14,093	(D)	871	1,844	(D)	893	1,918
180 to 219 acres .....farms	161	3	14	12	-	6	28
.....acres harvested	10,897	167	1,048	936	-	373	1,394
220 to 259 acres .....farms	106	-	12	8	-	5	18
.....acres harvested	8,795	-	896	761	-	676	1,437
260 to 499 acres .....farms	265	4	33	15	-	11	42
.....acres harvested	35,074	960	3,524	2,219	-	1,946	4,819
500 to 999 acres .....farms	113	-	22	7	1	8	24
.....acres harvested	24,708	-	5,566	1,319	(D)	1,771	5,169
1,000 to 1,999 acres .....farms	28	-	9	-	-	1	1
.....acres harvested	11,895	-	3,665	-	-	(D)	(D)
2,000 acres or more .....farms	3	-	-	-	1	-	-
.....acres harvested	(D)	-	-	-	(D)	-	-
HARVESTED CROPLAND BY ACRES HARVESTED							
2007 acres harvested:							
1 to 9 acres .....farms	2,136	112	96	187	28	159	213
.....acres	(D)	373	(D)	668	66	(D)	850
10 to 19 acres .....farms	904	13	44	109	3	67	90
.....acres	11,790	(D)	553	1,452	(D)	901	1,196
20 to 29 acres .....farms	435	5	44	38	-	23	47
.....acres	9,915	(D)	977	873	-	554	996
30 to 49 acres .....farms	481	6	51	52	5	17	42
.....acres	17,824	210	1,898	1,948	150	617	1,573
50 to 99 acres .....farms	466	6	36	46	2	29	50
.....acres	31,089	(D)	2,382	3,008	(D)	1,975	3,245
100 to 199 acres .....farms	241	1	29	21	2	17	35
.....acres	32,157	(D)	3,830	2,687	(D)	2,299	4,760
200 to 499 acres .....farms	113	-	16	6	-	9	20
.....acres	31,244	-	4,330	1,776	-	2,448	5,612
500 to 999 acres .....farms	14	-	4	-	-	1	3
.....acres	8,902	-	2,517	-	-	(D)	1,900
1,000 acres or more .....farms	2	-	1	-	-	-	-
.....acres	(D)	-	(D)	-	-	-	-
2002 acres harvested:							
1 to 9 acres .....farms	1,774	117	76	164	35	141	145
.....acres	(D)	419	(D)	618	85	480	522
10 to 19 acres .....farms	705	12	45	90	1	46	80
.....acres	9,039	(D)	584	1,120	(D)	563	1,030
20 to 29 acres .....farms	468	5	39	39	4	19	58
.....acres	10,641	(D)	881	893	(D)	425	1,284
30 to 49 acres .....farms	447	8	39	36	2	18	47
.....acres	16,391	(D)	1,416	1,354	(D)	656	1,704
50 to 99 acres .....farms	403	4	39	40	2	19	45
.....acres	26,915	292	2,639	2,725	(D)	1,332	2,989
100 to 199 acres .....farms	260	-	29	20	1	17	38
.....acres	34,219	-	3,819	2,427	(D)	2,323	5,124
200 to 499 acres .....farms	132	4	18	9	-	11	17
.....acres	38,347	(D)	5,687	2,844	-	3,124	4,466
500 to 999 acresfarms	17	-	3	-	-	-	4
.....acres	10,705	-	2,160	-	-	-	2,136
1,000 acres or morefarms	4	-	1	-	-	-	-
.....acres	(D)	-	(D)	-	-	-	-

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Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2007 and 2002 - Con.

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

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Farms .....number, 2007	340	482	452	14	147	592	6	974
.....2002	311	403	389	10	105	578	5	822
.....acres harvested, 2007	10,219	19,834	12,010	399	2,569	15,909	(D)	30,065
.....2002	10,961	19,819	11,707	(D)	2,403	18,304	(D)	34,031
HARVESTED CROPLAND BY SIZE OF FARM								
2007 size of farm:								
1 to 9 acres .....farms	63	75	132	5	37	119	5	139
.....acres harvested	166	(D)	263	(D)	80	314	7	(D)
10 to 49 acres .....farms	105	156	178	7	65	260	-	303
.....acres harvested	1,003	1,899	1,672	52	657	2,599	-	2,919
50 to 69 acres .....farms	31	48	32	-	8	55	-	109
.....acres harvested	866	1,403	603	-	156	1,236	-	2,242
70 to 99 acres .....farms	34	64	21	-	15	46	1	120
.....acres harvested	914	1,969	483	-	(D)	1,225	(D)	3,394
100 to 139 acres .....farms	46	37	39	-	6	38	-	113
.....acres harvested	1,975	2,420	1,979	-	287	1,419	-	4,284
140 to 179 acres .....farms	17	31	13	-	4	18	-	48
.....acres harvested	731	1,391	965	-	(D)	966	-	1,695
180 to 219 acres .....farms	5	25	15	1	3	18	-	51
.....acres harvested	277	2,120	1,409	(D)	115	939	-	3,483
220 to 259 acres .....farms	5	14	1	1	3	10	-	30
.....acres harvested	557	1,258	(D)	(D)	122	805	-	2,256
260 to 499 acres .....farms	28	22	18	-	2	15	-	48
.....acres harvested	2,623	3,457	3,733	-	(D)	1,838	-	6,128
500 to 999 acres .....farms	6	9	2	-	2	6	-	10
.....acres harvested	1,107	2,731	(D)	-	(D)	889	-	2,276
1,000 to 1,999 acres .....farms	-	1	-	-	2	7	-	2
.....acres harvested	-	(D)	-	-	(D)	3,679	-	(D)
2,000 acres or more .....farms	-	-	1	-	-	-	-	1
.....acres harvested	-	-	(D)	-	-	-	-	(D)
2002 size of farm:								
1 to 9 acres .....farms	43	60	91	6	33	110	4	123
.....acres harvested	119	(D)	206	6	(D)	(D)	5	297
10 to 49 acres .....farms	98	121	150	2	39	258	-	230
.....acres harvested	1,296	1,417	1,548	(D)	515	2,634	-	2,355
50 to 69 acres .....farms	23	49	36	-	1	45	-	105
.....acres harvested	461	1,159	1,033	-	(D)	826	-	2,380
70 to 99 acres .....farms	40	36	33	-	5	40	1	78
.....acres harvested	1,253	1,264	809	-	(D)	1,232	(D)	2,404
100 to 139 acres .....farms	44	29	17	-	9	38	-	86
.....acres harvested	1,502	1,816	989	-	271	1,153	-	3,345
140 to 179 acres .....farms	14	31	31	-	5	25	-	43
.....acres harvested	785	1,979	2,287	-	(D)	1,187	-	1,983
180 to 219 acres .....farms	7	24	9	1	4	16	-	37
.....acres harvested	783	1,143	962	(D)	(D)	1,304	-	2,601
220 to 259 acres .....farms	14	15	3	-	2	5	-	24
.....acres harvested	752	1,691	438	-	(D)	(D)	-	1,546
260 to 499 acres .....farms	21	25	16	1	4	23	-	70
.....acres harvested	2,721	4,123	2,313	(D)	(D)	2,551	-	9,473
500 to 999 acres .....farms	7	12	2	-	1	9	-	20
.....acres harvested	1,289	3,996	(D)	-	(D)	739	-	4,102
1,000 to 1,999 acres .....farms	-	1	1	-	2	7	-	6
.....acres harvested	-	(D)	(D)	-	(D)	2,018	-	3,545
2,000 acres or more .....farms	-	-	-	-	-	2	-	-
.....acres harvested	-	-	-	-	-	(D)	-	-
HARVESTED CROPLAND BY ACRES HARVESTED								
2007 acres harvested:								
1 to 9 acres .....farms	139	183	253	9	79	295	6	377
.....acres	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 to 19 acres .....farms	65	88	72	2	28	115	-	208
.....acres	842	1,152	888	(D)	340	1,595	-	2,630
20 to 29 acres .....farms	37	35	36	1	16	66	-	87
.....acres	789	818	822	(D)	356	1,578	-	2,023
30 to 49 acres .....farms	39	58	29	-	10	50	-	122
.....acres	1,447	2,153	1,084	-	384	1,864	-	4,496
50 to 99 acres .....farms	36	69	31	-	10	42	-	109
.....acres	2,446	4,612	2,063	-	635	2,980	-	7,149
100 to 199 acres .....farms	18	31	18	1	3	12	-	53
.....acres	2,343	4,036	2,448	(D)	337	1,742	-	7,084
200 to 499 acres .....farms	5	16	12	1	1	11	-	16
.....acres	(D)	4,734	3,403	(D)	(D)	3,051	-	4,175
500 to 999 acres .....farms	1	2	1	-	-	-	-	2
.....acres	(D)	(D)	(D)	-	-	-	-	(D)
1,000 acres or more .....farms	-	-	-	-	-	1	-	-
.....acres	-	-	-	-	-	(D)	-	-
2002 acres harvested:								
1 to 9 acres .....farms	98	141	189	7	55	292	5	309
.....acres	368	(D)	(D)	(D)	166	1,286	(D)	1,129
10 to 19 acres .....farms	53	68	59	1	18	99	-	133
.....acres	664	905	711	(D)	217	1,369	-	1,694
20 to 29 acres .....farms	58	53	39	-	6	66	-	82
.....acres	1,325	1,234	874	-	(D)	1,570	-	1,835
30 to 49 acres .....farms	48	40	41	-	15	55	-	98
.....acres	1,734	1,617	1,500	-	508	1,974	-	3,567
50 to 99 acres .....farms	25	49	25	1	6	34	-	114
.....acres	1,793	3,301	1,590	(D)	453	2,221	-	7,395
100 to 199 acres .....farms	21	30	28	1	4	18	-	53
.....acres	2,622	4,042	3,656	(D)	(D)	2,459	-	6,957
200 to 499 acres .....farms	8	18	7	-	1	11	-	28
.....acres	2,455	5,336	2,144	-	(D)	3,002	-	7,929
500 to 999 acres .....farms	-	3	1	-	-	1	-	5
.....acres	-	(D)	(D)	-	-	(D)	-	3,525
1,000 acres or more .....farms	-	1	-	-	-	2	-	-
.....acres	-	(D)	-	-	-	(D)	-	-

Table 10. Irrigation: 2007 and 2002

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Farms .....number, 2007	1,630	123	63	170	21	125	90
.....2002	1,580	121	59	178	29	104	90
Land in irrigated farms .....acres, 2007	111,632	2,880	5,985	11,752	(D)	8,028	9,389
.....2002	118,992	4,124	3,569	12,471	528	6,575	8,412
Harvested cropland .....farms, 2007	1,566	116	62	164	17	104	90
.....2002	1,560	121	59	174	26	103	90
.....acres, 2007	41,494	1,338	1,162	3,421	(D)	3,627	4,055
.....2002	43,445	2,021	1,285	4,162	148	2,777	3,959
Other cropland, excluding cropland pastured .....farms, 2007	358	13	18	35	5	35	35
.....2002	408	28	18	39	9	31	31
.....acres, 2007	4,928	47	157	385	(D)	414	539
.....2002	5,999	269	173	415	(D)	350	467
Pastureland, excluding woodland pastured .....farms, 2007	390	21	27	46	9	53	30
.....2002	319	16	20	38	9	18	29
.....acres, 2007	5,548	100	743	588	152	625	490
.....2002	4,816	103	567	628	(D)	340	288
Irrigated land .....acres, 2007	23,133	1,263	152	1,872	120	885	1,743
.....2002	23,720	1,935	172	2,013	120	585	2,117
Harvested cropland .....farms, 2007	1,543	112	62	162	17	101	87
.....2002	1,548	121	59	173	26	100	90
.....acres, 2007	22,662	1,250	(D)	1,831	84	817	1,623
.....2002	23,509	(D)	(D)	1,994	107	560	2,117
Pastureland and other land .....farms, 2007	112	11	1	10	4	24	5
.....2002	48	2	1	6	4	4	-
.....acres, 2007	471	13	(D)	41	36	68	120
.....2002	211	(D)	(D)	19	13	25	-
2007 irrigated acres by size of farm:							
1 to 9 acres .....farms	506	58	20	42	11	41	23
.....acres irrigated	934	140	(D)	57	(D)	75	27
10 to 49 acres .....farms	611	48	24	65	8	51	23
.....acres irrigated	3,417	310	44	245	38	130	92
50 to 69 acres .....farms	127	9	5	15	-	7	7
.....acres irrigated	1,548	200	26	163	-	102	10
70 to 99 acres .....farms	92	4	-	13	-	5	3
.....acres irrigated	1,585	306	-	180	-	58	(D)
100 to 139 acres .....farms	90	1	6	7	1	3	11
.....acres irrigated	1,901	(D)	8	84	(D)	(D)	45
140 to 179 acres .....farms	47	-	2	7	-	3	5
.....acres irrigated	1,102	-	(D)	120	-	39	(D)
180 to 219 acres .....farms	45	1	-	5	1	4	4
.....acres irrigated	1,876	(D)	-	270	(D)	(D)	116
220 to 259 acres .....farms	32	1	1	7	-	2	6
.....acres irrigated	(D)	(D)	(D)	151	-	(D)	(D)
260 to 499 acres .....farms	46	1	1	4	-	6	5
.....acres irrigated	3,423	(D)	(D)	357	-	151	579
500 to 999 acres .....farms	21	-	3	5	-	2	3
.....acres irrigated	1,844	-	3	245	-	(D)	576
1,000 to 1,999 acres .....farms	12	-	1	-	-	1	-
.....acres irrigated	3,988	-	(D)	-	-	(D)	-
2,000 acres or more .....farms	1	-	-	-	-	-	-
.....acres irrigated	(D)	-	-	-	-	-	-
2002 irrigated acres by size of farm:							
1 to 9 acres .....farms	466	54	23	39	17	40	22
.....acres irrigated	919	132	32	80	33	63	35
10 to 49 acres .....farms	562	46	21	70	8	34	31
.....acres irrigated	3,669	346	50	326	(D)	124	133
50 to 69 acres .....farms	123	6	3	17	2	3	8
.....acres irrigated	1,381	(D)	(D)	109	(D)	10	36
70 to 99 acres .....farms	91	2	2	10	1	4	2
.....acres irrigated	1,379	(D)	(D)	197	(D)	38	(D)
100 to 139 acres .....farms	94	4	4	8	-	7	7
.....acres irrigated	1,719	114	7	(D)	-	125	59
140 to 179 acres .....farms	77	2	2	13	1	5	4
.....acres irrigated	2,202	(D)	(D)	314	(D)	70	(D)
180 to 219 acres .....farms	46	3	-	9	-	3	4
.....acres irrigated	1,989	167	-	467	-	(D)	121
220 to 259 acres .....farms	29	-	1	4	-	1	3
.....acres irrigated	(D)	-	(D)	128	-	(D)	(D)
260 to 499 acres .....farms	59	4	2	6	-	5	6
.....acres irrigated	4,146	960	(D)	147	-	138	705
500 to 999 acres .....farms	21	-	1	2	-	2	3
.....acres irrigated	1,948	-	(D)	(D)	-	(D)	(D)
1,000 to 1,999 acres .....farms	11	-	-	-	-	-	-
.....acres irrigated	2,107	-	-	-	-	-	-
2,000 acres or more .....farms	1	-	-	-	-	-	-
.....acres irrigated	(D)	-	-	-	-	-	-

--continued

Table 10. Irrigation: 2007 and 2002 - Con.

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

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Farms .....number, 2007	76	82	174	10	63	435	5	193
.....2002	77	85	155	8	53	427	4	190
Land in irrigated farms .....acres, 2007	4,067	6,754	9,001	553	1,771	38,059	(D)	12,763
.....2002	4,437	7,188	8,579	(D)	2,958	42,209	(D)	17,360
Harvested cropland .....farms, 2007	72	82	170	10	61	426	5	187
.....2002	72	85	155	8	53	426	4	184
.....acres, 2007	1,691	4,221	3,355	372	537	12,930	(D)	4,582
.....2002	1,617	3,369	3,722	(D)	774	13,387	(D)	6,028
Other cropland, excluding cropland pastured .....farms, 2007	18	35	43	1	10	69	-	41
.....2002	22	34	49	2	11	87	-	47
.....acres, 2007	386	453	924	(D)	177	862	-	549
.....2002	510	371	869	(D)	175	1,460	-	633
Pastureland, excluding woodland pastured .....farms, 2007	17	18	42	4	17	46	2	58
.....2002	23	20	37	2	7	30	-	70
.....acres, 2007	128	303	531	(D)	232	822	(D)	808
.....2002	241	815	416	(D)	38	261	-	1,075
Irrigated land .....acres, 2007	1,154	1,011	1,488	374	273	11,861	7	930
.....2002	895	685	1,418	(D)	305	12,210	(D)	1,105
Harvested cropland .....farms, 2007	70	81	165	10	61	426	5	184
.....2002	71	83	154	8	52	425	4	182
.....acres, 2007	1,135	(D)	1,439	(D)	269	11,810	(D)	868
.....2002	875	(D)	1,402	(D)	(D)	12,194	(D)	1,061
Pastureland and other land .....farms, 2007	7	1	11	2	4	18	-	14
.....2002	6	2	4	-	1	6	-	12
.....acres, 2007	19	(D)	49	(D)	4	51	-	62
.....2002	20	(D)	16	-	(D)	16	-	44
2007 irrigated acres by size of farm:								
1 to 9 acres .....farms	33	24	72	4	31	76	4	67
.....acres irrigated	(D)	37	110	(D)	(D)	224	(D)	97
10 to 49 acres .....farms	20	23	65	4	22	194	-	64
.....acres irrigated	113	74	355	29	60	1,708	-	219
50 to 69 acres .....farms	5	6	10	-	4	40	-	19
.....acres irrigated	75	32	133	-	6	719	-	82
70 to 99 acres .....farms	4	10	5	-	1	31	1	15
.....acres irrigated	(D)	114	62	-	(D)	617	(D)	164
100 to 139 acres .....farms	5	3	8	-	3	34	-	8
.....acres irrigated	87	(D)	174	-	89	1,155	-	105
140 to 179 acres .....farms	4	4	3	-	1	11	-	7
.....acres irrigated	122	(D)	(D)	-	(D)	482	-	57
180 to 219 acres .....farms	-	5	6	1	-	14	-	4
.....acres irrigated	-	157	334	(D)	-	556	-	9
220 to 259 acres .....farms	1	2	-	1	-	8	-	2
.....acres irrigated	(D)	(D)	-	(D)	(D)	640	-	(D)
260 to 499 acres .....farms	4	4	3	-	-	15	-	3
.....acres irrigated	643	(D)	(D)	-	-	1,201	-	(D)
500 to 999 acres .....farms	-	-	1	-	-	5	-	2
.....acres irrigated	-	-	(D)	-	-	883	-	(D)
1,000 to 1,999 acres .....farms	-	1	-	-	-	7	-	2
.....acres irrigated	-	(D)	-	-	-	3,676	-	(D)
2,000 acres or more .....farms	-	-	1	-	-	-	-	-
.....acres irrigated	-	-	(D)	-	-	-	-	-
2002 irrigated acres by size of farm:								
1 to 9 acres .....farms	25	24	56	4	25	84	3	50
.....acres irrigated	42	39	85	(D)	43	246	(D)	82
10 to 49 acres .....farms	24	20	49	2	19	174	-	64
.....acres irrigated	198	44	263	(D)	153	1,836	-	166
50 to 69 acres .....farms	5	12	14	-	-	35	-	18
.....acres irrigated	41	119	184	-	-	560	-	167
70 to 99 acres .....farms	8	7	11	-	2	27	1	14
.....acres irrigated	84	81	121	-	(D)	549	(D)	102
100 to 139 acres .....farms	6	3	7	-	3	32	-	13
.....acres irrigated	81	(D)	(D)	-	20	985	-	119
140 to 179 acres .....farms	4	5	9	-	1	23	-	8
.....acres irrigated	95	(D)	275	-	(D)	1,124	-	173
180 to 219 acres .....farms	1	3	3	1	-	11	-	8
.....acres irrigated	(D)	114	75	(D)	-	754	-	146
220 to 259 acres .....farms	1	7	2	-	1	5	-	4
.....acres irrigated	(D)	7	(D)	-	(D)	(D)	-	13
260 to 499 acres .....farms	3	2	2	1	1	22	-	5
.....acres irrigated	(D)	(D)	(D)	(D)	(D)	1,643	-	(D)
500 to 999 acres .....farms	-	2	2	-	-	6	-	7
.....acres irrigated	-	(D)	(D)	-	-	595	-	3
1,000 to 1,999 acres .....farms	-	-	-	-	1	7	-	3
.....acres irrigated	-	-	-	-	(D)	(D)	-	(D)
2,000 acres or more .....farms	-	-	-	-	-	1	-	-
.....acres irrigated	-	-	-	-	-	(D)	-	-

Table 11. Cattle and Calves - Inventory and Sales: 2007 and 2002

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
INVENTORY							
Cattle and calves							
.....farms, 2007	1,832	16	197	258	19	63	262
.....number, 2007	1,269	8	143	161	9	45	171
.....farms, 2002	46,852	32	7,699	6,083	(D)	2,238	8,986
.....number, 2002	50,791	(D)	8,629	5,775	(D)	2,068	8,960
Farms by inventory:							
1 to 9							
.....farms, 2007	1,064	16	88	137	14	26	142
.....number, 2007	588	8	54	76	4	17	66
.....farms, 2002	4,300	32	386	553	(D)	128	620
.....number, 2002	2,567	(D)	(D)	(D)	(D)	(D)	308
10 to 19							
.....farms, 2007	360	-	46	60	2	18	44
.....number, 2007	233	-	32	33	4	9	32
.....farms, 2002	4,627	-	578	718	(D)	254	573
.....number, 2002	3,067	-	421	419	58	(D)	443
20 to 49							
.....farms, 2007	195	-	41	30	2	10	26
.....number, 2007	185	-	25	24	-	6	16
.....farms, 2002	5,780	-	1,214	835	(D)	366	721
.....number, 2002	5,501	-	817	736	-	138	440
50 to 99							
.....farms, 2007	96	-	9	15	1	1	20
.....number, 2007	115	-	7	14	1	7	27
.....farms, 2002	7,010	-	695	1,055	(D)	(D)	1,460
.....number, 2002	8,252	-	505	896	(D)	549	2,004
100 to 199							
.....farms, 2007	73	-	4	13	-	6	17
.....number, 2007	97	-	15	10	-	4	19
.....farms, 2002	9,861	-	506	1,691	-	813	2,124
.....number, 2002	13,754	-	1,984	1,326	-	(D)	2,877
200 to 499							
.....farms, 2007	38	-	6	2	-	2	13
.....number, 2007	46	-	8	3	-	2	11
.....farms, 2002	10,930	-	1,805	(D)	-	(D)	3,488
.....number, 2002	13,522	-	2,579	1,257	-	(D)	2,888
500 or more							
.....farms, 2007	6	-	3	1	-	-	-
.....number, 2007	5	-	2	1	-	-	-
.....farms, 2002	4,344	-	2,515	(D)	-	-	-
.....number, 2002	4,128	-	(D)	(D)	-	-	-
Cows and heifers that had calved							
.....farms, 2007	1,377	9	151	197	8	47	185
.....number, 2007	1,057	7	124	134	6	36	136
.....farms, 2002	23,696	22	4,050	2,874	(D)	1,175	4,619
.....number, 2002	27,967	(D)	4,733	3,123	(D)	1,036	5,092
Beef cows							
.....farms, 2007	1,173	6	128	182	7	41	132
.....number, 2007	775	4	89	106	6	28	75
.....farms, 2002	8,646	(D)	1,039	1,373	(D)	649	858
.....number, 2002	6,882	(D)	770	996	(D)	491	552
2007 farms by inventory:							
1 to 9							
.....farms	936	6	96	146	5	23	109
.....number	3,621	(D)	420	600	31	99	406
10 to 19							
.....farms	149	-	21	21	1	11	16
.....number	1,960	-	282	299	(D)	135	200
20 to 49							
.....farms	72	-	10	12	-	3	6
.....number	1,981	-	(D)	312	-	(D)	(D)
50 to 99							
.....farms	13	-	1	3	1	2	-
.....number	780	-	(D)	162	(D)	(D)	-
100 to 199							
.....farms	3	-	-	-	-	2	1
.....number	304	-	-	-	-	(D)	(D)
200 to 499							
.....farms	-	-	-	-	-	-	-
.....number	-	-	-	-	-	-	-
500 or more							
.....farms	-	-	-	-	-	-	-
.....number	-	-	-	-	-	-	-
Milk cows							
.....farms, 2007	310	3	42	21	1	7	70
.....number, 2007	380	5	56	32	-	8	78
.....farms, 2002	15,050	(D)	3,011	1,501	(D)	526	3,761
.....number, 2002	21,085	11	3,963	2,127	-	545	4,540
2007 farms by inventory:							
1 to 9							
.....farms	142	3	23	5	1	2	20
.....number	324	(D)	45	12	(D)	(D)	(D)
10 to 19							
.....farms	17	-	2	-	-	-	5
.....number	(D)	-	(D)	-	-	-	59
20 to 49							
.....farms	48	-	-	8	-	-	17
.....number	1,634	-	-	279	-	-	609
50 to 99							
.....farms	46	-	7	3	-	3	12
.....number	3,250	-	(D)	(D)	-	(D)	805
100 to 199							
.....farms	43	-	5	4	-	2	14
.....number	5,496	-	668	520	-	(D)	1,818
200 to 499							
.....farms	12	-	4	-	-	-	2
.....number	(D)	-	1,050	-	-	-	(D)
500 or more							
.....farms	2	-	1	1	-	-	-
.....number	(D)	-	(D)	(D)	-	-	-
Other cattle (see text)							
.....farms, 2007	1,304	7	165	171	18	49	207
.....number, 2007	932	1	106	115	8	36	138
.....farms, 2002	23,156	10	3,649	3,209	95	1,063	4,367
.....number, 2002	22,824	(D)	3,896	2,652	(D)	1,032	3,868
2007 farms by inventory:							
1 to 9							
.....farms	851	7	94	106	16	30	125
.....number	3,267	10	330	485	(D)	159	537
10 to 19							
.....farms	186	-	29	27	1	4	29
.....number	(D)	-	344	(D)	(D)	(D)	397
20 to 49							
.....farms	146	-	31	17	1	9	27
.....number	4,363	-	857	475	(D)	329	834
50 to 99							
.....farms	66	-	2	12	-	4	11
.....number	4,580	-	(D)	729	-	251	778
100 to 199							
.....farms	45	-	6	8	-	2	15
.....number	5,403	-	773	871	-	(D)	1,821
200 to 499							
.....farms	9	-	2	1	-	-	-
.....number	2,382	-	(D)	(D)	-	-	-
500 or more							
.....farms	1	-	1	-	-	-	-
.....number	(D)	-	(D)	-	-	-	-

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Table 11. Cattle and Calves - Inventory and Sales: 2007 and 2002 - Con.

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

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
INVENTORY								
Cattle and calves								
..... farms, 2007	107	194	119	2	52	93	-	450
..... farms, 2002	97	135	94	1	56	58	-	291
..... number, 2007	2,361	5,242	2,739	(D)	433	827	-	9,970
..... number, 2002	2,725	6,238	2,827	(D)	738	1,386	-	11,278
Farms by inventory:								
1 to 9								
..... farms, 2007	57	96	86	2	41	70	-	289
..... farms, 2002	49	52	50	1	44	33	-	134
..... number, 2007	238	418	337	(D)	138	201	-	1,181
..... number, 2002	(D)	(D)	214	(D)	(D)	(D)	-	(D)
10 to 19								
..... farms, 2007	25	51	18	-	3	17	-	76
..... farms, 2002	19	19	16	-	2	15	-	52
..... number, 2007	290	685	231	-	43	(D)	-	977
..... number, 2002	253	237	211	-	(D)	184	-	668
20 to 49								
..... farms, 2007	16	26	3	-	8	1	-	32
..... farms, 2002	14	33	13	-	7	3	-	44
..... number, 2007	431	783	(D)	-	252	(D)	-	999
..... number, 2002	476	933	374	-	267	104	-	1,216
50 to 99								
..... farms, 2007	4	8	4	-	-	5	-	29
..... farms, 2002	9	10	6	-	2	5	-	27
..... number, 2007	(D)	573	(D)	-	-	343	-	2,183
..... number, 2002	662	633	395	-	(D)	340	-	2,099
100 to 199								
..... farms, 2007	3	8	4	-	-	-	-	18
..... farms, 2002	5	14	6	-	1	1	-	22
..... number, 2007	418	1,365	533	-	-	-	-	2,411
..... number, 2002	717	2,042	777	-	(D)	(D)	-	3,227
200 to 499								
..... farms, 2007	2	5	3	-	-	-	-	5
..... farms, 2002	1	6	3	-	-	1	-	11
..... number, 2007	(D)	1,418	770	-	-	-	-	(D)
..... number, 2002	(D)	1,578	856	-	-	(D)	-	2,867
500 or more								
..... farms, 2007	-	-	1	-	-	-	-	1
..... farms, 2002	-	-	-	-	-	-	-	1
..... number, 2007	-	-	(D)	-	-	-	-	(D)
..... number, 2002	-	(D)	-	-	-	-	-	(D)
Cows and heifers that had calved								
..... farms, 2007	90	153	91	2	36	66	-	342
..... farms, 2002	81	114	79	-	43	44	-	253
..... number, 2007	1,273	2,773	1,283	(D)	253	380	-	4,847
..... number, 2002	1,617	3,423	1,449	-	460	687	-	6,254
Beef cows								
..... farms, 2007	81	129	84	2	30	55	-	296
..... farms, 2002	53	76	63	-	41	35	-	199
..... number, 2007	471	931	628	(D)	213	180	-	2,142
..... number, 2002	464	589	617	-	311	188	-	1,822
2007 farms by inventory:								
1 to 9								
..... farms	66	100	72	2	22	53	-	236
..... number	245	422	261	(D)	(D)	(D)	-	882
10 to 19								
..... farms	12	22	4	-	6	1	-	34
..... number	152	296	49	-	89	(D)	-	(D)
20 to 49								
..... farms	3	6	5	-	2	1	-	24
..... number	74	(D)	140	-	(D)	(D)	-	705
50 to 99								
..... farms	-	1	3	-	-	-	-	2
..... number	-	(D)	178	-	-	-	-	(D)
100 to 199								
..... farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-
200 to 499								
..... farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-
500 or more								
..... farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-
Milk cows								
..... farms, 2007	13	37	16	-	6	13	-	81
..... farms, 2002	32	45	20	-	11	11	-	82
..... number, 2007	802	1,842	655	-	40	200	-	2,705
..... number, 2002	1,153	2,834	832	-	149	499	-	4,432
2007 farms by inventory:								
1 to 9								
..... farms	3	14	11	-	5	7	-	48
..... number	9	(D)	12	-	(D)	17	-	(D)
10 to 19								
..... farms	3	2	-	-	-	3	-	2
..... number	41	(D)	-	-	-	39	-	(D)
20 to 49								
..... farms	1	7	-	-	1	2	-	12
..... number	(D)	218	-	-	(D)	(D)	-	386
50 to 99								
..... farms	3	5	2	-	-	1	-	10
..... number	229	373	(D)	-	-	(D)	-	688
100 to 199								
..... farms	2	8	2	-	-	-	-	6
..... number	(D)	943	(D)	-	-	-	-	727
200 to 499								
..... farms	1	1	1	-	-	-	-	3
..... number	(D)	(D)	(D)	-	-	-	-	782
500 or more								
..... farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-
Other cattle (see text)								
..... farms, 2007	77	141	72	-	24	66	-	307
..... farms, 2002	76	106	61	1	34	33	-	217
..... number, 2007	1,088	2,469	1,456	-	180	447	-	5,123
..... number, 2002	1,108	2,815	1,378	(D)	278	699	-	5,024
2007 farms by inventory:								
1 to 9								
..... farms	55	86	50	-	16	54	-	212
..... number	196	356	(D)	-	51	166	-	772
10 to 19								
..... farms	5	27	11	-	5	8	-	40
..... number	(D)	389	(D)	-	58	125	-	(D)
20 to 49								
..... farms	13	14	3	-	3	4	-	24
..... number	383	(D)	82	-	71	156	-	791
50 to 99								
..... farms	3	12	4	-	-	-	-	18
..... number	(D)	978	247	-	-	-	-	1,240
100 to 199								
..... farms	-	1	2	-	-	-	-	11
..... number	-	(D)	(D)	-	-	-	-	1,283
200 to 499								
..... farms	1	1	2	-	-	-	-	2
..... number	(D)	(D)	(D)	-	-	-	-	(D)
500 or more								
..... farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-

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Table 11. Cattle and Calves - Inventory and Sales: 2007 and 2002 - Con.

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
INVENTORY - Con.							
Cattle and calves - Con.							
Cattle on feed (see text) farms, 2007	34	-	1	13	2	1	2
..... farms, 2002	60	-	5	11	3	1	7
..... number, 2007	944	-	(D)	624	(D)	(D)	(D)
..... number, 2002	913	-	81	266	14	(D)	169
2007 farms by inventory:							
1 to 9 farms	19	-	-	6	2	-	2
..... number	(D)	-	-	28	(D)	-	(D)
10 to 19 farms	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-
20 to 49 farms	10	-	-	3	-	1	-
..... number	(D)	-	-	(D)	-	(D)	-
50 to 99 farms	4	-	1	3	-	-	-
..... number	300	-	(D)	(D)	-	-	-
100 to 199 farms	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-
200 to 499 farms	1	-	-	1	-	-	-
..... number	(D)	-	-	(D)	-	-	-
500 or more farms	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-
SALES							
Dairy products sold farms, 2007	310	1	41	21	1	10	69
..... farms, 2002	264	-	35	24	-	7	59
..... \$1,000, 2007	50,485	(D)	10,648	3,480	(D)	1,899	13,029
..... \$1,000, 2002	(D)	-	9,391	4,455	-	2,133	10,375
Cattle and calves sold farms, 2007	1,066	1	122	149	11	33	140
..... farms, 2002	795	7	96	97	7	33	119
..... number, 2007	20,405	(D)	2,646	3,817	(D)	1,325	2,886
..... number, 2002	19,125	18	2,694	2,072	65	752	4,519
..... \$1,000, 2007	12,444	(D)	1,548	2,178	105	1,160	1,577
..... \$1,000, 2002	9,612	12	1,337	1,140	21	286	3,029
2007 farms by number sold:							
1 to 9 farms	756	1	86	99	10	18	84
..... number	2,605	(D)	301	405	(D)	(D)	283
10 to 19 farms	111	-	14	21	-	3	14
..... number	1,469	-	(D)	277	-	38	186
20 to 49 farms	98	-	8	15	-	4	24
..... number	3,068	-	258	499	-	(D)	781
50 to 99 farms	65	-	7	10	1	6	11
..... number	4,253	-	467	562	(D)	477	745
100 to 199 farms	24	-	6	-	-	-	7
..... number	2,970	-	716	-	-	-	891
200 to 499 farms	7	-	-	2	-	2	-
..... number	1,946	-	-	(D)	-	(D)	-
500 or more farms	5	-	1	2	-	-	-
..... number	4,094	-	(D)	(D)	-	-	-
Calves weighing less than 500 pounds, sold farms, 2007	474	1	54	61	6	18	76
..... farms, 2002	395	3	43	42	2	15	68
..... number, 2007	8,416	(D)	1,357	1,072	(D)	374	1,584
..... number, 2002	8,646	3	1,345	770	(D)	389	1,704
2007 farms by number sold:							
1 to 9 farms	309	1	34	49	5	9	32
..... number	912	(D)	77	179	(D)	(D)	(D)
10 to 19 farms	52	-	5	2	-	2	16
..... number	692	-	78	(D)	-	(D)	227
20 to 49 farms	72	-	5	7	1	4	17
..... number	2,318	-	159	235	(D)	120	539
50 to 99 farms	27	-	7	-	-	3	10
..... number	1,705	-	442	-	-	196	637
100 to 199 farms	8	-	2	1	-	-	1
..... number	935	-	(D)	(D)	-	-	(D)
200 to 499 farms	6	-	1	2	-	-	-
..... number	1,854	-	(D)	(D)	-	-	-
500 or more farms	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-
Cattle, including calves weighing 500 pounds or more, sold farms, 2007	916	-	96	134	10	29	130
..... farms, 2002	722	4	87	89	7	28	116
..... number, 2007	11,989	-	1,289	2,745	106	951	1,302
..... number, 2002	10,479	15	1,349	1,302	(D)	363	2,815
2007 farms by number sold:							
1 to 9 farms	673	-	66	95	9	18	88
..... number	2,096	-	239	337	(D)	(D)	267
10 to 19 farms	108	-	14	15	-	2	23
..... number	1,404	-	200	200	-	(D)	285
20 to 49 farms	92	-	13	16	-	4	15
..... number	2,667	-	420	521	-	(D)	431
50 to 99 farms	33	-	2	5	1	3	3
..... number	2,302	-	(D)	277	(D)	270	(D)
100 to 199 farms	2	-	-	-	-	-	1
..... number	(D)	-	-	-	-	-	(D)
200 to 499 farms	4	-	1	1	-	2	-
..... number	(D)	-	(D)	(D)	-	(D)	-
500 or more farms	4	-	-	2	-	-	-
..... number	(D)	-	-	(D)	-	-	-

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Table 11. Cattle and Calves - Inventory and Sales: 2007 and 2002 - Con.

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

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
INVENTORY - Con.								
Cattle and calves - Con.								
Cattle on feed (see text) farms, 2007	-	-	2	-	-	-	-	13
..... farms, 2002	3	6	6	-	1	3	-	14
..... number, 2007	-	-	(D)	-	-	-	-	189
..... number, 2002	12	48	72	-	(D)	(D)	-	163
2007 farms by inventory:								
1 to 9 farms	-	-	2	-	-	-	-	7
..... number	-	-	(D)	-	-	-	-	29
10 to 19 farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-
20 to 49 farms	-	-	-	-	-	-	-	6
..... number	-	-	-	-	-	-	-	160
50 to 99 farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-
100 to 199 farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-
200 to 499 farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-
500 or more farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-
SALES								
Dairy products sold								
..... farms, 2007	13	37	16	-	7	13	-	81
..... farms, 2002	18	38	12	-	5	6	-	60
..... \$1,000, 2007	2,703	6,252	2,379	-	(D)	558	-	9,260
..... \$1,000, 2002	2,681	6,459	(D)	-	(D)	1,187	-	(D)
Cattle and calves sold								
..... farms, 2007	83	143	58	-	29	59	-	238
..... farms, 2002	65	82	62	-	20	32	-	175
..... number, 2007	878	1,583	1,025	-	126	425	-	5,555
..... number, 2002	989	2,772	1,452	-	216	274	-	3,302
..... \$1,000, 2007	879	801	570	-	(D)	369	-	3,185
..... \$1,000, 2002	368	822	950	-	72	123	-	1,452
2007 farms by number sold:								
1 to 9 farms	66	101	44	-	24	53	-	170
..... number	222	358	141	-	62	171	-	531
10 to 19 farms	8	20	5	-	5	3	-	18
..... number	100	248	(D)	-	64	43	-	(D)
20 to 49 farms	5	13	4	-	-	1	-	24
..... number	139	372	128	-	-	(D)	-	757
50 to 99 farms	2	9	2	-	-	2	-	15
..... number	(D)	605	(D)	-	-	(D)	-	864
100 to 199 farms	2	-	2	-	-	-	-	7
..... number	(D)	-	(D)	-	-	-	-	831
200 to 499 farms	-	-	1	-	-	-	-	2
..... number	-	-	(D)	-	-	-	-	(D)
500 or more farms	-	-	-	-	-	-	-	2
..... number	-	-	-	-	-	-	-	(D)
Calves weighing less than 500 pounds, sold								
..... farms, 2007	27	61	31	-	3	26	-	110
..... farms, 2002	31	50	25	-	12	13	-	91
..... number, 2007	368	670	513	-	15	121	-	2,309
..... number, 2002	514	1,541	627	-	(D)	122	-	1,460
2007 farms by number sold:								
1 to 9 farms	19	44	25	-	3	21	-	67
..... number	71	130	71	-	15	54	-	188
10 to 19 farms	4	3	1	-	-	5	-	14
..... number	53	30	(D)	-	-	67	-	176
20 to 49 farms	2	11	2	-	-	-	-	23
..... number	(D)	345	(D)	-	-	-	-	761
50 to 99 farms	-	3	2	-	-	-	-	2
..... number	-	165	(D)	-	-	-	-	(D)
100 to 199 farms	2	-	-	-	-	-	-	2
..... number	(D)	-	-	-	-	-	-	(D)
200 to 499 farms	-	-	1	-	-	-	-	2
..... number	-	-	(D)	-	-	-	-	(D)
500 or more farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-
Cattle, including calves weighing 500 pounds or more, sold								
..... farms, 2007	78	119	45	-	26	45	-	204
..... farms, 2002	58	76	56	-	18	26	-	157
..... number, 2007	510	913	512	-	111	304	-	3,246
..... number, 2002	475	1,231	825	-	(D)	152	-	1,842
2007 farms by number sold:								
1 to 9 farms	67	87	34	-	21	42	-	146
..... number	185	283	99	-	47	134	-	406
10 to 19 farms	6	16	4	-	5	1	-	22
..... number	(D)	(D)	(D)	-	64	(D)	-	(D)
20 to 49 farms	2	14	4	-	-	-	-	24
..... number	(D)	336	115	-	-	-	-	687
50 to 99 farms	3	2	2	-	-	2	-	10
..... number	185	(D)	(D)	-	-	(D)	-	766
100 to 199 farms	-	-	1	-	-	-	-	-
..... number	-	-	(D)	-	-	-	-	-
200 to 499 farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-
500 or more farms	-	-	-	-	-	-	-	2
..... number	-	-	-	-	-	-	-	(D)

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Table 11. Cattle and Calves - Inventory and Sales: 2007 and 2002 - Con.

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin	
SALES - Con.								
Cattle and calves sold - Con.								
Cattle, including calves weighing 500 pounds or more, sold - Con.								
Cattle on feed sold (see text) .....farms, 2007	121	-	13	21	-	2	12	
.....farms, 2002	163	2	19	28	4	8	21	
.....number, 2007	948	-	81	385	-	(D)	(D)	
.....number, 2002	950	(D)	83	217	10	(D)	182	
2007 farms by number sold:								
1 to 9 farms	104	-	12	15	-	1	11	
..... number	(D)	-	(D)	80	-	(D)	(D)	
10 to 19 farms	3	-	-	-	-	1	1	
..... number	40	-	-	-	-	(D)	(D)	
20 to 49 farms	10	-	1	2	-	-	-	
..... number	(D)	-	(D)	(D)	-	-	-	
50 to 99 farms	3	-	-	3	-	-	-	
..... number	165	-	-	165	-	-	-	
100 to 199 farms	1	-	-	1	-	-	-	
..... number	(D)	-	-	(D)	-	-	-	
200 to 499 farms	-	-	-	-	-	-	-	
..... number	-	-	-	-	-	-	-	
500 or more farms	-	-	-	-	-	-	-	
..... number	-	-	-	-	-	-	-	
Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
SALES - Con.								
Cattle and calves sold - Con.								
Cattle, including calves weighing 500 pounds or more, sold - Con.								
Cattle on feed sold (see text) .....farms, 2007	11	14	6	-	-	7	-	35
.....farms, 2002	10	15	15	-	1	9	-	31
.....number, 2007	31	33	51	-	-	19	-	281
.....number, 2002	30	91	73	-	(D)	34	-	182
2007 farms by number sold:								
1 to 9 farms	11	14	5	-	-	7	-	28
..... number	31	33	(D)	-	-	19	-	(D)
10 to 19 farms	-	-	-	-	-	-	-	1
..... number	-	-	-	-	-	-	-	(D)
20 to 49 farms	-	-	1	-	-	-	-	6
..... number	-	-	(D)	-	-	-	-	170
50 to 99 farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-
100 to 199 farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-
200 to 499 farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-
500 or more farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-

Table 12. Hogs and Pigs - Inventory and Sales: 2007 and 2002

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin	
INVENTORY								
Total hogs and pigs	farms, 2007	453	14	50	54	8	16	36
	2002	273	7	27	35	7	19	12
	number, 2007	11,553	(D)	652	1,054	111	317	895
	2002	11,434	(D)	224	1,484	61	404	144
Farms by inventory:								
1 to 24	farms, 2007	368	12	43	44	8	9	29
	2002	215	5	26	23	7	17	8
	number, 2007	2,043	(D)	356	421	111	17	(D)
	2002	1,152	(D)	109	109	61	(D)	32
25 to 49	farms, 2007	34	-	6	2	-	7	-
	2002	27	2	1	6	-	6	4
	number, 2007	1,277	-	(D)	(D)	-	300	-
	2002	922	(D)	(D)	184	-	-	112
50 to 99	farms, 2007	31	-	-	6	-	-	6
	2002	7	-	-	-	-	1	-
	number, 2007	1,955	-	-	(D)	-	(D)	546
	2002	(D)	-	-	-	-	-	-
100 to 199	farms, 2007	11	2	1	2	-	-	-
	2002	8	-	-	3	-	-	-
	number, 2007	1,500	(D)	(D)	(D)	-	-	-
	2002	1,100	-	-	385	-	-	-
200 to 499	farms, 2007	6	-	-	-	-	-	1
	2002	10	-	-	3	-	1	-
	number, 2007	(D)	-	-	-	-	-	(D)
	2002	2,645	-	-	806	-	(D)	-
500 to 999	farms, 2007	1	-	-	-	-	-	-
	2002	4	-	-	-	-	-	-
	number, 2007	(D)	-	-	-	-	-	-
	2002	(D)	-	-	-	-	-	-
1,000 or more	farms, 2007	2	-	-	-	-	-	-
	2002	2	-	-	-	-	-	-
	number, 2007	(D)	-	-	-	-	-	-
	2002	(D)	-	-	-	-	-	-
Hogs and pigs used or to be used for breeding	farms, 2007	212	3	36	27	8	4	19
	2002	137	7	13	19	4	6	6
	number, 2007	2,163	(D)	198	224	30	132	137
	2002	1,916	(D)	52	238	16	53	70
2007 farms by inventory:								
1 to 24	farms	190	2	36	24	8	-	18
25 to 49	farms	15	1	-	3	-	4	1
50 to 99	farms	5	-	-	-	-	-	-
100 or more	farms	2	-	-	-	-	-	-
Other hogs and pigs	farms, 2007	402	14	46	42	7	16	30
	2002	225	4	26	27	5	17	11
	number, 2007	9,390	(D)	454	830	81	185	758
	2002	9,518	60	172	1,246	45	351	74
SALES								
Hogs and pigs sold	farms, 2007	350	11	38	46	13	18	31
	2002	250	5	21	35	8	17	12
	number, 2007	17,955	(D)	709	2,072	304	816	813
	2002	18,594	94	213	2,577	64	651	290
	\$1,000, 2007	2,108	(D)	51	165	33	42	88
	2002	(D)	4	16	(D)	5	46	14
2007 farms by number sold:								
1 to 24	farms	238	9	25	27	9	11	22
	number	1,464	13	223	241	44	54	121
25 to 49	farms	38	-	11	9	-	-	2
	number	1,200	-	(D)	255	-	-	(D)
50 to 99	farms	39	-	2	1	4	3	6
	number	2,621	-	(D)	(D)	260	162	462
100 to 199	farms	22	2	-	4	-	4	1
	number	2,798	(D)	-	(D)	-	600	(D)
200 to 499	farms	9	-	-	5	-	-	-
	number	2,100	-	-	1,050	-	-	-
500 to 999	farms	1	-	-	-	-	-	-
	number	(D)	-	-	-	-	-	-
1,000 or more	farms	3	-	-	-	-	-	-
	number	(D)	-	-	-	-	-	-

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Table 12. Hogs and Pigs - Inventory and Sales: 2007 and 2002 - Con.

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

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
INVENTORY								
Total hogs and pigs	22	26	45	-	9	45	-	128
.....farms, 2007	22	26	45	-	9	45	-	128
.....farms, 2002	20	18	33	-	9	18	-	68
.....number, 2007	161	1,918	1,431	-	(D)	1,311	-	2,849
.....number, 2002	131	1,325	2,214	-	(D)	2,289	-	2,397
Farms by inventory:								
1 to 24	22	15	38	-	8	41	-	99
.....farms, 2007	22	15	38	-	8	41	-	99
.....farms, 2002	19	15	28	-	7	14	-	46
.....number, 2007	161	(D)	(D)	-	41	114	-	408
.....number, 2002	(D)	(D)	(D)	-	(D)	44	-	260
25 to 49	-	4	5	-	-	-	-	10
.....farms, 2007	-	4	5	-	-	-	-	10
.....farms, 2002	1	2	-	-	-	-	-	11
.....number, 2007	-	(D)	175	-	-	-	-	366
.....number, 2002	(D)	(D)	-	-	-	-	-	415
50 to 99	-	6	1	-	-	-	-	12
.....farms, 2007	-	6	1	-	-	-	-	12
.....farms, 2002	-	-	1	-	1	-	-	4
.....number, 2007	-	300	(D)	-	(D)	-	-	725
.....number, 2002	-	-	(D)	-	-	-	-	(D)
100 to 199	-	-	-	-	-	2	-	4
.....farms, 2007	-	-	-	-	-	2	-	4
.....farms, 2002	-	-	2	-	-	-	-	3
.....number, 2007	-	-	(D)	-	-	(D)	-	500
.....number, 2002	-	-	(D)	-	-	-	-	(D)
200 to 499	-	-	-	-	1	1	-	3
.....farms, 2007	-	-	-	-	1	1	-	3
.....farms, 2002	-	-	1	-	-	1	-	4
.....number, 2007	-	-	-	-	(D)	(D)	-	850
.....number, 2002	-	-	(D)	-	-	(D)	-	979
500 to 999	-	-	-	-	-	1	-	-
.....farms, 2007	-	-	-	-	-	1	-	-
.....farms, 2002	-	-	-	-	1	3	-	-
.....number, 2007	-	-	-	-	-	(D)	-	-
.....number, 2002	-	-	-	-	(D)	(D)	-	-
1,000 or more	-	1	1	-	-	-	-	-
.....farms, 2007	-	1	1	-	-	-	-	-
.....farms, 2002	-	1	1	-	-	-	-	-
.....number, 2007	-	(D)	(D)	-	-	-	-	-
.....number, 2002	-	(D)	(D)	-	-	-	-	-
Hogs and pigs used or to be used for breeding								
.....farms, 2007	6	19	11	-	2	21	-	56
.....farms, 2002	5	7	19	-	4	8	-	39
.....number, 2007	16	383	125	-	(D)	166	-	639
.....number, 2002	23	(D)	172	-	(D)	241	-	702
2007 farms by inventory:								
1 to 24	6	18	10	-	1	19	-	48
.....farms	6	18	10	-	1	19	-	48
25 to 49	-	-	-	-	-	1	-	5
.....farms	-	-	-	-	-	1	-	5
50 to 99	-	-	-	-	1	1	-	3
.....farms	-	-	-	-	1	1	-	3
100 or more	-	1	1	-	-	-	-	-
.....farms	-	1	1	-	-	-	-	-
Other hogs and pigs								
.....farms, 2007	20	24	38	-	9	34	-	122
.....farms, 2002	18	16	21	-	9	16	-	55
.....number, 2007	145	1,535	1,306	-	(D)	1,145	-	2,210
.....number, 2002	108	(D)	2,042	-	(D)	2,048	-	1,695
SALES								
Hogs and pigs sold	17	26	28	-	8	25	-	89
.....farms, 2007	17	26	28	-	8	25	-	89
.....farms, 2002	13	13	34	-	9	15	-	68
.....number, 2007	166	5,110	2,906	-	(D)	674	-	3,952
.....number, 2002	279	(D)	(D)	-	(D)	1,631	-	3,114
.....\$1,000, 2007	21	606	454	-	(D)	53	-	558
.....\$1,000, 2002	(D)	(D)	472	-	(D)	142	-	232
2007 farms by number sold:								
1 to 24	17	12	20	-	7	21	-	58
.....farms	17	12	20	-	7	21	-	58
.....number	166	63	119	-	20	58	-	342
25 to 49	-	3	5	-	-	-	-	8
.....farms	-	3	5	-	-	-	-	8
.....number	-	(D)	(D)	-	-	-	-	233
50 to 99	-	10	1	-	-	1	-	11
.....farms	-	10	1	-	-	1	-	11
.....number	-	(D)	(D)	-	-	(D)	-	(D)
100 to 199	-	-	-	-	1	1	-	9
.....farms	-	-	-	-	1	1	-	9
.....number	-	-	-	-	(D)	(D)	-	1,077
200 to 499	-	-	-	-	-	2	-	2
.....farms	-	-	-	-	-	2	-	2
.....number	-	-	-	-	-	(D)	-	(D)
500 to 999	-	-	-	-	-	-	-	1
.....farms	-	-	-	-	-	-	-	1
.....number	-	-	-	-	-	-	-	(D)
1,000 or more	-	1	2	-	-	-	-	-
.....farms	-	1	2	-	-	-	-	-
.....number	-	(D)	(D)	-	-	-	-	-

Table 13. Poultry - Inventory and Sales: 2007 and 2002

[Data include poultry sold and moved off the farm. For meaning of abbreviations and symbols, see introductory text]

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
INVENTORY							
Any poultry farms, 2007	1,552	62	125	180	26	105	158
..... farms, 2002	1,030	30	83	133	21	68	114
Layers (see text) farms, 2007	1,354	57	122	154	21	80	139
..... farms, 2002	846	27	78	104	21	58	85
..... number, 2007	139,764	1,520	3,087	8,542	(D)	4,305	16,045
..... number, 2002	319,358	1,059	25,690	7,004	703	3,353	14,295
2007 farms by inventory:							
1 to 49	1,173	46	109	117	14	66	126
50 to 99	111	9	11	24	3	8	7
100 to 399	55	2	2	10	3	4	5
400 to 3,199	11	-	-	3	1	2	-
3,200 to 9,999	2	-	-	-	-	-	-
10,000 to 19,999	1	-	-	-	-	-	1
20,000 to 49,999	-	-	-	-	-	-	-
50,000 to 99,999	1	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-	-
Pullets for laying flock replacement farms, 2007	182	11	18	18	-	8	12
..... farms, 2002	212	6	17	19	8	16	19
..... number, 2007	(D)	215	202	(D)	-	(D)	155
..... number, 2002	57,953	165	255	340	379	(D)	(D)
Broilers and other meat-type chickens farms, 2007	114	3	16	16	-	5	14
..... farms, 2002	152	5	10	21	-	3	29
..... number, 2007	(D)	55	442	587	-	(D)	1,524
..... number, 2002	(D)	110	680	671	-	21	2,726
Turkeys (see text) farms, 2007	198	5	18	24	3	11	12
..... farms, 2002	157	2	9	30	-	9	15
..... number, 2007	17,501	(D)	159	432	(D)	7,573	(D)
..... number, 2002	18,623	(D)	70	556	-	(D)	(D)
Ducks, geese, and other poultry species (see text) farms, 2007	655	32	70	76	12	45	78
..... farms, 2002	389	4	31	56	9	26	46
SALES							
Any poultry sold (see text) farms, 2007	1,269	43	103	168	23	75	134
..... farms, 2002	565	13	37	71	20	40	62
Layers and pullets sold farms, 2007	232	3	17	16	6	16	22
..... farms, 2002	205	-	14	26	7	13	21
..... number, 2007	203,401	28	386	4,403	788	358	(D)
..... number, 2002	344,424	-	(D)	(D)	161	3,537	1,002
Layers sold (see text) farms, 2007	224	3	17	16	6	16	20
..... farms, 2002	185	-	14	20	7	12	18
..... number, 2007	(D)	28	386	(D)	788	358	(D)
..... number, 2002	(D)	-	(D)	2,154	161	(D)	904
Pullets for laying flock replacement sold farms, 2007	20	-	-	1	-	-	2
..... farms, 2002	48	-	3	8	-	6	5
..... number, 2007	(D)	-	-	(D)	-	-	(D)
..... number, 2002	(D)	-	108	(D)	-	(D)	98
Broilers and other meat-type chickens sold farms, 2007	94	1	4	5	7	-	10
..... farms, 2002	81	-	9	11	4	3	15
..... number, 2007	17,330	(D)	24	220	2,100	-	3,310
..... number, 2002	29,424	-	6,550	(D)	494	31	(D)
2007 farms by number sold:							
1 to 1,999	94	1	4	5	7	-	10
2,000 to 59,999	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-
500,000 or more	-	-	-	-	-	-	-
Turkeys sold (see text) farms, 2007	125	1	5	14	2	5	3
..... farms, 2002	108	-	4	16	2	10	8
..... number, 2007	62,243	(D)	58	(D)	(D)	(D)	(D)
..... number, 2002	64,393	-	130	(D)	(D)	(D)	(D)
Ducks, geese, and other poultry species sold (see text) farms, 2007	140	4	8	15	5	4	18
..... farms, 2002	110	-	4	19	5	8	6

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Table 13. Poultry - Inventory and Sales: 2007 and 2002 - Con.

[Data include poultry sold and moved off the farm. For meaning of abbreviations and symbols, see introductory text]

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
INVENTORY								
Any poultry .....farms, 2007	81	119	136	2	58	106	-	394
.....farms, 2002	64	79	96	1	49	70	1	221
Layers (see text) .....farms, 2007	70	103	117	2	52	86	-	351
.....farms, 2002	56	58	85	-	42	59	1	172
number, 2007	3,273	2,893	10,626	(D)	1,490	2,433	-	84,028
.....number, 2002	(D)	1,422	9,011	-	3,728	2,008	(D)	(D)
2007 farms by inventory:								
1 to 49	62	90	102	2	46	74	-	319
50 to 99	5	8	6	-	4	9	-	17
100 to 399	2	5	5	-	2	3	-	12
400 to 3,199	1	-	3	-	-	-	-	1
3,200 to 9,999	-	-	1	-	-	-	-	1
10,000 to 19,999	-	-	-	-	-	-	-	-
20,000 to 49,999	-	-	-	-	-	-	-	-
50,000 to 99,999	-	-	-	-	-	-	-	1
100,000 or more	-	-	-	-	-	-	-	-
Pullets for laying flock replacement .....farms, 2007	13	12	18	-	6	15	-	51
.....farms, 2002	16	23	13	-	14	12	-	49
number, 2007	479	723	906	-	174	476	-	1,260
.....number, 2002	197	474	1,391	-	322	299	-	(D)
Broilers and other meat-type chickens .....farms, 2007	10	4	8	-	6	-	-	32
.....farms, 2002	18	13	8	1	6	5	-	33
number, 2007	3,366	120	435	-	465	-	-	2,950
.....number, 2002	634	(D)	900	(D)	158	171	-	1,200
Turkeys (see text) .....farms, 2007	12	5	12	-	11	10	-	75
.....farms, 2002	6	5	22	-	10	11	-	38
number, 2007	392	66	(D)	-	139	239	-	2,750
.....number, 2002	178	(D)	5,354	-	179	(D)	-	1,261
Ducks, geese, and other poultry species (see text) .....farms, 2007	20	39	52	-	23	50	-	158
.....farms, 2002	22	34	35	-	17	24	-	85
SALES								
Any poultry sold (see text) .....farms, 2007	77	93	115	2	54	89	-	293
.....farms, 2002	27	32	59	-	31	45	-	128
Layers and pullets sold .....farms, 2007	18	15	23	-	20	12	-	64
.....farms, 2002	11	15	21	-	14	13	-	50
number, 2007	1,225	301	5,777	-	631	386	-	(D)
.....number, 2002	372	252	7,600	-	1,723	562	-	(D)
Layers sold (see text) .....farms, 2007	18	13	20	-	20	12	-	63
.....farms, 2002	8	14	21	-	14	12	-	45
number, 2007	1,225	201	5,219	-	(D)	(D)	-	(D)
.....number, 2002	174	162	(D)	-	(D)	(D)	-	(D)
Pullets for laying flock replacement sold .....farms, 2007	-	6	3	-	1	1	-	6
.....farms, 2002	6	4	4	-	1	1	-	10
number, 2007	-	100	558	-	(D)	(D)	-	(D)
.....number, 2002	198	90	(D)	-	(D)	(D)	-	(D)
Broilers and other meat-type chickens sold .....farms, 2007	19	5	7	-	4	5	-	27
.....farms, 2002	5	6	7	-	5	2	-	14
number, 2007	4,440	(D)	863	-	(D)	110	-	5,378
.....number, 2002	78	48	1,269	-	(D)	(D)	-	1,255
2007 farms by number sold:								
1 to 1,999	19	5	7	-	4	5	-	27
2,000 to 59,999	-	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-	-
500,000 or more	-	-	-	-	-	-	-	-
Turkeys sold (see text) .....farms, 2007	12	2	19	-	14	12	-	36
.....farms, 2002	5	12	15	-	5	9	-	22
number, 2007	2,111	(D)	12,920	-	301	(D)	-	13,708
.....number, 2002	(D)	1,014	5,336	-	156	(D)	-	(D)
Ducks, geese, and other poultry species sold (see text) .....farms, 2007	7	9	12	-	11	14	-	33
.....farms, 2002	5	8	17	-	3	8	-	27

Table 14. Miscellaneous Poultry - Inventory and Number Sold: 2007 and 2002

[Data include poultry sold and moved off the farm. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
DUCKS				
State Total				
Massachusetts	2007	6,023	77	1,632
	2002	5,420	65	7,927
Counties, 2007				
Barnstable	23	152	1	(D)
Berkshire	56	522	8	101
Bristol	53	1,524	4	(D)
Dukes	6	72	4	(D)
Essex	16	1,104	3	75
Franklin	43	530	7	130
Hampden	13	292	5	26
Hampshire	28	323	6	126
Middlesex	34	259	8	150
Norfolk	7	265	5	169
Plymouth	27	136	8	64
Worcester	97	844	18	215
EMUS				
State Total				
Massachusetts	2007	454	10	155
	2002	505	5	234
Counties, 2007				
Berkshire	2	(D)	-	-
Bristol	10	342	5	58
Essex	1	(D)	-	-
Franklin	6	96	2	(D)
Hampshire	3	6	-	-
Middlesex	1	(D)	-	-
Worcester	1	(D)	3	(D)
GEESE				
State Total				
Massachusetts	2007	1,348	15	76
	2002	1,391	33	213
Counties, 2007				
Barnstable	11	47	3	18
Berkshire	21	98	-	-
Bristol	29	222	-	-
Dukes	5	102	-	-
Essex	11	76	3	21
Franklin	17	110	2	(D)
Hampden	9	58	-	-
Hampshire	4	17	-	-
Middlesex	16	57	2	(D)
Norfolk	7	48	3	17
Plymouth	16	56	-	-
Worcester	53	457	2	(D)
OSTRICHES				
State Total				
Massachusetts	2007	(D)	-	-
	2002	20	-	-
Counties, 2007				
Bristol	1	(D)	-	-
Middlesex	1	(D)	-	-
PHEASANTS				
State Total				
Massachusetts	2007	(D)	23	(D)
	2002	17,301	16	18,180
Counties, 2007				
Bristol	14	206	3	30
Essex	6	33	4	87
Franklin	9	(D)	5	(D)
Hampden	6	72	2	(D)
Hampshire	4	8	-	-
Middlesex	2	(D)	-	-
Norfolk	6	76	4	280
Plymouth	8	42	-	-
Worcester	12	1,321	5	1,640

--continued

Table 14. Miscellaneous Poultry - Inventory and Number Sold: 2007 and 2002 - Con.

[Data include poultry sold and moved off the farm. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold		
	Farms	Number	Farms	Number	
PIGEONS OR SQUAB					
State Total					
Massachusetts	2007	46	3,358	6	1,808
2002	27	1,810	7	455	
Counties, 2007					
Berkshire	9	66	-	-	
Bristol	8	1,212	1	(D)	
Essex	1	(D)	-	-	
Hampden	3	(D)	-	-	
Middlesex	1	(D)	-	-	
Norfolk	4	71	1	(D)	
Plymouth	3	(D)	-	-	
Worcester	17	1,618	4	(D)	
QUAIL					
State Total					
Massachusetts	2007	42	(D)	13	4,949
2002	24	(D)	11	22,880	
Counties, 2007					
Barnstable	4	212	-	-	
Bristol	10	489	2	(D)	
Essex	6	(D)	4	600	
Franklin	6	4,018	2	(D)	
Norfolk	4	140	4	140	
Plymouth	1	(D)	-	-	
Worcester	11	164	1	(D)	
OTHER POULTRY (SEE TEXT)					
State Total					
Massachusetts	2007	321	18,287	49	12,209
2002	119	3,984	29	2,686	
Counties, 2007					
Barnstable	10	47	-	-	
Berkshire	24	280	-	-	
Bristol	32	517	4	20	
Dukes	8	92	1	(D)	
Essex	33	716	3	6	
Franklin	41	(D)	5	(D)	
Hampden	14	786	2	(D)	
Hampshire	9	112	3	87	
Middlesex	19	171	3	62	
Norfolk	13	(D)	4	48	
Plymouth	38	794	6	327	
Worcester	80	5,750	18	(D)	
POULTRY HATCHED (SEE TEXT)					
State Total					
Massachusetts	2007	(X)	(X)	227	110,589
2002	(X)	(X)	(X)	201	374,716
Counties, 2007					
Barnstable	(X)	(X)	4	22	
Berkshire	(X)	(X)	20	342	
Bristol	(X)	(X)	30	3,030	
Dukes	(X)	(X)	1	(D)	
Essex	(X)	(X)	19	(D)	
Franklin	(X)	(X)	35	(D)	
Hampden	(X)	(X)	13	1,080	
Hampshire	(X)	(X)	8	277	
Middlesex	(X)	(X)	16	516	
Nantucket	(X)	(X)	-	-	
Norfolk	(X)	(X)	8	(D)	
Plymouth	(X)	(X)	23	968	
Suffolk	(X)	(X)	-	-	
Worcester	(X)	(X)	50	29,177	

Table 15. Horses and Ponies - Inventory and Number Sold: 2007 and 2002

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

Geographic area	Inventory				Sold			
	Total		Owned		Total		Owned	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
STATE TOTAL								
Massachusetts 2007	2,369	20,580	2,100	12,938	477	3,009	327	1,233
..... 2002	1,890	15,498	(NA)	(NA)	315	2,186	(NA)	(NA)
COUNTIES, 2007								
Barnstable	69	656	57	336	13	(D)	6	(D)
Berkshire	177	1,390	146	878	34	213	15	172
Bristol	222	1,798	197	1,171	50	223	32	132
Dukes	23	167	20	120	2	(D)	2	(D)
Essex	225	2,284	208	1,386	41	185	21	93
Franklin	218	1,250	187	900	32	72	25	53
Hampden	141	1,181	119	891	27	134	23	130
Hampshire	210	1,495	182	1,009	38	1,278	28	57
Middlesex	250	2,908	226	1,643	65	308	52	275
Nantucket	3	(D)	3	(D)	-	-	-	-
Norfolk	99	1,171	93	631	32	77	25	43
Plymouth	238	2,404	230	1,477	46	180	31	88
Suffolk	1	(D)	1	(D)	1	(D)	1	(D)
Worcester	493	3,849	431	2,477	96	314	66	176

Table 16. Sheep and Lambs - Inventory, Wool Production, and Number Sold: 2007 and 2002

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

Item		County							
		Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin	
Sheep and lambs inventory	farms, 2007	734	29	64	98	19	31	75	
	2002	514	10	46	57	16	33	39	
	number, 2007	11,787	294	1,050	1,299	457	(D)	1,282	
	2002	9,592	185	1,016	881	378	(D)	943	
2007 farms by inventory:									
1 to 24	farms	607	27	57	83	13	29	54	
	number	5,068	(D)	554	652	(D)	148	442	
25 to 99	farms	116	2	6	15	4	2	21	
	number	4,952	(D)	(D)	647	132	(D)	840	
100 to 299	farms	10	-	1	-	2	-	-	
	number	(D)	-	(D)	-	(D)	-	-	
300 to 999	farms	1	-	-	-	-	-	-	
	number	(D)	-	-	-	-	-	-	
1,000 or more	farms	-	-	-	-	-	-	-	
	number	-	-	-	-	-	-	-	
Ewes 1 year old or older	farms, 2007	615	27	54	73	15	23	59	
	2002	458	10	43	44	16	29	38	
	number, 2007	7,537	191	729	745	325	132	752	
	2002	6,267	126	762	444	274	253	569	
Wool production	farms, 2007	434	18	42	53	14	14	35	
	2002	274	9	23	24	14	16	22	
	pounds, 2007	63,971	1,545	5,142	5,819	2,936	1,551	5,755	
	2002	45,411	868	5,391	2,984	2,243	1,222	3,612	
Sheep and lambs sold	farms, 2007	348	9	21	48	8	11	35	
	2002	271	2	22	25	13	18	26	
	number, 2007	8,182	107	638	665	269	97	642	
	2002	6,307	(D)	667	477	237	(D)	489	
Item		County							
		Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Sheep and lambs inventory	farms, 2007	36	45	70	2	25	67	-	173
	2002	35	52	55	-	12	35	-	124
	number, 2007	455	1,658	1,011	(D)	379	568	-	3,102
	2002	568	1,733	816	-	294	558	-	1,862
2007 farms by inventory:									
1 to 24	farms	29	30	56	2	21	62	-	144
	number	222	279	(D)	(D)	227	433	-	1,296
25 to 99	farms	7	12	13	-	4	5	-	25
	number	233	749	466	-	152	135	-	1,176
100 to 299	farms	-	2	1	-	-	-	-	4
	number	-	(D)	(D)	-	-	-	-	630
300 to 999	farms	-	1	-	-	-	-	-	-
	number	-	(D)	-	-	-	-	-	-
1,000 or more	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Ewes 1 year old or older	farms, 2007	27	41	60	-	25	52	-	159
	2002	34	45	51	-	10	31	-	107
	number, 2007	281	1,211	590	-	287	396	-	1,898
	2002	354	1,273	596	-	150	322	-	1,144
Wool production	farms, 2007	14	34	52	-	18	31	-	109
	2002	20	29	31	-	6	16	-	64
	pounds, 2007	1,635	9,832	4,759	-	2,743	3,945	-	18,309
	2002	1,941	9,513	5,349	-	981	2,609	-	8,698
Sheep and lambs sold	farms, 2007	25	33	33	-	19	25	-	81
	2002	25	22	31	-	8	16	-	63
	number, 2007	212	1,077	1,144	-	317	261	-	2,753
	2002	248	971	1,799	-	230	222	-	725

Table 17. All Goats - Inventory and Number Sold: 2007 and 2002

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

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
STATE TOTAL				
Massachusetts 2007	808	8,226	197	3,411
..... 2002	394	6,022	133	2,211
COUNTIES, 2007				
Barnstable	35	126	2	(D)
Berkshire	59	275	4	22
Bristol	130	1,101	33	389
Dukes	8	(D)	4	68
Essex	28	269	7	302
Franklin	86	788	20	264
Hampden	54	650	20	273
Hampshire	56	526	10	104
Middlesex	68	418	18	121
Nantucket	2	(D)	-	-
Norfolk	34	160	11	83
Plymouth	53	289	8	(D)
Worcester	195	3,582	60	1,733

Table 18. Milk Goats - Inventory and Number Sold: 2007 and 2002

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

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
STATE TOTAL				
Massachusetts 2007	271	2,467	81	870
..... 2002	163	1,541	63	596
COUNTIES, 2007				
Barnstable	7	29	1	(D)
Berkshire	18	91	1	(D)
Bristol	56	617	12	215
Dukes	5	15	3	(D)
Essex	13	144	6	(D)
Franklin	33	296	9	161
Hampden	15	253	10	151
Hampshire	16	157	4	36
Middlesex	22	108	8	36
Norfolk	7	18	4	8
Plymouth	16	120	-	-
Worcester	63	619	23	(D)

Table 19. Angora Goats - Inventory, Number Sold, and Mohair Production: 2007 and 2002

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

Geographic area	Angora goats				Mohair production ¹	
	Inventory		Sold		Farms	Pounds
	Farms	Number	Farms	Number		
STATE TOTAL						
Massachusetts 2007	76	411	10	34	44	2,624
..... 2002	48	397	11	125	22	2,077
COUNTIES, 2007						
Barnstable	8	(D)	-	-	8	230
Berkshire	10	31	1	(D)	4	150
Bristol	8	35	1	(D)	1	(D)
Dukes	1	(D)	-	-	-	-
Franklin	12	114	2	(D)	10	1,022
Hampden	6	22	-	-	2	(D)
Hampshire	3	15	-	-	2	(D)
Middlesex	6	62	3	4	4	380
Plymouth	2	(D)	2	(D)	2	(D)
Worcester	20	87	1	(D)	11	478

¹ Data are for farms with production, not necessarily sold.

Table 20. Meat Goats and Other Goats - Inventory and Number Sold: 2007 and 2002

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

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
STATE TOTAL				
Massachusetts	579	5,348	126	2,507
..... 2007				
..... 2002	259	4,084	76	1,490
COUNTIES, 2007				
Barnstable	22	(D)	1	(D)
Berkshire	42	153	2	(D)
Bristol	88	449	22	(D)
Dukes	5	(D)	4	(D)
Essex	18	125	4	(D)
Franklin	54	378	9	(D)
Hampden	41	375	12	122
Hampshire	42	354	6	68
Middlesex	46	248	8	81
Nantucket	2	(D)	-	-
Norfolk	30	142	7	75
Plymouth	45	(D)	6	(D)
Worcester	144	2,876	45	1,583

Table 21. Colonies of Bees and Honey Collected - Inventory, Number Sold, and Honey Collected: 2007 and 2002

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

Geographic area	Colonies of bees				Honey collected (see text) ¹	
	Inventory		Sold		Farms	Pounds
	Farms	Number	Farms	Number		
STATE TOTAL						
Massachusetts	367	8,255	15	244	246	436,623
..... 2007						
..... 2002	214	2,966	6	1,635	147	167,566
COUNTIES, 2007						
Barnstable	24	281	-	-	21	11,216
Berkshire	16	98	3	13	11	3,765
Bristol	47	(D)	2	(D)	27	(D)
Dukes	3	5	-	-	2	(D)
Essex	36	360	-	-	29	12,253
Franklin	22	447	3	70	17	19,755
Hampden	10	181	-	-	8	7,949
Hampshire	24	(D)	2	(D)	17	4,170
Middlesex	42	2,090	-	-	26	128,806
Norfolk	14	108	-	-	8	3,060
Plymouth	23	281	3	12	7	12,876
Worcester	106	505	2	(D)	73	(D)

¹ Data are for farms with production, not necessarily sold.

Table 22. Mink and Their Pelts - Inventory and Number Sold: 2007 and 2002

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

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
STATE TOTAL				
Massachusetts	1	(D)	1	(D)
..... 2007				
..... 2002	1	(D)	1	(D)
COUNTIES, 2007				
Berkshire	1	(D)	1	(D)

Table 23. Aquaculture Sold: 2007 and 2002

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

Geographic area	Farms with aquaculture sold	Value (\$1,000)	Farms reporting by -			
			Pounds sold		Number sold	
			Farms	1,000 Pounds	Farms	Thousands
TROUT						
State Total						
Massachusetts .....2007	18	3,455	9	(D)	11	1,379
.....2002	12	(NA)	6	43	7	694
Counties, 2007						
Barnstable	3	530	2	(D)	1	(D)
Dukes	1	(D)	1	(D)	-	-
Franklin	5	(D)	1	(D)	4	(D)
Hampshire	4	(D)	2	(D)	2	(D)
Plymouth	3	(D)	3	(D)	2	(D)
Worcester	2	(D)	-	-	2	(D)
OTHER FOOD FISH (SEE TEXT)						
State Total						
Massachusetts .....2007	7	3,802	1	(D)	6	6,822
.....2002	3	(NA)	-	-	3	111
Counties, 2007						
Bristol	2	(D)	-	-	2	(D)
Essex	1	(D)	-	-	1	(D)
Franklin	2	(D)	1	(D)	1	(D)
Plymouth	2	(D)	-	-	2	(D)
BAITFISH						
State Total						
Massachusetts .....2007	3	1	2	(D)	1	(D)
.....2002	1	(NA)	1	(D)	-	-
Counties, 2007						
Hampshire	2	(D)	2	(D)	-	-
Plymouth	1	(D)	-	-	1	(D)
CRUSTACEANS						
State Total						
Massachusetts .....2007	4	9	2	(D)	2	(D)
.....2002	3	(NA)	-	-	3	25
Counties, 2007						
Essex	2	(D)	-	-	2	(D)
Hampshire	2	(D)	2	(D)	-	-
MOLLUSKS						
State Total						
Massachusetts .....2007	234	11,176	36	(D)	206	172,411
.....2002	112	(NA)	25	292	88	39,775
Counties, 2007						
Barnstable	178	6,819	28	1,114	158	144,943
Bristol	2	(D)	-	-	2	(D)
Dukes	12	744	-	-	12	(D)
Essex	8	(D)	6	89	2	(D)
Plymouth	34	3,275	2	(D)	32	(D)
ORNAMENTAL FISH						
State Total						
Massachusetts .....2007	11	(D)	4	(Z)	7	(D)
.....2002	8	(NA)	-	-	8	(D)
Counties, 2007						
Barnstable	4	1	4	(Z)	-	-
Essex	1	(D)	-	-	1	(D)
Middlesex	1	(D)	-	-	1	(D)
Plymouth	3	(Z)	-	-	3	(Z)
Worcester	2	(D)	-	-	2	(D)
SPORT OR GAME FISH						
State Total						
Massachusetts2007	3	(D)	2	(D)	1	(D)
.....2002	1	(NA)	-	-	1	(D)
Counties, 2007						
Hampshire	3	(D)	2	(D)	1	(D)

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Table 23. **Aquaculture Sold: 2007 and 2002 - Con.**

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

Geographic area	Farms with aquaculture sold	Value (\$1,000)	Farms reporting by -				
			Pounds sold		Number sold		
			Farms	1,000 Pounds	Farms	Thousands	
OTHER AQUACULTURE PRODUCTS (SEE TEXT)							
State Total							
Massachusetts	2007	4	(D)	-	-	4	(D)
	2002	6	(NA)	-	-	6	3,736
Counties, 2007							
Essex		2	(D)	-	-	2	(D)
Hampden		1	-	-	-	1	(D)
Middlesex		1	(D)	-	-	1	(D)

Table 24. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2007 and 2002

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

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
ALPACAS (SEE TEXT)				
State Total				
Massachusetts	2007	1,736	36	142
2002	(NA)	(NA)	(NA)	(NA)
Counties, 2007				
Barnstable	12	94	2	(D)
Berkshire	6	(D)	1	(D)
Bristol	3	(D)	-	-
Dukes	3	9	-	-
Essex	14	98	2	(D)
Franklin	15	139	6	24
Hampden	16	369	7	34
Hampshire	18	189	3	6
Middlesex	18	127	-	-
Norfolk	1	(D)	1	(D)
Plymouth	8	38	2	(D)
Worcester	53	493	12	36
BISON				
State Total				
Massachusetts	2007	145	1	(D)
2002	12	253	1	(D)
Counties, 2007				
Berkshire	7	28	-	-
Essex	2	(D)	-	-
Hampden	1	(D)	-	-
Hampshire	2	(D)	-	-
Middlesex	1	(D)	-	-
Worcester	1	(D)	1	(D)
DEER				
State Total				
Massachusetts	2007	(D)	9	42
2002	9	486	6	174
Counties, 2007				
Bristol	1	(D)	1	(D)
Essex	3	60	3	18
Hampden	1	(D)	-	-
Norfolk	3	21	3	(D)
Worcester	4	46	2	(D)
ELK				
State Total				
Massachusetts	2007	12	-	-
2002	-	-	-	-
Counties, 2007				
Berkshire	3	(D)	-	-
Hampden	1	(D)	-	-
LLAMAS				
State Total				
Massachusetts	2007	1,332	36	93
2002	185	1,702	49	177
Counties, 2007				
Barnstable	2	(D)	-	-
Berkshire	27	191	4	10
Bristol	27	75	4	5
Dukes	1	(D)	-	-
Essex	16	69	3	(D)
Franklin	32	145	2	(D)
Hampden	20	98	7	42
Hampshire	28	158	5	7
Middlesex	23	107	4	10
Norfolk	4	(D)	-	-
Plymouth	17	62	-	-
Worcester	105	403	7	14

See footnote(s) at end of table.

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Table 24. **Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2007 and 2002 - Con.**

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

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
MULES, BURROS, AND DONKEYS				
State Total				
Massachusetts	2007	992	35	92
.....	2002	227	14	21
Counties, 2007				
Barnstable	15	33	-	-
Berkshire	49	136	5	22
Bristol	46	155	4	19
Dukes	1	(D)	-	-
Essex	41	86	3	9
Franklin	24	50	2	(D)
Hampden	22	41	2	(D)
Hampshire	42	138	2	(D)
Middlesex	36	72	6	20
Norfolk	16	27	-	-
Plymouth	10	(D)	-	-
Worcester	87	238	11	16
RABBITS AND THEIR PELTS				
State Total				
Massachusetts	2007	2,486	47	5,511
.....	2002	8,233	30	15,550
Counties, 2007				
Barnstable	20	49	2	(D)
Berkshire	28	107	-	-
Bristol	53	577	5	28
Dukes	1	(D)	-	-
Essex	14	65	2	(D)
Franklin	21	(D)	1	(D)
Hampden	20	382	9	(D)
Hampshire	17	361	2	(D)
Middlesex	40	145	1	(D)
Norfolk	6	35	1	(D)
Plymouth	38	107	6	94
Worcester	78	624	18	668
OTHER LIVESTOCK (SEE TEXT) ¹				
State Total				
Massachusetts	2007	(X)	25	(X)
.....	2002	(X)	16	(X)
Counties, 2007				
Bristol	6	(X)	2	(X)
Essex	3	(X)	-	(X)
Franklin	4	(X)	-	(X)
Hampden	4	(X)	1	(X)
Hampshire	11	(X)	4	(X)
Middlesex	18	(X)	4	(X)
Norfolk	6	(X)	-	(X)
Plymouth	26	(X)	4	(X)
Worcester	30	(X)	10	(X)

¹ 2002 data include alpacas.

Table 25. Selected Crops Harvested: 2007

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Harvested cropland	farms 4,792	143	321	459	40	322	500
	acres 153,993	1,484	18,318	12,412	(D)	9,909	20,132
Irrigated	farms 1,543	112	62	162	17	101	87
	acres 22,662	1,250	(D)	1,831	84	817	1,623
Corn for grain	farms 50	-	8	4	1	1	13
	acres 2,432	-	532	(D)	(D)	(D)	321
	bushels 372,853	-	56,410	679	(D)	(D)	(D)
Irrigated	farms 2	-	-	-	1	-	-
	acres (D)	-	-	-	(D)	-	-
Farms by acres harvested:							
1 to 24 acres	34	-	4	4	1	1	11
25 to 99 acres	9	-	2	-	-	-	1
100 to 249 acres	4	-	1	-	-	-	1
250 to 499 acres	3	-	1	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Corn for silage or greenchop	farms 230	-	21	35	1	15	49
	acres 13,895	-	2,232	1,708	(D)	897	3,510
	tons 275,194	-	46,905	30,930	(D)	17,308	72,114
Irrigated	farms 7	-	-	4	1	1	-
	acres (D)	-	-	(D)	(D)	(D)	-
Farms by acres harvested:							
1 to 24 acres	100	-	6	14	1	7	18
25 to 99 acres	83	-	10	17	-	4	17
100 to 249 acres	41	-	3	3	-	4	13
250 to 499 acres	5	-	1	1	-	-	1
500 to 999 acres	1	-	1	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Dry edible beans, excluding limas	farms 1	-	-	-	-	1	-
	acres (D)	-	-	-	-	(D)	-
	cwt (D)	-	-	-	-	(D)	-
Irrigated	farms -	-	-	-	-	-	-
	acres -	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	1	-	-	-	-	1	-
25 to 99 acres	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text)	farms 2,424	5	216	251	15	160	309
	acres 93,811	(D)	14,263	7,484	608	6,866	11,317
	tons, dry equivalent 198,593	(D)	30,278	13,572	854	14,945	26,210
Irrigated	farms 12	-	-	-	-	1	-
	acres 83	-	-	-	-	(D)	-
Farms by acres harvested:							
1 to 24 acres	1,378	4	86	153	6	92	193
25 to 99 acres	807	1	86	82	7	45	88
100 to 249 acres	204	-	35	15	2	16	24
250 to 499 acres	32	-	7	1	-	7	3
500 to 999 acres	3	-	2	-	-	-	1
1,000 acres or more	-	-	-	-	-	-	-
Oats for grain	farms 2	-	2	-	-	-	-
	acres (D)	-	(D)	-	-	-	-
	bushels (D)	-	(D)	-	-	-	-
Irrigated	farms -	-	-	-	-	-	-
	acres -	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	2	-	2	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Soybeans for beans	farms 5	-	1	-	-	1	1
	acres 247	-	(D)	-	-	(D)	(D)
	bushels 10,530	-	(D)	-	-	(D)	(D)
Irrigated	farms -	-	-	-	-	-	-
	acres -	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	1	-	-	-	-	1	-
25 to 99 acres	3	-	-	-	-	-	1
100 to 249 acres	1	-	1	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Sunflower seed, all	farms 1	-	-	-	-	-	-
	acres (D)	-	-	-	-	-	-
	pounds (D)	-	-	-	-	-	-
Irrigated	farms -	-	-	-	-	-	-
	acres -	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	-	-	-	-	-	-	-
25 to 99 acres	1	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-

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Table 25. Selected Crops Harvested: 2007 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Harvested cropland	farms 340	482	452	14	147	592	6	974
	acres 10,219	19,834	12,010	399	2,569	15,909	(D)	30,065
Irrigated	farms 70	81	165	10	61	426	5	184
	acres 1,135	(D)	1,439	(D)	269	11,810	7	868
Corn for grain	farms 1	18	1	-	-	3	-	-
	acres (D)	1,460	(D)	-	-	7	-	-
	bushels (D)	240,738	(D)	-	-	650	-	-
Irrigated	farms 1	-	-	-	-	-	-	-
	acres (D)	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	9	1	-	-	3	-	-
25 to 99 acres	1	5	-	-	-	-	-	-
100 to 249 acres	-	2	-	-	-	-	-	-
250 to 499 acres	-	2	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Corn for silage or greenchop	farms 11	31	9	-	1	5	-	52
	acres 1,113	1,699	501	-	(D)	(D)	-	2,132
Irrigated	tons 22,189	35,298	9,950	-	(D)	(D)	-	38,730
	farms -	-	-	-	-	1	-	-
	acres -	-	-	-	-	(D)	-	-
Farms by acres harvested:								
1 to 24 acres	2	14	3	-	1	4	-	30
25 to 99 acres	6	10	3	-	-	1	-	15
100 to 249 acres	2	7	3	-	-	-	-	6
250 to 499 acres	1	-	-	-	-	-	-	1
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Dry edible beans, excluding limas	farms -	-	-	-	-	-	-	-
	acres -	-	-	-	-	-	-	-
	cwt -	-	-	-	-	-	-	-
Irrigated	farms -	-	-	-	-	-	-	-
	acres -	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text)	farms 193	281	195	2	64	111	-	622
	acres 6,469	11,099	8,117	(D)	1,870	3,202	-	22,417
Irrigated	tons, dry equivalent 13,402	24,067	15,931	(D)	3,249	5,956	-	50,011
	farms 3	-	3	-	1	2	-	2
	acres 6	-	4	-	(D)	(D)	-	(D)
Farms by acres harvested:								
1 to 24 acres	119	137	123	2	40	73	-	350
25 to 99 acres	58	121	50	-	21	33	-	215
100 to 249 acres	15	22	15	-	2	5	-	53
250 to 499 acres	1	1	7	-	1	-	-	4
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Oats for grain	farms -	-	-	-	-	-	-	-
	acres -	-	-	-	-	-	-	-
	bushels -	-	-	-	-	-	-	-
Irrigated	farms -	-	-	-	-	-	-	-
	acres -	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Soybeans for beans	farms -	2	-	-	-	-	-	-
	acres -	(D)	-	-	-	-	-	-
	bushels -	(D)	-	-	-	-	-	-
Irrigated	farms -	-	-	-	-	-	-	-
	acres -	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	-	-	-	-
25 to 99 acres	-	2	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Sunflower seed, all	farms -	1	-	-	-	-	-	-
	acres -	(D)	-	-	-	-	-	-
	pounds -	(D)	-	-	-	-	-	-
Irrigated	farms -	-	-	-	-	-	-	-
	acres -	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	-	-	-	-
25 to 99 acres	-	1	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-

--continued

Table 25. Selected Crops Harvested: 2007 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Tobacco .....farms	60	-	-	-	-	-	13
.....acres	1,324	-	-	-	-	-	311
.....pounds	2,328,982	-	-	-	-	-	555,885
Irrigated .....farms	18	-	-	-	-	-	2
.....acres	310	-	-	-	-	-	(D)
Farms by acres harvested:							
0.1 to 0.9 acres	1	-	-	-	-	-	1
1.0 to 1.9 acres	3	-	-	-	-	-	-
2.0 to 2.9 acres	1	-	-	-	-	-	-
3.0 to 4.9 acres	7	-	-	-	-	-	3
5.0 to 9.9 acres	13	-	-	-	-	-	2
10.0 to 24.9 acres	16	-	-	-	-	-	4
25.0 to 49.9 acres	11	-	-	-	-	-	1
50.0 acres or more	8	-	-	-	-	-	2
50.0 to 74.9 acres	6	-	-	-	-	-	1
75.0 to 99.9 acres	1	-	-	-	-	-	-
100.0 acres or more	1	-	-	-	-	-	1
Wheat for grain, all .....farms	7	-	1	1	-	-	3
.....acres	(D)	-	(D)	(D)	-	-	8
.....bushels	(D)	-	(D)	(D)	-	-	(D)
Irrigated .....farms	2	-	-	-	-	-	2
.....acres	(D)	-	-	-	-	-	(D)
Farms by acres harvested:							
1 to 24 acres	6	-	1	1	-	-	3
25 to 99 acres	1	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Vegetables harvested for sale (see text) .....farms	1,001	31	70	96	12	81	108
.....acres	15,764	83	612	1,786	(D)	1,069	2,794
Farms by acres harvested:							
0.1 to 4.9 acres	629	27	49	52	8	43	70
5.0 to 24.9 acres	225	4	12	24	3	26	21
25.0 to 99.9 acres	112	-	9	17	1	11	9
100.0 to 249.9 acres	28	-	-	2	-	1	5
250.0 to 499.9 acres	5	-	-	1	-	-	2
500.0 acres or more	2	-	-	-	-	-	1
500.0 to 749.9 acres	1	-	-	-	-	-	1
750.0 to 999.9 acres	1	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-
Land in orchards .....farms	458	9	24	44	5	32	40
.....acres	5,416	(D)	221	281	7	488	564
Irrigated .....farms	86	3	4	10	1	8	5
.....acres	766	14	(D)	60	(D)	87	34
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	279	6	12	33	5	15	21
5.0 to 24.9 acres	121	3	8	9	-	11	13
25.0 to 99.9 acres	49	-	4	2	-	5	6
100.0 to 249.9 acres	9	-	-	-	-	1	-
250.0 to 499.9 acres	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-

--continued

Table 25. Selected Crops Harvested: 2007 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Tobacco								
farms	14	33	-	-	-	-	-	-
acres	503	511	-	-	-	-	-	-
pounds	891,854	881,243	-	-	-	-	-	-
Irrigated								
farms	9	7	-	-	-	-	-	-
acres	190	(D)	-	-	-	-	-	-
Farms by acres harvested:								
0.1 to 0.9 acres	-	-	-	-	-	-	-	-
1.0 to 1.9 acres	-	3	-	-	-	-	-	-
2.0 to 2.9 acres	-	1	-	-	-	-	-	-
3.0 to 4.9 acres	-	4	-	-	-	-	-	-
5.0 to 9.9 acres	3	8	-	-	-	-	-	-
10.0 to 24.9 acres	1	11	-	-	-	-	-	-
25.0 to 49.9 acres	7	3	-	-	-	-	-	-
50.0 acres or more	3	3	-	-	-	-	-	-
50.0 to 74.9 acres	2	3	-	-	-	-	-	-
75.0 to 99.9 acres	1	-	-	-	-	-	-	-
100.0 acres or more	-	-	-	-	-	-	-	-
Wheat for grain, all								
farms	-	1	-	-	-	-	-	1
acres	-	(D)	-	-	-	-	-	(D)
bushels	-	(D)	-	-	-	-	-	(D)
Irrigated								
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	1	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	1
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)								
farms	64	131	144	2	30	61	1	170
acres	884	4,166	1,511	(D)	317	695	(D)	1,641
Farms by acres harvested:								
0.1 to 4.9 acres	35	64	103	-	19	43	1	115
5.0 to 24.9 acres	20	36	24	1	6	9	-	39
25.0 to 99.9 acres	7	21	13	-	4	8	-	12
100.0 to 249.9 acres	2	7	4	1	1	1	-	4
250.0 to 499.9 acres	-	2	-	-	-	-	-	-
500.0 acres or more	-	1	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	1	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-
Land in orchards								
farms	31	38	53	1	14	31	-	136
acres	235	327	697	(D)	123	59	-	2,382
Irrigated								
farms	7	7	12	-	6	4	-	19
acres	40	43	316	-	(D)	8	-	96
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	19	27	31	1	9	27	-	73
5.0 to 24.9 acres	10	6	15	-	4	4	-	38
25.0 to 99.9 acres	2	5	5	-	1	-	-	19
100.0 to 249.9 acres	-	-	2	-	-	-	-	6
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-

Table 26. Field Crops: 2007 and 2002

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

Geographic area	2007					2002				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
BARLEY FOR GRAIN (BUSHEL)										
State Total										
Massachusetts	-	-	-	-	-	1	(D)	(D)	-	-
Counties										
Middlesex	-	-	-	-	-	1	(D)	(D)	-	-
BUCKWHEAT (BUSHEL)										
State Total										
Massachusetts	-	-	-	-	-	2	(D)	(D)	-	-
Counties										
Hampshire	-	-	-	-	-	2	(D)	(D)	-	-
CORN FOR GRAIN (BUSHEL)										
State Total										
Massachusetts	50	2,432	372,853	2	(D)	49	2,573	346,592	1	(D)
Counties										
Berkshire	8	532	56,410	-	-	8	581	62,200	-	-
Bristol	4	(D)	679	-	-	5	241	18,952	-	-
Dukes	1	(D)	(D)	1	(D)	-	-	-	-	-
Essex	1	(D)	(D)	-	-	-	-	-	-	-
Franklin	13	321	(D)	-	-	7	266	41,429	-	-
Hampden	1	(D)	(D)	1	(D)	4	(D)	(D)	-	-
Hampshire	18	1,460	240,738	-	-	19	1,289	197,991	-	-
Middlesex	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Plymouth	3	7	650	-	-	3	6	600	-	-
Worcester	-	-	-	-	-	2	(D)	(D)	1	(D)
DRY EDIBLE BEANS, EXCLUDING LIMAS (CWT)										
State Total										
Massachusetts	1	(D)	(D)	-	-	2	(D)	(D)	1	(D)
Counties										
Essex	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Worcester	-	-	-	-	-	1	(D)	(D)	1	(D)
OATS FOR GRAIN (BUSHEL)										
State Total										
Massachusetts	2	(D)	(D)	-	-	8	64	2,880	-	-
Counties										
Berkshire	2	(D)	(D)	-	-	4	(D)	1,540	-	-
Hampshire	-	-	-	-	-	3	32	(D)	-	-
Worcester	-	-	-	-	-	1	(D)	(D)	-	-
POPCORN (POUNDS, SHELLED)										
State Total										
Massachusetts	2	(D)	(D)	1	(D)	4	(D)	(D)	-	-
Counties										
Franklin	1	(D)	(D)	-	-	-	-	-	-	-
Hampshire	-	-	-	-	-	1	(D)	(D)	-	-
Plymouth	1	(D)	(D)	1	(D)	-	-	-	-	-
Worcester	-	-	-	-	-	3	5	1,400	-	-
RYE FOR GRAIN (BUSHEL)										
State Total										
Massachusetts	3	(D)	(D)	-	-	12	283	11,783	-	-
Counties										
Berkshire	3	(D)	(D)	-	-	3	21	983	-	-
Bristol	-	-	-	-	-	2	(D)	(D)	-	-
Essex	-	-	-	-	-	1	(D)	(D)	-	-
Franklin	-	-	-	-	-	1	(D)	(D)	-	-
Hampden	-	-	-	-	-	1	(D)	(D)	-	-
Hampshire	-	-	-	-	-	3	(D)	(D)	-	-
Middlesex	-	-	-	-	-	1	(D)	(D)	-	-

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Table 26. **Field Crops: 2007 and 2002 - Con.**

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

Geographic area	2007					2002				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SOYBEANS FOR BEANS (BUSHEL)										
State Total										
Massachusetts	5	247	10,530	-	-	8	127	2,632	2	(D)
Counties										
Berkshire	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Essex	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Franklin	1	(D)	(D)	-	-	-	-	-	-	-
Hampshire	2	(D)	(D)	-	-	3	13	422	-	-
Middlesex	-	-	-	-	-	1	(D)	(D)	-	-
Worcester	-	-	-	-	-	2	(D)	(D)	2	(D)
SUNFLOWER SEED, ALL (POUNDS)										
State Total										
Massachusetts	1	(D)	(D)	-	-	3	3	(D)	1	(D)
Counties										
Bristol	-	-	-	-	-	1	(D)	(D)	1	(D)
Essex	-	-	-	-	-	1	(D)	(D)	-	-
Hampshire	1	(D)	(D)	-	-	-	-	-	-	-
Worcester	-	-	-	-	-	1	(D)	(D)	-	-
SUNFLOWER SEED, OIL VARIETIES (POUNDS)										
State Total										
Massachusetts	1	(D)	(D)	-	-	-	-	-	-	-
Counties										
Hampshire	1	(D)	(D)	-	-	-	-	-	-	-
SUNFLOWER SEED, NON-OIL VARIETIES (POUNDS)										
State Total										
Massachusetts	-	-	-	-	-	3	3	(D)	1	(D)
Counties										
Bristol	-	-	-	-	-	1	(D)	(D)	1	(D)
Essex	-	-	-	-	-	1	(D)	(D)	-	-
Worcester	-	-	-	-	-	1	(D)	(D)	-	-
TOBACCO (POUNDS)										
State Total										
Massachusetts	60	1,324	2,328,982	18	310	50	1,113	1,792,954	24	653
Counties										
Franklin	13	311	555,885	2	(D)	9	278	400,720	6	258
Hampden	14	503	891,854	9	190	12	398	603,693	10	262
Hampshire	33	511	881,243	7	(D)	29	437	788,541	8	133
WHEAT FOR GRAIN, ALL (BUSHEL)										
State Total										
Massachusetts	7	(D)	(D)	2	(D)	5	(D)	(D)	-	-
Counties										
Berkshire	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Bristol	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Franklin	3	8	(D)	2	(D)	-	-	-	-	-
Hampshire	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Worcester	1	(D)	(D)	-	-	-	-	-	-	-
WINTER WHEAT FOR GRAIN (BUSHEL)										
State Total										
Massachusetts	7	(D)	(D)	2	(D)	5	(D)	(D)	-	-
Counties										
Berkshire	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Bristol	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Franklin	3	8	(D)	2	(D)	-	-	-	-	-
Hampshire	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Worcester	1	(D)	(D)	-	-	-	-	-	-	-

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Table 26. Field Crops: 2007 and 2002 - Con.

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

Geographic area	2007					2002				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
OTHER SPRING WHEAT FOR GRAIN (BUSHELS)										
State Total										
Massachusetts	1	(D)	(D)	-	-	-	-	-	-	-
Counties										
Berkshire	1	(D)	(D)	-	-	-	-	-	-	-

Table 27. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2007 and 2002

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

Geographic area	2007					2002				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
FIELD AND GRASS SEED CROPS, ALL (SEE TEXT)										
State Total										
Massachusetts	-	-	(X)	-	-	1	(D)	(X)	-	-
Counties										
Middlesex	-	-	(X)	-	-	1	(D)	(X)	-	-
RYEGRASS SEED (POUNDS)										
State Total										
Massachusetts	-	-	-	-	-	1	(D)	(D)	-	-
Counties										
Middlesex	-	-	-	-	-	1	(D)	(D)	-	-
FORAGE - LAND USED FOR ALL HAY AND ALL HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, DRY EQUIVALENT) (SEE TEXT)										
State Total										
Massachusetts	2,424	93,811	198,593	12	83	2,017	93,745	209,771	6	31
Counties										
Barnstable	5	(D)	(D)	-	-	9	(D)	(D)	-	-
Berkshire	216	14,263	30,278	-	-	204	14,390	33,069	-	-
Bristol	251	7,484	13,572	-	-	192	6,113	13,702	3	18
Dukes	15	608	854	-	-	13	397	374	1	(D)
Essex	160	6,866	14,945	1	(D)	112	5,974	13,621	-	-
Franklin	309	11,317	26,210	-	-	270	11,289	29,352	-	-
Hampden	193	6,469	13,402	3	6	173	6,482	14,499	-	-
Hampshire	281	11,099	24,067	-	-	230	10,175	21,695	-	-
Middlesex	195	8,117	15,931	3	4	161	7,194	16,428	-	-
Nantucket	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Norfolk	64	1,870	3,249	1	(D)	38	1,561	2,510	1	(D)
Plymouth	111	3,202	5,956	2	(D)	109	5,241	11,239	-	-
Worcester	622	22,417	50,011	2	(D)	505	24,790	53,147	1	(D)
HAY - ALL HAY INCLUDING ALFALFA, OTHER TAME, SMALL GRAIN, AND WILD (TONS, DRY) (SEE TEXT)										
State Total										
Massachusetts	2,295	81,829	154,947	11	49	1,976	85,022	165,412	5	28
Counties										
Barnstable	5	(D)	(D)	-	-	8	(D)	(D)	-	-
Berkshire	206	11,216	20,229	-	-	204	12,758	22,243	-	-
Bristol	234	6,775	11,421	-	-	187	5,760	11,202	3	(D)
Dukes	15	607	854	-	-	12	394	(D)	-	-
Essex	149	5,061	10,282	1	(D)	111	5,510	11,415	-	-
Franklin	285	9,508	17,823	-	-	261	9,579	19,161	-	-
Hampden	185	6,209	11,528	3	6	171	6,154	13,223	-	-
Hampshire	267	9,686	19,067	-	-	226	8,712	16,862	-	-
Middlesex	186	7,867	14,404	3	4	157	7,005	14,367	-	-
Nantucket	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Norfolk	64	1,763	(D)	1	(D)	38	1,560	(D)	1	(D)
Plymouth	104	3,041	(D)	1	(D)	103	5,165	10,457	-	-
Worcester	593	19,997	40,647	2	(D)	497	22,287	43,509	1	(D)
ALFALFA HAY (TONS, DRY)										
State Total										
Massachusetts	406	9,921	22,537	1	(D)	549	15,756	37,427	4	(D)
Counties										
Barnstable	3	12	(D)	-	-	3	65	35	-	-
Berkshire	34	1,245	2,733	-	-	53	2,266	6,416	-	-
Bristol	75	1,464	2,997	-	-	79	1,996	4,695	3	(D)
Dukes	5	(D)	(D)	-	-	6	(D)	123	-	-
Essex	25	485	1,079	-	-	30	1,216	2,615	-	-
Franklin	37	1,432	3,634	-	-	49	1,523	3,983	-	-
Hampden	34	(D)	1,786	-	-	34	(D)	1,504	-	-
Hampshire	52	1,094	2,239	-	-	53	1,256	2,910	-	-
Middlesex	32	884	1,787	-	-	55	1,125	2,727	-	-
Norfolk	9	76	132	1	(D)	7	(D)	290	1	(D)
Plymouth	36	(D)	1,291	-	-	45	(D)	2,237	-	-
Worcester	64	1,753	4,736	-	-	135	4,599	9,892	-	-

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Table 27. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2007 and 2002 - Con.

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

Geographic area	2007					2002				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SMALL GRAIN HAY (TONS, DRY)										
State Total										
Massachusetts	93	2,901	5,343	1	(D)	71	1,748	3,737	-	-
Counties										
Barnstable	1	(D)	(D)	-	-	-	-	-	-	-
Berkshire	7	85	187	-	-	9	142	241	-	-
Bristol	11	222	483	-	-	8	50	(D)	-	-
Dukes	-	-	-	-	-	1	(D)	(D)	-	-
Essex	6	64	173	1	(D)	8	189	361	-	-
Franklin	12	579	563	-	-	7	258	859	-	-
Hampden	2	(D)	(D)	-	-	6	(D)	392	-	-
Hampshire	24	703	1,059	-	-	14	418	693	-	-
Middlesex	3	34	89	-	-	4	18	29	-	-
Norfolk	-	-	-	-	-	1	(D)	(D)	-	-
Plymouth	2	(D)	(D)	-	-	2	(D)	(D)	-	-
Worcester	25	1,050	2,481	-	-	11	388	800	-	-
OTHER TAME HAY (TONS, DRY)										
State Total										
Massachusetts	1,492	55,125	102,687	9	(D)	1,255	56,403	107,981	1	(D)
Counties										
Barnstable	2	(D)	(D)	-	-	5	(D)	(D)	-	-
Berkshire	122	6,961	12,466	-	-	124	8,700	13,443	-	-
Bristol	113	3,315	5,175	-	-	100	3,004	(D)	-	-
Dukes	10	464	716	-	-	7	254	219	-	-
Essex	101	3,779	7,452	-	-	72	3,368	7,234	-	-
Franklin	200	6,441	12,231	-	-	185	6,603	12,775	-	-
Hampden	130	4,346	(D)	3	6	111	4,249	9,323	-	-
Hampshire	170	6,408	13,347	-	-	147	5,549	10,666	-	-
Middlesex	135	6,232	11,422	3	4	98	5,065	10,494	-	-
Nantucket	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Norfolk	44	1,295	1,912	-	-	30	1,102	1,806	-	-
Plymouth	53	1,790	3,300	1	(D)	48	3,412	7,121	-	-
Worcester	410	14,042	26,367	2	(D)	327	15,024	29,471	1	(D)
WILD HAY (TONS, DRY)										
State Total										
Massachusetts	581	13,882	24,380	-	-	473	11,115	16,267	-	-
Counties										
Berkshire	73	2,925	4,843	-	-	58	1,650	2,143	-	-
Bristol	81	1,774	2,766	-	-	39	710	1,026	-	-
Dukes	1	(D)	(D)	-	-	2	(D)	(D)	-	-
Essex	28	733	1,578	-	-	28	737	1,205	-	-
Franklin	61	1,056	1,395	-	-	65	1,195	1,544	-	-
Hampden	45	(D)	1,275	-	-	47	1,265	2,004	-	-
Hampshire	57	1,481	2,422	-	-	56	1,489	2,593	-	-
Middlesex	36	717	1,106	-	-	33	797	1,117	-	-
Nantucket	2	(D)	(D)	-	-	-	-	-	-	-
Norfolk	16	392	(D)	-	-	7	(D)	210	-	-
Plymouth	25	645	946	-	-	33	778	(D)	-	-
Worcester	156	3,152	7,063	-	-	105	2,276	3,346	-	-
ALL HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, GREEN) (SEE TEXT)										
State Total										
Massachusetts	272	15,822	88,299	1	(D)	198	13,787	89,744	1	(D)
Counties										
Barnstable	-	-	-	-	-	1	(D)	(D)	-	-
Berkshire	28	3,710	20,329	-	-	24	2,672	21,898	-	-
Bristol	29	743	4,352	-	-	15	585	5,059	-	-
Dukes	-	-	-	-	-	1	(D)	(D)	1	(D)
Essex	24	1,988	9,434	-	-	10	815	4,461	-	-
Franklin	59	2,661	16,968	-	-	45	3,260	20,618	-	-
Hampden	15	690	3,791	-	-	9	496	2,581	-	-
Hampshire	33	1,966	10,116	-	-	31	1,959	9,772	-	-
Middlesex	16	694	3,090	-	-	10	909	4,173	-	-
Norfolk	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Plymouth	13	(D)	(D)	1	(D)	10	209	1,587	-	-
Worcester	53	3,029	18,944	-	-	41	2,853	19,502	-	-

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Table 27. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2007 and 2002 - Con.

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

Geographic area	2007					2002				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
HAYLAGE OR GREENCHOP FROM ALFALFA OR ALFALFA MIXTURES (TONS, GREEN)										
State Total										
Massachusetts	137	5,416	34,766	-	-	109	6,046	49,025	-	-
Counties										
Barnstable	-	-	-	-	-	1	(D)	(D)	-	-
Berkshire	27	2,268	13,943	-	-	17	1,861	18,076	-	-
Bristol	17	517	3,418	-	-	12	329	3,115	-	-
Essex	6	346	2,785	-	-	9	610	2,911	-	-
Franklin	36	759	4,057	-	-	22	1,224	9,853	-	-
Hampden	4	226	1,361	-	-	6	285	1,698	-	-
Hampshire	19	673	4,488	-	-	14	765	4,771	-	-
Middlesex	6	76	523	-	-	6	233	1,870	-	-
Norfolk	2	(D)	(D)	-	-	-	-	-	-	-
Plymouth	4	(D)	(D)	-	-	4	(D)	(D)	-	-
Worcester	16	504	4,028	-	-	18	687	6,345	-	-
OTHER HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, GREEN)										
State Total										
Massachusetts	183	10,406	53,533	1	(D)	135	7,741	40,719	1	(D)
Counties										
Berkshire	10	1,442	6,386	-	-	11	811	3,822	-	-
Bristol	14	226	934	-	-	6	256	1,944	-	-
Dukes	-	-	-	-	-	1	(D)	(D)	1	(D)
Essex	18	1,642	6,649	-	-	4	205	1,550	-	-
Franklin	34	1,902	12,911	-	-	35	2,036	10,765	-	-
Hampden	13	464	2,430	-	-	5	211	883	-	-
Hampshire	23	1,293	5,628	-	-	23	1,194	5,001	-	-
Middlesex	12	618	2,567	-	-	7	676	2,303	-	-
Norfolk	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Plymouth	13	(D)	(D)	1	(D)	9	(D)	(D)	-	-
Worcester	44	2,525	14,916	-	-	33	2,166	13,157	-	-
CORN FOR SILAGE OR GREENCHOP (TONS)										
State Total										
Massachusetts	230	13,895	275,194	7	(D)	297	17,365	333,411	4	(D)
Counties										
Berkshire	21	2,232	46,905	-	-	28	2,765	57,770	-	-
Bristol	35	1,708	30,930	4	(D)	42	2,307	41,145	3	(D)
Dukes	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
Essex	15	897	17,308	1	(D)	15	845	15,606	-	-
Franklin	49	3,510	72,114	-	-	50	2,950	65,727	-	-
Hampden	11	1,113	22,189	-	-	22	1,574	28,495	-	-
Hampshire	31	1,699	35,298	-	-	37	2,298	43,217	-	-
Middlesex	9	501	9,950	-	-	15	684	11,876	-	-
Norfolk	1	(D)	(D)	-	-	5	(D)	(D)	-	-
Plymouth	5	(D)	(D)	1	(D)	10	133	2,020	-	-
Worcester	52	2,132	38,730	-	-	72	3,722	66,621	-	-

Table 28. Other Crops: 2007 and 2002

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

Geographic area	2007					2002				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
HERBS, DRIED (POUNDS)										
State Total										
Massachusetts	1	(D)	(D)	-	-	6	9	1,387	2	(D)
Counties										
Barnstable	-	-	-	-	-	2	(D)	(D)	2	(D)
Berkshire	-	-	-	-	-	1	(D)	(D)	-	-
Franklin	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Norfolk	-	-	-	-	-	1	(D)	(D)	-	-
Worcester	-	-	-	-	-	1	(D)	(D)	-	-
OTHER CROPS (SEE TEXT)										
State Total										
Massachusetts	6	38	(X)	-	-	12	53	(X)	1	(D)
Counties										
Barnstable	-	-	(X)	-	-	2	(D)	(X)	-	-
Bristol	-	-	(X)	-	-	1	(D)	(X)	-	-
Franklin	1	(D)	(X)	-	-	1	(D)	(X)	1	(D)
Hampden	-	-	(X)	-	-	2	(D)	(X)	-	-
Hampshire	5	(D)	(X)	-	-	4	20	(X)	-	-
Middlesex	-	-	(X)	-	-	2	(D)	(X)	-	-

Table 29. Land Used For Vegetables and Vegetables Harvested For Sale: 2007 and 2002

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

Geographic area	2007					2002 ¹				
	Land used for vegetables (see text)				Vegetables harvested (see text) (acres)	Land used for vegetables (see text)				Vegetables harvested (see text) (acres)
	Harvested		Irrigated			Harvested		Irrigated		
	Farms	Acres	Farms	Acres		Farms	Acres	Farms	Acres	
STATE TOTAL										
Massachusetts	1,001	15,560	380	5,004	15,764	866	14,409	314	3,998	14,757
COUNTIES										
Barnstable	31	83	18	66	83	22	98	16	60	98
Berkshire	70	606	19	(D)	612	65	678	15	(D)	683
Bristol	96	1,734	35	571	1,786	89	1,840	37	770	1,872
Dukes	12	(D)	8	64	(D)	13	(D)	11	(D)	(D)
Essex	81	1,062	41	523	1,069	73	1,120	32	255	1,134
Franklin	108	2,757	26	967	2,794	111	1,889	23	388	1,911
Hampden	64	881	19	375	884	41	880	14	412	887
Hampshire	131	4,126	41	784	4,166	123	3,355	27	634	3,412
Middlesex	144	1,495	69	616	1,511	116	1,721	60	603	1,792
Nantucket	2	(D)	2	(D)	(D)	2	(D)	1	(D)	(D)
Norfolk	30	313	15	109	317	26	511	14	158	605
Plymouth	61	695	26	342	695	49	521	18	63	525
Suffolk	1	(D)	1	(D)	(D)	1	(D)	-	-	(D)
Worcester	170	1,616	60	415	1,641	135	1,619	46	443	1,662

¹ 2002 data do not include potatoes, sweet potatoes, or ginseng.

Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
VEGETABLES HARVESTED FOR SALE (SEE TEXT) ¹								
State Total								
Massachusetts	1,001	15,764	63	854	988	14,910	866	14,757
Counties								
Barnstable	31	83	-	-	31	83	22	98
Berkshire	70	612	1	(D)	70	(D)	65	683
Bristol	96	1,786	12	89	96	1,697	89	1,872
Dukes	12	(D)	-	-	12	(D)	13	(D)
Essex	81	1,069	4	1	78	1,068	73	1,134
Franklin	108	2,794	10	561	105	2,234	111	1,911
Hampden	64	884	4	(D)	61	(D)	41	887
Hampshire	131	4,166	19	175	130	3,992	123	3,412
Middlesex	144	1,511	6	16	143	1,495	116	1,792
Nantucket	2	(D)	-	-	2	(D)	2	(D)
Norfolk	30	317	2	(D)	28	(D)	26	605
Plymouth	61	695	4	2	61	693	49	525
Suffolk	1	(D)	-	-	1	(D)	1	(D)
Worcester	170	1,641	1	(D)	170	(D)	135	1,662
ASPARAGUS								
State Total								
Massachusetts	73	114	-	-	73	114	78	122
Counties								
Barnstable	1	(D)	-	-	1	(D)	1	(D)
Berkshire	1	(D)	-	-	1	(D)	1	(D)
Bristol	1	(D)	-	-	1	(D)	2	(D)
Dukes	3	(D)	-	-	3	(D)	3	2
Essex	6	8	-	-	6	8	3	(D)
Franklin	13	23	-	-	13	23	22	25
Hampden	2	(D)	-	-	2	(D)	4	(D)
Hampshire	21	53	-	-	21	53	20	59
Middlesex	11	11	-	-	11	11	9	15
Norfolk	4	(D)	-	-	4	(D)	1	(D)
Plymouth	4	1	-	-	4	1	4	1
Worcester	6	5	-	-	6	5	8	9
BEANS, GREEN LIMA								
State Total								
Massachusetts	3	(Z)	-	-	3	(Z)	3	(D)
Counties								
Bristol	-	-	-	-	-	-	1	(D)
Dukes	1	(D)	-	-	1	(D)	-	-
Franklin	1	(D)	-	-	1	(D)	-	-
Hampshire	-	-	-	-	-	-	1	(D)
Plymouth	1	(D)	-	-	1	(D)	-	-
Worcester	-	-	-	-	-	-	1	(D)
BEANS, SNAP								
State Total								
Massachusetts	336	394	-	-	336	394	161	294
Counties								
Barnstable	16	6	-	-	16	6	3	(D)
Berkshire	21	9	-	-	21	9	12	5
Bristol	38	30	-	-	38	30	16	77
Dukes	6	(D)	-	-	6	(D)	5	3
Essex	33	42	-	-	33	42	11	21
Franklin	27	48	-	-	27	48	20	62
Hampden	9	44	-	-	9	44	10	33
Hampshire	35	57	-	-	35	57	24	25
Middlesex	49	49	-	-	49	49	17	19
Nantucket	2	(D)	-	-	2	(D)	1	(D)
Norfolk	18	6	-	-	18	6	10	5
Plymouth	31	44	-	-	31	44	12	11
Worcester	51	48	-	-	51	48	20	28
BEETS								
State Total								
Massachusetts	92	37	-	-	92	37	57	23
Counties								
Barnstable	7	3	-	-	7	3	3	(D)
Berkshire	8	1	-	-	8	1	4	1
Bristol	4	1	-	-	4	1	3	(D)
Dukes	3	1	-	-	3	1	3	1
Essex	10	4	-	-	10	4	6	3

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
BEETS - Con.								
Counties - Con.								
Franklin	10	2	-	-	10	2	5	1
Hampden	1	(D)	-	-	1	(D)	3	2
Hampshire	6	7	-	-	6	7	7	4
Middlesex	20	8	-	-	20	8	6	5
Nantucket	1	(D)	-	-	1	(D)	1	(D)
Norfolk	2	(D)	-	-	2	(D)	2	(D)
Plymouth	4	1	-	-	4	1	4	1
Worcester	16	8	-	-	16	8	10	3
BROCCOLI								
State Total								
Massachusetts	98	71	-	-	98	71	74	43
Counties								
Barnstable	5	2	-	-	5	2	3	(D)
Berkshire	10	4	-	-	10	4	4	2
Bristol	3	(D)	-	-	3	(D)	5	5
Dukes	2	(D)	-	-	2	(D)	1	(D)
Essex	6	3	-	-	6	3	3	(D)
Franklin	4	1	-	-	4	1	14	3
Hampden	2	(D)	-	-	2	(D)	4	2
Hampshire	16	14	-	-	16	14	7	3
Middlesex	19	14	-	-	19	14	10	9
Nantucket	1	(D)	-	-	1	(D)	1	(D)
Norfolk	6	5	-	-	6	5	1	(D)
Plymouth	4	1	-	-	4	1	7	1
Worcester	20	15	-	-	20	15	14	12
BRUSSELS SPROUTS								
State Total								
Massachusetts	24	6	-	-	24	6	7	5
Counties								
Barnstable	-	-	-	-	-	-	1	(D)
Berkshire	6	1	-	-	6	1	-	-
Bristol	-	-	-	-	-	-	1	(D)
Essex	3	1	-	-	3	1	-	-
Franklin	2	(D)	-	-	2	(D)	1	(D)
Hampshire	2	(D)	-	-	2	(D)	1	(D)
Middlesex	7	1	-	-	7	1	1	(D)
Norfolk	-	-	-	-	-	-	1	(D)
Plymouth	1	(D)	-	-	1	(D)	-	-
Worcester	3	2	-	-	3	2	1	(D)
CABBAGE, CHINESE								
State Total								
Massachusetts	15	3	-	-	15	3	6	(D)
Counties								
Berkshire	-	-	-	-	-	-	1	(D)
Essex	2	(D)	-	-	2	(D)	1	(D)
Franklin	1	(D)	-	-	1	(D)	1	(D)
Hampshire	2	(D)	-	-	2	(D)	3	(D)
Middlesex	9	2	-	-	9	2	-	-
Worcester	1	(D)	-	-	1	(D)	-	-
CABBAGE, HEAD								
State Total								
Massachusetts	93	260	3	(D)	91	(D)	68	240
Counties								
Barnstable	-	-	-	-	-	-	1	(D)
Berkshire	6	2	-	-	6	2	5	1
Bristol	4	(D)	-	-	4	(D)	8	112
Dukes	1	(D)	-	-	1	(D)	1	(D)
Essex	6	6	-	-	6	6	4	6
Franklin	13	56	-	-	13	56	14	22
Hampden	6	57	-	-	6	57	6	59
Hampshire	25	73	1	(D)	25	(D)	12	21
Middlesex	10	5	-	-	10	5	3	1
Norfolk	1	(D)	-	-	1	(D)	1	(D)
Plymouth	4	(D)	2	(D)	2	(D)	1	(D)
Worcester	17	14	-	-	17	14	12	17

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
CANTALOUPE								
State Total								
Massachusetts	51	46	-	-	51	46	59	46
Counties								
Barnstable	-	-	-	-	-	-	1	(D)
Berkshire	4	(D)	-	-	4	(D)	3	1
Bristol	2	(D)	-	-	2	(D)	5	5
Dukes	1	(D)	-	-	1	(D)	2	(D)
Essex	6	3	-	-	6	3	7	5
Franklin	4	2	-	-	4	2	4	2
Hampden	1	(D)	-	-	1	(D)	6	6
Hampshire	8	13	-	-	8	13	3	1
Middlesex	11	11	-	-	11	11	8	7
Nantucket	-	-	-	-	-	-	1	(D)
Norfolk	1	(D)	-	-	1	(D)	7	3
Plymouth	3	(D)	-	-	3	(D)	2	(D)
Worcester	10	9	-	-	10	9	10	16
CARROTS								
State Total								
Massachusetts	99	80	2	(D)	99	(D)	43	47
Counties								
Barnstable	8	3	-	-	8	3	1	(D)
Berkshire	7	1	-	-	7	1	5	1
Bristol	4	(D)	-	-	4	(D)	3	(D)
Dukes	5	4	-	-	5	4	3	1
Essex	8	2	-	-	8	2	3	(Z)
Franklin	10	11	-	-	10	11	1	(D)
Hampden	3	(D)	-	-	3	(D)	2	(D)
Hampshire	10	33	2	(D)	10	(D)	5	23
Middlesex	23	11	-	-	23	11	10	6
Nantucket	-	-	-	-	-	-	1	(D)
Norfolk	5	(D)	-	-	5	(D)	1	(D)
Plymouth	4	2	-	-	4	2	1	(D)
Worcester	12	6	-	-	12	6	7	4
CAULIFLOWER								
State Total								
Massachusetts	25	11	-	-	25	11	12	(D)
Counties								
Barnstable	-	-	-	-	-	-	1	(D)
Essex	2	(D)	-	-	2	(D)	-	-
Franklin	1	(D)	-	-	1	(D)	2	(D)
Hampden	1	(D)	-	-	1	(D)	1	(D)
Hampshire	5	4	-	-	5	4	2	(D)
Middlesex	11	2	-	-	11	2	1	(D)
Norfolk	-	-	-	-	-	-	1	(D)
Plymouth	1	(D)	-	-	1	(D)	-	-
Worcester	4	4	-	-	4	4	4	1
CELERY								
State Total								
Massachusetts	14	5	-	-	14	5	4	(D)
Counties								
Barnstable	2	(D)	-	-	2	(D)	-	-
Essex	2	(D)	-	-	2	(D)	-	-
Hampshire	2	(D)	-	-	2	(D)	-	-
Middlesex	6	2	-	-	6	2	1	(D)
Worcester	2	(D)	-	-	2	(D)	3	1
CHICORY								
State Total								
Massachusetts	2	(D)	-	-	2	(D)	-	-
Counties								
Middlesex	1	(D)	-	-	1	(D)	-	-
Worcester	1	(D)	-	-	1	(D)	-	-

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
COLLARDS								
State Total								
Massachusetts	22	(D)	-	-	22	(D)	7	(D)
Counties								
Berkshire	3	(Z)	-	-	3	(Z)	-	-
Bristol	1	(D)	-	-	1	(D)	2	(D)
Dukes	2	(D)	-	-	2	(D)	-	-
Essex	2	(D)	-	-	2	(D)	-	-
Franklin	2	(D)	-	-	2	(D)	1	(D)
Hampshire	1	(D)	-	-	1	(D)	2	(D)
Middlesex	8	1	-	-	8	1	-	-
Worcester	3	1	-	-	3	1	2	(D)
CUCUMBERS AND PICKLES								
State Total								
Massachusetts	216	416	2	(D)	214	(D)	175	1,336
Counties								
Barnstable	5	(D)	-	-	5	(D)	4	4
Berkshire	14	2	-	-	14	2	12	6
Bristol	25	15	-	-	25	15	23	42
Dukes	2	(D)	-	-	2	(D)	2	(D)
Essex	12	16	-	-	12	16	13	15
Franklin	17	36	-	-	17	36	16	(D)
Hampden	12	26	-	-	12	26	12	16
Hampshire	25	255	-	-	25	255	25	(D)
Middlesex	31	20	-	-	31	20	18	14
Nantucket	1	(D)	-	-	1	(D)	1	(D)
Norfolk	11	2	-	-	11	2	13	10
Plymouth	21	8	2	(D)	19	(D)	13	3
Worcester	40	29	-	-	40	29	23	19
DAIKON								
State Total								
Massachusetts	1	(D)	-	-	1	(D)	-	-
Counties								
Middlesex	1	(D)	-	-	1	(D)	-	-
EGGPLANT								
State Total								
Massachusetts	109	65	-	-	109	65	91	71
Counties								
Barnstable	4	(Z)	-	-	4	(Z)	3	1
Berkshire	4	(D)	-	-	4	(D)	2	(D)
Bristol	10	8	-	-	10	8	16	18
Dukes	2	(D)	-	-	2	(D)	3	1
Essex	11	7	-	-	11	7	15	9
Franklin	4	3	-	-	4	3	7	12
Hampden	6	13	-	-	6	13	6	9
Hampshire	13	4	-	-	13	4	5	1
Middlesex	28	15	-	-	28	15	12	8
Nantucket	-	-	-	-	-	-	1	(D)
Norfolk	6	(D)	-	-	6	(D)	6	1
Plymouth	4	4	-	-	4	4	5	(D)
Worcester	17	10	-	-	17	10	10	8
ESCAROLE AND ENDIVE								
State Total								
Massachusetts	6	(D)	-	-	6	(D)	1	(D)
Counties								
Essex	-	-	-	-	-	-	1	(D)
Hampshire	1	(D)	-	-	1	(D)	-	-
Middlesex	4	(Z)	-	-	4	(Z)	-	-
Worcester	1	(D)	-	-	1	(D)	-	-
GARLIC								
State Total								
Massachusetts	53	18	1	(D)	52	(D)	39	16
Counties								
Barnstable	1	(D)	-	-	1	(D)	2	(D)
Berkshire	7	2	-	-	7	2	6	2
Bristol	1	(D)	-	-	1	(D)	-	-

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
GARLIC - Con.								
Counties - Con.								
Dukes	3	1	-	-	3	1	2	(D)
Essex	2	(D)	-	-	2	(D)	1	(D)
Franklin	5	1	-	-	5	1	7	4
Hampden	1	(D)	-	-	1	(D)	3	2
Hampshire	10	3	-	-	10	3	5	3
Middlesex	14	8	-	-	14	8	11	5
Norfolk	2	(D)	-	-	2	(D)	1	(D)
Plymouth	-	-	-	-	-	-	1	(D)
Worcester	7	1	1	(D)	6	(D)	-	-
HERBS, FRESH CUT								
State Total								
Massachusetts	56	19	(X)	(X)	56	19	35	25
Counties								
Barnstable	2	(D)	(X)	(X)	2	(D)	2	(D)
Berkshire	7	1	(X)	(X)	7	1	4	2
Bristol	1	(D)	(X)	(X)	1	(D)	1	(D)
Dukes	1	(D)	(X)	(X)	1	(D)	1	(D)
Essex	6	2	(X)	(X)	6	2	6	3
Franklin	4	6	(X)	(X)	4	6	-	-
Hampden	1	(D)	(X)	(X)	1	(D)	-	-
Hampshire	4	2	(X)	(X)	4	2	1	(D)
Middlesex	21	4	(X)	(X)	21	4	8	4
Nantucket	-	-	(X)	(X)	-	-	1	(D)
Norfolk	5	1	(X)	(X)	5	1	1	(D)
Plymouth	-	-	(X)	(X)	-	-	1	(D)
Worcester	4	2	(X)	(X)	4	2	9	4
HONEYDEW MELONS								
State Total								
Massachusetts	5	2	-	-	5	2	3	1
Counties								
Berkshire	-	-	-	-	-	-	2	(D)
Bristol	1	(D)	-	-	1	(D)	-	-
Middlesex	1	(D)	-	-	1	(D)	1	(D)
Plymouth	2	(D)	-	-	2	(D)	-	-
Worcester	1	(D)	-	-	1	(D)	-	-
HORSERADISH								
State Total								
Massachusetts	1	(D)	-	-	1	(D)	(NA)	(NA)
Counties								
Worcester	1	(D)	-	-	1	(D)	(NA)	(NA)
KALE								
State Total								
Massachusetts	22	37	-	-	22	37	23	35
Counties								
Barnstable	1	(D)	-	-	1	(D)	2	(D)
Berkshire	3	(Z)	-	-	3	(Z)	-	-
Bristol	-	-	-	-	-	-	1	(D)
Dukes	1	(D)	-	-	1	(D)	1	(D)
Essex	3	(D)	-	-	3	(D)	-	-
Franklin	5	(D)	-	-	5	(D)	9	(D)
Hampshire	2	(D)	-	-	2	(D)	3	1
Middlesex	7	1	-	-	7	1	2	(D)
Nantucket	-	-	-	-	-	-	1	(D)
Norfolk	-	-	-	-	-	-	1	(D)
Worcester	-	-	-	-	-	-	3	1
LETTUCE, ALL								
State Total								
Massachusetts	124	223	(X)	(X)	124	223	106	192
Counties								
Barnstable	8	4	(X)	(X)	8	4	9	10
Berkshire	12	5	(X)	(X)	12	5	16	11
Bristol	11	24	(X)	(X)	11	24	9	24
Dukes	2	(D)	(X)	(X)	2	(D)	1	(D)
Essex	17	47	(X)	(X)	17	47	10	60
Franklin	13	54	(X)	(X)	13	54	9	15
Hampden	3	(D)	(X)	(X)	3	(D)	6	9
Hampshire	9	13	(X)	(X)	9	13	11	17

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
LETTUCE, ALL - Con.								
Counties - Con.								
Middlesex	23	33	(X)	(X)	23	33	15	19
Nantucket	1	(D)	(X)	(X)	1	(D)	1	(D)
Norfolk	3	2	(X)	(X)	3	2	3	(D)
Plymouth	6	4	(X)	(X)	6	4	5	3
Worcester	16	19	(X)	(X)	16	19	11	13
LETTUCE, HEAD								
State Total								
Massachusetts	46	50	(X)	(X)	46	50	27	21
Counties								
Barnstable	3	1	(X)	(X)	3	1	4	2
Berkshire	5	1	(X)	(X)	5	1	2	(D)
Bristol	1	(D)	(X)	(X)	1	(D)	3	3
Essex	6	(D)	(X)	(X)	6	(D)	1	(D)
Franklin	5	(D)	(X)	(X)	5	(D)	2	(D)
Hampden	2	(D)	(X)	(X)	2	(D)	2	(D)
Hampshire	3	(D)	(X)	(X)	3	(D)	3	(D)
Middlesex	12	16	(X)	(X)	12	16	5	(D)
Nantucket	1	(D)	(X)	(X)	1	(D)	1	(D)
Norfolk	1	(D)	(X)	(X)	1	(D)	-	-
Plymouth	2	(D)	(X)	(X)	2	(D)	1	(D)
Worcester	5	4	(X)	(X)	5	4	3	2
LETTUCE, LEAF								
State Total								
Massachusetts	99	129	(X)	(X)	99	129	85	143
Counties								
Barnstable	5	4	(X)	(X)	5	4	6	(D)
Berkshire	9	3	(X)	(X)	9	3	15	9
Bristol	11	13	(X)	(X)	11	13	6	19
Dukes	2	(D)	(X)	(X)	2	(D)	1	(D)
Essex	12	34	(X)	(X)	12	34	9	(D)
Franklin	10	34	(X)	(X)	10	34	7	(D)
Hampden	3	(D)	(X)	(X)	3	(D)	6	(D)
Hampshire	6	(D)	(X)	(X)	6	(D)	8	14
Middlesex	19	13	(X)	(X)	19	13	10	12
Nantucket	-	-	(X)	(X)	-	-	1	(D)
Norfolk	3	(D)	(X)	(X)	3	(D)	1	(D)
Plymouth	4	(D)	(X)	(X)	4	(D)	5	(D)
Worcester	15	12	(X)	(X)	15	12	10	8
LETTUCE, ROMAINE								
State Total								
Massachusetts	34	43	(X)	(X)	34	43	24	28
Counties								
Barnstable	-	-	(X)	(X)	-	-	1	(D)
Berkshire	4	1	(X)	(X)	4	1	3	(D)
Bristol	3	(D)	(X)	(X)	3	(D)	4	2
Essex	3	(D)	(X)	(X)	3	(D)	2	(D)
Franklin	3	(D)	(X)	(X)	3	(D)	1	(D)
Hampden	2	(D)	(X)	(X)	2	(D)	1	(D)
Hampshire	3	(D)	(X)	(X)	3	(D)	2	(D)
Middlesex	8	4	(X)	(X)	8	4	3	(D)
Nantucket	-	-	(X)	(X)	-	-	1	(D)
Norfolk	1	(D)	(X)	(X)	1	(D)	2	(D)
Plymouth	1	(D)	(X)	(X)	1	(D)	-	-
Worcester	6	3	(X)	(X)	6	3	4	2
MUSTARD GREENS								
State Total								
Massachusetts	17	5	-	-	17	5	8	2
Counties								
Barnstable	2	(D)	-	-	2	(D)	-	-
Berkshire	3	(Z)	-	-	3	(Z)	-	-
Bristol	-	-	-	-	-	-	1	(D)
Franklin	2	(D)	-	-	2	(D)	3	1
Middlesex	8	2	-	-	8	2	2	(D)
Norfolk	1	(D)	-	-	1	(D)	1	(D)
Worcester	1	(D)	-	-	1	(D)	1	(D)

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
OKRA								
State Total								
Massachusetts	7	1	1	(D)	7	(D)	4	(Z)
Counties								
Essex	-	-	-	-	-	-	4	(Z)
Hampshire	1	(D)	-	-	1	(D)	-	-
Middlesex	3	(Z)	-	-	3	(Z)	-	-
Plymouth	1	(D)	1	(D)	1	(D)	-	-
Worcester	2	(D)	-	-	2	(D)	-	-
ONIONS, DRY								
State Total								
Massachusetts	48	106	1	(D)	48	(D)	42	57
Counties								
Barnstable	1	(D)	-	-	1	(D)	2	(D)
Berkshire	7	1	-	-	7	1	9	4
Bristol	1	(D)	-	-	1	(D)	7	2
Dukes	1	(D)	-	-	1	(D)	2	(D)
Essex	3	1	-	-	3	1	3	(Z)
Franklin	5	(D)	-	-	5	(D)	5	(D)
Hampden	2	(D)	-	-	2	(D)	1	(D)
Hampshire	5	71	-	-	5	71	8	37
Middlesex	11	3	-	-	11	3	1	(D)
Norfolk	2	(D)	-	-	2	(D)	-	-
Plymouth	3	1	1	(D)	3	(D)	3	2
Worcester	7	3	-	-	7	3	1	(D)
ONIONS, GREEN								
State Total								
Massachusetts	43	17	-	-	43	17	20	7
Counties								
Barnstable	2	(D)	-	-	2	(D)	-	-
Berkshire	7	2	-	-	7	2	2	(D)
Bristol	1	(D)	-	-	1	(D)	3	(D)
Dukes	2	(D)	-	-	2	(D)	1	(D)
Essex	2	(D)	-	-	2	(D)	1	(D)
Franklin	1	(D)	-	-	1	(D)	1	(D)
Hampden	1	(D)	-	-	1	(D)	1	(D)
Hampshire	8	5	-	-	8	5	1	(D)
Middlesex	14	4	-	-	14	4	2	(D)
Nantucket	-	-	-	-	-	-	1	(D)
Norfolk	-	-	-	-	-	-	1	(D)
Plymouth	1	(D)	-	-	1	(D)	2	(D)
Worcester	4	1	-	-	4	1	4	1
PARSLEY								
State Total								
Massachusetts	18	5	-	-	18	5	4	(D)
Counties								
Barnstable	-	-	-	-	-	-	1	(D)
Berkshire	3	(Z)	-	-	3	(Z)	-	-
Essex	6	3	-	-	6	3	-	-
Franklin	3	1	-	-	3	1	-	-
Hampshire	1	(D)	-	-	1	(D)	-	-
Middlesex	2	(D)	-	-	2	(D)	2	(D)
Worcester	3	(D)	-	-	3	(D)	1	(D)
PEAS, CHINESE (SUGAR AND SNOW)								
State Total								
Massachusetts	26	8	-	-	26	8	-	-
Counties								
Berkshire	1	(D)	-	-	1	(D)	-	-
Bristol	1	(D)	-	-	1	(D)	-	-
Hampshire	3	(Z)	-	-	3	(Z)	-	-
Middlesex	11	4	-	-	11	4	-	-
Norfolk	1	(D)	-	-	1	(D)	-	-
Worcester	9	2	-	-	9	2	-	-

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
PEAS, GREEN (EXCLUDING SOUTHERN)								
State Total								
Massachusetts	56	50	-	-	56	50	56	107
Counties								
Barnstable	1	(D)	-	-	1	(D)	-	-
Berkshire	8	2	-	-	8	2	5	2
Bristol	2	(D)	-	-	2	(D)	5	6
Dukes	1	(D)	-	-	1	(D)	2	(D)
Essex	9	6	-	-	9	6	4	5
Franklin	2	(D)	-	-	2	(D)	2	(D)
Hampden	1	(D)	-	-	1	(D)	3	(D)
Hampshire	2	(D)	-	-	2	(D)	7	(D)
Middlesex	13	19	-	-	13	19	6	10
Nantucket	-	-	-	-	-	-	1	(D)
Norfolk	5	1	-	-	5	1	3	4
Plymouth	3	3	-	-	3	3	6	4
Worcester	9	6	-	-	9	6	12	4
PEAS, GREEN SOUTHERN (COWPEAS) - BLACKKEYED, CROWDER, ETC.								
State Total								
Massachusetts	1	(D)	-	-	1	(D)	-	-
Counties								
Worcester	1	(D)	-	-	1	(D)	-	-
PEPPERS, BELL (EXCLUDING PIMIENTOS) (SEE TEXT)								
State Total								
Massachusetts	340	287	5	4	335	282	295	298
Counties								
Barnstable	9	3	-	-	9	3	11	4
Berkshire	22	3	-	-	22	3	19	4
Bristol	47	58	2	(D)	45	(D)	42	56
Dukes	5	(D)	-	-	5	(D)	3	(D)
Essex	24	22	-	-	24	22	33	36
Franklin	28	35	-	-	28	35	23	29
Hampden	15	31	-	-	15	31	15	38
Hampshire	45	43	-	-	45	43	32	47
Middlesex	48	30	1	(D)	47	(D)	46	36
Nantucket	2	(D)	-	-	2	(D)	2	(D)
Norfolk	15	4	-	-	15	4	12	3
Plymouth	27	11	2	(D)	25	(D)	18	10
Suffolk	-	-	-	-	-	-	1	(D)
Worcester	53	42	-	-	53	42	38	31
PEPPERS OTHER THAN BELL (INCLUDING CHILE) (SEE TEXT)								
State Total								
Massachusetts	186	173	7	(D)	179	(D)	113	221
Counties								
Barnstable	6	2	-	-	6	2	4	1
Berkshire	14	3	-	-	14	3	8	1
Bristol	31	53	4	(D)	27	(D)	14	32
Dukes	4	(D)	-	-	4	(D)	1	(D)
Essex	8	6	-	-	8	6	12	6
Franklin	14	(D)	1	(D)	13	(D)	9	(D)
Hampden	3	6	-	-	3	6	7	4
Hampshire	17	47	1	(D)	16	(D)	12	76
Middlesex	33	12	1	(D)	32	(D)	18	9
Nantucket	1	(D)	-	-	1	(D)	1	(D)
Norfolk	11	2	-	-	11	2	4	(D)
Plymouth	14	5	-	-	14	5	5	1
Worcester	30	13	-	-	30	13	18	8
POTATOES (SEE TEXT)								
State Total								
Massachusetts	205	2,616	7	(D)	204	(D)	103	3,220
Counties								
Barnstable	12	4	-	-	12	4	2	(D)
Berkshire	17	5	-	-	17	5	12	5
Bristol	19	(D)	-	-	19	(D)	4	(D)
Dukes	6	10	-	-	6	10	3	3

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
POTATOES (SEE TEXT) - Con.								
Counties - Con.								
Essex	10	10	-	-	10	10	4	8
Franklin	25	941	1	(D)	24	(D)	21	1,180
Hampden	3	(D)	-	-	3	(D)	2	(D)
Hampshire	29	1,531	5	(D)	29	(D)	22	1,880
Middlesex	21	13	-	-	21	13	6	20
Nantucket	1	(D)	-	-	1	(D)	1	(D)
Norfolk	14	2	-	-	14	2	1	(D)
Plymouth	16	8	1	(D)	16	(D)	7	10
Worcester	32	13	-	-	32	13	18	29
PUMPKINS								
State Total								
Massachusetts	503	2,037	14	(D)	499	(D)	510	2,723
Counties								
Barnstable	4	6	-	-	4	6	10	24
Berkshire	39	189	-	-	39	189	38	138
Bristol	54	189	2	(D)	54	(D)	55	191
Dukes	1	(D)	-	-	1	(D)	2	(D)
Essex	35	155	-	-	35	155	41	234
Franklin	49	181	4	(D)	45	(D)	48	219
Hampden	26	183	-	-	26	183	28	183
Hampshire	73	281	5	(D)	73	(D)	67	628
Middlesex	62	297	3	(D)	62	(D)	79	474
Nantucket	2	(D)	-	-	2	(D)	2	(D)
Norfolk	20	74	-	-	20	74	17	110
Plymouth	37	112	-	-	37	112	23	61
Suffolk	-	-	-	-	-	-	1	(D)
Worcester	101	361	-	-	101	361	99	454
RADISHES								
State Total								
Massachusetts	24	(D)	-	-	24	(D)	20	43
Counties								
Barnstable	1	(D)	-	-	1	(D)	1	(D)
Berkshire	3	(Z)	-	-	3	(Z)	-	-
Bristol	1	(D)	-	-	1	(D)	2	(D)
Dukes	1	(D)	-	-	1	(D)	-	-
Essex	3	1	-	-	3	1	1	(D)
Franklin	1	(D)	-	-	1	(D)	-	-
Hampden	-	-	-	-	-	-	1	(D)
Hampshire	5	1	-	-	5	1	5	(D)
Middlesex	7	2	-	-	7	2	1	(D)
Nantucket	-	-	-	-	-	-	1	(D)
Norfolk	-	-	-	-	-	-	1	(D)
Worcester	2	(D)	-	-	2	(D)	7	3
RHUBARB								
State Total								
Massachusetts	25	26	-	-	25	26	17	7
Counties								
Berkshire	3	(Z)	-	-	3	(Z)	2	(D)
Bristol	2	(D)	-	-	2	(D)	-	-
Dukes	-	-	-	-	-	-	1	(D)
Essex	2	(D)	-	-	2	(D)	4	1
Franklin	5	10	-	-	5	10	1	(D)
Hampden	1	(D)	-	-	1	(D)	1	(D)
Hampshire	2	(D)	-	-	2	(D)	2	(D)
Middlesex	4	2	-	-	4	2	3	1
Norfolk	-	-	-	-	-	-	1	(D)
Worcester	6	1	-	-	6	1	2	(D)
SPINACH								
State Total								
Massachusetts	42	15	1	(D)	42	(D)	14	7
Counties								
Berkshire	3	1	-	-	3	1	-	-
Bristol	2	(D)	-	-	2	(D)	1	(D)
Essex	4	2	-	-	4	2	2	(D)
Franklin	2	(D)	1	(D)	2	(D)	1	(D)
Hampden	1	(D)	-	-	1	(D)	-	-
Hampshire	4	3	-	-	4	3	1	(D)
Middlesex	16	5	-	-	16	5	2	(D)
Nantucket	-	-	-	-	-	-	1	(D)
Norfolk	-	-	-	-	-	-	1	(D)
Plymouth	1	(D)	-	-	1	(D)	1	(D)
Worcester	9	2	-	-	9	2	4	1

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
SQUASH, ALL (SEE TEXT)								
State Total								
Massachusetts	318	1,849	26	(D)	313	1,557	439	1,834
Counties								
Barnstable	6	1	-	-	6	1	13	8
Berkshire	16	10	1	(D)	16	7	31	40
Bristol	42	374	8	58	41	316	69	425
Dukes	3	4	-	-	3	4	4	(D)
Essex	22	77	-	-	22	77	35	105
Franklin	38	346	4	106	38	240	45	225
Hampden	14	37	1	(D)	14	37	24	110
Hampshire	42	676	11	120	38	556	58	508
Middlesex	49	155	1	(D)	49	150	62	179
Nantucket	-	-	-	-	-	-	2	(D)
Norfolk	5	2	-	-	5	2	18	91
Plymouth	29	48	-	-	29	48	17	17
Suffolk	-	-	-	-	-	-	1	(D)
Worcester	52	118	-	-	52	118	60	118
SQUASH, SUMMER (SEE TEXT)								
State Total								
Massachusetts	202	462	4	(D)	200	(D)	(NA)	(NA)
Counties								
Barnstable	4	(D)	-	-	4	(D)	(NA)	(NA)
Berkshire	13	(D)	-	-	13	(D)	(NA)	(NA)
Bristol	31	62	3	23	29	40	(NA)	(NA)
Dukes	3	(D)	-	-	3	(D)	(NA)	(NA)
Essex	13	38	-	-	13	38	(NA)	(NA)
Franklin	13	83	-	-	13	83	(NA)	(NA)
Hampden	6	(D)	-	-	6	(D)	(NA)	(NA)
Hampshire	25	175	-	-	25	175	(NA)	(NA)
Middlesex	31	(D)	1	(D)	31	(D)	(NA)	(NA)
Norfolk	3	(D)	-	-	3	(D)	(NA)	(NA)
Plymouth	22	11	-	-	22	11	(NA)	(NA)
Worcester	38	31	-	-	38	31	(NA)	(NA)
SQUASH, WINTER (SEE TEXT)								
State Total								
Massachusetts	241	1,387	22	(D)	231	(D)	(NA)	(NA)
Counties								
Barnstable	2	(D)	-	-	2	(D)	(NA)	(NA)
Berkshire	12	(D)	1	(D)	12	(D)	(NA)	(NA)
Bristol	29	312	5	35	26	276	(NA)	(NA)
Dukes	3	(D)	-	-	3	(D)	(NA)	(NA)
Essex	17	39	-	-	17	39	(NA)	(NA)
Franklin	35	263	4	106	34	157	(NA)	(NA)
Hampden	10	(D)	1	(D)	9	(D)	(NA)	(NA)
Hampshire	34	501	11	120	29	381	(NA)	(NA)
Middlesex	32	(D)	-	-	32	(D)	(NA)	(NA)
Norfolk	4	(D)	-	-	4	(D)	(NA)	(NA)
Plymouth	22	38	-	-	22	38	(NA)	(NA)
Worcester	41	87	-	-	41	87	(NA)	(NA)
SWEET CORN								
State Total								
Massachusetts	372	5,248	-	-	372	5,248	376	5,680
Counties								
Barnstable	3	(D)	-	-	3	(D)	5	21
Berkshire	29	310	-	-	29	310	37	423
Bristol	47	726	-	-	47	726	40	754
Dukes	2	(D)	-	-	2	(D)	3	(D)
Essex	27	521	-	-	27	521	27	525
Franklin	40	656	-	-	40	656	40	502
Hampden	25	332	-	-	25	332	27	330
Hampshire	49	791	-	-	49	791	50	780
Middlesex	44	585	-	-	44	585	59	799
Nantucket	2	(D)	-	-	2	(D)	2	(D)
Norfolk	14	152	-	-	14	152	13	343
Plymouth	23	369	-	-	23	369	12	384
Worcester	67	723	-	-	67	723	61	742

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
SWEET POTATOES (SEE TEXT)								
State Total								
Massachusetts	9	2	-	-	9	2	4	(D)
Counties								
Barnstable	1	(D)	-	-	1	(D)	-	-
Bristol	2	(D)	-	-	2	(D)	-	-
Essex	1	(D)	-	-	1	(D)	-	-
Franklin	1	(D)	-	-	1	(D)	1	(D)
Hampshire	-	-	-	-	-	-	2	(D)
Middlesex	4	1	-	-	4	1	1	(D)
TOMATOES IN THE OPEN (SEE TEXT)								
State Total								
Massachusetts	539	577	10	3	532	575	422	450
Counties								
Barnstable	26	14	-	-	26	14	14	11
Berkshire	37	15	-	-	37	15	29	18
Bristol	59	100	-	-	59	100	44	59
Dukes	8	(D)	-	-	8	(D)	8	(D)
Essex	48	59	4	1	45	58	44	59
Franklin	51	37	1	(D)	50	(D)	40	19
Hampden	19	40	-	-	19	40	21	32
Hampshire	52	52	1	(D)	52	(D)	42	43
Middlesex	73	79	2	(D)	72	(D)	69	90
Nantucket	2	(D)	-	-	2	(D)	2	(D)
Norfolk	21	24	-	-	21	24	18	22
Plymouth	47	40	2	(D)	45	(D)	27	14
Suffolk	-	-	-	-	-	-	1	(D)
Worcester	96	104	-	-	96	104	63	71
TURNIPS								
State Total								
Massachusetts	24	58	-	-	24	58	15	45
Counties								
Barnstable	-	-	-	-	-	-	1	(D)
Berkshire	4	1	-	-	4	1	2	(D)
Bristol	5	(D)	-	-	5	(D)	5	20
Franklin	1	(D)	-	-	1	(D)	3	(D)
Hampden	1	(D)	-	-	1	(D)	1	(D)
Hampshire	3	(D)	-	-	3	(D)	1	(D)
Middlesex	6	1	-	-	6	1	-	-
Nantucket	-	-	-	-	-	-	1	(D)
Norfolk	1	(D)	-	-	1	(D)	-	-
Plymouth	-	-	-	-	-	-	1	(D)
Worcester	3	1	-	-	3	1	-	-
TURNIP GREENS								
State Total								
Massachusetts	5	1	-	-	5	1	2	(D)
Counties								
Berkshire	3	(D)	-	-	3	(D)	-	-
Hampden	-	-	-	-	-	-	1	(D)
Middlesex	1	(D)	-	-	1	(D)	-	-
Worcester	1	(D)	-	-	1	(D)	1	(D)
WATERCRESS								
State Total								
Massachusetts	-	-	-	-	-	-	2	(D)
Counties								
Barnstable	-	-	-	-	-	-	1	(D)
Plymouth	-	-	-	-	-	-	1	(D)
WATERMELONS								
State Total								
Massachusetts	40	29	-	-	40	29	23	14
Counties								
Barnstable	1	(D)	-	-	1	(D)	-	-
Berkshire	4	1	-	-	4	1	4	1
Bristol	2	(D)	-	-	2	(D)	3	2
Essex	1	(D)	-	-	1	(D)	-	-

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
WATERMELONS - Con.								
Counties - Con.								
Franklin	4	2	-	-	4	2	1	(D)
Hampden	3	4	-	-	3	4	1	(D)
Hampshire	5	2	-	-	5	2	4	(D)
Middlesex	9	9	-	-	9	9	4	2
Norfolk	1	(D)	-	-	1	(D)	1	(D)
Plymouth	5	(D)	-	-	5	(D)	2	(D)
Worcester	5	4	-	-	5	4	3	2
VEGETABLES, OTHER (SEE TEXT)								
State Total								
Massachusetts	250	736	5	6	245	729	32	168
Counties								
Barnstable	9	11	-	-	9	11	1	(D)
Berkshire	20	36	-	-	20	36	1	(D)
Bristol	12	56	-	-	12	56	3	2
Dukes	6	(D)	-	-	6	(D)	-	-
Essex	19	58	-	-	19	58	4	6
Franklin	27	124	-	-	27	124	4	(D)
Hampden	30	70	3	(D)	27	(D)	2	(D)
Hampshire	27	113	-	-	27	113	13	77
Middlesex	50	88	-	-	50	88	1	(D)
Nantucket	1	(D)	-	-	1	(D)	1	(D)
Norfolk	7	34	2	(D)	5	(D)	-	-
Plymouth	8	26	-	-	8	26	-	-
Suffolk	1	(D)	-	-	1	(D)	-	-
Worcester	33	74	-	-	33	74	2	(D)

¹ 2002 data do not include potatoes, sweet potatoes, or ginseng.

Table 31. Land in Orchards: 2007 and 2002

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

Geographic area	2007				2002			
	Total		Irrigated		Total		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
STATE TOTAL								
Massachusetts	458	5,416	86	766	384	5,426	79	698
COUNTIES								
Barnstable	9	(D)	3	14	12	29	3	(D)
Berkshire	24	221	4	(D)	25	181	5	8
Bristol	44	281	10	60	44	294	5	38
Dukes	5	7	1	(D)	5	11	3	2
Essex	32	488	8	87	24	366	8	114
Franklin	40	564	5	34	35	512	4	50
Hampden	31	235	7	40	35	589	6	36
Hampshire	38	327	7	43	20	266	1	(D)
Middlesex	53	697	12	316	45	894	10	120
Nantucket	1	(D)	-	-	-	-	-	-
Norfolk	14	123	6	(D)	5	66	2	(D)
Plymouth	31	59	4	8	23	46	4	12
Worcester	136	2,382	19	96	111	2,172	28	271

Table 32. Fruits and Nuts: 2007 and 2002

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Number	Farms	Number
NONCITRUS, ALL (SEE TEXT)						
State Total						
Massachusetts	2007	450	409	4,928	189	472
	2002	378	314	4,896	151	(D)
Counties, 2007						
Barnstable		9 (D)	9	(D)	2	(D)
Berkshire		24	23	193	6	28
Bristol		43 (D)	39	257	13	(D)
Dukes		5	5	7	-	-
Essex		32 (D)	29	429	11	(D)
Franklin		40 (D)	38	530	20	(D)
Hampden		30 (D)	30	215	10	(D)
Hampshire		38	38	286	13	39
Middlesex		53	44	636	30	61
Nantucket		1 (D)	1	(D)	-	-
Norfolk		14	14	107	8	16
Plymouth		29 (D)	26	54	9	(D)
Worcester		132	113	2,189	67	186
APPLES						
State Total						
Massachusetts	2007	369	330	3,938	151	349
	2002	338	282	4,083	123	396
Counties, 2007						
Barnstable		3 (D)	3	(D)	-	-
Berkshire		21	20	176	4	22
Bristol		37	33	101	12	18
Dukes		2 (D)	2	(D)	-	-
Essex		26	23	336	8	43
Franklin		36	34	481	15	26
Hampden		24	24	193	5	15
Hampshire		30	30	208	9	30
Middlesex		42	34	457	25	43
Norfolk		13	13	88	6	12
Plymouth		24	19	41	9	4
Worcester		111	95	1,845	58	135
APRICOTS						
State Total						
Massachusetts	2007	22	14	(D)	9	(D)
	2002	18	14	(D)	4	(D)
Counties, 2007						
Barnstable		1 (D)	1	(D)	-	-
Bristol		3 (Z)	3	(Z)	-	-
Essex		1 (D)	1	(D)	-	-
Hampden		1 (D)	1	(D)	-	-
Hampshire		2 (D)	2	(D)	-	-
Middlesex		3 (D)	1	(D)	2	(D)
Norfolk		2 (D)	2	(D)	1	(D)
Worcester		9	3	(D)	6	(D)
CHERRIES, SWEET						
State Total						
Massachusetts	2007	41	24	17	19	8
	2002	42	33	19	11	(D)
Counties, 2007						
Berkshire		1 (D)	-	-	1	(D)
Bristol		4 (D)	4	(D)	-	-
Essex		4 (D)	2	(D)	2	(D)
Franklin		2 (D)	1	(D)	1	(D)
Hampden		1 (D)	1	(D)	-	-
Hampshire		7	7	7	-	-
Middlesex		6 (D)	1	(D)	5	(D)
Norfolk		1 (D)	1	(D)	1	(D)
Worcester		15	7	4	9	2
CHERRIES, TART						
State Total						
Massachusetts	2007	24	19	8	7	1
	2002	21	17	9	4	1
Counties, 2007						
Bristol		1 (D)	1	(D)	-	-
Essex		4 (D)	3	(D)	1	(D)
Franklin		1 (D)	1	(D)	-	-
Hampshire		5 (D)	5	(D)	-	-
Middlesex		1 (D)	1	(D)	-	-

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Table 32. Fruits and Nuts: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Number	Farms	Number
CHERRIES, TART - Con.						
Counties, 2007 - Con.						
Norfolk	2	(D)	2	(D)	-	-
Worcester	10	3	6	(D)	6	(D)
GRAPES						
State Total						
Massachusetts	2007	182	65	163	30	19
	2002	184	55	146	21	38
Counties, 2007						
Barnstable	5	19	5	(D)	2	(D)
Berkshire	3	11	3	(D)	2	(D)
Bristol	8	106	8	(D)	3	(D)
Dukes	1	(D)	1	(D)	-	-
Essex	9	5	8	(D)	2	(D)
Franklin	4	(D)	2	(D)	4	1
Hampden	4	2	4	1	3	1
Hampshire	6	6	6	4	3	2
Middlesex	12	9	10	(D)	3	(D)
Plymouth	6	(D)	6	(D)	-	-
Worcester	18	19	12	15	8	4
NECTARINES						
State Total						
Massachusetts	2007	51	31	(D)	9	(D)
	2002	26	16	(D)	1	(D)
Counties, 2007						
Berkshire	1	(D)	-	-	1	(D)
Bristol	6	3	6	3	-	-
Essex	3	2	3	2	-	-
Hampden	1	(D)	1	(D)	-	-
Hampshire	5	(D)	5	(D)	-	-
Middlesex	4	(D)	2	(D)	2	(D)
Worcester	20	29	14	26	6	3
PEACHES, ALL (SEE TEXT)						
State Total						
Massachusetts	2007	498	189	431	67	67
	2002	426	170	365	48	61
Counties, 2007						
Barnstable	2	(D)	2	(D)	-	-
Berkshire	2	(D)	1	(D)	1	(D)
Bristol	18	28	18	27	4	1
Dukes	1	(D)	1	(D)	-	-
Essex	18	70	15	63	5	7
Franklin	16	40	15	38	5	2
Hampden	12	16	11	(D)	2	(D)
Hampshire	25	50	25	43	5	8
Middlesex	18	80	15	70	10	10
Norfolk	11	17	11	(D)	5	(D)
Plymouth	12	9	12	(D)	2	(D)
Worcester	71	184	63	151	28	33
PEARS, ALL						
State Total						
Massachusetts	2007	288	91	274	23	14
	2002	226	110	220	24	6
Counties, 2007						
Barnstable	1	(D)	1	(D)	-	-
Berkshire	3	6	3	6	-	-
Bristol	15	14	15	14	-	-
Essex	10	23	7	19	3	4
Franklin	8	8	6	(D)	4	(D)
Hampden	2	(D)	1	(D)	1	(D)
Hampshire	12	13	12	13	-	-
Middlesex	11	90	6	86	6	4
Norfolk	2	(D)	2	(D)	-	-
Plymouth	4	4	4	1	-	-
Worcester	41	129	34	127	9	2

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Table 32. Fruits and Nuts: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing age acres		Nonbearing age acres		
	Farms	Acres	Farms	Number	Farms	Number	
PLUMS AND PRUNES							
State Total							
Massachusetts	2007	69	39	56	33	19	5
	2002	52	38	36	27	18	11
Counties, 2007							
Barnstable		3	1	3	1	-	-
Berkshire		3	(D)	2	(D)	1	(D)
Bristol		10	4	10	(D)	1	(D)
Essex		3	2	3	2	-	-
Franklin		4	(D)	2	(D)	2	(D)
Hampden		1	(D)	1	(D)	-	-
Hampshire		8	5	8	5	-	-
Middlesex		5	1	3	(D)	2	(D)
Nantucket		1	(D)	1	(D)	-	-
Norfolk		3	(Z)	3	(Z)	-	-
Plymouth		3	2	3	2	-	-
Worcester		25	13	17	10	13	4
OTHER NONCITRUS FRUIT (SEE TEXT)							
State Total							
Massachusetts	2007	16	12	16	(D)	2	(D)
	2002	-	-	-	-	-	-
Counties, 2007							
Barnstable		1	(D)	1	(D)	-	-
Bristol		2	(D)	2	(D)	-	-
Dukes		1	(D)	1	(D)	-	-
Franklin		2	(D)	2	(D)	-	-
Middlesex		1	(D)	1	(D)	-	-
Plymouth		1	(D)	1	(D)	-	-
Worcester		8	8	8	(D)	2	(D)
NUTS, ALL (SEE TEXT)							
State Total							
Massachusetts	2007	26	16	17	13	11	3
	2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Counties, 2007							
Barnstable		1	(D)	1	(D)	-	-
Bristol		5	(D)	5	(D)	-	-
Essex		1	(D)	-	-	1	(D)
Franklin		1	(D)	1	(D)	1	(D)
Hampden		2	(D)	2	(D)	1	(D)
Hampshire		3	2	3	2	-	-
Plymouth		2	(D)	-	-	2	(D)
Worcester		11	7	5	(D)	6	(D)
ALMONDS							
State Total							
Massachusetts	2007	3	(Z)	3	(Z)	-	-
	2002	-	-	-	-	-	-
Counties, 2007							
Bristol		3	(Z)	3	(Z)	-	-
CHESTNUTS (SEE TEXT)							
State Total							
Massachusetts	2007	12	9	8	(D)	4	(D)
	2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Counties, 2007							
Essex		1	(D)	-	-	1	(D)
Hampshire		3	2	3	2	-	-
Worcester		8	(D)	5	(D)	3	(D)
WALNUTS, ENGLISH							
State Total							
Massachusetts	2007	8	4	6	(D)	3	(D)
	2002	2	(D)	1	(D)	1	(D)
Counties, 2007							
Bristol		5	(D)	5	(D)	-	-
Franklin		1	(D)	1	(D)	1	(D)
Worcester		2	(D)	-	-	2	(D)

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Table 32. Fruits and Nuts: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Number	Farms	Number
OTHER NUTS (SEE TEXT)						
State Total						
Massachusetts	6	3	3	1	4	2
2007	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002						
Counties, 2007						
Barnstable	1	(D)	1	(D)	-	-
Hampden	2	(D)	2	(D)	1	(D)
Plymouth	2	(D)	-	-	2	(D)
Worcester	1	(D)	-	-	1	(D)

Table 33. Land in Berries: 2007

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

Geographic area	Total		Irrigated	
	Farms	Acres	Farms	Acres
STATE TOTAL				
Massachusetts	1,027	14,804	617	13,673
COUNTIES				
Barnstable	91	1,127	66	1,082
Berkshire	38	52	6	6
Bristol	93	930	61	880
Dukes	8	9	2	(D)
Essex	41	116	14	(D)
Franklin	60	256	14	52
Hampden	41	136	5	63
Hampshire	54	180	14	63
Middlesex	72	176	27	81
Nantucket	2	(D)	2	(D)
Norfolk	16	(D)	9	25
Plymouth	395	11,241	365	11,066
Worcester	116	309	32	64

Table 34. Berries: 2007 and 2002

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Harvested		Not harvested	
	Farms	Acres	Farms	Acres	Farms	Acres
BLACKBERRIES AND DEWBERRIES						
State Total						
Massachusetts	72	(D)	61	35	11	(D)
2002	(NA)	(NA)	41	30	(NA)	(NA)
Counties, 2007						
Barnstable	2	(D)	2	(D)	-	-
Berkshire	5	1	5	1	-	-
Bristol	8	2	8	2	-	-
Essex	9	(D)	9	(D)	-	-
Franklin	5	3	2	(D)	3	(D)
Hampden	6	(D)	3	4	3	(D)
Hampshire	8	15	5	1	3	14
Middlesex	8	11	8	11	-	-
Plymouth	7	(D)	7	(D)	-	-
Worcester	14	5	12	(D)	2	(D)
BLUEBERRIES, TAME						
State Total						
Massachusetts	331	659	304	512	71	148
2002	(NA)	(NA)	237	395	(NA)	(NA)
Counties, 2007						
Barnstable	28	41	24	31	9	11
Berkshire	19	28	17	24	4	3
Bristol	36	45	32	42	8	3
Dukes	2	(D)	1	(D)	1	(D)
Essex	24	36	24	(D)	2	(D)
Franklin	27	(D)	25	33	4	(D)
Hampden	18	83	18	67	5	16
Hampshire	29	77	24	60	6	17
Middlesex	41	51	40	47	8	4
Nantucket	1	(D)	1	(D)	-	-
Norfolk	8	(D)	8	19	1	(D)
Plymouth	21	32	17	24	6	8
Worcester	77	207	73	132	17	75
BLUEBERRIES, WILD						
State Total						
Massachusetts	58	187	51	92	19	95
2002	(NA)	(NA)	40	411	(NA)	(NA)
Counties, 2007						
Barnstable	6	(D)	3	(D)	3	3
Berkshire	5	1	5	1	-	-
Bristol	1	(D)	1	(D)	-	-
Dukes	5	5	4	(D)	1	(D)
Essex	5	2	5	(D)	1	(D)
Franklin	3	(D)	3	(D)	2	(D)
Hampden	6	5	4	(D)	2	(D)
Hampshire	4	(D)	4	2	2	(D)
Middlesex	5	(D)	4	(Z)	5	(D)
Norfolk	2	(D)	2	(D)	-	-
Plymouth	5	15	5	(D)	1	(D)
Worcester	11	11	11	(D)	2	(D)
CRANBERRIES						
State Total						
Massachusetts	469	13,368	448	12,521	121	847
2002	(NA)	(NA)	482	14,707	(NA)	(NA)
Counties, 2007						
Barnstable	54	1,071	54	1,057	7	14
Bristol	51	864	48	759	19	105
Dukes	1	(D)	1	(D)	-	-
Middlesex	1	(D)	1	(D)	-	-
Nantucket	1	(D)	1	(D)	-	-
Norfolk	3	(D)	3	(D)	-	-
Plymouth	357	11,172	339	10,444	95	728
Worcester	1	(D)	1	(D)	-	-
CURRANTS						
State Total						
Massachusetts	18	(D)	18	(D)	-	-
2002	(NA)	(NA)	4	(D)	(NA)	(NA)
Counties, 2007						
Bristol	4	(Z)	4	(Z)	-	-
Essex	2	(D)	2	(D)	-	-
Franklin	1	(D)	1	(D)	-	-
Hampden	2	(D)	2	(D)	-	-
Hampshire	2	(D)	2	(D)	-	-

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Table 34. Berries: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Harvested		Not harvested	
	Farms	Acres	Farms	Acres	Farms	Acres
CURRENTS - Con.						
Counties, 2007 - Con.						
Middlesex	1	(D)	1	(D)	-	-
Plymouth	1	(D)	1	(D)	-	-
Worcester	5	(D)	5	(D)	-	-
LOGANBERRIES						
State Total						
Massachusetts	2	(D)	-	-	2	(D)
2002	(NA)	(NA)	-	-	(NA)	(NA)
Counties, 2007						
Worcester	2	(D)	-	-	2	(D)
RASPBERRIES, ALL						
State Total						
Massachusetts	224	162	202	140	46	22
2002	(NA)	(NA)	177	155	(NA)	(NA)
Counties, 2007						
Barnstable	14	5	14	5	3	1
Berkshire	19	9	19	9	-	-
Bristol	12	4	11	(D)	4	(D)
Essex	20	23	17	21	5	2
Franklin	30	27	25	24	9	3
Hampden	13	6	8	5	5	2
Hampshire	17	14	15	7	4	7
Middlesex	28	26	28	21	8	4
Nantucket	1	(D)	1	(D)	-	-
Norfolk	5	(D)	5	(D)	1	(D)
Plymouth	11	4	9	(D)	2	(D)
Worcester	54	42	50	40	5	2
STRAWBERRIES						
State Total						
Massachusetts	195	337	186	300	29	37
2002	(NA)	(NA)	155	267	(NA)	(NA)
Counties, 2007						
Barnstable	7	(D)	7	3	1	(D)
Berkshire	13	13	12	(D)	1	(D)
Bristol	13	12	11	11	4	(Z)
Dukes	1	(D)	1	(D)	-	-
Essex	20	45	18	40	6	5
Franklin	17	45	17	(D)	2	(D)
Hampden	16	36	14	31	4	5
Hampshire	23	68	22	(D)	2	(D)
Middlesex	26	48	26	42	3	6
Nantucket	1	(D)	1	(D)	-	-
Norfolk	7	11	7	(D)	1	(D)
Plymouth	18	17	18	17	-	-
Worcester	33	37	32	35	5	2
OTHER BERRIES						
State Total						
Massachusetts	15	(D)	13	(D)	2	(D)
2002	(NA)	(NA)	5	(D)	(NA)	(NA)
Counties, 2007						
Barnstable	1	(D)	1	(D)	-	-
Berkshire	3	(Z)	3	(Z)	-	-
Bristol	5	(D)	5	(D)	-	-
Franklin	1	(D)	1	(D)	-	-
Middlesex	1	(D)	1	(D)	-	-
Plymouth	1	(D)	1	(D)	-	-
Worcester	3	(D)	1	(D)	2	(D)

Table 35. Nursery, Greenhouse, Floriculture, Sod, Mushrooms, Vegetable Seeds, and Propagative Materials Grown for Sale: 2007 and 2002

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

Geographic area	2007					2002		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
AQUATIC PLANTS								
State Total								
Massachusetts	5	(D)	3	5	383,148	14	5,400	6
Counties								
Barnstable	-	-	-	-	-	2	(D)	-
Berkshire	-	-	-	-	-	1	-	(D)
Bristol	1	(D)	-	1	(D)	1	(D)	-
Dukes	-	-	-	-	-	1	(D)	-
Essex	-	-	-	-	-	1	-	(D)
Hampden	-	-	-	-	-	2	-	(D)
Hampshire	1	-	(D)	1	(D)	-	-	-
Middlesex	1	(D)	-	1	(D)	1	(D)	-
Norfolk	-	-	-	-	-	3	-	(D)
Worcester	2	(D)	(D)	2	(D)	2	(D)	(D)
BULBS, CORMS, RHIZOMES, AND TUBERS - DRY								
State Total								
Massachusetts	19	153,415	8	19	(D)	26	130,358	9
Counties								
Barnstable	1	-	(D)	1	(D)	2	-	(D)
Berkshire	-	-	-	-	-	3	(D)	(D)
Bristol	2	(D)	-	2	(D)	3	(D)	(D)
Essex	2	(D)	(D)	2	(D)	2	(D)	(D)
Franklin	3	(D)	(D)	3	(D)	3	(D)	(D)
Hampden	3	(D)	(D)	3	(D)	3	(D)	(D)
Hampshire	-	-	-	-	-	1	-	(D)
Middlesex	2	(D)	-	2	(D)	4	(D)	(D)
Nantucket	1	-	(D)	1	(D)	-	-	-
Plymouth	2	(D)	-	2	(D)	2	(D)	(D)
Suffolk	1	(D)	-	1	(D)	-	-	-
Worcester	2	(D)	(D)	2	(D)	3	(D)	(D)
CUTTINGS, SEEDLINGS, LINERS, AND PLUGS								
State Total								
Massachusetts	12	48,341	(D)	12	1,152,627	(NA)	(NA)	(NA)
Counties								
Barnstable	2	(D)	-	2	(D)	(NA)	(NA)	(NA)
Bristol	3	5,040	-	3	(D)	(NA)	(NA)	(NA)
Franklin	3	(D)	(D)	3	(D)	(NA)	(NA)	(NA)
Hampden	1	-	(D)	1	(D)	(NA)	(NA)	(NA)
Middlesex	1	(D)	-	1	(D)	(NA)	(NA)	(NA)
Plymouth	1	(D)	-	1	(D)	(NA)	(NA)	(NA)
Worcester	1	(D)	-	1	(D)	(NA)	(NA)	(NA)
FLORICULTURE CROPS - BEDDING/GARDEN PLANTS, CUT FLOWERS AND CUT FLORIST GREENS, FOLIAGE PLANTS, POTTED FLOWERING PLANTS, AND OTHER FLORICULTURE AND BEDDING CROPS, TOTAL								
State Total								
Massachusetts	597	8,302,646	907	597	117,748,643	713	10,437,228	727
Counties								
Barnstable	27	213,304	16	27	2,439,887	28	(D)	(D)
Berkshire	35	209,804	10	35	1,811,000	34	(D)	30
Bristol	61	775,463	90	61	15,093,958	82	1,284,621	56
Dukes	12	61,864	7	12	1,325,400	20	65,238	(D)
Essex	60	916,455	62	60	10,782,801	68	1,088,366	59
Franklin	57	572,512	133	57	8,134,375	55	468,272	66
Hampden	36	568,756	28	36	4,904,455	43	829,649	31
Hampshire	45	400,782	42	45	3,183,496	54	512,078	26
Middlesex	74	2,458,137	281	74	49,023,301	100	2,853,684	229
Nantucket	7	30,712	(D)	7	237,620	8	(D)	(D)
Norfolk	30	373,214	78	30	5,371,464	33	453,970	22
Plymouth	48	688,484	111	48	6,439,883	51	952,013	62
Suffolk	4	9,920	(D)	4	186,500	4	(D)	-
Worcester	101	1,023,239	46	101	8,814,503	133	1,082,847	118

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Table 35. Nursery, Greenhouse, Floriculture, Sod, Mushrooms, Vegetable Seeds, and Propagative Materials Grown for Sale: 2007 and 2002 - Con.

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

Geographic area	2007					2002		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
BEDDING/GARDEN PLANTS								
State Total								
Massachusetts	503	5,473,619	511	503	68,085,034	549	7,029,968	288
Counties								
Barnstable	23	174,904	7	23	2,095,837	20	124,599	(D)
Berkshire	31	160,485	(D)	31	1,233,750	26	242,823	(D)
Bristol	52	388,743	(D)	52	9,815,478	62	683,092	26
Dukes	9	(D)	4	9	(D)	13	53,638	5
Essex	56	672,975	47	56	8,536,803	58	711,238	40
Franklin	43	398,648	94	43	6,331,649	43	363,847	47
Hampden	31	364,906	12	31	2,714,940	39	595,418	16
Hampshire	34	208,460	32	34	1,772,595	36	254,176	4
Middlesex	61	1,618,298	(D)	61	(D)	78	2,193,238	51
Nantucket	5	(D)	(D)	5	(D)	3	(D)	-
Norfolk	26	218,248	70	26	(D)	25	219,348	10
Plymouth	39	474,252	103	39	5,960,982	36	664,993	40
Suffolk	4	9,920	(D)	4	186,500	3	(D)	-
Worcester	89	716,456	25	89	5,748,612	107	800,878	37
CUT FLOWERS AND CUT FLORIST GREENS								
State Total								
Massachusetts	111	468,432	(D)	111	4,001,834	165	498,780	204
Counties								
Barnstable	8	(D)	(D)	8	(D)	7	-	(D)
Berkshire	9	(D)	(D)	9	(D)	11	12,812	17
Bristol	7	21,900	1	7	(D)	14	(D)	(D)
Dukes	3	-	(D)	3	(D)	8	(D)	7
Essex	7	-	(D)	7	(D)	13	(D)	10
Franklin	19	(D)	28	19	(D)	14	(D)	(D)
Hampden	5	-	(D)	5	(D)	8	(D)	(D)
Hampshire	9	(D)	(D)	9	(D)	20	(D)	19
Middlesex	20	(D)	17	20	1,882,496	24	(D)	(D)
Nantucket	3	(D)	(D)	3	48,620	2	(D)	(D)
Norfolk	3	(D)	(D)	3	95,000	8	(D)	9
Plymouth	6	-	5	6	(D)	12	-	17
Worcester	12	(D)	16	12	69,720	24	19,200	68
FOLIAGE PLANTS, INDOOR								
State Total								
Massachusetts	31	201,799	(D)	31	754,564	39	491,744	11
Counties								
Barnstable	2	(D)	(D)	2	(D)	1	-	(D)
Berkshire	1	(D)	-	1	(D)	3	(D)	(D)
Bristol	5	7,016	-	5	(D)	4	(D)	(D)
Essex	7	(D)	(D)	7	343,513	6	(D)	(D)
Franklin	-	-	-	-	-	1	(D)	-
Hampden	2	(D)	(D)	2	(D)	3	(D)	(D)
Hampshire	1	(D)	-	1	(D)	-	-	-
Middlesex	2	(D)	-	2	(D)	5	(D)	(D)
Norfolk	2	(D)	-	2	(D)	3	(D)	-
Plymouth	2	(D)	-	2	(D)	4	(D)	-
Worcester	7	9,900	-	7	99,500	9	14,593	2
POTTED FLOWERING PLANTS								
State Total								
Massachusetts	162	2,070,211	286	162	44,781,951	231	2,416,736	224
Counties								
Barnstable	9	(D)	6	9	248,800	5	(D)	(D)
Berkshire	9	29,984	(D)	9	342,800	10	70,936	(D)
Bristol	20	357,804	(D)	20	5,076,450	33	578,665	24
Dukes	2	(D)	(D)	2	(D)	2	(D)	(D)
Essex	17	137,960	8	17	1,857,645	19	256,118	(D)
Franklin	11	(D)	(D)	11	1,572,814	8	(D)	(D)
Hampden	8	(D)	6	8	2,031,008	19	(D)	12
Hampshire	14	(D)	(D)	14	(D)	21	(D)	3
Middlesex	21	531,455	(D)	21	(D)	37	381,250	150
Nantucket	1	(D)	-	1	(D)	4	-	3
Norfolk	8	140,276	(D)	8	(D)	14	219,922	3
Plymouth	13	(D)	3	13	388,978	18	(D)	5
Suffolk	-	-	-	-	-	2	(D)	-
Worcester	29	272,818	6	29	2,889,411	39	248,176	11

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Table 35. Nursery, Greenhouse, Floriculture, Sod, Mushrooms, Vegetable Seeds, and Propagative Materials Grown for Sale: 2007 and 2002 - Con.

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

Geographic area	2007					2002		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
OTHER FLORICULTURE AND BEDDING CROPS (SEE TEXT)								
State Total								
Massachusetts	7	88,585	(D)	7	125,260	(NA)	(NA)	(NA)
Counties								
Essex	1	(D)	-	1	(D)	(NA)	(NA)	(NA)
Franklin	2	-	(D)	2	(D)	(NA)	(NA)	(NA)
Middlesex	1	(D)	(D)	1	(D)	(NA)	(NA)	(NA)
Worcester	3	(D)	-	3	7,260	(NA)	(NA)	(NA)
FLOWER SEEDS								
State Total								
Massachusetts	7	10,180	(D)	7	(D)	12	32,348	2
Counties								
Barnstable	1	(D)	-	1	(D)	1	-	(D)
Berkshire	-	-	-	-	-	3	(D)	(D)
Bristol	-	-	-	-	-	3	(D)	-
Essex	2	(D)	(D)	2	(D)	-	-	-
Hampden	-	-	-	-	-	2	(D)	(D)
Hampshire	-	-	-	-	-	1	(D)	-
Middlesex	2	(D)	-	2	(D)	-	-	-
Plymouth	1	(D)	-	1	(D)	2	(D)	-
Worcester	1	(D)	-	1	(D)	-	-	-
GREENHOUSE FRUITS AND BERRIES (SEE TEXT)								
State Total								
Massachusetts	4	(D)	(X)	4	(D)	(NA)	(NA)	(NA)
Counties								
Franklin	1	(D)	(X)	1	(D)	(NA)	(NA)	(NA)
Hampshire	1	(D)	(X)	1	(D)	(NA)	(NA)	(NA)
Worcester	2	(D)	(X)	2	(D)	(NA)	(NA)	(NA)
TOTAL GREENHOUSE VEGETABLES AND FRESH CUT HERBS (SEE TEXT)								
State Total								
Massachusetts	120	577,141	(X)	120	(D)	111	707,229	(X)
Counties								
Barnstable	6	18,956	(X)	6	70,520	5	27,468	(X)
Berkshire	8	32,700	(X)	8	144,900	10	91,728	(X)
Bristol	14	32,531	(X)	14	208,508	15	30,635	(X)
Dukes	2	(D)	(X)	2	(D)	2	(D)	(X)
Essex	13	71,794	(X)	13	386,710	10	52,102	(X)
Franklin	9	(D)	(X)	9	92,850	13	45,192	(X)
Hampden	3	64,500	(X)	3	(D)	8	(D)	(X)
Hampshire	11	52,015	(X)	11	248,448	11	114,982	(X)
Middlesex	12	82,407	(X)	12	606,518	8	(D)	(X)
Nantucket	2	(D)	(X)	2	(D)	2	(D)	(X)
Norfolk	9	67,534	(X)	9	70,642	8	(D)	(X)
Plymouth	9	57,762	(X)	9	(D)	6	22,900	(X)
Suffolk	-	-	(X)	-	-	1	(D)	(X)
Worcester	22	49,604	(X)	22	386,559	12	56,214	(X)
GREENHOUSE TOMATOES (SEE TEXT)								
State Total								
Massachusetts	93	412,744	(X)	93	(D)	(NA)	(NA)	(NA)
Counties								
Barnstable	6	8,556	(X)	6	41,320	(NA)	(NA)	(NA)
Berkshire	6	24,960	(X)	6	89,500	(NA)	(NA)	(NA)
Bristol	9	20,681	(X)	9	127,608	(NA)	(NA)	(NA)
Dukes	2	(D)	(X)	2	(D)	(NA)	(NA)	(NA)
Essex	9	35,297	(X)	9	(D)	(NA)	(NA)	(NA)
Franklin	5	(D)	(X)	5	33,500	(NA)	(NA)	(NA)
Hampden	3	(D)	(X)	3	(D)	(NA)	(NA)	(NA)
Hampshire	11	52,015	(X)	11	248,448	(NA)	(NA)	(NA)
Middlesex	11	(D)	(X)	11	(D)	(NA)	(NA)	(NA)
Nantucket	2	(D)	(X)	2	(D)	(NA)	(NA)	(NA)
Norfolk	7	63,603	(X)	7	39,194	(NA)	(NA)	(NA)
Plymouth	7	(D)	(X)	7	54,790	(NA)	(NA)	(NA)
Worcester	15	24,468	(X)	15	(D)	(NA)	(NA)	(NA)

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Table 35. Nursery, Greenhouse, Floriculture, Sod, Mushrooms, Vegetable Seeds, and Propagative Materials Grown for Sale: 2007 and 2002 - Con.

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

Geographic area	2007					2002		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
OTHER GREENHOUSE VEGETABLES AND FRESH CUT HERBS (SEE TEXT)								
State Total								
Massachusetts	58	164,397	(X)	58	2,255,185	(NA)	(NA)	(NA)
Counties								
Barnstable	3	10,400	(X)	3	29,200	(NA)	(NA)	(NA)
Berkshire	3	7,740	(X)	3	55,400	(NA)	(NA)	(NA)
Bristol	8	11,850	(X)	8	80,900	(NA)	(NA)	(NA)
Dukes	1	(D)	(X)	1	(D)	(NA)	(NA)	(NA)
Essex	10	36,497	(X)	10	(D)	(NA)	(NA)	(NA)
Franklin	6	8,822	(X)	6	59,350	(NA)	(NA)	(NA)
Hampden	1	(D)	(X)	1	(D)	(NA)	(NA)	(NA)
Middlesex	2	(D)	(X)	2	(D)	(NA)	(NA)	(NA)
Norfolk	6	3,931	(X)	6	31,448	(NA)	(NA)	(NA)
Plymouth	5	(D)	(X)	5	(D)	(NA)	(NA)	(NA)
Worcester	13	25,136	(X)	13	(D)	(NA)	(NA)	(NA)
MUSHROOMS (SEE TEXT)								
State Total								
Massachusetts	6	(D)	(X)	6	99,419	4	(D)	(X)
Counties								
Berkshire	1	(D)	(X)	1	(D)	1	(D)	(X)
Essex	1	(D)	(X)	1	(D)	-	-	(X)
Franklin	2	(D)	(X)	2	(D)	-	-	(X)
Hampshire	1	(D)	(X)	1	(D)	-	-	(X)
Norfolk	-	-	(X)	-	-	1	(D)	(X)
Worcester	1	(D)	(X)	1	(D)	2	(D)	(X)
NURSERY STOCK								
State Total								
Massachusetts	210	247,335	1,856	208	40,603,603	196	98,049	2,028
Counties								
Barnstable	17	(D)	49	17	1,263,737	13	-	41
Berkshire	19	(D)	69	19	(D)	8	(D)	13
Bristol	21	78,620	181	21	7,027,711	28	(D)	(D)
Dukes	3	-	12	3	(D)	10	-	11
Essex	18	(D)	39	18	(D)	21	(D)	(D)
Franklin	13	(D)	497	13	5,484,528	7	(D)	(D)
Hampden	17	-	77	16	422,350	16	-	132
Hampshire	14	-	144	14	(D)	12	(D)	89
Middlesex	27	(D)	276	27	(D)	16	-	(D)
Nantucket	9	19,288	20	9	(D)	3	(D)	(D)
Norfolk	16	(D)	38	16	2,626,941	15	(D)	44
Plymouth	13	28,300	79	13	1,154,573	16	-	(D)
Worcester	23	(D)	377	22	13,903,961	31	10,611	632
OTHER NURSERY CROPS (SEE TEXT)								
State Total								
Massachusetts	9	1,950	(D)	9	85,978	(NA)	(NA)	(NA)
Counties								
Barnstable	2	(D)	-	2	(D)	(NA)	(NA)	(NA)
Bristol	2	(D)	(D)	2	(D)	(NA)	(NA)	(NA)
Hampden	2	-	(D)	2	(D)	(NA)	(NA)	(NA)
Worcester	3	(D)	(D)	3	45,500	(NA)	(NA)	(NA)
SOD HARVESTED								
State Total								
Massachusetts	9	(X)	(D)	9	3,535,052	6	(X)	(D)
Counties								
Berkshire	1	(X)	(D)	1	(D)	1	(X)	(D)
Franklin	3	(X)	385	3	(D)	2	(X)	(D)
Hampden	2	(X)	(D)	2	(D)	2	(X)	(D)
Plymouth	2	(X)	(D)	2	(D)	1	(X)	(D)
Worcester	1	(X)	(D)	1	(D)	-	(X)	-

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Table 35. Nursery, Greenhouse, Floriculture, Sod, Mushrooms, Vegetable Seeds, and Propagative Materials Grown for Sale: 2007 and 2002 - Con.

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

Geographic area	2007					2002		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
TOBACCO PLANTS SOLD FOR TRANSPLANT (SEE TEXT)								
State Total								
Massachusetts	3	7,000	-	3	9,000	(NA)	(NA)	(NA)
Counties								
Franklin	2	(D)	-	2	(D)	(NA)	(NA)	(NA)
Hampden	1	(D)	-	1	(D)	(NA)	(NA)	(NA)
VEGETABLE SEEDS								
State Total								
Massachusetts	10	5,837	(D)	10	8,805	20	12,998	4
Counties								
Barnstable	2	(D)	-	2	(D)	1	(D)	-
Berkshire	-	-	-	-	-	2	-	(D)
Bristol	1	-	(D)	1	(D)	3	4,488	-
Dukes	-	-	-	-	-	1	-	(D)
Essex	2	(D)	(D)	2	(D)	-	-	-
Franklin	-	-	-	-	-	2	(D)	-
Hampden	-	-	-	-	-	1	(D)	-
Hampshire	1	-	(D)	1	(D)	2	(D)	(D)
Norfolk	-	-	-	-	-	1	-	(D)
Plymouth	2	(D)	-	2	(D)	3	3,125	-
Worcester	2	(D)	-	2	(D)	4	(D)	-
VEGETABLE TRANSPLANTS (SEE TEXT)								
State Total								
Massachusetts	44	110,384	19	44	423,205	(NA)	(NA)	(NA)
Counties								
Barnstable	6	2,560	(D)	6	8,550	(NA)	(NA)	(NA)
Berkshire	2	(D)	-	2	(D)	(NA)	(NA)	(NA)
Bristol	2	(D)	-	2	(D)	(NA)	(NA)	(NA)
Essex	4	17,000	-	4	43,086	(NA)	(NA)	(NA)
Franklin	6	33,140	(D)	6	(D)	(NA)	(NA)	(NA)
Hampden	2	(D)	-	2	(D)	(NA)	(NA)	(NA)
Hampshire	4	8,580	-	4	23,700	(NA)	(NA)	(NA)
Middlesex	5	(D)	(D)	5	81,000	(NA)	(NA)	(NA)
Norfolk	1	(D)	-	1	(D)	(NA)	(NA)	(NA)
Plymouth	2	(D)	-	2	(D)	(NA)	(NA)	(NA)
Worcester	10	14,144	(D)	10	81,420	(NA)	(NA)	(NA)

Table 36. Cut Christmas Trees: 2007 and 2002

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

Geographic area	2007					2002			
	Acres in production			Trees cut		Acres in production		Trees cut	
	Farms	Acres	Acres irrigated	Farms	Number	Farms	Acres	Farms	Number
STATE TOTAL									
Massachusetts	420	3,164	218	284	75,914	408	2,947	321	72,522
COUNTIES									
Barnstable	5	48	(D)	5	480	8	23	4	610
Berkshire	22	212	-	17	5,198	29	259	27	6,247
Bristol	17	71	(D)	11	1,196	23	121	18	2,540
Essex	54	370	16	35	9,332	43	292	32	7,014
Franklin	30	228	8	21	6,973	33	298	29	6,975
Hampden	40	359	(D)	21	11,532	36	405	30	15,398
Hampshire	51	366	(D)	30	7,661	38	225	31	6,318
Middlesex	49	322	17	33	4,677	53	326	42	4,735
Norfolk	15	65	-	10	1,921	8	42	7	607
Plymouth	32	271	17	17	3,327	29	140	23	2,280
Worcester	105	852	88	84	23,617	108	816	78	19,798

Table 37. Short Rotation Woody Crops: 2007 and 2002

[Not published for this State]

Table 38. Maple Syrup: 2007 and 2002

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

Geographic area	2007			2002		
	Farms	Number of taps	Syrup produced (gallons)	Farms	Number of taps	Syrup produced (gallons)
STATE TOTAL						
Massachusetts	292	252,780	41,249	289	236,745	51,589
COUNTIES						
Barnstable	1	(D)	(D)	-	-	-
Berkshire	31	24,298	4,020	41	24,275	5,164
Bristol	-	-	-	2	(D)	(D)
Essex	9	(D)	(D)	1	(D)	(D)
Franklin	98	130,974	20,259	114	115,117	25,770
Hampden	22	12,059	1,645	22	11,650	2,148
Hampshire	70	64,451	11,446	54	71,165	15,429
Middlesex	12	1,246	243	7	1,700	348
Norfolk	-	-	-	1	(D)	(D)
Plymouth	1	(D)	(D)	-	-	-
Worcester	48	18,127	3,360	47	12,207	2,607

Table 39. Grain Storage Capacity: 2007 and 2002

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

Geographic area	Grain storage capacity (see text)			Farms with capacity by North American Industry Classification System		
	Farms	Bushels	Average bushels per farm	Crop production (111)	Animal production (112)	
STATE TOTAL						
Massachusetts	2007 2002	58 38	518,580 400,279	8,941 10,534	23 19	35 19
COUNTIES, 2007						
Barnstable	3	(D)	(D)	-	3	
Berkshire	7	81,200	11,600	5	2	
Bristol	3	(D)	(D)	2	1	
Dukes	1	(D)	(D)	1	-	
Essex	3	(D)	(D)	1	2	
Franklin	1	(D)	(D)	-	1	
Hampden	2	(D)	(D)	-	2	
Hampshire	20	292,376	14,619	13	7	
Middlesex	3	12,004	4,001	-	3	
Plymouth	1	(D)	(D)	-	1	
Worcester	14	35,602	2,543	1	13	

Table 40. Commodities Raised and Delivered Under Production Contracts: 2007

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

Item	Farms	Number	Item	Farms	Number
EGGS, CHICKEN (DOZENS)			OTHER CATTLE, LIVESTOCK, POULTRY, OR AQUACULTURE (SEE TEXT)		
State Total			State Total		
Massachusetts	1	(D)	Massachusetts	5	(X)
Counties			Counties		
Bristol	1	(D)	Bristol	3	(X)
			Worcester	2	(X)
PULLETS FOR LAYING FLOCK REPLACEMENT					
State Total					
Massachusetts	1	(D)			
Counties					
Bristol	1	(D)			

Table 41. Machinery and Equipment on Operation: 2007 and 2002

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin	
VALUE OF MACHINERY AND EQUIPMENT ¹								
Estimated market value of all machinery and equipment	farms, 2007	7,690	406	522	777	81	531	741
	2002	5,980	284	401	628	79	384	570
	\$1,000, 2007	433,507	18,078	28,518	43,212	4,678	31,581	48,889
	2002	300,455	9,335	23,606	23,113	2,427	19,679	34,935
Average per farm	dollars, 2007	56,373	44,526	54,632	55,614	57,758	59,475	65,977
	2002	50,243	32,869	58,867	36,804	30,726	51,248	61,289
Farms by value group:								
\$1 to \$9,999	2007	1,708	115	118	172	16	91	133
	2002	1,992	106	84	248	35	145	231
\$10,000 to \$19,999	2007	1,298	64	78	123	12	78	112
	2002	1,006	57	73	159	14	37	51
\$20,000 to \$29,999	2007	1,073	57	77	112	19	73	119
	2002	729	23	46	35	5	50	85
\$30,000 to \$49,999	2007	1,094	68	81	97	11	99	111
	2002	581	38	54	52	5	22	39
\$50,000 to \$69,999	2007	751	31	67	69	2	72	59
	2002	479	19	41	23	4	44	30
\$70,000 to \$99,999	2007	482	22	21	67	2	29	51
	2002	278	9	-	34	9	15	20
\$100,000 to \$199,999	2007	841	29	60	95	12	57	101
	2002	517	27	87	57	7	41	68
\$200,000 to \$499,999	2007	374	20	14	39	7	27	46
	2002	351	5	14	13	-	29	33
\$500,000 or more	2007	69	-	6	3	-	5	9
	2002	47	-	2	7	-	1	13
SELECTED MACHINERY AND EQUIPMENT ¹								
Trucks, including pickups (see text)	farms, 2007	5,781	322	396	606	59	371	542
	2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	number, 2007	11,282	560	690	1,263	113	645	1,162
	2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tractors	farms, 2007	5,876	160	448	612	51	419	590
	2002	4,797	178	342	499	50	285	502
	number, 2007	13,534	277	1,005	1,547	104	914	1,417
	2002	11,831	279	764	1,229	102	767	1,293
Less than 40 horsepower (PTO)	farms, 2007	4,074	116	325	441	39	261	410
	2002	3,606	143	266	355	41	231	328
	number, 2007	6,639	160	491	741	(D)	466	650
	2002	6,393	178	449	634	57	409	600
40 to 99 horsepower (PTO)	farms, 2007	3,387	62	281	323	25	234	355
	2002	2,645	71	190	295	31	128	302
	number, 2007	5,963	94	459	655	(D)	383	672
	2002	4,567	(D)	263	489	(D)	267	587
100 horsepower (PTO) or more	farms, 2007	662	17	35	102	3	49	68
	2002	572	2	26	68	1	41	71
	number, 2007	932	23	55	151	(D)	65	95
	2002	871	(D)	52	106	(D)	91	106
Grain and bean combines, self-propelled	farms, 2007	25	-	6	3	-	-	3
	2002	30	-	8	3	-	-	1
	number, 2007	28	-	7	(D)	-	-	4
	2002	30	-	8	3	-	-	(D)
Cotton pickers and strippers, self-propelled	farms, 2007	-	-	-	-	-	-	-
	2002	-	-	-	-	-	-	-
	number, 2007	-	-	-	-	-	-	-
	2002	-	-	-	-	-	-	-
Forage harvesters, self-propelled	farms, 2007	95	2	14	20	-	2	10
	2002	54	3	4	5	-	8	7
	number, 2007	99	(D)	18	20	-	(D)	10
	2002	62	3	5	6	-	8	7
Hay balers	farms, 2007	1,838	3	211	181	16	82	228
	2002	1,526	2	98	115	13	69	146
	number, 2007	2,197	3	266	224	19	91	260
	2002	1,838	(D)	116	145	14	90	152
2007 INVENTORY								
Manufactured 2003 to 2007:								
Trucks, including pickups	farms	1,936	127	138	197	23	137	149
	number	2,378	164	147	241	26	172	177
Tractors	farms	1,360	37	97	105	3	125	141
	number	1,741	57	115	136	4	151	170
Less than 40 horsepower (PTO)	farms	668	26	45	44	-	73	67
	number	741	31	45	44	-	85	72
40 to 99 horsepower (PTO)	farms	721	11	55	50	2	48	72
	number	839	(D)	66	62	(D)	57	84
100 horsepower (PTO) or more	farms	128	8	4	19	1	9	12
	number	161	(D)	4	30	(D)	9	14
Grain and bean combines, self-propelled	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Cotton pickers and strippers, self-propelled	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Forage harvesters, self-propelled	farms	13	-	1	7	-	-	1
	number	13	-	(D)	7	-	-	(D)
Hay balers	farms	242	-	25	24	-	15	24
	number	259	-	27	24	-	16	24

See footnote(s) at end of table.

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Table 41. Machinery and Equipment on Operation: 2007 and 2002 - Con.

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

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
VALUE OF MACHINERY AND EQUIPMENT ¹								
Estimated market value of all machinery and equipment								
.....farms, 2007	507	711	700	14	264	882	7	1,547
.....2002	431	522	588	9	199	789	8	1,088
.....\$1,000, 2007	26,296	43,395	39,777	1,464	10,804	58,782	133	77,900
.....2002	15,272	29,496	25,306	(D)	8,852	56,270	(D)	50,384
Average per farm								
.....dollars, 2007	51,866	61,033	56,824	104,596	40,925	66,646	19,045	50,355
.....2002	35,433	56,507	43,038	(D)	44,484	71,318	(D)	46,309
Farms by value group:								
\$1 to \$9,999								
.....2007	126	151	121	-	90	168	3	404
.....2002	163	187	171	3	65	180	5	369
\$10,000 to \$19,999								
.....2007	83	93	122	3	52	187	1	290
.....2002	91	45	80	2	35	168	-	194
\$20,000 to \$29,999								
.....2007	55	123	107	-	32	100	1	198
.....2002	32	59	138	-	33	126	-	97
\$30,000 to \$49,999								
.....2007	71	107	99	2	21	133	1	193
.....2002	60	37	56	1	7	53	-	157
\$50,000 to \$69,999								
.....2007	62	70	80	1	25	62	1	150
.....2002	30	98	69	1	18	36	1	65
\$70,000 to \$99,999								
.....2007	39	34	46	2	11	62	-	96
.....2002	12	28	3	-	18	55	-	75
\$100,000 to \$199,999								
.....2007	46	92	87	3	22	99	-	138
.....2002	21	36	36	1	14	57	1	64
\$200,000 to \$499,999								
.....2007	22	32	33	3	11	58	-	62
.....2002	20	28	32	-	9	100	1	67
\$500,000 or more								
.....2007	3	9	5	-	-	13	-	16
.....2002	2	4	3	1	-	14	-	-
SELECTED MACHINERY AND EQUIPMENT ¹								
Trucks, including pickups (see text)								
.....farms, 2007	371	578	494	12	188	683	4	1,155
.....2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....number, 2007	788	1,178	1,007	52	306	1,533	5	1,980
.....2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tractors								
.....farms, 2007	395	569	547	13	182	613	3	1,274
.....2002	347	439	510	9	129	667	3	837
.....number, 2007	986	1,552	1,230	(D)	355	1,258	(D)	2,839
.....2002	932	1,508	1,028	(D)	259	1,320	(D)	2,321
Less than 40 horsepower (PTO)								
.....farms, 2007	283	391	359	5	117	417	2	908
.....2002	270	378	396	9	100	469	2	618
.....number, 2007	468	691	656	(D)	177	624	(D)	1,448
.....2002	497	837	654	(D)	146	735	(D)	1,180
40 to 99 horsepower (PTO)								
.....farms, 2007	238	382	294	8	99	356	1	729
.....2002	219	292	185	6	64	336	1	525
.....number, 2007	450	724	510	(D)	147	562	(D)	1,237
.....2002	355	560	323	(D)	96	466	(D)	1,008
100 horsepower (PTO) or more								
.....farms, 2007	54	89	53	3	27	56	-	106
.....2002	75	69	44	1	8	80	-	86
.....number, 2007	68	137	64	(D)	31	72	-	154
.....2002	80	111	51	(D)	17	119	-	133
Grain and bean combines, self-propelled								
.....farms, 2007	3	9	1	-	-	-	-	-
.....2002	2	12	1	-	3	-	-	-
.....number, 2007	3	10	(D)	-	-	-	-	-
.....2002	(D)	12	(D)	-	3	-	-	-
Cotton pickers and strippers, self-propelled								
.....farms, 2007	-	-	-	-	-	-	-	-
.....2002	-	-	-	-	-	-	-	-
.....number, 2007	-	-	-	-	-	-	-	-
.....2002	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled								
.....farms, 2007	5	14	1	-	-	14	-	13
.....2002	4	1	-	-	3	15	-	4
.....number, 2007	5	14	(D)	-	-	14	-	13
.....2002	(D)	(D)	-	-	3	18	-	7
Hay balers								
.....farms, 2007	147	216	135	4	58	79	-	478
.....2002	157	167	109	2	29	126	-	493
.....number, 2007	177	264	165	7	67	91	-	563
.....2002	176	231	145	(D)	36	143	-	585
2007 INVENTORY								
Manufactured 2003 to 2007:								
Trucks, including pickups								
.....farms	102	177	170	6	63	275	2	370
.....number	138	208	218	(D)	73	350	(D)	453
Tractors								
.....farms	95	134	137	7	35	142	-	302
.....number	122	178	167	13	45	182	-	401
Less than 40 horsepower (PTO)								
.....farms	53	55	66	-	16	87	-	136
.....number	59	59	70	-	19	97	-	160
40 to 99 horsepower (PTO)								
.....farms	46	86	73	4	18	66	-	190
.....number	58	97	82	(D)	19	75	-	219
100 horsepower (PTO) or more								
.....farms	5	19	13	3	7	8	-	20
.....number	5	22	15	(D)	7	10	-	22
Grain and bean combines, self-propelled								
.....farms	-	-	-	-	-	-	-	-
.....number	-	-	-	-	-	-	-	-
Cotton pickers and strippers, self-propelled								
.....farms	-	-	-	-	-	-	-	-
.....number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled								
.....farms	-	-	1	-	-	3	-	-
.....number	-	-	(D)	-	-	3	-	-
Hay balers								
.....farms	23	31	19	2	6	11	-	62
.....number	23	34	21	(D)	(D)	11	-	71

See footnote(s) at end of table.

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Table 41. Machinery and Equipment on Operation: 2007 and 2002 - Con.

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin		
2007 INVENTORY - Con.									
Manufactured prior to 2003:									
Trucks, including pickups (see text)	farms	4,704	273	319	487	51	295	466	
	number	8,904	396	543	1,022	87	473	985	
Tractors	farms	5,172	133	402	553	50	345	517	
	number	11,793	220	890	1,411	100	763	1,247	
Less than 40 horsepower (PTO)	farms	3,571	91	292	399	39	202	368	
	number	5,898	129	446	697	(D)	381	578	
40 to 99 horsepower (PTO)	farms	2,948	57	249	294	24	205	311	
	number	5,124	(D)	393	593	(D)	326	588	
100 horsepower (PTO) or more	farms	574	9	32	84	3	46	61	
	number	771	(D)	51	121	(D)	56	81	
Grain and bean combines, self-propelled	farms	25	-	6	3	-	-	3	
	number	28	-	7	(D)	-	-	4	
Cotton pickers and strippers, self-propelled	farms	-	-	-	-	-	-	-	
	number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled	farms	82	2	13	13	-	2	9	
	number	86	(D)	(D)	13	-	(D)	(D)	
Hay balers	farms	1,653	3	190	160	16	68	213	
	number	1,938	3	239	200	19	75	236	
Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester	
2007 INVENTORY - Con.									
Manufactured prior to 2003:									
Trucks, including pickups (see text)	farms	319	480	396	12	149	541	3	913
	number	650	970	789	(D)	233	1,183	(D)	1,527
Tractors	farms	356	508	484	10	163	523	3	1,125
	number	864	1,374	1,063	(D)	310	1,076	(D)	2,438
Less than 40 horsepower (PTO)	farms	248	346	319	5	102	344	2	814
	number	409	632	586	(D)	158	527	(D)	1,288
40 to 99 horsepower (PTO)	farms	217	334	246	8	91	306	1	605
	number	392	627	428	(D)	128	487	(D)	1,018
100 horsepower (PTO) or more	farms	51	80	44	-	22	49	-	93
	number	63	115	49	-	24	62	-	132
Grain and bean combines, self-propelled	farms	3	9	1	-	-	-	-	-
	number	3	10	(D)	-	-	-	-	-
Cotton pickers and strippers, self-propelled	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled	farms	5	14	-	-	-	11	-	13
	number	5	14	-	-	-	11	-	13
Hay balers	farms	133	190	118	4	55	70	-	433
	number	154	230	144	(D)	(D)	80	-	492

¹ 2002 data are based on a sample of farms.

Table 42. Fertilizers and Chemicals Applied: 2007 and 2002

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Commercial fertilizer, lime, and soil conditioners ^{1,2} .....farms, 2007	3,330	136	187	315	34	234	331
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	98,188	1,378	9,707	8,001	823	4,485	13,125
.....acres treated, 2002	107,375	2,175	7,981	6,883	366	5,036	16,379
Cropland fertilized, except cropland pastured .....farms, 2007	2,921	111	169	281	28	185	291
.....farms, 2002	2,671	115	137	281	23	168	300
.....acres treated, 2007	89,165	1,296	8,196	7,300	(D)	3,777	11,847
.....acres treated, 2002	99,678	2,144	7,387	6,645	(D)	4,912	15,459
Pastureland and rangeland fertilized .....farms, 2007	668	28	43	60	10	55	89
.....farms, 2002	554	8	64	46	11	18	17
.....acres treated, 2007	9,023	82	1,511	701	(D)	708	1,278
.....acres treated, 2002	7,697	31	594	238	(D)	124	920
Manure ¹ .....farms, 2007	1,301	23	119	115	11	86	201
.....farms, 2002	1,498	32	82	156	23	130	161
.....acres treated, 2007	32,236	(D)	7,553	1,932	50	1,343	5,942
.....acres treated, 2002	29,537	(D)	5,902	1,741	131	1,579	5,759
Chemicals used to control- ¹							
Insects .....farms, 2007	1,441	84	46	155	10	67	100
.....farms, 2002	1,464	79	48	185	6	83	110
.....acres treated, 2007	41,176	1,237	1,007	3,053	(D)	1,747	5,162
.....acres treated, 2002	42,128	1,992	1,304	2,944	(D)	1,416	6,486
Weeds, grass, or brush .....farms, 2007	1,326	65	55	129	4	78	129
.....farms, 2002	1,301	76	48	168	3	109	82
.....acres treated, 2007	41,313	880	4,423	2,601	(D)	1,608	5,189
.....acres treated, 2002	45,942	1,952	4,017	3,304	(D)	1,690	6,683
Nematodes .....farms, 2007	103	4	2	10	2	4	9
.....farms, 2002	186	6	-	27	1	11	22
.....acres treated, 2007	1,921	12	(D)	65	(D)	(D)	409
.....acres treated, 2002	4,664	962	-	320	(D)	(D)	1,183
Diseases in crops and orchards .....farms, 2007	720	45	18	83	7	27	51
.....farms, 2002	795	51	23	96	4	56	64
.....acres treated, 2007	16,675	570	254	1,273	16	601	1,517
.....acres treated, 2002	22,396	531	466	1,351	(D)	559	3,763
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ .....farms, 2007	216	6	7	13	-	11	22
.....farms, 2002	154	6	-	20	-	9	4
.....acres treated, 2007	3,865	(D)	115	224	-	83	649
.....acres treated, 2002	2,004	(D)	-	107	-	65	(D)

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Commercial fertilizer, lime, and soil conditioners ^{1,2} .....farms, 2007	226	342	308	12	96	494	4	611
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	5,878	14,265	8,191	401	1,235	13,985	6	16,708
.....acres treated, 2002	5,516	15,802	7,390	(D)	1,122	15,304	(D)	23,283
Cropland fertilized, except cropland pastured .....farms, 2007	188	307	276	12	81	464	4	524
.....farms, 2002	213	239	233	6	62	429	4	461
.....acres treated, 2007	5,451	13,095	7,647	(D)	1,056	13,624	6	14,913
.....acres treated, 2002	4,822	13,929	7,267	(D)	981	15,139	(D)	20,649
Pastureland and rangeland fertilized .....farms, 2007	50	70	47	1	19	48	-	148
.....farms, 2002	59	78	23	1	25	26	-	178
.....acres treated, 2007	427	1,170	544	(D)	179	361	-	1,795
.....acres treated, 2002	694	1,873	123	(D)	141	165	-	2,634
Manure ¹ .....farms, 2007	98	151	103	1	35	103	-	255
.....farms, 2002	55	193	103	2	50	73	-	438
.....acres treated, 2007	2,002	4,194	1,846	(D)	434	1,126	-	5,769
.....acres treated, 2002	843	3,554	1,262	(D)	467	733	-	7,453
Chemicals used to control- ¹								
Insects .....farms, 2007	91	132	126	6	33	389	-	202
.....farms, 2002	106	143	143	4	23	337	1	196
.....acres treated, 2007	2,789	5,778	2,493	(D)	447	12,137	-	4,917
.....acres treated, 2002	2,016	7,476	2,754	(D)	401	11,607	(D)	3,626
Weeds, grass, or brush .....farms, 2007	74	135	77	6	25	321	-	228
.....farms, 2002	79	129	88	3	16	290	1	209
.....acres treated, 2007	2,267	7,450	1,896	(D)	224	9,273	-	5,176
.....acres treated, 2002	1,741	8,728	1,458	(D)	306	9,950	(D)	5,970
Nematodes .....farms, 2007	8	19	6	-	-	24	-	15
.....farms, 2002	23	61	3	-	-	14	-	18
.....acres treated, 2007	232	496	315	-	-	322	-	48
.....acres treated, 2002	537	892	(D)	-	-	193	-	351
Diseases in crops and orchards .....farms, 2007	32	67	61	3	14	190	-	122
.....farms, 2002	53	80	76	1	7	188	1	95
.....acres treated, 2007	850	2,703	1,073	3	149	5,049	-	2,617
.....acres treated, 2002	982	4,123	1,752	(D)	105	6,883	(D)	1,868
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ .....farms, 2007	13	25	20	-	4	41	-	54
.....farms, 2002	9	11	31	1	2	45	-	16
.....acres treated, 2007	214	433	398	-	(D)	416	-	1,214
.....acres treated, 2002	14	115	654	(D)	(D)	455	-	444

¹ 2002 data are based on a sample of farms.

² 2002 farm count data are not comparable due to calculation change.

Table 43. Organic Agriculture: 2007

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
LAND USED FOR ORGANIC PRODUCTION							
Total acres used for organic production (see text)	farms 319	13	27	27	13	20	50
	acres 7,326	84	2,331	380	219	231	914
Acres from which organic crops were harvested	farms 270	12	20	21	8	15	49
	acres 3,427	(D)	1,391	142	(D)	84	613
Acres of organic pastureland	farms 95	2	12	15	3	6	15
	acres 1,989	(D)	795	218	162	93	264
Acres being converted to organic production	farms 116	7	2	19	-	5	16
	acres 2,901	9	(D)	217	-	(D)	252
VALUE OF SALES OF ORGANICALLY PRODUCED COMMODITIES							
Total organic product sales	farms 295	12	22	24	12	18	48
	\$1,000 17,515	369	(D)	320	103	624	2,978
By value of sales:							
\$1 to \$4,999	farms 155	1	10	11	7	10	20
	\$1,000 285	(D)	17	23	14	12	45
\$5,000 or more	farms 140	11	12	13	5	8	28
	\$1,000 17,230	(D)	(D)	297	89	612	2,933
Crops, including nursery and greenhouse	farms 264	12	19	20	8	15	48
	\$1,000 12,026	369	(D)	(D)	66	623	2,845
Livestock and poultry	farms 29	-	1	3	4	-	4
	\$1,000 (D)	-	(D)	(D)	(D)	-	2
Livestock and poultry products	farms 56	-	5	7	1	5	13
	\$1,000 (D)	-	(D)	20	(D)	1	131

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
LAND USED FOR ORGANIC PRODUCTION								
Total acres used for organic production (see text)	farms 5	31	59	3	10	20	1	40
	(D) (D)	704	597	61	116	95	(D)	1,553
Acres from which organic crops were harvested	farms 3	25	56	1	10	18	1	31
	acres 24	315	473	(D)	22	79	(D)	186
Acres of organic pastureland	farms 2	12	8	-	6	2	-	12
	acres (D)	87	109	-	26	(D)	-	182
Acres being converted to organic production	farms 11	11	10	-	4	6	1	24
	acres 43	290	15	-	20	33	(D)	221
VALUE OF SALES OF ORGANICALLY PRODUCED COMMODITIES								
Total organic product sales	farms 5	27	59	1	10	18	1	38
	\$1,000 26	1,436	2,069	(D)	(D)	2,159	(D)	(D)
By value of sales:								
\$1 to \$4,999	farms 4	12	40	-	6	7	-	27
	\$1,000 (D)	26	71	-	(D)	15	-	42
\$5,000 or more	farms 1	15	19	1	4	11	1	11
	\$1,000 (D)	1,410	1,999	(D)	(D)	2,143	(D)	(D)
Crops, including nursery and greenhouse	farms 3	25	53	1	10	18	1	31
	\$1,000 (D)	(D)	(D)	(D)	(D)	2,159	(D)	303
Livestock and poultry	farms 2	2	4	-	2	-	-	7
	\$1,000 (D)	(D)	17	-	(D)	-	-	(D)
Livestock and poultry products	farms -	4	4	-	4	-	-	13
	\$1,000 -	7	(D)	-	1	-	-	(D)

Table 44. Selected Practices: 2007

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

Geographic area	Received irrigation water from the U.S. Bureau of Reclamation (farms)	Generated energy or electricity on the farm (farms)	Used conservation methods (farms)	Practiced rotational or management intensive grazing (farms)	Grazed livestock on a per-head or AUM basis (farms)
STATE TOTAL					
Massachusetts	-	152	1,320	1,207	14
COUNTIES					
Barnstable	-	6	43	24	2
Berkshire	-	13	128	123	2
Bristol	-	16	115	130	-
Dukes	-	5	12	17	-
Essex	-	14	99	83	-
Franklin	-	13	174	140	5
Hampden	-	2	86	66	-
Hampshire	-	21	151	131	3
Middlesex	-	15	114	99	2
Nantucket	-	-	2	3	-
Norfolk	-	3	39	45	-
Plymouth	-	14	121	89	-
Suffolk	-	-	-	-	-
Worcester	-	30	236	257	-
Geographic area	Produced and sold value-added commodities (farms)	Marketed products through Community Supported Agriculture (CSA) (farms)	Raised or sold veal calves (farms)	Raised or sold hair sheep or wool-hair crosses (farms)	Had a barn built prior to 1960 (farms)
STATE TOTAL					
Massachusetts	613	221	61	104	2,565
COUNTIES					
Barnstable	25	8	-	6	41
Berkshire	50	15	9	13	224
Bristol	35	14	3	10	244
Dukes	11	1	-	-	18
Essex	31	18	1	2	184
Franklin	103	43	3	4	309
Hampden	40	12	4	5	162
Hampshire	52	20	8	6	272
Middlesex	63	48	3	14	241
Nantucket	3	1	-	-	4
Norfolk	17	6	3	2	80
Plymouth	43	9	9	11	214
Suffolk	-	-	-	-	1
Worcester	140	26	18	31	571

Table 45. Farms by North American Industry Classification System: 2007

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Total farms	7,691	406	522	777	81	531	741
Oilseed and grain farming (1111)	22	-	3	4	-	4	2
Vegetable and melon farming (1112)	662	22	48	73	9	50	68
Fruit and tree nut farming (1113)	893	72	23	85	7	31	50
Greenhouse, nursery, and floriculture production (1114)	865	38	48	79	10	94	69
Other crop farming (1119)	1,570	5	135	132	6	103	198
Tobacco farming (11191)	46	-	-	-	-	-	8
Cotton farming (11192)	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	1,524	5	135	132	6	103	190
Beef cattle ranching and farming (112111)	751	-	76	141	3	24	100
Cattle feedlots (112112)	53	-	4	11	-	1	6
Dairy cattle and milk production (11212)	258	-	33	20	1	4	62
Hog and pig farming (1122)	82	7	4	7	4	7	7
Poultry and egg production (1123)	480	18	33	59	6	31	52
Sheep and goat farming (1124)	279	8	20	37	3	12	28
Animal aquaculture and other animal production (1125,1129)	1,776	236	95	129	32	170	99

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Total farms	508	711	700	14	264	882	7	1,547
Oilseed and grain farming (1111)	-	6	-	-	-	-	-	3
Vegetable and melon farming (1112)	41	87	102	1	24	40	1	96
Fruit and tree nut farming (1113)	33	37	49	2	7	378	-	119
Greenhouse, nursery, and floriculture production (1114)	70	61	105	9	46	67	5	164
Other crop farming (1119)	149	226	122	2	37	66	-	389
Tobacco farming (11191)	12	26	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	137	200	122	2	37	66	-	389
Beef cattle ranching and farming (112111)	43	81	47	-	22	48	-	166
Cattle feedlots (112112)	9	3	-	-	-	4	-	15
Dairy cattle and milk production (11212)	13	29	10	-	4	10	-	72
Hog and pig farming (1122)	-	7	6	-	-	4	-	29
Poultry and egg production (1123)	30	24	51	-	30	42	-	104
Sheep and goat farming (1124)	21	22	30	-	12	17	-	69
Animal aquaculture and other animal production (1125,1129)	99	128	178	-	82	206	1	321

Table 46. Selected Operation and Operator Characteristics: 2007 and 2002

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin	
FARMS								
Land in farms	farms, 2007	7,691	406	522	777	81	531	741
	2002	6,075	285	401	624	83	400	586
	acres, 2007	517,879	5,233	66,352	39,252	7,916	27,834	79,465
	2002	518,570	5,990	68,630	36,085	7,826	27,856	74,281
Harvested cropland	farms, 2007	4,792	143	321	459	40	322	500
	2002	4,210	150	289	398	45	271	434
	acres, 2007	153,993	1,484	18,318	12,412	(D)	9,909	20,132
	2002	159,253	2,224	18,935	11,981	530	8,903	19,255
TENURE								
Full owners	farms, 2007	5,647	207	344	611	52	412	506
	2002	4,355	178	248	492	50	295	386
	acres, 2007	298,591	2,904	35,914	22,458	6,642	16,056	36,039
	2002	283,922	(D)	36,097	22,038	6,392	15,552	33,840
Harvested cropland	farms, 2007	3,293	107	180	311	23	232	301
	2002	2,900	117	169	290	32	186	267
	acres, 2007	54,765	682	4,478	4,417	(D)	4,201	4,412
	2002	52,934	814	4,189	5,382	(D)	3,290	4,342
Part owners	farms, 2007	1,373	42	146	125	16	68	197
	2002	1,221	27	127	89	11	70	179
	acres, 2007	193,496	1,681	28,783	12,942	(D)	10,532	38,426
	2002	210,371	(D)	29,817	12,254	1,148	11,146	38,723
Owned land in farms	acres, 2007	115,070	991	16,914	7,553	(D)	5,451	26,325
	2002	127,708	1,347	15,939	6,393	768	5,784	27,391
Rented land in farms	acres, 2007	78,426	690	11,869	5,389	(D)	5,081	12,101
	2002	82,663	(D)	13,878	5,861	380	5,362	11,332
Harvested cropland	farms, 2007	1,146	26	118	115	12	60	168
	2002	1,019	20	103	85	9	57	150
	acres, 2007	88,146	772	13,096	6,255	(D)	5,196	14,153
	2002	95,023	1,254	13,235	5,748	(D)	5,087	14,328
Tenants	farms, 2007	671	157	32	41	13	51	38
	2002	499	80	26	43	22	35	21
	acres, 2007	25,792	648	1,655	3,852	(D)	1,246	5,000
	2002	24,277	(D)	2,716	1,793	286	1,158	1,718
Harvested cropland	farms, 2007	353	10	23	33	5	30	31
	2002	291	13	17	23	4	28	17
	acres, 2007	11,082	30	744	1,740	(D)	512	1,567
	2002	11,296	156	1,511	851	(D)	526	585
2007 NUMBER OF ALL OPERATORS								
Total operators	number	12,265	622	860	1,223	138	869	1,216
Farms by number of operators:								
1 operator		4,075	238	268	423	40	267	342
2 operators		2,940	135	202	281	33	210	341
3 operators		480	21	23	57	4	37	46
4 operators		158	11	26	13	2	14	9
5 or more operators		38	1	3	3	2	3	3
Total women operators	number	4,834	221	332	419	74	391	465
Farms by number of women operators:								
1 operator		3,888	178	260	372	52	282	378
2 operators		378	20	36	19	8	41	36
3 operators		41	1	-	3	2	1	5
4 operators		13	-	-	-	-	6	-
5 or more operators		2	-	-	-	-	-	-
2002 NUMBER OF ALL OPERATORS								
Total operators	number	9,768	416	662	985	123	649	952
Farms by number of operators:								
1 operator		3,199	182	213	354	53	212	278
2 operators		2,298	84	147	211	23	144	267
3 operators		407	11	24	33	5	34	26
4 operators		121	7	8	22	1	4	13
5 or more operators		50	1	9	4	1	6	2
Total women operators	number	3,469	139	240	357	62	265	316
Farms by number of women operators:								
1 operator		2,742	102	199	267	52	181	256
2 operators		307	17	13	33	5	39	27
3 operators		31	1	5	8	-	2	2
4 operators		5	-	-	-	-	-	-
5 or more operators		-	-	-	-	-	-	-
PRINCIPAL OPERATOR CHARACTERISTICS								
Sex of operator:								
Male	farms, 2007	5,465	309	393	595	45	336	546
	2002	4,770	228	320	500	41	282	487
	acres, 2007	432,956	4,567	56,361	34,032	(D)	23,448	65,497
	2002	447,510	5,234	58,710	31,029	7,059	21,528	67,075
Female	farms, 2007	2,226	97	129	182	36	195	195
	2002	1,305	57	81	124	42	118	99
	acres, 2007	84,923	666	9,991	5,220	(D)	4,386	13,968
	2002	71,060	756	9,920	5,056	767	6,328	7,206
Primary occupation:								
Farming	2007	3,688	217	254	368	37	240	350
	2002	3,283	146	233	322	56	209	312
Other	2007	4,003	189	268	409	44	291	391
	2002	2,792	139	168	302	27	191	274

--continued

Table 46. Selected Operation and Operator Characteristics: 2007 and 2002 - Con.

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

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester	
FARMS									
Land in farms	farms, 2007	508	711	700	14	264	882	7	1,547
	2002	458	542	579	13	208	794	8	1,094
	acres, 2007	36,841	52,756	33,893	615	11,654	49,612	99	106,357
	2002	37,637	50,756	33,160	(D)	12,645	59,445	(D)	103,538
Harvested cropland	farms, 2007	340	482	452	14	147	592	6	974
	2002	311	403	389	10	105	578	5	822
	acres, 2007	10,219	19,834	12,010	399	2,569	15,909	(D)	30,065
	2002	10,961	19,819	11,707	(D)	2,403	18,304	(D)	34,031
TENURE									
Full owners	farms, 2007	364	485	497	9	221	706	7	1,226
	2002	340	323	415	8	165	660	7	788
	acres, 2007	22,692	26,558	17,344	513	8,505	33,538	99	69,329
	2002	23,124	23,601	16,368	(D)	7,457	42,438	(D)	53,060
Harvested cropland	farms, 2007	224	305	290	9	121	471	6	713
	2002	221	227	256	8	80	483	4	560
	acres, 2007	3,648	5,203	4,123	360	1,605	8,561	(D)	12,878
	2002	5,110	4,225	3,154	178	869	9,711	(D)	11,476
Part owners	farms, 2007	92	181	117	2	25	101	-	261
	2002	85	171	107	5	27	75	-	248
	acres, 2007	12,583	24,282	12,541	(D)	2,791	13,827	-	34,052
	2002	11,335	24,715	13,792	(D)	4,517	12,328	-	48,280
Owned land in farms	acres, 2007	7,267	13,622	6,249	(D)	1,032	7,742	-	21,308
	2002	7,505	13,772	7,269	43	2,010	8,128	-	31,359
Rented land in farms	acres, 2007	5,316	10,660	6,292	(D)	1,759	6,085	-	12,744
	2002	3,830	10,943	6,523	(D)	2,507	4,200	-	16,921
Harvested cropland	farms, 2007	78	145	101	2	21	83	-	217
	2002	70	135	94	2	16	61	-	217
	acres, 2007	5,733	13,606	6,880	(D)	942	6,085	-	14,955
	2002	4,915	14,633	7,284	(D)	1,301	5,622	-	21,264
Tenants	farms, 2007	52	45	86	3	18	75	-	60
	2002	33	48	57	-	16	59	1	58
	acres, 2007	1,566	1,916	4,008	(D)	358	2,247	-	2,976
	2002	3,178	2,440	3,000	-	671	4,679	(D)	2,198
Harvested cropland	farms, 2007	38	32	61	3	5	38	-	44
	2002	20	41	39	-	9	34	1	45
	acres, 2007	838	1,025	1,007	(D)	22	1,263	-	2,232
	2002	936	961	1,269	-	233	2,971	(D)	1,291
2007 NUMBER OF ALL OPERATORS									
Total operators	number	829	1,128	1,154	25	416	1,348	9	2,428
Farms by number of operators:									
1 operator		244	370	381	6	150	517	5	824
2 operators		211	285	237	6	88	303	2	606
3 operators		49	36	62	1	18	42	-	84
4 operators		4	20	12	1	6	12	-	28
5 or more operators		-	-	8	-	2	8	-	5
Total women operators	number	319	409	516	8	194	485	5	996
Farms by number of women operators:									
1 operator		275	368	355	6	146	374	5	837
2 operators		13	16	58	1	19	46	-	65
3 operators		6	3	7	-	2	3	-	8
4 operators		-	-	6	-	1	-	-	-
5 or more operators		-	-	-	-	-	1	-	1
2002 NUMBER OF ALL OPERATORS									
Total operators	number	723	910	919	23	360	1,240	12	1,794
Farms by number of operators:									
1 operator		235	269	343	9	102	415	4	530
2 operators		188	205	160	2	78	326	4	459
3 operators		30	48	53	-	17	44	-	82
4 operators		4	15	19	1	4	6	-	17
5 or more operators		1	5	4	1	7	3	-	6
Total women operators	number	247	311	350	12	139	400	5	626
Farms by number of women operators:									
1 operator		212	258	251	6	105	302	5	546
2 operators		13	14	48	3	17	43	-	35
3 operators		3	3	1	-	-	4	-	2
4 operators		-	4	-	-	-	-	-	1
5 or more operators		-	-	-	-	-	-	-	-
PRINCIPAL OPERATOR CHARACTERISTICS									
Sex of operator:									
Male	farms, 2007	373	525	435	11	168	647	4	1,078
	2002	370	434	413	6	160	647	6	876
	acres, 2007	31,046	43,398	26,891	(D)	7,283	44,897	(D)	87,616
	2002	33,490	43,450	27,550	(D)	9,263	52,679	(D)	89,820
Female	farms, 2007	135	186	265	3	96	235	3	469
	2002	88	108	166	7	48	147	2	218
	acres, 2007	5,795	9,358	7,002	(D)	4,371	4,715	(D)	18,741
	2002	4,147	7,306	5,610	(D)	3,382	6,766	(D)	13,718
Primary occupation:									
Farming	2007	226	358	341	12	126	464	5	690
	2002	231	276	322	6	97	497	2	574
Other	2007	282	353	359	2	138	418	2	857
	2002	227	266	257	7	111	297	6	520

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Table 46. Selected Operation and Operator Characteristics: 2007 and 2002 - Con.

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin	
PRINCIPAL OPERATOR CHARACTERISTICS - Con.								
Place of residence:								
On farm operated	2007	6,093	176	432	670	52	431	651
	2002	4,855	157	332	500	50	343	499
Not on farm operated	2007	1,598	230	90	107	29	100	90
	2002	1,220	128	69	124	33	57	87
Days worked off farm:								
None	2007	2,418	93	190	267	23	169	220
	2002	2,841	133	191	295	41	183	242
Any	2007	5,273	313	332	510	58	362	521
	2002	3,234	152	210	329	42	217	344
1 to 49 days	2007	799	44	30	75	8	55	81
	2002	387	15	15	31	4	22	44
50 to 99 days	2007	437	36	27	25	10	41	24
	2002	189	19	18	16	1	12	17
100 to 199 days	2007	780	85	60	46	10	59	87
	2002	499	24	45	74	11	36	60
200 days or more	2007	3,257	148	215	364	30	207	329
	2002	2,159	94	132	208	26	147	223
Years on present farm:								
2 years or less	2007	326	6	20	33	1	27	38
	2002	172	12	6	26	1	19	27
3 or 4 years	2007	442	37	24	15	1	43	49
	2002	388	22	25	48	14	16	31
5 to 9 years	2007	1,249	104	73	87	11	67	145
	2002	1,073	95	60	78	31	72	105
10 years or more	2007	5,674	259	405	642	68	394	509
	2002	4,442	156	310	472	37	293	423
Average years on present farm	2007	21.2	16.6	23.4	23.1	22.2	20.9	20.6
	2002	20.1	16.0	21.2	19.8	13.4	19.8	21.1
Age group:								
Under 25 years	2007	49	4	6	2	-	-	14
	2002	29	-	-	10	5	-	3
25 to 34 years	2007	292	20	13	19	-	26	43
	2002	181	11	5	8	-	10	21
35 to 44 years	2007	972	47	55	87	8	46	105
	2002	1,171	61	60	124	8	74	114
45 to 54 years	2007	2,237	171	131	196	21	141	203
	2002	1,844	118	129	187	38	122	182
55 to 59 years	2007	1,164	72	65	100	15	101	121
	2002	857	28	61	83	19	47	90
60 to 64 years	2007	1,063	45	92	142	24	83	92
	2002	624	24	40	71	2	64	66
65 to 69 years	2007	767	20	69	95	3	60	81
	2002	446	18	33	43	3	33	35
70 years and over	2007	1,147	27	91	136	10	74	82
	2002	923	25	73	98	8	50	75
Average age	2007	56.3	52.7	58.3	58.4	58.5	56.9	54.4
	2002	54.9	52.8	56.3	54.9	52.4	55.0	54.1
INTERNET ACCESS								
Farms with-								
Internet access	2007	5,162	322	325	433	51	392	513
	2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
High-speed internet access	2007	3,834	271	189	339	44	349	239
	2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
FARM TYPOLOGY (SEE TEXT)								
Small family farms:								
Limited-resource	farms, 2007	1,390	84	103	127	12	67	135
	acres, 2007	60,155	476	5,632	4,576	(D)	2,249	10,580
Retirement	farms, 2007	1,301	40	126	156	10	84	109
	acres, 2007	80,976	657	13,777	6,601	(D)	4,144	10,415
Residential/lifestyle	farms, 2007	2,606	125	153	264	25	177	266
	acres, 2007	114,147	(D)	14,944	9,744	1,312	5,396	17,045
Farming occupation/lower sales	farms, 2007	1,325	96	74	144	13	115	135
	acres, 2007	85,790	948	10,755	6,275	(D)	5,941	11,980
Farming occupation/higher sales	farms, 2007	259	15	14	27	-	19	29
	acres, 2007	35,801	(D)	1,757	3,892	-	2,817	8,835
Large family farms	farms, 2007	171	9	12	10	-	15	24
	acres, 2007	34,098	(D)	4,023	1,551	-	1,545	7,542
Very large family farms	farms, 2007	136	5	8	8	3	5	20
	acres, 2007	39,583	(D)	6,783	1,883	(D)	307	8,558
Nonfamily farms	farms, 2007	503	32	32	41	18	49	23
	acres, 2007	67,329	673	8,681	4,730	(D)	5,435	4,530
TYPE OF ORGANIZATION								
Family or individual								
	farms, 2007	6,318	326	422	661	61	419	645
	2002	5,020	227	337	516	53	326	497
	acres, 2007	349,617	3,442	40,801	28,845	(D)	19,055	55,371
	2002	351,800	4,234	47,249	26,510	(D)	19,689	51,218
Partnership	farms, 2007	574	33	55	47	7	36	61
	2002	376	15	27	40	9	26	60
	acres, 2007	69,149	929	12,216	2,987	485	2,176	15,497
	2002	63,415	663	9,680	3,476	(D)	2,223	15,179

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Table 46. Selected Operation and Operator Characteristics: 2007 and 2002 - Con.

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

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester	
PRINCIPAL OPERATOR CHARACTERISTICS - Con.									
Place of residence:									
On farm operated	2007	415	581	550	5	219	562	5	1,344
	2002	379	438	466	9	176	522	2	982
Not on farm operated	2007	93	130	150	9	45	320	2	203
	2002	79	104	113	4	32	272	6	112
Days worked off farm:									
None	2007	159	197	260	4	73	297	4	462
	2002	193	216	315	8	121	364	5	534
Any	2007	349	514	440	10	191	585	3	1,085
	2002	265	326	264	5	87	430	3	560
1 to 49 days	2007	51	86	92	1	33	82	-	161
	2002	30	34	38	1	19	70	1	63
50 to 99 days	2007	38	25	47	1	13	73	-	77
	2002	18	19	9	-	1	30	-	29
100 to 199 days	2007	44	87	49	2	19	71	-	161
	2002	20	56	30	-	10	46	-	87
200 days or more	2007	216	316	252	6	126	359	3	686
	2002	197	217	187	4	57	284	2	381
Years on present farm:									
2 years or less	2007	40	21	36	-	14	24	-	66
	2002	10	18	11	-	1	11	1	29
3 or 4 years	2007	23	62	32	-	6	44	-	106
	2002	29	30	43	-	13	61	2	54
5 to 9 years	2007	88	127	121	2	54	140	1	229
	2002	63	86	128	2	39	122	2	190
10 years or more	2007	357	501	511	12	190	674	6	1,146
	2002	356	408	397	11	155	600	3	821
Average years on present farm	2007	21.2	20.1	20.7	20.6	19.4	21.4	19.9	21.9
	2002	20.7	20.4	20.6	22.5	19.1	20.0	13.5	21.0
Age group:									
Under 25 years	2007	4	4	4	-	-	6	-	5
	2002	4	2	1	-	-	2	-	2
25 to 34 years	2007	17	47	22	3	14	21	-	47
	2002	15	26	15	-	2	32	-	36
35 to 44 years	2007	67	79	99	2	49	126	-	202
	2002	89	106	119	1	51	151	4	209
45 to 54 years	2007	144	229	198	1	74	257	4	467
	2002	144	188	158	6	43	224	1	304
55 to 59 years	2007	73	110	114	4	32	116	-	241
	2002	52	62	90	3	52	109	1	160
60 to 64 years	2007	70	70	89	2	45	117	2	190
	2002	45	51	53	1	18	92	1	96
65 to 69 years	2007	43	75	63	-	18	92	-	148
	2002	37	25	39	2	12	71	-	95
70 years and over	2007	90	97	111	2	32	147	1	247
	2002	72	82	104	-	30	113	1	192
Average age	2007	56.6	55.6	56.2	51.9	54.8	56.4	58.1	56.5
	2002	54.8	54.0	55.3	53.3	54.8	54.9	49.6	55.7
INTERNET ACCESS									
Farms with-									
Internet access	2007	348	480	533	12	171	597	4	981
	2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
High-speed internet access	2007	248	326	436	12	144	482	2	753
	2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
FARM TYPOLOGY (SEE TEXT)									
Small family farms:									
Limited-resource	farms, 2007	95	148	137	2	38	106	-	336
	acres, 2007	6,314	8,267	3,870	(D)	1,408	2,191	-	14,427
Retirement	farms, 2007	107	108	114	-	38	147	2	260
	acres, 2007	8,244	7,480	5,046	-	1,548	4,204	(D)	18,566
Residential/lifestyle	farms, 2007	197	242	223	1	100	267	1	565
	acres, 2007	9,362	10,221	7,779	(D)	2,174	7,208	(D)	27,696
Farming occupation/lower sales	farms, 2007	59	121	106	5	52	160	1	244
	acres, 2007	5,628	9,004	4,338	(D)	4,956	5,180	(D)	20,559
Farming occupation/higher sales	farms, 2007	12	26	22	-	8	51	1	35
	acres, 2007	1,431	3,141	2,240	-	294	4,784	(D)	6,437
Large family farms	farms, 2007	12	16	12	-	2	30	-	29
	acres, 2007	1,789	4,412	1,377	-	(D)	5,984	-	4,914
Very large family farms	farms, 2007	10	19	19	-	3	16	-	20
	acres, 2007	2,415	5,856	2,730	-	(D)	5,633	-	4,620
Nonfamily farms	farms, 2007	16	31	67	6	23	105	2	58
	acres, 2007	1,658	4,375	6,513	511	(D)	14,428	(D)	9,138
TYPE OF ORGANIZATION									
Family or individual	farms, 2007	429	603	548	8	199	647	5	1,345
	2002	388	477	461	9	161	587	3	978
	acres, 2007	30,210	36,735	(D)	(D)	(D)	23,610	(D)	79,562
	2002	(D)	37,717	21,546	(D)	10,291	24,110	(D)	78,263
Partnership	farms, 2007	38	58	43	-	25	71	-	100
	2002	28	32	25	-	14	50	1	49
	acres, 2007	3,870	7,985	1,891	-	1,461	4,927	-	14,725
	2002	4,178	7,510	2,665	-	921	5,977	(D)	10,455

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Table 46. Selected Operation and Operator Characteristics: 2007 and 2002 - Con.

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
TYPE OF ORGANIZATION - Con.							
Corporation:							
Family-held	farms, 2007	566	32	24	56	7	23
	2002	494	35	27	48	16	19
	acres, 2007	68,774	591	7,971	5,734	(D)	3,379
	2002	70,935	871	8,388	4,326	(D)	3,072
Other than family held	farms, 2007	75	4	3	6	2	2
	2002	65	2	7	13	2	2
	acres, 2007	8,110	24	84	1,337	(D)	209
	2002	7,953	(D)	1,456	928	(D)	(D)
Other - cooperative, estate or trust, institutional, etc.							
	farms, 2007	158	11	18	7	4	24
	2002	120	6	3	7	3	10
	acres, 2007	22,229	247	5,280	349	(D)	3,015
	2002	24,467	(D)	1,857	845	(D)	(D)

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
TYPE OF ORGANIZATION - Con.								
Corporation:								
Family-held	farms, 2007	35	29	80	5	23	134	81
	2002	27	13	72	3	26	127	44
	acres, 2007	2,415	5,402	6,240	286	1,925	13,818	7,798
	2002	2,683	2,056	6,889	(D)	(D)	23,638	6,317
Other than family held	farms, 2007	2	4	2	1	12	16	5
	2002	10	6	4	-	3	10	4
	acres, 2007	(D)	(D)	(D)	(D)	166	5,176	42
	2002	1,230	477	248	-	(D)	2,351	(D)
Other - cooperative, estate or trust, institutional, etc.								
	farms, 2007	4	17	27	-	5	14	16
	2002	5	14	17	1	4	20	19
	acres, 2007	(D)	(D)	3,148	-	(D)	2,081	4,230
	2002	(D)	2,996	1,812	(D)	(D)	3,369	(D)

Table 47. Women Principal Operators - Selected Farm Characteristics: 2007

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

Geographic area	Land in farms		Harvested cropland		Market value of agricultural products sold (\$1,000)	Farms by economic class (see text) and primary occupation						
	Farms	Acres	Farms	Acres		Farming			Other than farming			
						Less than \$2,500	\$2,500 to \$9,999	\$10,000 or more	Less than \$2,500	\$2,500 to \$9,999	\$10,000 or more	
STATE TOTAL												
Massachusetts	2,226	84,923	973	15,486	40,180	638	202	324	683	219	160	
COUNTIES												
Barnstable	97	666	27	75	819	49	12	17	7	10	2	
Berkshire	129	9,991	44	1,416	1,780	44	12	18	37	5	13	
Bristol	182	5,220	69	910	1,552	52	11	26	67	13	13	
Dukes	36	(D)	14	61	250	12	1	6	5	11	1	
Essex	195	4,386	82	1,104	2,189	52	9	29	82	12	11	
Franklin	195	13,968	112	2,188	6,350	44	26	39	52	23	15	
Hampden	135	5,795	74	1,221	1,478	44	9	21	43	15	3	
Hampshire	186	9,358	91	1,721	1,967	50	29	23	49	26	9	
Middlesex	265	7,002	112	1,237	6,837	73	16	46	86	33	11	
Nantucket	3	(D)	3	(D)	(D)	1	1	1	-	-	-	
Norfolk	96	4,371	29	871	1,089	24	12	9	33	3	15	
Plymouth	235	4,715	102	1,132	4,976	79	12	29	71	14	30	
Suffolk	3	(D)	2	(D)	(D)	-	-	1	1	-	-	
Worcester	469	18,741	212	3,544	10,701	118	51	59	150	54	37	

Table 48. Women Operators: 2007

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

Geographic area	All farms with a woman operator ¹			Farms with a woman principal operator	
	Farms	Women operators	Land in farms (acres)	Farms	Land in farms (acres)
STATE TOTAL					
Massachusetts	4,294	4,702	237,114	2,226	84,923
COUNTIES					
Barnstable	199	215	1,799	97	666
Berkshire	291	324	33,945	129	9,991
Bristol	391	408	15,097	182	5,220
Dukes	62	70	7,455	36	(D)
Essex	327	374	11,647	195	4,386
Franklin	418	455	38,098	195	13,968
Hampden	294	317	19,514	135	5,795
Hampshire	382	398	22,410	186	9,358
Middlesex	422	497	13,038	265	7,002
Nantucket	7	7	105	3	(D)
Norfolk	167	187	6,727	96	4,371
Plymouth	420	471	13,629	235	4,715
Suffolk	5	5	26	3	(D)
Worcester	909	974	53,624	469	18,741

¹ Data were collected for a maximum of three operators per farm.

Table 49. Women Principal Operators - Tenure: 2007

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

Geographic area	Total farms	Full owners			Part owners			Tenants		
		Farms	Land in farms (acres)	Harvested cropland (acres)	Farms	Land in farms (acres)	Harvested cropland (acres)	Farms	Land in farms (acres)	Harvested cropland (acres)
STATE TOTAL										
Massachusetts	2,226	1,842	67,284	8,926	200	14,773	5,322	184	2,866	1,238
COUNTIES										
Barnstable	97	74	474	(D)	6	101	(D)	17	91	7
Berkshire	129	102	7,819	(D)	21	2,083	1,055	6	89	(D)
Bristol	182	166	4,604	730	6	(D)	(D)	10	(D)	(D)
Dukes	36	28	534	43	5	(D)	(D)	3	(D)	(D)
Essex	195	170	3,914	1,004	7	313	38	18	159	62
Franklin	195	166	10,066	992	20	3,463	(D)	9	439	(D)
Hampden	135	105	4,701	542	14	941	632	16	153	47
Hampshire	186	150	7,449	985	21	1,269	300	15	640	436
Middlesex	265	189	4,731	417	33	1,712	565	43	559	255
Nantucket	3	2	(D)	(D)	1	(D)	(D)	-	-	-
Norfolk	96	76	(D)	(D)	5	(D)	(D)	15	(D)	(D)
Plymouth	235	221	3,989	913	9	652	(D)	5	74	(D)
Suffolk	3	3	(D)	(D)	-	-	-	-	-	-
Worcester	469	390	15,970	2,378	52	2,627	1,102	27	144	64

Table 50. Spanish, Hispanic, or Latino Origin Operators: 2007

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

Geographic area	All farms with a Spanish, Hispanic, or Latino operator ¹			Farms with a Spanish, Hispanic, or Latino principal operator	
	Farms	Spanish, Hispanic, or Latino operators	Land in farms (acres)	Farms	Land in farms (acres)
STATE TOTAL					
Massachusetts	155	198	7,699	120	5,514
COUNTIES					
Barnstable	11	11	367	9	349
Berkshire	8	8	1,673	5	1,634
Bristol	22	37	1,185	22	1,185
Dukes	1	1	(D)	-	-
Essex	5	5	721	1	(D)
Franklin	4	4	887	4	887
Hampden	27	39	543	25	(D)
Hampshire	8	8	(D)	1	(D)
Middlesex	25	32	479	20	205
Plymouth	17	26	348	12	248
Worcester	27	27	1,291	21	714

¹ Data were collected for a maximum of three operators per farm.

Table 51. American Indian or Alaska Native Operators: 2007

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

Geographic area	All farms with an American Indian or Alaska Native operator ¹			Farms with an American Indian or Alaska Native principal operator	
	Farms	American Indian or Alaska Native operators	Land in farms (acres)	Farms	Land in farms (acres)
STATE TOTAL					
Massachusetts	24	26	(D)	11	342
COUNTIES					
Barnstable	9	9	350	7	338
Bristol	1	1	(D)	-	-
Middlesex	4	4	4	4	4
Norfolk	4	6	40	-	-
Plymouth	2	2	(D)	-	-
Worcester	4	4	240	-	-

¹ Data were collected for a maximum of three operators per farm.

Table 52. Asian Operators: 2007

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

Geographic area	All farms with an Asian operator ¹			Farms with an Asian principal operator	
	Farms	Asian operators	Land in farms (acres)	Farms	Land in farms (acres)
STATE TOTAL					
Massachusetts	64	71	1,429	56	1,158
COUNTIES					
Barnstable	5	5	18	4	(D)
Essex	1	1	(D)	-	-
Franklin	10	11	239	5	(D)
Hampshire	9	10	935	9	935
Middlesex	21	26	58	21	58
Norfolk	6	6	(D)	5	(D)
Worcester	12	12	19	12	19

¹ Data were collected for a maximum of three operators per farm.

Table 53. Black or African American Operators: 2007

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

Geographic area	All farms with a Black or African American operator ¹			Farms with a Black or African American principal operator	
	Farms	Black or African American operators	Land in farms (acres)	Farms	Land in farms (acres)
STATE TOTAL					
Massachusetts	39	52	647	32	610
COUNTIES					
Barnstable	2	2	(D)	2	(D)
Dukes	3	3	3	-	-
Essex	2	4	(D)	1	(D)
Middlesex	7	8	13	4	(D)
Norfolk	1	1	(D)	1	(D)
Plymouth	14	22	(D)	14	(D)
Worcester	10	12	(D)	10	(D)

¹ Data were collected for a maximum of three operators per farm.

Table 54. Native Hawaiian or Other Pacific Islander Operators: 2007

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

Geographic area	All farms with a Native Hawaiian or Other Pacific Islander operator ¹			Farms with a Native Hawaiian or Other Pacific Islander principal operator	
	Farms	Native Hawaiian or Other Pacific Islander operators	Land in farms (acres)	Farms	Land in farms (acres)
STATE TOTAL					
Massachusetts	3	3	50	3	50
COUNTIES					
Middlesex	1	1	(D)	1	(D)
Plymouth	2	2	(D)	2	(D)

¹ Data were collected for a maximum of three operators per farm.

Table 55. White Operators: 2007

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

Geographic area	All farms with a White operator ¹			Farms with a White principal operator	
	Farms	White operators	Land in farms (acres)	Farms	Land in farms (acres)
STATE TOTAL					
Massachusetts	7,584	11,787	515,394	7,569	515,089
COUNTIES					
Barnstable	393	591	(D)	393	(D)
Berkshire	521	827	(D)	521	(D)
Bristol	777	1,200	39,252	777	39,252
Dukes	79	124	7,914	78	7,908
Essex	527	836	27,821	525	27,675
Franklin	735	1,184	79,358	735	79,358
Hampden	508	823	36,841	508	36,841
Hampshire	696	1,092	51,488	696	51,488
Middlesex	673	1,058	33,832	668	33,757
Nantucket	14	24	615	14	615
Norfolk	263	390	11,638	258	11,594
Plymouth	865	1,278	49,046	865	49,046
Suffolk	7	9	99	7	99
Worcester	1,526	2,351	106,279	1,524	106,245

¹ Data were collected for a maximum of three operators per farm.

Table 56. Operators Reporting More Than One Race: 2007

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

Geographic area	All farms with an operator reporting more than one race ¹			Farms with a principal operator reporting more than one race	
	Farms	Operators reporting more than one race	Land in farms (acres)	Farms	Land in farms (acres)
STATE TOTAL					
Massachusetts	41	44	1,741	20	630
COUNTIES					
Berkshire	1	1	(D)	1	(D)
Bristol	3	3	63	-	-
Dukes	3	3	8	3	8
Essex	5	8	(D)	5	(D)
Franklin	3	3	(D)	1	(D)
Hampden	2	2	(D)	-	-
Hampshire	6	6	333	6	333
Middlesex	4	4	64	2	(D)
Norfolk	1	1	(D)	-	-
Plymouth	5	5	(D)	1	(D)
Worcester	8	8	666	1	(D)

¹ Data were collected for a maximum of three operators per farm.

Appendix A.

Census of Agriculture Methodology

THE CENSUS POPULATION

The Census Mail List

The National Agricultural Statistics Service (NASS) maintains a list of farmers and ranchers from which the Census Mail List (CML) is compiled. The goal is to build as complete a list as possible of agricultural places that meet the NASS farm definition, that is, an operation that produces, or would normally produce and sell, \$1,000 or more of agricultural products per year. The CML compilation begins with the list used to define sampling populations for NASS surveys conducted for the agricultural estimates program. Each record on the list includes name, address, and telephone number plus additional information that are used to efficiently administer the census of agriculture and agricultural estimates programs.

NASS builds and improves the list on an ongoing basis by obtaining outside source lists. Sources include State and federal government lists, producer association lists, seed grower lists, pesticide applicator lists, veterinarian lists, marketing association lists, and a variety of other agriculture-related lists. NASS also obtains special commodity lists to address specific list deficiencies. These outside source lists are matched to the NASS list using record linkage programs. Most names on newly acquired lists are already on the NASS list. Records not on the NASS list are treated as potential farms until NASS can confirm their existence as a qualifying farm. Staff in NASS field offices routinely contact these potential farms to determine if they meet the NASS farm definition. For the 2007 Census of Agriculture, NASS made a concerted effort to work with Community-Based Organizations not only to improve list coverage for minorities but also to increase census awareness and participation.

List building activities for developing the 2007 CML

started in 2004. Between 2004 and 2007, NASS conducted a series of Agricultural Identification Surveys (AIS) on approximately 1.7 million records, which included nonrespondents from the 2002 census and newly added records from outside list sources. The AIS report form collected information that was used to determine if an operation met the NASS farm definition. If the definition was met, the operation was added to the NASS list and subsequently to the CML. Addressees that were nonrespondents were also added to the CML and identified with a special status code.

Measures were taken to improve name and address quality. Additional record linkage programs were run to detect and remove duplicate records both within each State and across States. List addresses were processed through the National Change of Address Registry and the Locatable Address Conversion System to ensure they were correct and complete. Records on the list with missing or invalid phone numbers were matched against a nationally available telephone database to obtain as many phone numbers as possible.

The official CML was established on September 1, 2007. The list contained 3,194,373 records. There were 2,198,410 records that were thought to meet the NASS farm definition and 995,963 potential farm records, which included AIS nonrespondents, other records added to the CML by the NASS field offices, and late adds to the CML that were not included in any previous AIS or State screening survey.

Not on the Mail List

To account for farming operations not on the CML, NASS used its area frame. The NASS area frame covers all land in the U.S. and includes all farms. The land in the U.S. is stratified by characteristics of the land. Segments of approximately equal size are

delineated within each strata and designated on aerial photographs. A probability sample of segments is drawn within each strata for the NASS annual area frame survey, known as the June Agricultural Survey (JAS). The JAS sample of segments is allocated to strata to provide accurate measures of acres planted to widely grown crops and inventories of hogs and cattle. Sampled segments in the June Survey are personally enumerated. Each operation identified within a segment boundary is known as a tract.

The 2007 JAS sample was allocated to strata so that it would provide additional measures of small and minority owned farms. The 2007 JAS consisted of 10,912 regular sampled segments, supplemented with 3,692 Agricultural Coverage Evaluation Survey (ACES) segments – segments selected to provide measures of small and minority owned farms. These additional ACES segments targeted farming demographics that typically had lower coverage rates on the list.

The information from each tract (operation) within a segment is matched against operations on the NASS list to determine the amount of undercoverage that exists for a wide range of farming sectors and farmer demographics. The names and addresses collected in the 2007 JAS and 2007 ACES were matched to the CML and checked for duplication. Farms from the June 2007 survey that did not match were determined to be Not on the Mail List (NML) and sent a report form of a different color to be easily identified. Data from the NML operations provided a measure of the undercoverage of the CML operations. Instructions on the census report form guided the respondent to complete the CML form and mail back both CML and NML forms together if duplicate forms were received. Those who returned a CML census form and an NML census form had been erroneously classified as NML and were removed from the NML.

The percentage of farms not represented on the CML varied considerably by State. In general, farms not on the mail list tended to be small in acreage, production, and sales of agricultural products. Farm operations were missed for various reasons, including the possibility that the operation started after the mail list was developed, the operation was so small that it did not appear in any agriculture-

related source lists, or the operation was erroneously classified as a nonfarm prior to mailout.

The NML consisted of 12,821 tracts. The CML was used with the NML in multiple frame estimation to represent all farming operations across all States, with the exception of Alaska. It is financially and logistically unfeasible to maintain an area frame in Alaska due to its vast land mass and relatively sparse agriculture.

DATA COLLECTION

Method of Enumeration

Mailout and mailback was the primary data collection method. It was supplemented with Electronic Data Reporting (EDR) on the Internet and non-response follow-ups by telephone and personal enumeration. The enumeration methods used in the 2007 census were similar to those used in the 2002 census.

Report Forms

A master report form was developed that included all data items to be collected in the census. From the master, two types of report forms were developed to be used in the 2007 census - a regionalized report form with 7 versions and a national report form. Each of the 24-page regionalized report forms (07-A0201, 07-A0202, 07-A0203, 07-A0204, 07-A0205, 07-A0206, 07-A0207) were designed to facilitate reporting crops most commonly grown within the report form region. The 12-page national report form (07-A0100) was designed for operations throughout the country with few commodities. The national report form collected the same information as the regional form, but it was formatted to fit on fewer pages. All of the forms allowed respondents to write in specific commodities that were not identified on their form. The national form was mailed to approximately 528,000 addresses on the CML (about 20 percent) and the regional form was mailed to 2.67 million addresses on the CML (about 80 percent).

Report Form Mailings and Respondent Follow-up

The initial mailout took place at the end of December 2007. Approximately 3.2 million packets

were mailed. Each packet contained a cover letter, instruction sheet, a labeled report form, and a return envelope. Mailout packet preparation, initial mailout, and two follow-up mailings to nonrespondents were handled by the Census Bureau's National Processing Center (NPC) in Jeffersonville, IN. The first follow-up was mailed during the last two weeks of February 2008 to approximately 1.3 million nonrespondents. The second follow-up was mailed the beginning of April 2008 to approximately 1.0 million nonrespondents. Additionally, NPC received, checked-in, scanned, and keyed (from image) returned report forms. NASS statisticians on site at NPC provided technical guidance and monitored NPC processing activities.

Select groups of census records were identified to receive special handling procedures. Report forms were labeled at NPC and shipped to the field offices for enumeration. These respondents were excluded from the initial and both follow-up mailings, and were referred to as "must" operations. Each "must" operation was enumerated by telephone or face-to-face. If a record was determined to be no longer in operation, their non-farm status was verified and documented. The field offices were responsible for enumerating or resolving all non-response "must" records in their State. Computer Assisted Telephone Interview (CATI) calling for nonrespondent "must" records was conducted between March 2008 and June 2008. Once enumerated, the report forms were either sent to NPC for check-in and data capture or the data were keyed directly from the form at the field office. The 169,000 "must" records fell into one of five groups.

The first "must" group consisted of 46,000 records "tagged" by the NASS field offices for personal enumeration rather than mailout and mailback enumeration. The second "must" group consisted of 4,000 "specialized" records including such operations as grazing associations, governmental units, research farms, college farms, etc.. The third "must" group was characterized by location. All 3,000 records in Alaska and Rhode Island were identified as "must" records because census statistics for these two States were based on responses to the CML because nonresponse was not permitted. The last two groups consisted of a total of 116,000 records expected to have either a large number of

acres in farm land or a large value of sales. Threshold levels were identified for each State.

Advanced Follow-up was conducted between February 2008 and April 2008. It focused on three groups of nonrespondents that included: respondents least likely to respond because they were nonrespondents to the 1997 and 2002 Censuses of Agriculture, even though they may have responded to other NASS surveys; respondents viewed as easy and quick interviews based on expected sales of zero, including respondents who received Conservation Reserve Program (CRP) payments and respondents to the AIS with expected future sales; and new records whose farm status was uncertain due to unsuccessful earlier screening attempts. The field offices conducted CATI and field enumeration for operations in their State. This phase was followed by Low-Response County Follow-up to attempt to reach a minimum response rate of at least 75 percent in all counties. It was conducted by the field offices using CATI between March 2008 and June 2008.

DATA COLLECTION OUTREACH AND PROMOTIONAL EFFORTS

NASS engaged in an unprecedented level of public outreach for the 2007 Census of Agriculture, seeking to increase the level of awareness and response among U.S. agricultural producers and, in particular, minority and small farm operators. This was accomplished through an integrated marketing communications program that focused on four primary areas: partnership building, public relations, paid media, and the Internet. External support was provided by a private agricultural marketing communications agency.

The unifying force behind the 2007 marketing campaign was the theme "Your Voice, Your Future, Your Responsibility." This was accompanied by supporting messages and artwork that created a consistent look and feel for all census communications.

Partnership

At the national level, NASS officials met with leaders from dozens of key agricultural organizations and other USDA agencies, successfully securing

their support in promoting the census among their constituencies through publications, special mailings, speeches, and other communications. In addition, NASS made special efforts to reach out to minority and limited-resource farmers and ranchers by partnering with a number of community-based organizations. The national-level outreach was mirrored by field offices at the State and local levels. Among the features of these collective efforts was the production of State-specific radio public service announcements (PSAs) featuring State secretaries and commissioners of agriculture, as well as a national radio PSA featuring the U.S. Secretary of Agriculture.

Coverage of American Indian and Alaska Native Farm Operators

To maximize coverage of American Indian and Alaska Native farm operators, special procedures were followed in the census. A concerted effort was made to get individual reports from every American Indian and Alaska Native farm operator in the country. If this was not possible within some reservations, a single reservation-level census report was obtained from knowledgeable reservation officials. These reports covered agricultural activity on the entire reservation. NASS reviewed these data and removed duplication with any data reported by American Indian or Alaska Native farm operators who responded on an individual census report form. Additionally NASS obtained, from knowledgeable reservation officials, the count of American Indian and Alaska Native farm operators (on reservations) who were not counted through individual census report forms, but whose agricultural activity was included in the reservation-level report form.

This information is summarized in Table D, **American Indian and Alaska Native Operators: 2007** (Table A in the Alaska publication), providing the number of farm operators (for up to three operators per farm) reported as American Indian or Alaska Native in the race category, either as a single race or in combination with other races, on the individual census report forms, plus the total number of American Indian or Alaska Native operators farming on reservations as reported by reservation officials. The count from the individual report forms is summarized in the “Individually reported”

column. It includes operators on or off reservations. The “Other” column provides counts of operators on reservations as reported by a reservation or tribal official. The “Total” column is simply a sum of the “Individually reported” and the “Other” columns. Tables in other parts of the publication count the reservation-level reports as single farms.

Public Relations

In the public relations arena, NASS and the contractor worked with the agriculture media at the national level and equipped NASS’s 46 field offices with communications tools that enabled them to deliver the right message to producers in their States. From customizable press releases, to radio public service announcements, to a video news release, to newsletter articles and letters to the editor, the public relations strategy was designed to ensure NASS fields offices could easily and effectively deliver the census message to local media. As a result, in the print media alone, the public relations efforts generated 27 million media impressions.

Paid Media

Because there were certain constituencies that were difficult to reach through partnership or public relations, NASS also employed a paid media strategy that was narrowly targeted to reach previously under-represented populations. NASS purchased limited print and radio advertising in areas where there were high concentrations of minority farmers and where 2002 census response rates were low.

Internet

For the 2007 census, NASS created a dedicated website, www.agcensus.usda.gov. This became a repository for all types of census information, including basic background materials, previous years’ census data, sample report forms, and news releases and other publicity materials. The website also enabled individuals to submit their contact information to ensure that they were on the mailing list to receive a census form. NASS also enhanced its online presence by purchasing banner ads and pay-per-click advertisements on key agricultural websites as well as major search engines.

REPORT FORM PROCESSING

Data Capture

All report forms returned to NPC were immediately checked in, using bar codes printed on the mailing label, and removed from follow up mailings. All forms with any data were scanned and an image was made of each page of a report form. Optical Mark Recognition (OMR) was used to capture categorical responses and to identify the other answer zones in which some type of mark was present.

Data entry operators keyed data from the scanned images using OMR results that highlighted the areas of the report forms with respondent entries. The keyer evaluated the contents and captured pertinent responses. Ten percent of the captured data were keyed a second time for quality control. If differences existed between the first keyed value and the second, an adjudicator handled resolution. The decision of the adjudicator was used to grade the performance of the keyers, who were required to maintain a certain accuracy level.

The images and the captured data were transferred to NASS's centralized network and became available to field offices and headquarters on a flow basis. The images were available for use in all stages of review. Images were computer generated for reports obtained from the telephone interviews and the Internet.

Editing Data

Captured data were processed through a format program. The program verified that record identifiers were valid and checked the basic integrity of the data fields. Rejected records were referred to analysts for correction. Accepted records were sent to a batch edit process. Each execution of the computer edit in batch mode consisted of records from only one State and flowed as the data were received from NPC.

All 2007 census records were passed through a complex computer edit. The edit determined whether a reporting operation met the minimum criteria to be counted as a qualifying farm (in-scope). Operations failing to meet the minimum criteria (out-of-scope) were referred to analysts for verification.

The edit examined each in-scope record for reasonableness and completeness and determined whether to accept the recorded value for each data item or take corrective action. Actions included removing erroneously reported values, replacing an unreasonable value with one consistent with other reported data, or providing a value for an overlooked item. To the extent possible, the edit determined a replacement value. Strategies for determining replacement values are discussed in the next section.

The edit systematically checked reported data section-by-section with the overall objective of achieving an internally consistent and complete report. NASS subject-matter experts defined the criteria for acceptable data. Problems that could not be resolved within the edit were referred to an analyst for intervention. Analysts in the NASS field offices used additional information sources, examined the scanned image, and determined an appropriate action. Field office analysts used an interactive version of the edit program to submit corrected data and immediately re-edit the record to ensure a satisfactory solution.

Imputing for Missing Data

Missing data occurred whenever a respondent failed to report in a cell that should have a positive value or when the edit determined a value was not reasonable and should be changed. The edit performed a sequence of steps that determined the best value to impute for the missing item. If an item could not be calculated directly from other data reported on the current form, the edit checked for previously reported data. Acreage, production, and inventory items may have been reported on a recent NASS crop or livestock survey. Operator characteristics, such as race and gender, were brought forward from the previous census if the operator had not changed in five years. Administrative data from the Farm Service Agency was used for a few items, such as Conservation Reserve Program acreage. When these deterministic sources failed to produce a solution, the edit invoked an automated imputation system which searched for a reporting farm of similar type, size, and location to provide a value for the missing data item. If the imputation algorithm failed to provide a solution, the record was referred to an analyst for resolution.

The guiding principal for imputation was to find a close match to the farm with the missing item. The census imputation algorithm relied on pre-established donor pools, one for each State. A donor pool included a collection of completed reports that had successfully navigated the edit. Each pool was further divided into groups of similar type and size, referred to as profiles. When the edit determined the need to impute an item, it went to the appropriate profile and searched for the best fit. Best fit was determined by calculating “distance” between the incomplete report and each candidate donor using a set of match variables. Match variables were specific to each section of the report form and included the latitude and longitude of the principal county of operation. The distance was the sum of the squared differences between the reported values of the match variables. The donor with the smallest distance was considered the “nearest neighbor” and became the source for the imputation action. The value returned may have been a direct copy of the donor’s value. In many cases, a relationship between two related variables on the donor record was applied to a reported value on the incomplete record. Using crop production as an example, the donor’s production was divided by its harvested acres (yield) and multiplied by the recipient’s harvested acres to obtain imputed production.

The imputation process was imbedded in the edit. When the edit determined an item required imputation, the edit program launched the algorithm, waited for a value to be returned, validated that the returned value was satisfactory, and resumed editing. Since imputation was conducted independently for each occurrence, reports requiring multiple imputations drew from multiple donors.

Initial donor pools were established before the first batch edits were run. These donor pools were “seeded” with 2002 census data that were “mapped” to look like 2007 data and passed through the 2007 edit to ensure they were consistent using the 2007 data relationships. In addition, data from the 2005 Census Content Test were similarly mapped and edited. As 2007 data were successfully processed, new records systematically replaced the older records in the donor pool. The older records disappeared entirely from the donor pool after the first few batch edits.

The donor pool for each State was refreshed weekly during the first couple of months of editing. As the flow of new data slowed, the donor pools were refreshed biweekly. During the early stages of editing, records that needed to impute production for field crops or hay were set aside. When the donor pool no longer contained old data, these records were brought back and passed through the edit, ensuring 2007 yields were imputed.

In some cases, nearest-neighbor imputation was not possible. The requirement of a positive imputed value could have ruled out all available donors, resulting in an imputation failure. An imputation failure could have occurred if there were no donors in the same profile as the report being edited. Records with imputation failures were either held until more records were available in the donor pool or referred to an analyst.

Data Analysis

The complex edit ensured the full internal consistency of the record. Successfully completing the edit did not provide insight as to whether the report was reasonable compared to other reports in the county. Analysts were provided an additional set of tools, in the form of listings and graphs, to review record-level data across farms. These examinations revealed extreme outliers, large and small, or unique data distribution patterns that were possibly a result of reporting, recording, or handling errors. Potential problems were researched and, when necessary, corrections were made and the record interactively edited again.

WHOLE FARM NONRESPONSE ESTIMATION

Whole farm nonresponse adjustments were necessary because some farm operators did not respond to the census, despite numerous attempts to contact them. Statistical estimation procedures were used to account for these CML nonrespondents. The objectives of the nonresponse adjustments included estimating the number of in-scope records (farms) included in the total number of nonrespondents of a similar size and type by increasing the weights of reporting farms of that size and type. This procedure

was intended to account for those farms that failed to return a report form. These procedures were applied in all States, except Alaska and Rhode Island where staff were required to submit data for every record on the CML due to the low level of farming operations in these States. Large or unique farms (Must records) for which a report was required (and thus given a nonresponse weight of one) were exempt from this weighting procedure. These farms received intensive follow-ups. Data were imputed for the record if all followup contacts failed (rather than using the nonresponse weighting procedure).

After census data collection was completed, all CML records in a State were put into mutually exclusive weighting groups based on a list of farm characteristics known at the time of mail-out and the census response status of the record. Data mining techniques systematically checked selected variables, identifying those groups with differences in response rates that were statistically significant. The algorithm would take one characteristic, divide all names into two groups, and check for statistical significance between the response rates of the two groups. If a significant difference was found, these groups became permanent and the next characteristic would be examined within those two groups. If the response rate between two groups was not statistically significant, the groups were rejoined and the next characteristic was tested. This stepwise process continued until all characteristics were checked and no further statistical significance could be found. Since the “path” taken by the algorithm was driven by an individual State’s response pattern, the final breakout of weighting groups was customized for the State.

Within each weighting group, the percent of responding in-scope farms was computed. This rate was applied to the count of nonresponding farms to estimate the number of in-scope nonrespondents. The weights of the responding in-scope farms in each weighting group were scaled to account for nonresponding farms in that group.

This procedure was applied to all of the weighting groups except the one that consisted primarily of records who were included on the CML but had not responded to data collection efforts either during CML development activities or during the census

data collection phase. The estimate of in-scope records (farms) within this group was not reliable. To get a more reliable estimate, NASS conducted a nonresponse follow-up activity. After scheduled census data collection efforts were completed, a target sample of 5,000 records was selected from across all States. These 5,000 records were personally interviewed by NASS staff to determine if they were indeed in-scope records (farm) or out-of-scope records (nonfarm). Each record fell into one of these two categories. The percent of in-scope records was used to form the weight for this group.

When NASS summarizes the census of agriculture, it assigns the data from an individual report to the “principal” county. The principal county is the one county in which the majority of agricultural products are produced from a respondent. This is a question on the census report form and is therefore determined by the respondent. Because some large operations have significant production in multiple counties, some reports were broken up into multiple source counties, to more accurately allocate the data. Similarly, large farms operating in more than one State were treated as distinct, state-specific operations. A separate report form was completed for each county or State and a separate record was added.

The percent of the total that came from the whole farm nonresponse estimate is shown for selected census data items in Tables A and C. The estimates provided in Tables A and C do not reflect the effect of item nonresponse on individual census data items. The effect of this item nonresponse is discussed in the section on “Item Nonresponse” in “Nonmeasured Census Error.”

COVERAGE ADJUSTMENT

Although much effort was expended making the CML as complete as possible, the census did not count all U.S. farms. NASS’s goal was to produce agricultural census totals for publication that were fully adjusted for list undercoverage at the county level. NASS used its area frame with the CML in a dual-frame estimation procedure to measure the number of farms in the population and key characteristics of those farms. Area frame segments were enumerated using field enumerators (as

described in the first section of this appendix) who personally visited the tract operators within a segment. Because field enumeration is significantly more expensive than other modes of data collection, NASS's area frame sample allocation is only designed to generate reliable estimates at the State, regional, and U.S. level. Therefore, in order to produce estimates that represented all farms at the county level, NASS used an allocation process known as "calibration" to distribute the dual-frame estimates across counties.

Once all CML and NML data were collected, NASS analysts went through an extensive process to generate adjusted estimates. The weights of the CML respondents had been previously adjusted to account for all of the CML nonrespondents, referred to as list plus nonresponse (CML+NR). Simultaneously, NASS summarized the NML tract records to generate state-level NML survey estimates. These two pieces were then combined in a dual-frame estimation procedure to form State estimates of totals that represented all farms. These estimates are annotated as [(CML+NR) +NML]. The state-level totals for these variables were summed to yield national totals.

The whole farm nonresponse and list undercoverage record weighting processes were initially applied at the State level to produce adjusted estimates of farm numbers and land in farms for 65 different categories of 8 characteristics of the farm operation or the farm operator -- value of agricultural sales (8); age (2); female; race (4); Hispanic origin of principal farm operator; total number of farms and land in farms (2); 4 sales categories for each of 10 major commodities (40); and 7 farm type groups. The national-level adjusted estimates were smoothed across States to get initial State farm operation coverage targets because state-level farm-count estimates based on this two-piece formula sometimes had unacceptably high state-level standard errors and apparent biases. This often occurs when estimating a rare item, such as female farm operators, using a general purpose survey.

The smoothing process examined the proportion of the total JAS estimate attributable to the NML, for each of the 65 variables in each State and the U.S. Since the CML was built using standard national

methods, the NML percentages were expected to be uniform across States. The smoothed NML value for each of the 65 variables in a given State was calculated as the product of the state-level NML value and the weighted average of the ratios of the NML for a given variable in the State to the overall NML in the State and the NML for the given variable in the U.S. to the overall NML in the U.S. The weighting factor was chosen to minimize the mean square error under a random effects model with the control that the sum of the State smoothed NML values was equal to the total NML estimate for each of the 65 variables. This methodology effectively draws the state-level NML undercoverage proportions of the JAS toward the national estimate of undercoverage with the most extreme values adjusted the most. The smoothed NML values for each variable were added to the (CML + NR) totals to form calibration targets for each variable. Subject-matter experts in headquarters reviewed all targets.

However, these State estimates were general purpose in that they did not provide any control over expected levels of commodity production of the farm operation. As a result of this limitation, the procedures could have over adjusted or under adjusted for commodity production. To address this, a second set of variables were added to the calibration algorithm, known as commodity coverage targets. These targets were commodity totals from administrative sources or from NASS surveys of non-farm populations (e.g. USDA Farm Service Agency program data, Agricultural Marketing Service market orders, livestock slaughter data, cotton ginning data). The introduction of these commodity coverage targets strengthened the overall adjustment procedure by ensuring that major commodity totals remained within reasonable bounds of established benchmarks. Commodity coverage targets with acceptable ranges were established by subject-matter experts for each State with New England treated as a State.

The calibration algorithm addressed farm operation undercoverage and commodity coverage concurrently. The algorithm was controlled by the 65 State farm operation coverage targets and the State commodity coverage targets. In order to ensure that the calibration process converged with so many

constraints, it was desirable to provide some tolerance ranges for each target. Although full calibration to a single point estimate would assure that the weighted total among census respondents equaled its target for each calibration variable in either set, it was not always possible to calibrate to such a large number of target values while ensuring that farm weights were within a reasonable range and not less than one. Because of this and because calibration targets are estimates themselves subject to uncertainty, NASS allowed some tolerance in the determination of the adjusted weights. Rather than forcing the total for each calibration variable computed using the adjusted weights to equal a specific amount, NASS allowed the estimated total to fall within a tolerance range. This tolerance strategy sometimes made it possible for the calibration algorithm to produce a set of satisfactory, adjusted weights that it would not have otherwise.

Ranges for the list farm operation coverage targets were determined differently from the commodity targets. The State target for number of farms had no tolerance range. The tolerance range for the 64 other State farm operation coverage targets was the estimated smoothed State total for the variable [(CML+NR)+NML] plus or minus one-half of one estimated standard error of NML estimate. This choice limited the cumulative deviation from the estimated total for a variable when State totals were summed to a U.S. level total. The commodity target tolerance ranges were determined by subject-matter experts, based on the amount of confidence in the source, and usually were less than plus or minus two percent of the target. Ranges were not necessarily symmetric around the target value.

Adjusted weights were obtained using truncated linear calibration which forced the final census record weights to fall in the interval [1,6]. Adjustments began with the nonresponse-adjusted weights and added a second stage weight to simultaneously satisfy all farm operation coverage and commodity coverage calibration targets. If a value within the tolerance range of any variable could not be achieved in a given State, the variable was removed as a target and the calibration algorithm was rerun. Additionally, the CML was assumed to be complete for very large and unique farms with their weight being controlled to 1 during

the calibration adjustment process.

Weight computations in the nonresponse and final coverage calibration algorithms were performed to several decimals. Thus, the fully-adjusted weights were non-integer numbers. To insure that all subdomains for which NASS publishes summed to their grand total, fully-adjusted weights were integerized. This eliminated the need for rounding individual cell values and insured that marginal totals always added correctly to the grand total. As an example of how the integerization process worked, assume there were five census records in a county with final noninteger coverage weights of 2.2, for a total of 11. The integerization process randomly selected four of these records and rounded their final weight down to 2.0 and rounded the fifth record up to 3.0, for a total of 11.

The proportions of selected census data items that are due to coverage adjustments are displayed in Tables A and C. Some estimated coverage adjustments could be negative. The use of commodity targets in calibration indirectly exposed some duplication on the census list or over adjustment by the nonresponse algorithm resulting in negative coverage adjustments.

DISCLOSURE REVIEW

After tabulation and review of the aggregates, a comprehensive disclosure review was conducted. NASS is obligated to withhold, under Title 7, U.S. Code, any total that would reveal an individual's information or allow it to be closely estimated by the public. Cell suppression was used to protect the cells that were determined to be sensitive to a disclosure of information. Farm counts are not considered sensitive and are not subject to disclosure.

Based on agency standards, data cells were determined to be sensitive to a disclosure of information if they violated either of two criteria. First, the threshold rule was violated if the data cell contained less than three operations. For example, if only one farmer produced turkeys in a county, NASS could not publish the county total for turkey inventory without disclosing that individual's information. Second, a dominance rule was violated

if the distribution of the data within the cell allowed a data user to estimate any respondent's data too closely. For example, if there are many farmers producing turkeys in a county and some of them were large enough to dominate the cell total, NASS could not publish the county total for turkey inventory without risking disclosing an individual respondent's data. In both of these situations, the data were suppressed and a "(D)" was placed in the cell in the census publication table. These data cells were referred to as primary suppressions.

Since most items were summed to marginal totals, primary suppressions within these summation relationships were protected by ensuring that there were additional suppressions within the linear relationship that provided adequate protection for the primary. A detailed computer routine selected additional data cells for suppression to ensure all primary suppressions were properly protected in all linear relationships in all tables. These data cells were referred to as complementary suppressions. These cells were not themselves sensitive to a disclosure but were suppressed to protect other primary suppressions. A "(D)" was also placed in the cell of the census publication table to indicate a complementary suppression.

Field office analysts reviewed all complementary suppressions to ensure no cells had been withheld that were vital to the data users. In instances where complimentary suppressions were deemed critically important to a State or county, analysts requested an override and a different complement was chosen.

MEASURES OF CENSUS QUALITY

An important objective of the 2007 Census of Agriculture was to provide data with a high level of quality. However, every census or survey has the potential for error in its processes. These errors impact the quality of the data estimates. When feasible, measurements of those errors are provided with individual data items or used to make adjustments to the census or survey estimates. In conducting the 2007 Census of Agriculture, efforts were initiated to measure error associated with the adjustment for farm operations that were not respondents to the request to CML records, the coverage adjustment for farms not on the CML using

the NML and calibration, and the integerization process. Other errors present in the census of agriculture include respondent or enumerator error, error in classification of farm operations, other types of processing errors, error associated with imputation for item nonresponse, and matching error associated with dual-frame estimation. These latter errors were not measured in the census of agriculture process. Information relating to these errors is provided in the sections that follow.

The 2007 Census of Agriculture process measured the error introduced by the nonresponse algorithm, the coverage algorithm, and integerization. The root mean squared error (RMSE) of an estimated data item from the census provides a measure of the error variation in the value of that estimated data item based on all possible outcomes of the census collection, including variants as to who was on the census list, who returned a census form, and which weights were chosen to be rounded up. The RMSE was used rather than the standard error because it could capture additional error arising from integerization and the potential for bias in the calibration targets. The RMSE is the square root of the sum of the weighted differences between the final recorded value and its expected value squared divided by the number of reports.

Table B presents the fully adjusted total with the root mean squared error for selected items. The relative root mean squared error is obtained by dividing the root mean squared error by the value of the estimate and then multiplying by 100. The table also includes the percent contribution to the mean squared error (the square of the root mean squared error) from nonresponse adjustment and from coverage adjustment.

NONMEASURED CENSUS ERROR

As noted in the previous section, sampling errors can be introduced from the nonresponse and coverage adjustment procedures. This error is measurable. However, nonsampling errors are imbedded in the census process which cannot be directly measured as part of the design of the census but must be contained to ensure an accurate count. Extensive efforts were made to compile a complete and accurate mail list for the census, to elicit response to

the census, to design an understandable report form with clear instructions, to minimize processing errors through the use of quality control measures, to reduce matching error associated with the dual frame estimation process, and to minimize error associated with identification of a respondent as a farm operation (referred to as classification error). The weight adjustment and tabulation processes recognize the presence of nonsampling errors, however, it is assumed that these errors are small and that, in total, the net effect is zero. In other words, the positive errors cancel the negative errors.

Census Response Rate

The response rate is an indicator of the quality of a data collection. It is generally assumed that if a response rate is close to a full participation level of 100 percent, the potential for nonresponse bias is small. The response rate for the 2007 Census of Agriculture is 85.2 percent as compared with a response rate of 88.0 for the 2002 Census of Agriculture and 86.2 percent for the 1997 Census of Agriculture. There was no effort to measure nonresponse bias for the census. However, the census will be used to measure nonresponse bias in NASS surveys.

The response rate for the 2007 Census of Agriculture was calculated as the ratio of the total respondents after data collection was completed to the number of CML records after those that were undeliverable-as-addressed were removed. The total respondents consisted of three groups – those respondents not eligible for the nonresponse survey, those in the universe for the nonresponse survey but who responded prior to the selection of the nonresponse survey sample, and an estimate of the potential respondents in the nonresponse survey sample universe from the response rate to the nonresponse survey. Additional details of the nonresponse study are found in the section on “Whole Farm Nonresponse Estimation.”

Respondent and Enumerator Error

Incorrect or incomplete responses to the census report form or to the questions posed by an enumerator can introduce error into the census data. Steps were taken in the design and execution of the

census of agriculture to reduce errors from respondent reporting. Poor instructions and ambiguous definitions lead to misreporting. Respondents may not remember accurately, may give rounded numbers, or may record an item in the wrong cell. To reduce reporting and recording errors, the report form was tested prior to the census using industry accepted cognitive testing procedures and detailed instructions for completing the report form were provided to each respondent. Questions were phrased as clearly as possible based on previous tests of the report form. Computer-assisted telephone interviewing software included immediate integrity checks of recorded responses so suspect data could be verified or corrected. In addition, each respondent’s answers were checked for completeness and consistency by the complex edit and imputation system.

Processing Error

Processing of each census report form was another potential source of nonsampling error. All mail returns that included multiple reports, respondent remarks, or that were marked out of business and report forms with no reported data were sent to an analyst for verification and appropriate action. Integrity checks were performed by the imaging system and data transfer functions. Standard quality control procedures were in place that required that randomly selected batches of data keyed from image be re-entered by a different operator to verify the work and evaluate key entry operators. All systems and programs were thoroughly tested before going on-line and were monitored throughout the processing period.

Developing accurate processing methods is complicated by the complex structure of agriculture. Among the complexities are the many places to be included, the variety of arrangements under which farms are operated, the continuing changes in the relationship of operators to the farm operated, the expiration of leases and the initiation or renewal of leases, the problem of obtaining a complete list of agriculture operations, the difficulty of contacting and identifying some types of contractor/contractee relationships, the operator’s absence from the farm during the data collection period, and the operator’s opinion that part or all of the operation does not

qualify and should not be included in the census. During data collection and processing of the census, all operations underwent a number of quality control checks to ensure results were as accurate as possible.

Item Nonresponse

All item nonresponse actions provide another opportunity to introduce nonsampling errors. Regardless of whether it was previously reported data, administrative data, the nearest neighbor algorithm, or manually imputed by an analyst, some risk exists that the imputed value does not equal the actual value. Previously reported and administrative data were used only when they related to the census reference period. A new nearest neighbor was randomly selected for each incident to eliminate the chance of a consistent bias.

Matching Error

The process of building and expanding the CML involves finding new list sources and checking for names not on the list. An automated processing system compared each new name to the existing CML names and “linked” like records for the purpose of preventing duplication. New names with strong links to a CML name were discarded and those with no links were added as potential farms. Names with weak links, possible matches, were reviewed by staff to determine whether the new name should be added. Despite this thorough review, some new names may have been erroneously added or deleted. Additions could contribute to duplication (overcoverage) where as deletions could contribute to undercoverage. As a result, some names received more than one report form, and some farm operators did not receive a report form. Respondents were instructed to complete one form and return all forms so the duplication could be removed.

Another chance for error came when comparing June Area Survey tract operator names to the CML. Area operators whose names were not found on the CML were part of the measure of list incompleteness, or NML. Mistakes in determining overlap status resulted in overcounts (including a tract whose operator was on the CML) or undercounts (excluding a tract whose operator was not on the CML). All

tracts determined to not be on the list were triple checked to eliminate, or at least minimize, any error. NML tract operators were mailed a report form printed in a different color. In order to attempt to identify duplication, all respondents who received multiple report forms were instructed to complete the CML version and return all forms so duplication could be removed.

Classification Error

Classification error results when a response to the census is misclassified – either as a farm operation if it does not meet the definition or not as a farm operation when it meets the definition. The definition of a farm operation in the 2007 Census of Agriculture is an operation that has \$1,000 in agricultural sales or the potential for \$1,000 in agricultural sales. A Classification Error Study (CES) has historically been conducted after the census of agriculture. The objectives of a CES are to examine the procedures used to determine farm status (in-scope or out-of-scope) to see if they are producing accurate decisions, document the sources of errors resulting in overcounts and undercounts, and recommend strategies to eliminate them from future censuses. Classification error is a component of census coverage error in addition to coverage error resulted from list incompleteness or duplication. Historically, measures have indicated that the error is small. There has not been any attempt to incorporate this error measure in the coverage adjustment procedure for the 2007 Census of Agriculture.

Prior to 1997 a list based re-interview sample of census respondents was used to measure classification error in the census – specifically the number of farms incorrectly classified as non-farms (undercount) and the number of duplicate farms (overcount). Additionally, an area frame survey was used separately to measure the largest component of census coverage error – incompleteness of the census list. Following the 1997 census, NASS conducted the CES for the 11 western States of Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming. The 1997 CES used information from the June Area Survey (JAS) enumeration in lieu of re-interviews; estimates were based on the JAS. The 1997 CES

results indicated a net undercount of 27,971 farms (non-farms incorrectly classified as farms minus duplicate farms and farms incorrectly classified as non-farms) in the eleven States. While the standard error of this estimate is not available to determine statistical significance, even if statistically significant, it represents a relatively small portion of the overall undercount.

Following the 2002 census, the CES similarly used an area-based approach that was conducted in all States. The 2002 CES matched census records to JAS records to identify the differences in farm status of an operation. The JAS area frame-based survey data were assumed to be truth and the estimates of misclassification (records which were incorrectly classified as farms or non-farms and duplicates) were based on this assumption. The 2002 CES results indicated a net overcount of 51,345 farms at the US level, with a standard error of 6,456. In this case, substantial resources were expended to estimate something relatively small. Estimates of overcount and undercount were computed but were not used to adjust totals. Results of the 2002 CES were documented in an internal NASS research report titled "Results from the 2002 Classification Error Study" dated April 2007.

For the 2007 Census of Agriculture, a classification error research study (CES) was conducted in five States -- Arizona, Georgia, Minnesota, New York, and Washington. Estimates of net error were not generated, as the CES was quality research and limited to the five States. Review of the 2002 CES indicated the assumption that the JAS was the truth was inappropriate and re-interviews were reinstated.

The 2007 CES used data from the 2007 JAS and the 2007 census to examine farms incorrectly classified as nonfarms, nonfarms incorrectly classified as farms, and to examine records with significant discrepancies in reporting of land between the JAS and census reports. The overall objectives of the 2007 CES were to identify legitimate changes in operations and determine the source of potential errors in the data.

Records in the 2007 JAS were matched to the 2007 census using probabilistic record linkage. From the set of matched records, three groups of interest were identified: 1) in-scope JAS records that were out-of-scope on the census, 2) census in-scope and JAS non-agricultural records, and 3) in-scope census and JAS records with acreage differences of more than 25 percent. Farms whose farm status was in disagreement were interviewed to determine which source was correct; a reason for the change of status on the census was recorded. For records with a discrepancy between the data reported on the 2007 JAS and the 2007 census forms, respondents were re-contacted and asked to verify their data and resolve the difference.

Results of the 2007 CES showed that true changes in size of operations between the JAS and census were rare. Most discrepancies in farm status were the result of errors in reporting with respondents indicating most often that the census data rather than the JAS data were correct, challenging the previous assumption that the JAS data was the truth. Results of the 2007 CES will be used as input for redesign efforts for the JAS operational procedures and the 2012 census report form and instructions.

Table A. Summary of State Nonresponse and Coverage Adjustments: 2007

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

Item	Total	Percent from nonresponse adjustment	Percent from coverage adjustment	Item	Total	Percent from nonresponse adjustment	Percent from coverage adjustment
Farms .....number	7,691	16.3	25.9	Tenure:			
Land in farms .....acres	517,879	13.7	15.0	Full owners .....farms	5,647	17.1	27.6
Farms by size:				.....acres	298,591	15.8	18.1
1 to 9 acres .....farms	2,199	18.0	29.3	Part owners .....farms	1,373	12.9	19.8
.....acres	(D)	(D)	(D)	.....acres	193,496	10.4	11.5
10 to 49 acres .....farms	2,885	16.3	30.0	Tenants .....farms	671	16.1	23.7
.....acres	68,928	16.5	29.3	.....acres	25,792	13.9	5.9
50 to 69 acres .....farms	545	15.0	23.7	Principal operator characteristics by-			
.....acres	31,773	14.9	23.7	Sex of operator:			
70 to 99 acres .....farms	561	17.5	23.4	Male .....farms	5,465	16.5	21.9
.....acres	46,327	17.5	23.5	.....acres	432,956	13.1	13.1
100 to 139 acres .....farms	525	14.3	22.3	Female .....farms	2,226	15.9	35.7
.....acres	60,717	14.5	22.1	.....acres	84,923	16.8	24.6
140 to 179 acres .....farms	272	14.7	12.1	Primary occupation:			
.....acres	42,548	14.7	12.2	Farming .....farms	3,688	15.3	22.5
180 to 219 acres .....farms	212	11.3	16.5	Other .....farms	4,003	17.2	29.1
.....acres	41,458	11.3	16.2	Spanish, Hispanic, or			
220 to 259 acres .....farms	127	16.5	9.4	Latino origin (see text) .....farms	120	8.3	52.5
.....acres	30,251	16.6	9.8	.....acres	5,514	5.4	24.6
260 to 499 acres .....farms	247	13.0	10.1	Race:			
.....acres	85,653	13.4	9.3	American Indian or			
500 to 999 acres .....farms	90	15.6	0.0	Alaska Native .....farms	11	9.1	63.6
.....acres	57,127	15.3	0.0	.....acres	342	3.5	14.9
1,000 to 1,999 acres .....farms	24	0.0	0.0	Asian .....farms	56	1.8	64.3
.....acres	32,389	0.0	0.0	.....acres	1,158	0.8	57.4
2,000 acres or more .....farms	4	0.0	0.0	Black or African American .....farms	32	15.6	21.9
.....acres	(D)	(D)	(D)	.....acres	610	30.2	11.3
Market value of agricultural products sold .....\$1,000	489,820	9.9	2.0	Native Hawaiian or			
Farms by value of sales:				Other Pacific Islander .....farms	3	33.3	0.0
Less than \$1,000 .....farms	2,380	13.3	48.0	.....acres	50	20.0	20.0
.....\$1,000	438	12.2	47.1	White .....farms	7,569	16.4	25.6
\$1,000 to \$2,499 .....farms	949	16.5	29.5	.....acres	515,089	13.7	14.9
.....\$1,000	1,546	16.4	29.3	More than one race reported .....farms	20	15.0	30.0
\$2,500 to \$4,999 .....farms	839	18.8	19.0	.....acres	630	17.8	35.2
.....\$1,000	3,022	18.6	18.9	Reporting primary occupation as			
\$5,000 to \$9,999 .....farms	769	19.5	16.8	farming by age group:			
.....\$1,000	5,329	19.2	16.8	Under 25 years .....farms	20	20.0	50.0
\$10,000 to \$19,999 .....farms	791	18.3	19.3	25 to 34 years .....farms	167	13.2	40.7
.....\$1,000	10,979	18.4	18.9	35 to 44 years .....farms	469	16.2	27.5
\$20,000 to \$24,999 .....farms	244	18.9	15.6	45 to 54 years .....farms	933	16.4	21.0
.....1,000	5,299	18.9	15.3	55 to 64 years .....farms	1,024	13.1	22.7
\$25,000 to \$39,999 .....farms	362	18.8	11.3	65 years and over .....farms	1,075	16.4	18.0
.....\$1,000	11,523	18.7	11.7	Reporting primary occupation as			
\$40,000 to \$49,999 .....farms	156	19.9	10.3	other than farming by age group:			
.....\$1,000	6,865	19.8	10.5	Under 25 years .....farms	29	17.2	44.8
\$50,000 to \$99,999 .....farms	398	19.1	3.8	25 to 34 years .....farms	125	13.6	48.8
.....\$1,000	27,591	19.0	3.6	35 to 44 years .....farms	503	18.7	33.0
\$100,000 to \$249,999 .....farms	397	15.9	5.5	45 to 54 years .....farms	1,304	17.4	28.8
.....\$1,000	60,648	15.4	4.9	55 to 64 years .....farms	1,203	17.5	27.1
\$250,000 to \$499,999 .....farms	212	14.2	-1.4	65 years and over .....farms	839	16.0	26.5
.....\$1,000	73,831	14.1	-1.5	All operators by age group ¹ :			
\$500,000 to \$999,999 .....farms	113	7.1	0.0	Under 25 years .....farms	227	16.7	34.8
.....\$1,000	75,776	6.4	0.0	25 to 34 years .....farms	642	13.2	35.7
\$1,000,000 or more .....farms	81	4.9	0.0	35 to 44 years .....farms	1,787	16.4	28.5
.....\$1,000	206,974	5.0	0.0	45 to 54 years .....farms	3,589	16.5	25.2
Farms by type of organization:				55 to 64 years .....farms	3,244	15.2	24.9
Family or individual .....farms	6,318	16.5	27.8	65 to 74 years .....farms	1,614	16.8	20.9
.....acres	349,617	15.3	19.4	75 years and over .....farms	880	16.0	20.6
Partnership .....farms	574	16.7	19.2				
.....acres	69,149	13.2	6.2				
Corporation:							
Family held .....farms	566	15.2	15.0				
.....acres	68,774	9.3	4.6				
Other than family held .....farms	75	13.3	13.3				
.....acres	8,110	8.8	5.8				
Other - cooperative, estate or trust, institutional, etc. ....farms	158	11.4	20.9				
.....acres	22,229	5.0	9.3				

¹ Data were collected for a maximum of three operators per farm.

Table B. Reliability Estimates of State Totals: 2007

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

Item	Total	Root mean squared error (RMSE)	Relative RMSE (percent)	Nonresponse contribution to MSE (percent)	Coverage adjustment contribution to MSE (percent)
Farms number	7,691	184	2.4	5.0	95.0
Land in farms acres	517,879	15,142	2.9	9.9	90.1
Farms by size:					
1 to 9 acres farms	2,199	87	4.0	14.4	85.6
..... acres (D)	(D)	(D)	(D)	(D)	(D)
10 to 49 acres farms	2,885	92	3.2	15.4	84.6
..... acres	68,928	2,318	3.4	17.1	82.9
50 to 69 acres farms	545	31	5.6	24.2	75.8
..... acres	31,773	1,797	5.7	24.2	75.8
70 to 99 acres farms	561	31	5.6	25.0	75.0
..... acres	46,327	2,600	5.6	25.2	74.8
100 to 139 acres farms	525	30	5.7	22.6	77.4
..... acres	60,717	3,519	5.8	22.4	77.6
140 to 179 acres farms	272	20	7.2	23.7	76.3
..... acres	42,548	3,045	7.2	23.7	76.3
180 to 219 acres farms	212	17	8.1	23.3	76.7
..... acres	41,458	3,355	8.1	23.5	76.5
220 to 259 acres farms	127	12	9.4	23.2	76.8
..... acres	30,251	2,865	9.5	23.3	76.7
260 to 499 acres farms	247	18	7.4	19.8	80.2
..... acres	85,653	6,276	7.3	19.5	80.5
500 to 999 acres farms	90	8	9.3	20.5	79.5
..... acres	57,127	5,230	9.2	22.2	77.8
1,000 to 1,999 acres farms	24	1	4.8	21.5	78.5
..... acres	32,389	1,684	5.2	21.5	78.5
2,000 acres or more farms	4	1	28.6	22.1	77.9
..... acres (D)	(D)	(D)	(D)	(D)	(D)
Market value of agricultural products sold \$1,000	489,820	14,434	2.9	12.5	87.5
Farms by value of sales:					
Less than \$1,000 farms	2,380	133	5.6	7.3	92.7
..... \$1,000	438	32	7.3	17.5	82.5
\$1,000 to \$2,499 farms	949	58	6.1	13.2	86.8
..... \$1,000	1,546	96	6.2	13.6	86.4
\$2,500 to \$4,999 farms	839	47	5.6	15.7	84.3
..... \$1,000	3,022	171	5.6	15.7	84.3
\$5,000 to \$9,999 farms	769	46	6.0	15.3	84.7
..... \$1,000	5,329	325	6.1	15.8	84.2
\$10,000 to \$19,999 farms	791	47	6.0	14.3	85.7
..... \$1,000	10,979	658	6.0	14.2	85.8
\$20,000 to \$24,999 farms	244	22	8.8	22.2	77.8
..... 1,000	5,299	467	8.8	22.4	77.6
\$25,000 to \$39,999 farms	362	27	7.6	17.4	82.6
..... \$1,000	11,523	876	7.6	17.8	82.2
\$40,000 to \$49,999 farms	156	15	9.6	21.9	78.1
..... \$1,000	6,865	659	9.6	22.0	78.0
\$50,000 to \$99,999 farms	398	34	8.5	10.2	89.8
..... \$1,000	27,591	2,379	8.6	9.9	90.1
\$100,000 to \$249,999 farms	397	35	8.7	7.5	92.5
..... \$1,000	60,648	5,250	8.7	7.6	92.4
\$250,000 to \$499,999 farms	212	15	7.0	17.0	83.0
..... \$1,000	73,831	4,971	6.7	15.6	84.4
\$500,000 to \$999,999 farms	113	7	6.3	20.8	79.2
..... \$1,000	75,776	4,357	5.8	20.8	79.2
\$1,000,000 or more farms	81	4	4.7	29.8	70.2
..... \$1,000	206,974	9,291	4.5	19.1	80.9
Farms by type of organization:					
Family or individual farms	6,318	159	2.5	7.0	93.0
..... acres	349,617	12,181	3.5	12.1	87.9
Partnership farms	574	31	5.3	26.9	73.1
..... acres	69,149	4,127	6.0	19.5	80.5
Corporation:					
Family held farms	566	30	5.3	23.8	76.2
..... acres	68,774	3,402	4.9	23.6	76.4
Other than family held farms	75	9	12.2	27.0	73.0
..... acres	8,110	1,046	12.9	15.8	84.2
Other - cooperative, estate or trust, institutional, etc. farms	158	15	9.3	32.4	67.6
..... acres	22,229	1,820	8.2	27.6	72.4
Tenure:					
Full owners farms	5,647	149	2.6	8.0	92.0
..... acres	298,591	9,738	3.3	14.4	85.6
Part owners farms	1,373	52	3.8	17.0	83.0
..... acres	193,496	8,244	4.3	15.2	84.8
Tenants farms	671	36	5.4	22.9	77.1
..... acres	25,792	3,014	11.7	21.0	79.0
Principal operator characteristics by-					
Sex of operator:					
Male farms	5,465	141	2.6	7.4	92.6
..... acres	432,956	13,698	3.2	10.8	89.2
Female farms	2,226	84	3.8	17.4	82.6
..... acres	84,923	4,316	5.1	23.9	76.1
Primary occupation:					
Farming farms	3,688	105	2.8	11.7	88.3
Other farms	4,003	115	2.9	11.9	88.1
Spanish, Hispanic, or Latino origin (see text) farms	120	18	15.1	27.9	72.1
..... acres	5,514	741	13.4	28.6	71.4

See footnote(s) at end of table.

--continued

Table B. Reliability Estimates of State Totals: 2007 - Con.

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

Item	Total	Root mean squared error (RMSE)	Relative RMSE (percent)	Nonresponse contribution to MSE (percent)	Coverage adjustment contribution to MSE (percent)
Principal operator characteristics by- Con.					
Race:					
American Indian or Alaska Native farms	11	7	66.6	31.4	68.6
..... acres	342	78	22.7	40.4	59.6
Asian farms	56	12	21.9	18.0	82.0
..... acres	1,158	732	63.2	25.0	75.0
Black or African American farms	32	6	18.9	28.0	72.0
..... acres	610	217	35.6	17.9	82.1
Native Hawaiian or Other Pacific Islander farms	3	2	63.5	53.0	47.0
..... acres	50	32	64.3	63.0	37.0
White farms	7,569	182	2.4	5.2	94.8
..... acres	515,089	15,085	2.9	10.0	90.0
More than one race reported farms	20	6	29.9	41.6	58.4
..... acres	630	288	45.7	47.1	52.9
Reporting primary occupation as farming by age group:					
Under 25 years farms	20	9	43.4	35.1	64.9
25 to 34 years farms	167	20	11.9	32.6	67.4
35 to 44 years farms	469	30	6.3	30.2	69.8
45 to 54 years farms	933	43	4.6	24.9	75.1
55 to 64 years farms	1,024	44	4.3	20.4	79.6
65 years and over farms	1,075	45	4.2	19.0	81.0
Reporting primary occupation as other than farming by age group:					
Under 25 years farms	29	11	36.8	30.6	69.4
25 to 34 years farms	125	18	14.5	31.7	68.3
35 to 44 years farms	503	34	6.7	30.3	69.7
45 to 54 years farms	1,304	54	4.1	22.1	78.0
55 to 64 years farms	1,203	51	4.2	22.6	77.4
65 years and over farms	839	41	4.8	23.2	76.8
All operators by age group ¹:					
Under 25 years farms	227	26	11.6	31.0	69.0
25 to 34 years farms	642	43	6.7	31.0	69.0
35 to 44 years farms	1,787	74	4.2	24.0	76.0
45 to 54 years farms	3,589	114	3.2	16.5	83.5
55 to 64 years farms	3,244	104	3.2	16.0	84.0
65 to 74 years farms	1,614	63	3.9	19.8	80.2
75 years and over farms	880	43	4.8	21.6	78.4
Net cash farm income of operations (see text):					
Farms with gains of ² -					
Less than \$1,000 farms	246	19	7.9	26.7	73.3
..... \$1,000	118	11	9.2	24.4	75.6
\$1,000 to \$4,999 farms	626	35	5.6	20.7	79.3
..... \$1,000	1,636	97	5.9	21.3	78.7
\$5,000 to \$9,999 farms	407	27	6.6	21.4	78.6
..... \$1,000	2,936	201	6.8	22.0	78.0
\$10,000 to \$24,999 farms	589	35	5.9	19.1	80.9
..... \$1,000	9,502	574	6.0	19.5	80.5
\$25,000 to \$49,999 farms	385	25	6.6	17.8	82.2
..... \$1,000	13,717	922	6.7	18.0	82.0
\$50,000 or more farms	697	33	4.8	14.1	85.9
..... \$1,000	159,791	6,921	4.3	16.3	83.7
Farms with losses of -					
Less than \$1,000 farms	357	27	7.6	30.2	69.8
..... \$1,000	187	17	8.8	32.6	67.4
\$1,000 to \$4,999 farms	1,215	53	4.4	23.1	76.9
..... \$1,000	3,519	165	4.7	24.3	75.7
\$5,000 to \$9,999 farms	1,119	55	4.9	21.3	78.7
..... \$1,000	8,002	399	5.0	22.0	78.0
\$10,000 to \$24,999 farms	1,209	59	4.9	21.4	78.6
..... \$1,000	19,183	954	5.0	21.7	78.3
\$25,000 to \$49,999 farms	435	31	7.1	29.1	70.9
..... \$1,000	15,325	1,113	7.3	29.4	70.6
\$50,000 or more farms	406	27	6.5	27.3	72.7
..... \$1,000	45,219	2,712	6.0	28.6	71.4

¹ Data were collected for a maximum of three operators per farm.

² Farms with zero net cash income are included as farms with gains of less than \$1,000.

Table C. Summary of Nonresponse and Coverage Adjustments by County: 2007

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

Geographic area	All farms			Land in farms			Sales		
	Total (number)	Nonresponse adjustment (percent)	Coverage adjustment (percent)	Total (acres)	Nonresponse adjustment (percent)	Coverage adjustment (percent)	Total (\$1,000)	Nonresponse adjustment (percent)	Coverage adjustment (percent)
STATE TOTAL									
Massachusetts	7,691	16.3	25.9	517,879	13.7	15.0	489,820	9.9	2.0
COUNTIES									
Barnstable	406	19.0	22.7	5,233	15.1	12.3	17,651	18.6	7.4
Berkshire	522	15.7	28.4	66,352	13.3	15.7	20,601	9.4	4.1
Bristol	777	15.6	29.5	39,252	15.0	20.7	44,245	17.8	3.1
Dukes	81	18.5	19.8	7,916	5.5	2.9	3,337	5.5	2.0
Essex	531	17.3	26.2	27,834	16.8	14.8	25,022	9.0	2.9
Franklin	741	16.5	24.0	79,465	14.5	11.3	56,844	10.3	0.7
Hampden	508	15.4	24.2	36,841	15.6	14.5	25,735	8.2	-1.1
Hampshire	711	17.0	22.9	52,756	14.5	14.8	38,617	10.3	-0.4
Middlesex	700	15.1	26.1	33,893	10.4	15.9	81,708	3.6	1.9
Nantucket	14	21.4	7.1	615	5.9	1.3	2,886	1.1	0.8
Norfolk	264	17.0	28.0	11,654	16.1	14.6	13,973	13.0	-0.1
Plymouth	882	16.7	22.8	49,612	10.9	10.2	78,440	10.0	3.4
Suffolk	7	14.3	-14.3	99	1.0	-1.0	212	59.1	-59.1
Worcester	1,547	15.6	28.8	106,357	13.7	18.7	80,550	10.5	2.1

Table D. American Indian or Alaska Native Operators: 2007

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

Geographic area	American Indian or Alaska Native farm operators			Geographic area	American Indian or Alaska Native farm operators		
	Total	Individually reported ¹	Other ²		Total	Individually reported ¹	Other ²
STATE TOTAL				COUNTIES - Con.			
Massachusetts	62	62	-	Franklin	3	3	-
COUNTIES				Hampden	2	2	-
Barnstable	9	9	-	Hampshire	6	6	-
Berkshire	1	1	-	Middlesex	6	6	-
Bristol	4	4	-	Nantucket	-	-	-
Dukes	3	3	-	Norfolk	7	7	-
Essex	2	2	-	Plymouth	7	7	-
				Suffolk	-	-	-
				Worcester	12	12	-

¹ Data were collected for a maximum of three operators per farm.

² Data represent American Indian or Alaska Native farm or ranch operators on reservations who did not report individually. Data obtained from reservation officials.

Appendix B.

General Explanation and Census of Agriculture Report Form

DEVELOPMENT OF THE CENSUS REPORT FORMS

Prior to release of the results from the 2002 Census of Agriculture, NASS was preparing for the 2007 Census of Agriculture. The first team established was the 2007 Census Content Team. This team was tasked with content determination and report form development. They reviewed the 2002 report form content, solicited input from internal and external customers, developed criteria for determining acceptance and/or rejection of content for the 2007 Census of Agriculture report forms, tested the effectiveness of the report forms for various modes of data collection (mail, telephone, personal interview, and electronic data reporting), and made recommendations to NASS senior executives for final determination.

Throughout development NASS sought advice and input from the data user community. Integral partners included the Advisory Committee on Agriculture Statistics, State departments of agriculture and other State government officials, Federal agency officials, land grant universities, agricultural trade associations, media, and various Community Based Organizations.

NASS conducted the 2005 Census of Agriculture Content Test in early 2006. The test consisted of three phases: cognitive pretesting, national mail-out, and follow-up interviews. Results from the testing produced two final report form types -- a 24-page regionalized form with 7 versions (07-A0201 thru 07-A0207 regional forms and an 07-A0200 general version) and a 12-page national form version (07-A0100). The main difference between the form types is the format used to collect crop and livestock information. The regionalized report forms include crop sections designed to facilitate reporting crops most commonly grown within a report form region.

Many items in these sections are either prelisted in the tables or listed below the tables. The national report form collected the same information as the regionalized forms, but it was formatted to fit on fewer pages. It includes an open table format to collect crop and livestock information. Respondents had to write in their crops and/or livestock information. A sample copy of the regionalized report form and instruction sheet is included in this appendix.

DATA CHANGES

Following are descriptions of the report form changes and their effect on the publication tables.

Crop Data Changes

Deleted items include:

- Other nursery and greenhouse category.
- Production and acres irrigated for potatoes.
- Production and acres irrigated for sweet potatoes.
- Production and acres irrigated for ginseng.

Added items include:

- Acres of individual vegetable crops harvested for fresh market.
- Acres harvested for fresh market and for processing for potatoes, sweetpotatoes, and ginseng.
- Acres irrigated for short rotation woody crops.
- Acres irrigated for cut Christmas trees.

- Acres on which berries were grown.
- Total acres grown and acres not harvested for individual berry crops.
- Sales of mushroom spawn.

Items listed separately on the 2007 report form that were reported in conjunction with similar crop items on the 2002 report form include:

- Horseradish was listed separately and is no longer included in Other vegetables.
- Total acres, acres harvested, and acres not harvested for boysenberries and currants were listed separately and no longer included in Other berries.
- Pluots were listed separately and are no longer included in Other noncitrus fruit.
- Chestnuts were listed separately and are no longer included in Other nuts.
- Pecans were divided into Pecans, improved and Pecans, native and seedling.
- Squash was divided into summer squash and winter squash.
- Cuttings, seedlings, liners, and plugs were listed as one item and are no longer included in Other nursery and greenhouse.
- Tobacco transplants were listed separately and are no longer included in Other nursery and greenhouse.
- Greenhouse vegetables were divided into greenhouse tomatoes and other greenhouse vegetables.
- Vegetable transplants were listed separately and are no longer included in Other nursery and greenhouse.
- Greenhouse fruits and berries were listed separately and are no longer included in Other nursery and greenhouse.

- Other floriculture and bedding plants were listed as an item and are no longer included in Other nursery and greenhouse.

Items combined with another item(s) on the 2007 report form that were reported individually on the 2002 report form include:

- Amaranth, foxtail millet seed, lotus root, mungbeans, redtop seed, salt hay, sweetclover seed, and sweet rice were included in other field crops.
- K-early citrus was included in Other citrus.
- Pimientos were included in Other vegetables.
- Mixed vegetables were included in Other vegetables.

Livestock and Poultry Data Changes

Deleted items include:

- Two hog and pig size groups within the 5,000 or more head category were deleted. In 2002 there were two additional sub-groups in the 5,000 or more category; 5,000 to 7,499 and 7,500 or more.
- Two broilers and other meat type chicken groups within the 500,000 or more category were deleted. In 2002 there were two sub-groups in the 500,000 or more category; 500,000 to 749,999 and 750,000 or more.
- Other fish.

Added items include:

- Horses and ponies owned by this operation.
- Alpaca inventory and number sold

Items listed individually in the 2007 report form that were reported in conjunction with similar livestock or poultry items on the 2002 report form include:

- Layers 20 weeks old and older for table and hatching eggs were divided into Table egg type layers, Hatching layers for meat-types, and hatching layers for table eggs.

- Turkeys were separated into Turkeys for slaughter and Turkey hens kept for breeding.
- Items combined with other item(s) on the 2007 report form that were reported individually on the 2002 report form include:
- Other fish were removed as a selection and the respondent must report in one of the fish categories listed.

Economic, Land Use, and Operator Characteristics Data Changes

Deleted items include:

- Acres of certified organically produced crops.
- Value of certified organically produced commodities sold.
- Whether the operator lives on an American Indian reservation.
- Computer use for the farm business.

Added items include:

- Acres used for organic production.
- Acres of organic crops harvested.
- Acres of organic pastureland.
- Total value of sales for crops produced and sold as organic.
- Total value of sales for livestock and poultry produced and sold as organic.
- Total value of sales for livestock and poultry products produced and sold as organic.
- Acres being converted to organic production.
- Sales of mushroom spawn.
- Whether the operator retired.
- Number of trucks, including pickups and the number manufactured in the last five years.

- Whether the operator is a hired manager for this operation.
- Household income of the principal operator.
- Practices relating to the operation: Whether the operation had high speed Internet access; Used 5,000 gallons of water any one day; Received irrigation water supplied by a U. S. Bureau of Reclamation project or facility; Generated energy or electricity on the farm; Used conservation farming methods; Practiced rotational or management intensive grazing; Rented grazing land on a per-head or animal unit per month (AUM) basis; Produced and sold value added crops, livestock, or products; Marketed products through a community supported agriculture (CSA) arrangement; Raised or sold veal calves; Raised or sold hair sheep or wool-hair crosses; or Had a barn that was built prior to 1960.
- Questions relating to use of American Indian Reservation land for production of crops and livestock, e.g. total acres used, acres of cropland harvested, and percent of operation's livestock on the reservation. In the 2002 census, these questions only appeared in the regional report form for 2002 census regions 8 and 10. Data are tabulated in the 2007 Census of Agriculture Specialty Products, Part 1, American Indian Reservations.

Items listed individually on the 2007 report form that were reported in conjunction with similar items on the 2002 report form include:

- Value of sales for grains, oilseeds, dry beans, and dry peas were divided into sales of Corn for grain, seed, or silage; Wheat; Soybeans; Sorghum for grain, seed, or silage; Barley; Rice; and Other crops.
- Other farm-related income was divided into Crop and livestock insurance payments received and other farm-related income.
- Other Federal farm program payments were divided into Direct payments, Counter-cyclical payments, Other Federal agricultural program payments, and State and local government agricultural program payments.

DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a detailed description of specific terms and phrases used in this publication. Items in the publication tables which carry the note “See text” also are explained. Report form section number references refer to the regional version. Many of the definitions and explanations are the same as those used in earlier censuses.

Acres and quantity harvested. Crops were reported in whole acres, except for the following crops that were reported in tenths of acres: tobacco, nursery and greenhouse crops in the open, vegetables including potatoes and sweet potatoes, fruit and nut crops including land in orchards, and berries; in Hawaii, taro and ginger root. Totals for crops reported in tenths of acres were rounded to whole acres at the aggregate level during the tabulation process. Nursery and greenhouse crops grown under glass or other protection were reported in square feet and are published in square feet.

If two or more crops were harvested from the same land during the year (double cropping), the acres were counted for each crop. Therefore, the total acres of all crops harvested generally exceeded the acres of cropland harvested. An exception to this procedure was hay crops.

When more than one cutting of hay was taken from the same acres, the acres were counted only once for the harvesting method but the quantity harvested includes all cuttings. Acreage cut and tons harvested for both dry hay and haylage, silage, or greenchop was reported for each crop. For interplanted crops or “skip-row” crops, acres were reported according to the portion of the field occupied, whether by a crop or whether it was idle land. If a crop was interplanted in an orchard or vineyard and harvested, then the entire orchard or vineyard acreage was reported under the appropriate fruit crop and the interplanted estimated crop acreage was reported under the appropriate crop.

If a crop was planted but not harvested, the acres were not reported as harvested. These acres were reported in the “land” section on the report form under the appropriate cropland items – cropland on

which all crops failed or were abandoned, cropland in cultivated summer fallow, cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed, or cropland used only for pasture or grazing. This does not include fruit and nut orchards, vineyards, berries, acres in production for cut Christmas trees, and acres in production for short rotation woody crops that were not harvested. Acreage in these commodities were included in cropland harvested whether the crop was harvested or not. Abandoned orchards were reported as cropland idle, not as harvested cropland, and the individual abandoned orchard crop acres were not reported.

Crops that were only hogged or grazed were reported as “cropland used only for pasture or grazing.” Crop residue left in fields after the 2007 harvest and later hogged or grazed was reported as cropland harvested and not as cropland used only for pasture or grazing.

Quantity harvested was not obtained for crops such as fruits and nuts, berries, vegetables and melons, and nursery and greenhouse crops.

Age of operator. See Farms by age and primary occupation of operator.

Agri-tourism and recreational services. See Total income from farm-related sources, gross before taxes and expenses.

Agricultural products sold directly to individuals for human consumption. See Value of agricultural products sold directly to individuals for human consumption.

All (multiple) operators. See Operator.

All haylage, grass silage, and greenchop (tons). See Haylage, grass silage, and greenchop, all.

All other production expenses. See Total farm production expenses.

Alpacas. This is a new item for 2007. In 2002 alpacas were reported as other livestock.

American Indian and Alaska Native farm operators, total. Data are reported in Chapter 1,

tables 54 through 57 and Chapter 2, table 51. In Chapter 1, table 54 data include farm characteristics for principal operator reporting one race only, table 55 data include farm characteristics reported for a maximum of three operators reporting American Indian or Alaska Native alone or in combination with other races, table 56 data are reported for principal operator only, table 57 include data for a maximum of three operators for those operators that reported only one race.

In Chapter 2, table 51 data are reported for a maximum of three operators reported in the operator characteristics section. The individual operators were added to the census mail list for most reservations. Those reservations that did not include all the individual operators on the census mail list were identified and the data for the entire reservation, including the data for the operators that would have met the definition of a farm, were collected on one report form. The count of reservations and the number of operators that were reported on these reservations are included in Appendix B, table D.

Amount from State and local government agricultural program payments. See Total income from farm-related sources, gross before taxes and expenses.

Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, and Conservation Reserve Enhancement Programs. See Land enrolled in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP).

Any poultry sold. The number of farms with any poultry sold includes all farms with sales of poultry, poultry hatched, or eggs.

Aquaculture. In the 2007 census the value of sales was tabulated for each specified species. In the 2002 census only total aquaculture value of sales was asked. Aquaculture is defined as the farming of fish, crustaceans, mollusks, and other aquaculture products. The aquaculture production reported in the census requires some form of intervention in the

rearing process and requires inputs such as seeding, stocking, feeding, protection from predators, etc. It also requires ownership of the stock being cultivated and harvesting that is conducted in a controlled environment by the operation. The pounds sold, number sold, and value of sales include all sizes and eggs by species. The number and pounds sold and value of sales include aquaculture distributed for restoration, conservation, or recreational purposes, such as State and Federal hatcheries. Values based on sales of farm-raised fish were assigned to distributed fish.

Aquaculture value. See Aquaculture.

Artichokes (excluding Jerusalem). For 2007 the wording was changed to clarify that Jerusalem artichokes should be excluded. Data are comparable to 2002 artichoke data.

Asparagus, bearing age. For 2007, bearing age was added to the description for clarity. Data are comparable.

Bees. See Colonies of bees and honey collected.

Breeding livestock. See Total farm production expenses.

By economic class. See Economic class of farms.

Cattle on feed. Cattle on feed is defined as cattle and calves that were fed a ration of grain or other concentrates that will be shipped directly from the feedlot to the slaughter market and are expected to produce a carcass that will grade select or better. This category excludes cattle that were pastured only, background feeder cattle, and veal calves.

Cattle on feed sold. Data are for cattle on feed sold that weighed 500 pounds or more and were shipped directly from the feedlot to the slaughter market. This category excludes cattle that were pastured only, owned cattle that were shipped from feedlots operated by others, background feeder cattle, and veal calves.

Chemicals applied. For each type of chemical used, the acres treated were reported only once even if the acres were treated more than once. If multi-purpose

chemicals were used, the acres treated for each purpose were reported. See Total farm production expenses; Chemicals.

Cherries. Cherries were reported as either sweet cherries or tart cherries. Combined crops or non-specified cherry acres were not options for the respondent. Total acres, bearing age acres, and nonbearing age acres were reported for each crop.

Chestnuts. This is a new item for 2007. In 2002 data were included in other nut trees. See Other nuts.

Christmas trees, cut. Data are for acres of Christmas trees - cut or to be cut - in production, acres irrigated, and number of trees cut. Sales data are included in the Cut Christmas trees and short rotation woody crops category. In 2002, acres irrigated were not collected.

Christmas trees, live. Data were reported as nursery stock and include Christmas trees sold live, generally balled and burlapped, from the operation.

Citrus enumeration. Reports for selected citrus caretakers in Arizona, Florida, and Texas were obtained by direct enumeration. A citrus caretaker is an organization or person caring for or managing citrus groves for others. This special enumeration has been conducted since 1969 because of the difficulty identifying and enumerating absentee grove owners who often do not know the information that is needed to adequately complete the report form.

Enumeration activities were completed after harvest to facilitate the accuracy of reported data. Grove owners were counted as operators for farm count purposes. Citrus caretakers were perceived as performing an agricultural service for grove owners and were not considered agricultural operators if they provided only services to grove owners. Caretakers were counted as agricultural operators if they made day-to-day decisions for their own operation in addition to providing services for grove owners. Data provided by caretakers were prorated to owners based on acreage and were transcribed onto the respective owner's census report form.

Coffee. Data were collected only in Hawaii. In 2007, data for total acres, bearing age acres, and nonbearing age acres were collected.

Colonies of bees. Colonies of bees were tabulated in the county where the largest value of all agricultural products were raised or produced. Colonies are often moved from farm-to-farm over a wide geographic area. Package bees are not included as separate colonies. In 2007 colonies of bees were collected in their own section to clarify to respondents that only "owned" colonies were to be reported versus any colonies on the operation.

Commodities raised and delivered under production contracts. A production contract is an agreement between a producer or grower and a contractor (integrator) setting terms, conditions, and fees to be paid by the contractor to the operation for the production of crops, livestock, or poultry. The grower receives a payment or fee from the contractor, generally after delivery, which is less than the full market price of the commodity. A production contract involves the shifting of some risk and control from the grower to the contractor. Marketing contracts, futures contracts, forward contracts, or other contracts based strictly on price are not considered production contracts. Commodities sold to a co-op where some of the input items were purchased from the same co-op at a discount price were also excluded. Many operations produce commodities only under production contracts or only independently. Some operations may produce a commodity under production contract and also produce more of the same commodity that they sell independently. Both types of production are combined as one value in the tables for total inventories and total sales.

Custom fed cattle shipped directly for slaughter. In 2002, data were collected for custom fed cattle. Many respondents reported cattle that were not shipped directly to slaughter such as veal or background feeder cattle. For 2007, the report form text was improved to specify custom fed cattle shipped directly for slaughter. Cattle not shipped directly to slaughter were reported in the Other cattle, livestock, poultry, or aquaculture category. Data are not comparable for custom fed cattle shipped directly to slaughter or Other cattle,

livestock, poultry, or aquaculture categories.

Other cattle, livestock, poultry, or aquaculture. The data for commodities raised and delivered under a production contract include cattle which were not custom fed and shipped directly to slaughter (backgrounding), livestock and poultry not listed separately, and aquaculture products. For 2007, the report text was improved to specify custom fed cattle shipped directly for slaughter. Cattle not shipped directly to slaughter are reported as Other cattle, livestock, poultry, or aquaculture. In 2002, some cattle not shipped directly to slaughter were reported as custom fed cattle. Data are not comparable with 2002 for Custom fed cattle shipped directly to slaughter or Other cattle, livestock, poultry, or aquaculture categories.

Vegetables, melons, and potatoes. This category is the number of farms that produced and delivered vegetables, melons, and potatoes grown under a production contract.

Other crops. Data are for the total number of farms that have production contracts for other crops. This category includes all crops except grains, oilseeds, vegetables, melons, and potatoes.

Commodity Credit Corporation loans. This category includes nonrecourse marketing loans for wheat, corn, sorghum, barley, oats, cotton, rice, soybeans, Austrian winter peas, honey, dry peas, lentils, small chickpeas, peanuts, sunflower seed, flaxseed, canola and other rapeseed, safflower, mustard seed, crambe and sesame seed, and mohair. These commodities differ from those included in the 2002 census due to changes created by the 2007 Farm Bill.

Crop and livestock insurance payments received. See Total income from farm-related sources, gross before taxes and expenses.

Crop units of measure. The regional report forms allowed the operator to report the quantity of field crops harvested in a unit of measure commonly used in the region. When the operator reported in units different than the unit of measure published, the quantity harvested was converted to the published unit of measure.

Crop year or season covered. Acres and quantity harvested are for the calendar year 2007 except for citrus crops and sugarcane for sugar; limes in region three States; avocados in Florida and California; olives in California and Arizona; and pineapples and coffee in Hawaii.

1. Avocados. The data for Florida relate to the quantity in the April 2007 through March 2008 harvest season; for California and Arizona, the November 2006 through November 2007 harvest season.
2. Citrus crops. The data for region three relate to the quantity harvested in the September 2006 through August 2007 harvest season, except limes in Florida that were harvested in the April 2007 through March 2008 harvest season. The data for California and Arizona relate to the 2006 through 2007 harvest season. The data for limes relate to the April 2007 through March 2008 harvest season.
3. Olives. The data for California and Arizona relate to the September 2006 through March 2007 harvest season.
4. Pineapples. The data for Hawaii relate to the quantity harvested in the year ending May 31, 2007.
5. Sugarcane for sugar. The data for Florida, Louisiana, and Texas relate to the cuttings from September 2007 through April 2008.

Cropland, harvested. See Harvested cropland.

Cropland, irrigated. See Irrigated land.

Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed. Cropland idle includes any other acreage which could have been used for crops without any additional improvement and which was not reported as cropland harvested, cropland on which all crops failed, cropland in summer fallow, or cropland used for pasture or grazing. This category includes:

1. Land used for cover crops or soil improvement but not harvested or grazed.

2. Land in Federal or State conservation programs that was not hayed or grazed in 2007.
3. Land in Federal or State conservation programs that were planted to trees for future harvest timber, pulp, or Christmas trees.
4. Land occupied with growing crops for harvest in 2008 or later years but not harvested or summer fallowed in 2007 (except fruit or nuts in an orchard, grove, or vineyard being maintained for production). Examples are acreage planted in winter wheat, strawberries, etc., for harvest in 2008 and no crop was harvested from these acres in 2007.
5. Land in “skipped” rows between rows of crops or field strips.

Cropland, other. See Other cropland.

Cropland, total. See Total cropland.

Cropland used only for pasture or grazing. This category includes land used only for pasture or grazing that could have been used for crops without additional improvement. Also included were acres of crops hogged or grazed but not harvested prior to grazing. However, cropland that was pastured before or after crops were harvested in 2007 was included as harvested cropland rather than cropland for pasture or grazing.

Crustaceans. These are invertebrate animals with jointed legs and a hard shelled segmented body. Examples include crawfish, lobster, prawns, shrimp, and softshell crabs.

Custom fed cattle shipped directly for slaughter. See Commodities raised and delivered under production contract.

Customwork and custom hauling. See Total farm production expenses.

Customwork and other agricultural services. See Total income from farm-related sources, gross before taxes and expenses.

Cuttings, seedlings, liners, and plugs. This is a

new item for 2007. In 2002 data were included in other nursery and floriculture. See Nursery, greenhouse, floriculture, and sod.

Cut Christmas trees. See Christmas trees, cut.

Data are based on sample of farms. For censuses from 1978 through 2002, selected data items were collected from only a sample of farms. These data were subject to sampling error. For the 2007 census there was no sampling.

Depreciation expenses claimed. The calculation of total farm production expenses does not include depreciation because it is a capital expense. Depreciation allows the expensing of capital purchases over multiple years. It is not included in the calculation of Net cash farm income of the operation and operator.

Ducks, geese, and other poultry species. Data are the number of farms that had inventory of ducks, emus, geese, ostriches, pheasants, pigeons or squab, quail, and other poultry sold. Other poultry are those poultry not having a specific code on the report form. Data are comparable.

Ducks, geese, and other poultry species sold. Data are the number of farms that sold ducks, emus, geese, ostriches, pheasants, pigeons or squab, quail, and other poultry sold. Other poultry are those poultry not having a specific code on the report form. Data are comparable.

Expenses. See Total farm production expenses.

Economic class of farms. Economic class data are the classification of farms by the sum of market value of agricultural products sold and federal farm program payments. See Total market value of agricultural products sold and government payments.

Farm or ranch operator. See Operator characteristics.

Farm typology. The Economic Research Service (ERS), an agency of the United States Department of Agriculture, has established typology of farms to group farms by similar characteristics. This census is the first to include data cross-tabulated by the

eight farm typology categories. There are two major groupings of farms, small family farms with sales of less than \$250,000, and other farms. The small family farm group is divided into 5 subcategories, described below:

1. Limited-resource farms have market value of agricultural products sold gross sales of less than \$100,000, and total principal operator household income of less than \$20,000.
2. Retirement farms have market value of agricultural products sold of less than \$250,000, and a principal operator who reports being retired.
3. Residential/lifestyle farms have market value of agricultural products sold of less than \$250,000, and a principal operator who reports his/her primary occupation as other than farming.
4. Farming occupation/lower-sales farms have market value of agricultural products sold of less than \$100,000, and a principal operator who reports farming as his/her primary occupation.
5. Farming occupation/higher-sales farms have market value of agricultural products sold of between \$100,000 and \$249,999, and a principal operator who reports farming as his/her primary occupation.

Other farms are subdivided into three subcategories, described below:

1. Large family farms have market value of agricultural products sold between \$250,000 and \$499,999.
2. Very large family farms have market value of agricultural products sold of \$500,000 or more.
3. Nonfamily farms are farms organized as nonfamily corporations, as well as farms operated by hired managers.

Farms by age and primary occupation of operator. Data on age and primary occupation were obtained from up to three operators per farm in 2007. When compared with 2002 results, the average age

of farmers increased significantly. Older operators may be “retired” (with little if any sales) and still report farming as their primary occupation since they often have limited opportunity for off-farm jobs. See Primary occupation of the operator.

Farms by combined government payments and market value of agricultural products sold. This category represents the value of products sold plus government payments. Total value of products sold combines total sales not under production contract and total sales under production contract. Government payments consist of government payments received from the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP) plus government payments received from Federal, State, and local programs other than the CRP, WRP, FWP, and CREP, and Commodity Credit Corporation loans. See Total market value of agricultural products sold and government payments.

Farms by economic class. See Economic class of farms and Total market value of agricultural products sold and government payments

Farms by North American Industry Classification System (NAICS). The NAICS classifies economic activities. It was jointly developed by Mexico, Canada, and the U.S. NAICS makes it possible to produce comparable industrial statistics for Mexico, Canada, and the U.S. For the 2007 census, all agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) were classified by type of activity or activities using the NAICS code. The 2007 census is the third census to use NAICS. Censuses prior to the 1997 census used the old Standard Industrial Classification (SIC) system to classify farms.

NAICS was developed to provide a consistent framework for the collection, analysis, and dissemination of industrial statistics used by government policy analysts, academia and researchers, the business community, and the public. It is the first industry classification system developed in accordance with a single principle of aggregation that production units using similar production

processes should be grouped together. Though NAICS differs from other industry classification systems, statistics compiled on NAICS are comparable with statistics compiled according to the latest revision of the United Nations' International Standard Industrial Classification, Revision Three, (ISIC, Revision 3) for some sixty high level groupings. Following are explanations of the major classifications used in 2007.

Oilseed and grain farming (1111). Comprises establishments primarily engaged in (1) growing oilseed and/or grain crops and/or (2) producing oilseed and grain seeds. These crops have an annual life cycle and are typically grown in open fields. This category includes corn silage and grain silage. In the 2007 census, government-payment only farms were classified as "All other crop farming" (11199). In the 1997 census, government-payment only farms were coded as "All other grain farming (11119)."

Vegetable and melon farming (11121). Comprises establishments primarily engaged in one or more of the following: (1) growing vegetables and/or melon crops, (2) producing vegetable and melon seeds, and (3) growing vegetable and/or melon bedding plants.

Fruit and tree nut farming (1113). Comprises establishments primarily engaged in growing fruit and/or tree nut crops. These crops are generally not grown from seeds and have a perennial life cycle.

Greenhouse, nursery, and floriculture production (1114). Comprises establishments primarily engaged in growing crops of any kind under cover and/or growing nursery stock and flowers. "Under cover" is generally defined as greenhouses, cold frames, cloth houses, and lath houses. Crops grown are removed at various stages of maturity and have annual and perennial life cycles. The category includes short rotation woody crops and Christmas trees that have a growing and harvesting cycle of 10 years or less.

Other crop farming (1119). Comprises establishments primarily engaged in (1) growing crops such as tobacco, cotton, sugarcane, hay, sugarbeets, peanuts, agave, herbs and spices, and hay and grass seeds, or (2) growing a combination of the valid crops with no one crop or family of crops

accounting for one-half of the establishment's agricultural production (value of crops for market). Crops not included in this category are oilseeds, grains, vegetables and melons, fruits, tree nuts, greenhouse, nursery and floriculture products.

All other crop farming (11199). Comprises establishments primarily engaged in (1) growing crops (except oilseeds and/or grains; vegetables and/or melons; fruits and/or tree nuts; greenhouse, nursery, and/or floriculture products; tobacco; cotton; sugarcane; or hay) or (2) growing a combination of crops (except a combination of oilseed(s) and grain(s)); and a combination of fruit(s) and tree nut(s) with no one crop or family of crops accounting for one-half of the establishment's agricultural production.

Beef cattle ranching and farming (112111). Comprises establishments primarily engaged in raising cattle (including cattle for dairy herd replacements). Pastureland-only farms, those with only 100 or more acres of pastureland, were classified as "All other animal production farming (11299)."

Cattle feedlots (112112). Comprises establishments primarily engaged in feeding cattle for fattening.

Dairy cattle and milk production (112120). This industry comprises establishments primarily engaged in milking dairy cattle.

Poultry and egg production (1123). This industry group comprises establishments primarily engaged in breeding, hatching, and raising poultry for meat or egg production.

Sheep and goat farming (1124). This industry group comprises establishments primarily engaged in raising sheep, lambs, and goats, or feeding lambs for fattening.

Animal aquaculture (1125). Comprises establishments primarily engaged in the farm raising of finfish, shellfish, or any other kind of animal aquaculture. These establishments use some form of intervention in the rearing process to enhance production, such as holding in captivity, regular stocking, feeding, and protecting from predators.

Other animal production (1129). Comprises establishments primarily engaged in raising animals and insects (except cattle, hogs and pigs, poultry, sheep and goats, and aquaculture) for sale or product production. These establishments are primarily engaged in one of the following: bees, horses and other equine, rabbits and other fur-bearing animals, etc, and producing products such as honey and other bee products. Establishments primarily engaged in raising a combination of animals with no one animal or family of animals accounting for one-half of the establishment’s agricultural production are included in this industry group. Farms with only 100 acres or more of pastureland were classified as “All other animal production farming (11299).”

Farms by number of households sharing in net income of farm. Data were reported by the principal operator only. Households that received funds because they were only landlords, custom equipment operators, or provided other production services were not included. Published data can exceed the number of operators listed under Operators, all.

Farms by size. All farms were classified into size groups according to the total land area in the farm. The land area of a farm is an operating unit concept and includes land owned and operated as well as land rented from others. Land rented to or assigned to a tenant was considered part of the tenant’s farm and not part of the owner’s.

Farms by tenure of operator. All farms were classified by tenure of operators. The classifications used were:

- Full owners operated only land they owned.
- Part owners operated land they owned and also land they rented from others.
- Tenants operated only land they rented from others or worked on shares for others.

Farms with hired managers are classified according to the land ownership characteristics reported. For example, a corporation owns all the land used on the farm and hires a manager to run the farm. The hired manager is considered the farm operator, and the

farm is classified with a tenure type of “full owner” even though the hired manager owns none of the land he/she operates.

Farms by value of sales. See Market value of agricultural products sold.

Farms by type of organization. All farms were classified by type of organization in the 2007 census. The classifications used were:

1. Family or individual (sole proprietorship), excluding partnership and corporation.
2. Partnership, including family partnership – in selected tables, partnership was further subclassified into:
 - a. Registered under State law.
 - b. Not registered under State law.
3. Corporation, including family corporations - in selected tables, partnership was further subclassified into:
 - a. Family held or other than family held.
 - b. More than 10 stockholders.
4. Other, cooperative, estate or trust, institutional, etc.

Farms or farms reporting. The terms “farms” and “farms reporting” in the presentation of data are equivalent. Both represent the number of farms reporting the item. For example, if there are 3,710 farms in a State and 842 of them had 28,594 cattle and calves, the data for those farms reporting cattle and calves would appear as:

Cattle and calves farms	842
number	28,594

Farms with sales and government payments of less than \$1,000. This category includes farms with combined sales and government payments of less than \$1,000 but having the potential for sales of \$1,000 or more. In this category, government payments were included in calculating that potential. It provides information on all items for farms that normally would be expected to sell agricultural products of \$1,000 or more but had sales and government payments of less than \$1,000.

Farms with sales of less than \$1,000. This category includes farms with sales of less than \$1,000 but having the potential for sales of \$1,000 or more. Some of these farms had no sales in the census year. It provides information on all report form items for farms that normally would be expected to sell agricultural products of \$1,000 or more.

Fertilizer. See Total farm production expenses; Fertilizer, lime, and soil conditioners.

Floriculture crops. Data represent total of bedding/garden plants, cut flowers and cut florist greens, foliage plants, potted flowering plants, and other floriculture and bedding plants.

Field and grass seed crops, all. Data are for all the field and grass seed crops not published as field crops and include other field crops which did not have a specific code on the 2007 report form.

Forage - land used for all hay and all haylage, grass silage, and greenchop. Data shown represent the area harvested with each acre counted only once if dry hay, haylage, grass silage, or greenchop were cut from the same acreage or if there were multiple cuttings of dry hay, haylage, grass silage, or greenchop. Data exclude corn silage and sorghum silage. Quantity produced is the sum of the quantity harvested of all hay including alfalfa, other tame, small grain, and wild hay and all haylage, grass silage and greenchop after converting the all haylage, grass silage, and greenchop quantity harvested to a dry equivalent basis (13-percent moisture). The green tons of all haylage, grass silage, and greenchop harvested were multiplied by a factor of 0.4943 to convert to a dry equivalent. This conversion factor is based on the assumption that one ton of dry hay is 0.87 ton of dry matter, one ton of haylage or grass silage is 0.45 ton dry matter, and one ton of greenchop is 0.25 ton dry matter. The all haylage, grass silage, and greenchop quantity harvested is assumed to be comprised of 90-percent haylage and grass silage and 10-percent greenchop. Therefore, the conversion factor used to adjust all haylage, grass silage, and greenchop quantity harvested to a dry equivalent basis = $[(0.45*0.9)+(0.25*0.1)]/0.87 = 0.4943$.

Fruits and nuts. Total acres, bearing age acres, and nonbearing age acres were collected.

Ginseng. In 2007 ginseng acres are included in the vegetable acres. In 2002 ginseng harvested, irrigated harvested acres, and production were included in the acres for field crops. Total vegetable acres are not directly comparable.

Government payments. This category consists of direct payments as defined by the 2002 Farm Bill; payments from Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), and Conservation Reserve Enhancement Program (CREP); loan deficiency payments; disaster payments; other conservation programs; and all other federal farm programs under which payments were made directly to farm operators. Commodity Credit Corporation (CCC) proceeds, amount from State and local government agricultural program payments, and federal crop insurance payments were not tabulated in this category.

Grain and bean combines. In the 2007 and 2002 censuses, data were collected for self-propelled combines only.

Grain storage capacity. Data include the capacity of all storage structures on the operation normally used to store whole grains and oilseeds. These structures can be bins, silos, buildings, trailers, etc. The capacity or usage of any off-farm public or commercial storage facilities was excluded.

Grains, oilseeds, dry beans, and dry peas sales. Data are for the total market value of cash grains sold, including corn for grain, seed, or silage; wheat for grain; soybeans for beans; sorghum for grain, seed, or silage; barley for grain; rice; oats for grain; and other grains. Also included is the total market value of cash oilseeds sold, including sunflower seed (oil and non-oil), flaxseed, canola, rapeseed, safflower seed, mustard seed, dry beans, and dry peas.

Greenhouse fruits and berries. This is a new item for 2007. Data include strawberries, raspberries, etc. grown in greenhouses and high tunnels where the crops were always covered. In 2002, data were

included in Other nursery and greenhouse crops. See Nursery, greenhouse, floriculture, and sod.

Greenhouse tomatoes. This is a new item for 2007. In 2002, data were included in greenhouse produced vegetables. See Total greenhouse vegetables and fresh cut herbs.

Gross cash rent or share payments. See Total income from farm-related sources, gross before taxes and expenses.

Harvested cropland. This category includes land from which crops were harvested and hay was cut, land used to grow short-rotation woody crops and land in orchards, citrus groves, Christmas trees, vineyards, nurseries, and greenhouses. Land from which two or more crops were harvested was counted only once. Land in tapped maple trees was included in woodland not pastured. The 2007 census definition for harvested cropland is the same as the 2002 definition.

Hay - all hay including alfalfa, other tame, small grain, and wild. Data shown represent the acreage and quantity harvested of all types of dry hay. The quantity harvested was reported in dry tons (dry weight at the time the hay was removed from the field for storage or feeding). If two or more cuttings of dry hay were made from the same field, the acreage was reported only once as acres harvested of the appropriate dry hay category, but the production from all cuttings was combined in the corresponding quantity harvested. Straw acreage and production is excluded.

If dry hay was cut from the same land that haylage, grass silage, or greenchop was cut, the acreage and production for the dry hay was reported in the appropriate category of dry hay and the acreage and production for haylage, grass silage, or greenchop was reported in the appropriate haylage, grass silage, or greenchop category. For example, if 20 acres of alfalfa were cut for hay and then the same land was used to produce alfalfa haylage, 20 acres and the quantity harvested of hay were reported as Alfalfa and alfalfa mixtures for dry hay and 20 acres and the quantity harvested of alfalfa haylage were reported as Haylage or greenchop from alfalfa or alfalfa mixtures.

Hay, other tame dry hay. Data shown represent acreage and dry tons of hay harvested from clover, fescue, lespedeza, timothy, Bermuda grass, Sudangrass, sorghum hay, and other types of legumes (excluding alfalfa) and tame grasses (excluding small grains).

Hay, wild dry. Data shown represent acreage and dry tons of hay harvested that was predominately wild or native grasses, even if it had some fill-in seeding of other grasses.

Haylage, grass silage, and greenchop, all. Data shown represent the acreage and quantity harvested of all types (alfalfa and all other). The quantity harvested was reported in green tons. If two or more cuttings of haylage, grass silage, or greenchop were made from the same field, the acreage was reported as acres harvested in the appropriate haylage category only once, and the tonnage from all cuttings was combined in the corresponding quantity harvested. Straw acreage and production is excluded.

Hired farm labor. Data are for total hired farm workers, including paid family members, by number of days worked. Data exclude contract laborers.

Hogs and pigs by type of operation. In the 2007 census, hog and pig farms were classified by primary type of operation. Operation types were farrow to wean, farrow to feeder, farrow to finish, nursery, finish only, and other. Each description was accepted and the reported inventory and sales data were assigned to each reported type. In 2002 a respondent could select more than one operation type. Data are not comparable.

Hogs and pigs by type of producer. In the 2007 census, hog and pig farms were classified by one type of producer in 2007. Producer types were independent grower, contractor or integrator, and contract grower (contractee). Each description was accepted and the reported inventory and sales data were assigned to each reported type. In 2002 a respondent could select more than one producer type. Data are not comparable.

Honey collected. Data are for pounds of honey produced but not necessarily sold.

Horseradish. This is a new item for 2007. Data are for total acres harvested, acres harvested for fresh market, and acres harvested for processing. In 2002, horseradish was reported as other vegetables.

Income. Net cash farm income is published for the operation and operator. The difference between net cash income and net cash returns is that net cash returns does not include government payments and other farm-related income as income. See Net cash farm income of the operations and Net cash farm income of the operators.

Income from farm-related sources. See Total income from farm-related sources, gross before taxes and expenses.

Institutional, research, experimental, and American Indian Reservation farms. Data for these farms are combined into a single category. Research farms include farms operated by private companies as well as those operated by universities, colleges, and government organizations for the purpose of expanding agricultural knowledge.

Irrigated land. This category includes all land watered by any artificial or controlled means, such as sprinklers, flooding, furrows or ditches, sub-irrigation, and spreader dikes. Included are supplemental, partial, and preplant irrigation. Each acre was counted only once regardless of the number of times it was irrigated or harvested. Livestock lagoon waste water distributed by sprinkler or flood systems was also included.

Land area, approximate. The approximate land area represents the total land area as determined by records and calculations as of January 1, 2007. The 2007 area values differ from 2002 because of the improved accuracy of spatial data. The proportion of land area in farms may exceed 100-percent because some operations have land in two or more counties, but all acres are tabulated in the principal county of operation. The approximate land area data were supplied by the U.S. Department of Commerce, Bureau of the Census. See Land in two or more counties.

Land enrolled in crop insurance programs. The data are for all land enrolled in any Federal, private,

or other crop insurance program. It includes acreage of pasture/rangeland enrolled in crop insurance programs in areas where it is provided. Data are comparable with 2002.

Land enrolled in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP). CRP is a program established by the USDA in 1985 that takes land prone to erosion out of production for 10 to 15 years and devotes it to conservation uses. In return, farmers receive an annual rental payment for carrying out approved conservation practices on the conservation acreage. The WRP, FWP, and CREP programs are included under the CRP program that offers landowners financial incentives for conservation practices.

For the 2007 census, operations with land enrolled in the CRP, WRP, FWP, or CREP were counted as farms, given they received \$1,000 or more in government payments, even if they had no sales and otherwise lacked the potential to have \$1,000 or more in sales. 2002 data may not include FWP or CREP acreage so data are not directly comparable.

Land in berries. This is a new item for 2007. Data are for total land in berries. Respondents also reported harvested acres and not harvested acres by individual berry crops. In 2002, only harvested acreage was collected.

Land in farms. The acreage designated as “land in farms” consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator’s total operation. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the edit process. Land in farms includes CRP, WRP, FWP, and CREP acres.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was reported as land rented from others. All grazing land, except land used under government permits on a per-head basis, was included as “land in farms” provided it

was part of a farm or ranch. Land under the exclusive use of a grazing association was reported by the grazing association and included as land in farms. All land in American Indian reservations used for growing crops, grazing livestock, or the potential of grazing livestock was included as land in farms. Land in reservations not reported by reservation, individual American Indians or non-Native Americans was reported in the name of the cooperative group that used the land. In many instances, an entire American Indian reservation was reported as one farm.

Land in orchards. This category includes land in bearing age and nonbearing age fruit trees, citrus or other groves, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents also reported bearing age acres and nonbearing age acres by individual fruit and nut crops. Respondents were instructed not to report abandoned plantings and plantings of fewer than 20 total fruit, citrus, or nut trees or grapevines.

Land in two or more counties. With few exceptions, the land in each farm was tabulated as being in the operator's principal county. The principal county was defined as the one where the largest value of agricultural products was raised or produced. It was usually the county containing all or the largest proportion of the land in the farm or viewed by the respondent as his/her principal county. Reports received showing land in more than one county were separated into two or more reports if the data would substantially distort county totals.

Land in vegetables. Data are for the total land used for vegetable and melon crops. The acres were reported only once, even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres. In 2007, ginseng, potatoes, and sweet potatoes are included in land used for vegetables. In 2002, these acres were included in field crops. Data are not directly comparable.

Land used for organic production. See Total acres used for organic production.

Land used for vegetables. See Land in vegetables.

Landlord's share of the total sales. Data represent

the share of the operation's total sales that went to landlord(s).

Layers. This category includes table-egg type layers, hatching layers for meat-types, and hatching layers for table egg types. In 2002, this category was referred to as Layers 20 weeks and older. This is a wording change only; data are comparable.

Layers inventory. See Layers.

Layers sold. See Layers.

Less than \$1,000. See Farms with sales and government payments of less than \$1,000.

Livestock and poultry purchased or leased. See Total farm production expenses; *Livestock and poultry purchased or leased*.

Maple syrup. Data are for the number of taps set and syrup produced.

Market value of agricultural products sold. This category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 2007 regardless of who received the payment. It is equivalent to total sales and it includes sales by the operators as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. It includes value of direct sales and the value of commodities placed in the Commodity Credit Corporation (CCC) loan program. Market value of agricultural products sold does not include payments received for participation in other federal farm programs. Also, it does not include income from farm-related sources such as customwork and other agricultural services, or income from nonfarm sources.

The value of crops sold in 2007 does not necessarily represent the sales from crops harvested in 2007. Data may include sales from crops produced in earlier years and may exclude some crops produced in 2007 but held in storage and not sold. For commodities such as sugarbeets and wool sold through a co-op that made payments in several installments, respondents were requested to report the total value received in 2007.

The value of agricultural products sold was requested of all operators. If the operators failed to report this information, estimates were made based on the amount of crops harvested, livestock or poultry inventory, or number sold. Caution should be used when comparing sales in the 2007 census with sales reported in earlier censuses. Sales figures are expressed in current dollars and have not been adjusted for inflation or deflation. See Farms with sales and government payments of less than \$1,000.

Market value of agricultural products sold and government payments. See Total market value of agricultural products sold and government payments.

Migrant farm labor on farms with hired labor. Operators were asked whether any hired or contract workers were migrant workers. A migrant farm worker is a farm worker whose employment required travel that prevented the worker from returning to his/her permanent place of residence the same day.

Migrant farm labor on farms reporting only contract labor. Data are for those operations that did not have hired farm workers but reported that they did have migrant contract workers on their operation in 2007.

Misreported or miscoded crops. In a few cases, data may have been reported on the wrong line, in the wrong section, or the wrong crop code may have been assigned to a write-in crop code. A few of these errors may not have been identified and corrected during processing which resulted in rare cases of inaccurately tabulated data. Reports with significant acres of unusual crops for the area were examined to minimize the possibility that they were in error.

Mollusks. These are invertebrate animals with a soft body covering and shells of 1-18 parts or sections. Examples include abalones, clams, mussels, oysters, and snails. See Aquaculture for more information on production reported on the census.

More than one race reported. This category represents those operators who chose to report more than one race on the census form.

Mushroom spawn. This is a new item for 2007.

Respondents reported only sales; growing area was not summarized.

Mushrooms. All mushroom crops were considered grown under glass or other protection and no mushroom data were published as area in the open. Those reporting mushrooms grown in the open area were converted to an equivalent area of square feet under protection.

NAICS. See Farms by North American Industry Classification System (NAICS).

Net cash farm income of the operations. This concept is derived by subtracting total farm expenses from total sales, government payments, and other farm-related income. Depreciation is not used in the calculation of net cash farm income. Net cash farm income of the operation includes the value of commodities produced under production contract by the contract growers.

For publication purposes, farms are divided into two categories:

1. Farms with net gains (includes those operations that broke even).
2. Farms with net losses.

Net cash farm income of the operators. This value is the operators' total revenue (fees for producing under a production contract, total sales not under a production contract, government payments, and farm-related income) minus total expenses paid by the operators. Net cash farm income of the operator includes the payments received for producing under a production contract and does not include value of commodities produced under production contract by the contract growers. Depreciation is not used in the calculation of net cash farm income.

For publication purposes, farms are divided into two categories:

1. Farms with net gains (includes those operations that broke even).
2. Farms with net losses.

Noncitrus fruit, all. This is a summation of all acres reported in the commodities defined as noncitrus such as apples, grapes, and plums.

Noncitrus fruit, other. See other noncitrus fruit.

Nursery, greenhouse, floriculture and sod. In the 2007 census, individual data were collected for area under glass or other protection, area in the open, and sales of aquatic plants; bulbs, corms, rhizomes, and tubers; cuttings, seedlings, liners, and plugs; floriculture crops; flower seeds; greenhouse fruits and berries; total greenhouse vegetables and fresh cut herbs; mushrooms; mushroom spawn; nursery stock; other nursery crops; sod harvested; tobacco transplants; vegetable seeds; and vegetable transplants. Total sales data are the summation of all crops. In the 2002 census, mushroom spawn were not included so total sales data are not directly comparable. Also, in the 2002 census, individual crops sales data were not collected.

Nuts, all. Data include all nut trees. In 2002, the report form category Other fruit and nuts was used in some regions. Some nut trees were reported in this category. The data for all nut trees for 2002 cannot be summarized so data are not comparable.

Occupation. See Primary occupation of operator and/or Farms by age and primary occupation of operator.

Operator. The term operator designates a person who operates a farm, either doing the work or making day-to-day decisions about such things as planting, harvesting, feeding, and marketing. The operator may be the owner, a member of the owner's household, a hired manager, a tenant, a renter, or a sharecropper. If a person rents land to others or has land worked on shares by others, he/she is considered the operator only of the land which is retained for his/her own operation. The census collected information on the total number of operators, the total number of women operators, and demographic information for up to three operators per farm.

Operator characteristics. Operators (up to three operators per farm) were asked to report primary occupation, sex, age, race, place of residence, if

retired, number of days worked off farm, year in which his/her operation of the farm began, hired manager, number of persons living in the operators' households, and Spanish, Hispanic, or Latino origin. Information on the total number of operators and total number of women operators was collected from each operation. In addition, the principal operator was asked to report the percentage of total household income that came from the farm operation.

Operators of Spanish, Hispanic, or Latino origin. See Spanish, Hispanic, or Latino origin.

Operators, number. Demographic and other information were collected for up to three operators per farm - the principal operator plus up to two additional operators. This may be fewer than the total operators on some farms. Demographic data for up to three operators reported are presented separately for women, by race categories, and for Spanish, Hispanic, or Latino origin.

Operators, total. The data represent the total reported number of operators for the operation.

Operators, total women. The data represent the total number of women operators reported for the operation.

Oranges, all. All oranges are a summation of Valencia oranges and Other oranges. Total acres, bearing acres, and nonbearing acres were collected by category.

Oranges, other. See Other oranges.

Organic agriculture. See Total acres used for organic production and Total organic product sales.

Ornamental fish. This category includes various fish raised for water gardens, aquariums, etc. Examples include angel fish, guppies, koi, ornamental goldfish, and tropical fish. In the 2007 census the value of sales was tabulated for each specified species. In the 2002 census only total aquaculture value of sales was asked.

Other animals and other animal products sold. This category includes the number of farms and value of all animals and animal products not having specific codes on the 2007 report form.

Other aquaculture products. In the 2007 census, examples include the production of alligators, frogs, leeches, eels, live rock, salamanders and turtles. Data are not comparable with the 2002 census since other fish were listed separately on the 2002 report form and in 2007 it is included in other aquaculture products.

Other cattle. In the 2007 census, data include heifers that have not calved, steers, calves, and bulls.

Other cattle, livestock, poultry, or aquaculture. See Commodities raised and delivered under production contract.

Other citrus. In the 2007 census, data relate to any citrus crop not having a specific code on the report form. For 2007 data includes K-early citrus which was published as its own category in 2002 therefore data are not comparable with 2002.

Other cropland. This includes all cropland other than harvested cropland or cropland used only for pasture or grazing.

Other crops and hay. For the 2007 census, data are for the total market value of all crops not categorized into one of the prelisted crop sales categories on the report form and hay sales. This category includes crops such as grass seed, hay and grass silage, haylage, greenchop, hops, maple syrup, mint for oil, peanuts, sugarcane, sugarbeets, etc.

Other crops. Data relate to any field crops not having a specified code on the 2007 census report form. Amaranth, foxtail millet seed, lotus root, mungbeans, redtop seed, salt hay, and sweet rice were included in other field crops in the 2007 report form but were reported individually on the 2002 report form. The 2002 data, where compared, were not adjusted for these crop acreages.

Other-farm related income sources. See Total income from farm-related sources, gross before taxes and expenses.

Other field and grass seed crops. Data relate to any field or grass seed crop not having a specified code on the 2007 census report form. Sweet clover seed was included in other seed crops in the 2007

report form but were reported individually on the 2002 report form. The 2002 data, where compared, were not adjusted for this crop acreage.

Other floriculture and bedding crops. This is a new item for 2007. In 2002, data were reported in other nursery and greenhouse.

Other food fish. Data are for fish, other than catfish and trout, raised on farms for food. Examples include hybrid striped bass, moi, perch, salmon, sturgeon, and tilapia.

Other greenhouse vegetables and fresh cut herbs. This is a new item for 2007. In 2002, these data were included with greenhouse produced vegetables.

Other land. This category includes land in house lots, barn lots, ponds, roads, ditches, wasteland, etc. It includes those acres in the farm operation not classified as cropland, pastureland, or woodland. See Land in farms.

Other livestock. This category includes all livestock not having specific codes on the 2007 report form. See Other animals and other animal products sold.

Other livestock and poultry purchased or leased. See Total farm production expenses.

Other livestock products. Data for this category include the number of farms that sold livestock products that did not have a specific code on the 2007 report form.

Other noncitrus fruit. Data relate to any noncitrus fruit not having a specific code on the census report form.

Other nursery crops. This is a new item in 2007. It includes nursery crops not having specific codes on the report form. In 2002, data were reported in other nursery and greenhouse.

Other nuts. This category includes any nut crop not having a specific code on the report form. In 2007, data were collected for chestnuts separately while in 2002 chestnuts were included in Other nuts. Data are not comparable.

Other oranges. Data are for Oranges other than Valencia oranges, including Navel oranges.

Other poultry. Data are for other poultry not having a specific code on the report form. Data are comparable.

Other tame hay. See Hay, other tame dry hay.

Other vegetables. Data shown for other vegetables relate to any vegetable not having a specific code on the census form. In the 2007 census, data were collected separately for horseradish while in 2002 horseradish was included in other vegetables. Data are not directly comparable.

Patronage dividends. See Total income from farm-related sources, gross before taxes and expenses.

Payments received by the contractee for commodities produced under contract. These data show the number of farms and the dollar amount the contractees received from contractors for commodities produced under contract. This is not the market value of the commodities delivered, but the payment or fee the operators received for commodities delivered. For market value of the commodities delivered see Commodities raised and delivered under production contracts.

Peaches, all. Data for all peaches were collected as a category in all States except for California and Arizona. Peach data in California and Arizona were collected separately for clingstone and freestone peaches. The data were later combined with all peaches for publication. Data for clingstone and freestone are found in the California and Arizona publications only.

Pears, all. Data for all pears were collected as a category in all States except for California, Arizona, Idaho, Oregon, Alaska, and Washington. These States collected data separately for Bartlett pears and Other pears which were later combined into the Pear, all category. Data for Bartlett and other pears are found only in the State publications where collected.

Pecans, all. All pecans is a summation of Pecans, improved and Pecans, native and seedling. Total acres, bearing acres, and nonbearing acres were

collected by category in the 2007 census. In the 2002 census, total acres, bearing acres, and nonbearing acres were collected only as all pecans.

Pecans, improved. This is a new item for the 2007 census. Improved pecans are varieties that have been genetically altered through breeding and grafting techniques to produce more nuts, and nuts with a greater percentage of nut meat. See Pecans, all for further explanation.

Pecans, native and seedlings. This is a new item for the 2007 census. Native pecans are varieties that developed under natural conditions. Seedling pecans are produced from seed (the nut) and have not been budded or grafted. See Pecans, all for further explanation.

Peppers, Bell (excluding pimientos). The wording was improved to exclude pimientos which were reported as other vegetables.

Peppers, other than bell (including chile). The data includes all other peppers including chile. Pimientos were reported as other vegetables. In 2002 this category was referred to as Peppers, chile (all peppers, excluding bell). This is a wording change only; all data are comparable.

Permanent pasture and rangeland, other than cropland and woodland pastured. This land use category encompasses grazable land that does not qualify as woodland pasture or cropland pasture. It may be irrigated or dry land. In some areas, it can be a high quality pasture that could not be cropped without improvements. In other areas, it is barely able to be grazed and is only marginally better than wasteland. In 2002 this category was referred to as Pastureland and rangeland, other than cropland pastured. This is a wording change only; all data are comparable.

Plums. This was reported as an individual item only in California and Arizona. All other States reported plums in a combined plum and prune category.

Pluots. This is a new item for 2007. Pluots were reported as an individual item only in California, Arizona, Idaho, Oregon, Alaska, and Washington. In all other States pluots were reported in the Other non-citrus category.

Potatoes. In 2007 potato acres are included in the vegetable acres. Data are for total acres harvested, acres harvested for fresh market, and acres harvested for processing. Production was not collected. In 2002 potatoes acreage and production were included in the acres for field crops.

Poultry hatched. This category includes all poultry hatched on the operation during the year. The number of poultry hatched is under the Sold heading for both years.

Poultry, other. See Other poultry.

Primary occupation of operator. Data on age and primary occupation were obtained from up to three operators per farm. The primary occupation classifications used were:

1. *Farming or ranch work.* The operator spent 50-percent or more of his/her worktime during 2007 at farming or ranching.
2. *Other.* The operator spent less than 50-percent of his/her worktime during 2007 in farming or ranching operations.

Principal operator. The person primarily responsible for the on-site, day-to-day operation of the farm or ranch business. This person may be a hired manager or business manager. See Operators for further explanation.

Production contracts. See Commodities raised and delivered under production contracts.

Production expenses. See Total farm production expenses.

Prunes. This was reported as an individual item only in California and Arizona. All other States reported prunes in a combined plum and prune category.

Pullets for laying flock replacement. Data are for pullet inventory and the number sold or moved for laying flock replacement.

Race of operator. Data, except for Hawaii, were collected for American Indian (included Alaska

Native), Asian, Black or African American, Native Hawaiian and Other Pacific Islander, and White. Respondents were asked to mark one or more of the race categories. In Hawaii operator race data were collected for American Indian (included Alaska Native), Chinese, Filipino, Japanese, Korean, Other Asian, Black or African American, Native Hawaiian, other Pacific Islander, and White. The combination of Native Hawaiian and Other Pacific Islander is equivalent to the Native Hawaiian or Other Pacific Islander category on the other forms. The combination of the Chinese, Filipino, Japanese, Korean, and Other Asian categories is equivalent to the Asian category on the other forms. The Volume 1, Geographic Area Series, U.S. Summary publication only displays counts for the categories of Native Hawaiian and Other Pacific Islander and Asian. Data for the 11 Hawaii race categories are published in chapter 2 of the Hawaii publication of the Volume 1 series.

Raspberries, all. In 2007, raspberries were reported as All raspberries except in Alaska, Idaho, Oregon, and Washington where they were reported as black raspberries or red raspberries. In these States, black raspberries and red raspberries data were combined as Raspberries, all for comparability with other States. In 2002, raspberries were reported as all raspberries except in Idaho, Oregon, and Washington.

Raspberries, black. See Raspberries.

Raspberries, red. See Raspberries.

Rental of farmland. See Total income from farm-related sources, gross before taxes and expenses; Gross cash rent or share payments.

Sales, total. See Market value of agricultural products sold.

Sheep and lambs inventory. Data are for sheep and lambs of all ages owned regardless of location. In 2007 sheep and lambs were collected in their own section to clarify to respondents that only "owned" sheep and lambs were to be reported versus any sheep and lambs on the operation.

Short-rotation woody crops. Data are for short-

rotation woody crops that grow from seed to a mature tree in 10 years or less. These are trees for use by the paper or pulp industry or as engineered wood. This does not include lumber. Acres in production were included in Cropland harvested in the “Land” section of the report form.

Size of farm. See Farms by size.

Sorghum for syrup (gallons). Data are for sorghum syrup produced. 2002 data were collected as pounds produced so the 2002 data were divided by 11.55 to convert the pounds to gallons.

Squash, all. All squash is a summation of summer squash and winter squash. Total acres, acres for fresh market, and acres for processing were collected by category in the 2007 census. In the 2002 census, total acres and acres for processing were collected as all squash.

Squash, summer. This is a new item for the 2007 census. See Squash, all.

Squash, winter. This is a new item for the 2007 census. See Squash, all.

Spanish, Hispanic, or Latino origin. Operators of Spanish, Hispanic, or Latino origin are found in all of the racial groups listed in the census and were tabulated according to the race reported, as well as on tables pertaining only to this group.

Sport or game fish. Data are for sport or game fish and it includes fish raised to restock public waters or for sale at fee fishing operations. Examples include bluegill, crappie, largemouth bass, smallmouth bass, sunfish, muskie, northern pike, walleye, and sunfish.

Sweet potatoes. In 2007 sweet potato acres are included in the vegetable acres. Data are for total acres harvested, acres harvested for fresh market, and acres harvested for processing. Production was not collected. In 2002 sweet potatoes acreage and production were included in the acres for field crops.

Tame hay. See Hay, other tame dry.

Tenure. See Farms by tenure of operator.

Tobacco transplants. This is a new item for 2007. Data are for tobacco transplants that were sold for transplant to farm fields. Transplants grown for transplanting to the same operation were not reported or removed during data review. In 2002, data were reported as Other nursery and greenhouse.

Tomatoes in the open. Data are for tomatoes grown in the open. In 2007 the wording “in the open” was added to clarify between tomatoes grown in open fields versus tomatoes grown under cover. Data are comparable.

Total acres used for organic production. This is a new item in the 2007 census. Respondents were instructed to report organic production as defined by the National Organic Standards while in 2002 only acreage of certified organically produced crops was collected. Organic acreage is divided into organic crops and organic pasture. The count of farms producing organic crops may differ from that found in other sources because this item is self reported by respondents. No attempt was made to verify reports with certifying organic organizations. The acres reported for organic crops must be less than or equal to the acres reported as cropland harvested for each operation.

In 2002, data were collected for the number of acres used to raise certified organically produced crops. This was replaced in 2007 with acreage and value of sales of organically produced commodities. For certified production, only a “Yes” or “No” response question was asked in the “Organic Agriculture” section. The 2007 data do not compare with 2002 Land used to raise certified organically produced crops. See Total organic product sales.

Total cropland. This category includes cropland harvested, cropland used only for pasture or grazing, cropland on which all crops failed or were abandoned, cropland in cultivated summer fallow, and cropland idle or used for cover crops or soil improvement but not harvested and not pastured or grazed.

Total farm production expenses. Includes the production expenses provided by the operators, partners, landlords (excluding property taxes), and production contractors for the farm business in 2007.

Tenant farmers reported expenses paid by landlords for the agricultural production on the operation, as well as their expenses. Farm or ranch operators who rented part of their land to others reported only the expenses for the land they actually used themselves and not expenses for land rented to others. The 2007 total farm production expenditure includes all farm-related expenses such as customwork, fuel costs, cost of cutting timber, services provided to hunters, cooperative membership fees, etc. However, if the income from these farm-related categories was not considered a part of the operation (i.e., if the income was regarded as derived from a separate business), then the associated expenses were not included. The contractor's portion of expenses was solely based on computer generated estimates for 2007.

This item excludes expenses relating to non-farm activities such as trading and speculation in the commodities market or livestock trading activities. Explanations of selected production expenses are listed below.

All other production expenses. This category includes all expenses not listed on the report form. Examples include animal health costs, storage and warehousing, marketing and ginning expenses, insurance, etc. Health expenses and payroll taxes were excluded.

Breeding livestock purchased or leased. These expenses include all breeding livestock and poultry purchased or leased during 2007 for production on the farm or ranch. The total includes amount spent for beef and dairy cows, heifers, bulls, sows, gilts, boars, rams, lambs, ewes, roosters, hens, layers, etc. Estimations of the value of livestock or poultry fed on a custom basis were to be made based on their value when they arrived on the farm or ranch. In 2002 data were only collected for purchased breeding livestock. Data are not directly comparable.

Cash rent paid in 2007 for land and buildings. These data include the cost of renting land and buildings that were part of the operation. Rent paid for the operator's dwelling or other non-farm property and the value of the shares of crops and livestock paid to landlords were excluded.

Chemicals. These 2007 expenses include insecticides, herbicides, fungicides, and other pesticides, including costs of custom application. Data exclude commercial fertilizer purchased.

Contract labor. These data include payments made to contractors, crew leaders, cooperatives, or any other organization hired to furnish a crew of laborers to do a job that may involve one or more agricultural operations. In some cases, a crew leader may furnish some equipment. Data exclude expenses made on a contractual basis for repair or maintenance or for capital improvements, such as construction of farm buildings, installation of fences or irrigation systems, and land leveling.

Customwork and custom hauling. These expenses include costs incurred for having customwork done on the place and for renting machines to perform agricultural operations. The cost of cotton ginning is excluded. The cost of labor involved in the customwork service is included in the customwork expense. Some examples of customwork are planting, spraying, harvesting, preparation of products for marketing, grinding and mixing feed, corn picking, grain drying, and silo filling. The cost of custom application of fertilizer and chemicals is included in expenditures for fertilizer and chemicals in 2007, just as it was in the 2002 census. The cost of hired labor for operating rented or hired machinery is included as a hired farm and ranch labor expense.

Feed purchased. These expenses include the cost of all feed for livestock and poultry including grain, hay, silage, mixed feeds, concentrates, etc. during 2007.

Fertilizer, lime, and soil conditioners. These 2007 expenses include fertilizer and lime including rock phosphate and gypsum, and the costs of custom application.

Gasolines, fuels, and oils. These expenses include the cost of all gasoline, diesel, natural gas, LP gas, motor oil, and grease products for the farm during 2007. Expenses exclude fuel for personal use of automobiles by the family and others, fuel used for cooking and heating the farmhouse, and any other use outside of farmwork on the operation.

Hired farm labor. These 2007 expenses include the total amount paid for farm or ranch labor including regular workers, part-time workers, and members of the operator's family if they received payments for labor. Expenses include social security taxes, State taxes, unemployment tax, payment for sick leave or vacation pay, workman's compensation, insurance premiums, and pension plans.

Interest paid on debts. These expenses include interest and finance charges paid in 2007 for debts secured by real estate and on debt not secured by real estate. Interest expenses excluded from this category are non-farm interest expenses and interest expenses originating from machinery and equipment used for a separate customwork business or for other operations. Interest expense for the operator's dwelling, where the amount is separate from interest on farm land and buildings on the operation, is excluded. Interest paid on debts was reported in one of two categories:

1. *Secured by real estate.* These data include all interest expenses paid in 2007 on debts secured by real estate for the farm.
2. *Not secured by real estate.* These data include all interest expenses paid in 2007 on debts secured by machinery, tractors, trucks, other equipment, livestock, poultry, breeding stock, money borrowed for use as working capital, and interest paid on CCC loans for the farm.

Livestock and poultry purchased or leased. These data include Breeding livestock purchased or leased and Other livestock and poultry purchased or leased.

Other livestock and poultry purchased or leased. These expenses include all non-breeding livestock and poultry purchased or leased during 2007 for production on the farm or ranch. The total includes amounts spent for cattle, calves, hogs, pigs, sheep, hatchery eggs, etc. In 2002 data were only collected for purchased livestock and poultry. Data are not directly comparable.

Property taxes paid. These data include property taxes paid by the operators for the farm share of land, machinery, buildings, and livestock, excluding taxes paid by this operator's landlords.

Rent and lease expenses for machinery, equipment, and farm share of vehicles. These data include the farm share cost of renting or leasing machinery, equipment, and vehicles during 2007. Rental and lease expenses of items used only for custom hire are excluded here.

Repairs, supplies, and maintenance. These expenses include all costs for the repair and upkeep of buildings, motor vehicles, fences, and farm equipment used for the farm business during 2007. Repairs to equipment used both for the farm business and for performing customwork are included.

Seeds, plants, vines, and trees. These expenses include the cost of all seeds, bulbs, plants, propagation materials, trees, seed treatments, seed cleaning costs, etc. purchased during 2007. Excluded were items purchased for immediate resale or the value of seed grown on this place.

Utilities. These data show the farm share cost of electricity, telephone charges, internet fees, and water purchased in 2007. Included in the water cost is water purchased for irrigation purposes, livestock watering, etc. Household utility costs were excluded from these items.

Total greenhouse vegetables and fresh cut herbs.

This category includes greenhouse tomatoes and other greenhouse vegetables and fresh cut herbs. In 2002 this category was referred to as greenhouse vegetables. This is only a wording change; all data are comparable.

Total income from farm-related sources, gross before taxes and expenses.

This includes gross income from farm-related sources received in 2007 before taxes and expenses from the sales of farm byproducts and other sales and services closely related to the principal functions of the farm business. The data exclude income from employment or business activities which were separate from the farm business. Categories that make up the farm-related income calculation changed between the 2002 and 2007 censuses. In the 2007 census, Crop and livestock insurance payments received and Amount from State and local government agricultural program payments are published separately. In the 2002 census, these

categories were combined with Other farm-related income sources.

Agri-tourism and recreational services. This income includes income from recreational services such as hunting, fishing, farm or wine tours, hay rides, etc. In the 2002 census, this category was referred to as Recreational Services. This is a wording change only; all data are comparable.

Amount from State and local government agricultural program payments. This is a new item for 2007. This income includes State and local government agricultural program payments. Respondents were to exclude the State and local portion of CREP payments if they were reported in the amount received for participation in CREP in section 4, item 1a of the report form. In 2002 this income was included with Other farm-related income sources.

Crop and livestock insurance payments received. This is a new item for 2007. This income includes insurance payments from crop and livestock losses. In 2002 this income was combined with Other farm-related income sources.

Customwork and other agricultural services. This income includes gross receipts received by the farm operators for providing services for others such as planting, plowing, spraying, and harvesting. Income from customwork and other agricultural services is generally included in the agriculture census if it is closely related to the farming operation. However, it is excluded if it constituted a separate business or was conducted from another location.

Gross cash rent or share payments. This income includes gross cash or share payments received from renting out farmland, payments received from the lease or sale of allotments, and payments received for livestock pastured on a per-head, per month, or per pound basis. It excludes rental income from nonfarm property.

Other-farm related income sources. This is other income which is closely related to the agricultural operation. This income includes animal boarding, breeding fees (horse breeding or stud fees received were reported in the Value of Sales section in the

Other animals and other animal products category), tobacco quota buyouts, State fuel tax refunds, farm generated energy, etc. In the 2007 census, crop and livestock insurance payments received and amount from State and local government agricultural program payments were published separately. In the 2002 census, these categories were combined with other farm-related income sources. Data are not comparable.

Patronage dividends and refunds from cooperatives. This income includes payments to a farmer or rancher for business done with a cooperative to which he/she usually belongs. The payment is usually for goods sold through the co-op.

Sales of forest products. This income includes gross receipts from sales of standing timber, pulpwood, firewood, etc. from the farm or ranch operation. It excludes income from nonfarm timber tracts, sawmill businesses, cut Christmas trees, maple products, and short-rotation woody crops.

Total operators. See Operators, total.

Total organic product sales. This is a new item for the 2007 census. The data represent the value of organically produced agricultural commodities sold from operations during 2007. It was the intention of the question to collect the value of those products that were produced as organic according to the National Organic Standards. These sales may come from either crop or livestock production and are divided into three categories:

1. Sales for crops, including nursery and greenhouse crops.
2. Sales for livestock and poultry.
3. Sales for livestock and poultry products. Sales data are not comparable.

Total sales. See Market value of agricultural products sold.

Total market value of agricultural products sold and government payments. This category represents the value of products sold plus government payments. Total value of products sold

combines total sales not under production contract and total sales under production contract. Government payments consist of government payments received from the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP) plus government payments received from Federal, State, and local programs other than the CRP, WRP, FWP, and CREP, and Commodity Credit Corporation loans.

Trucks, including pickups. This is a new item for 2007. The data were last published in the 1997 census.

Turkeys. In the 2007 census, turkey data are a combination of turkeys for meat production and turkey hens kept for breeding tabulated from two questions. The number of turkeys sold includes turkeys sold for slaughter or moved to other farms, which may result in a turkey being sold more than once from different operations. In the 2002 census, turkey inventory and sales were tabulated in one question.

Type of organization. See Farms by type of organization.

Typology. See Farm typology.

Utilities. See Total farm production expense.

Value of agricultural products sold directly to individuals for human consumption. This item represents the value of agricultural products produced and sold directly to individuals for human consumption from roadside stands, farmers' markets, pick-your-own sites, etc. It excludes non-edible products such as nursery crops, cut flowers, and wool but includes livestock sales. Sales of agricultural products by vertically integrated operations through their own processing and marketing operations were excluded.

Value of commodities. Data show the number of farms and the market value of all commodities delivered under a production contract.

Value of landlord's share of total sales. Data

include the value of agricultural sales received by the landlords.

Value of organically produced commodities. See Total organic product sales.

Value of sales. See Market value of agricultural products sold.

Vegetable transplants. This is a new item for 2007. Data are for vegetable transplants grown and sold from this operation for transplanting to fields on another operation. In 2002 vegetable transplants were reported as other nursery and greenhouse.

Vegetables harvested for fresh market. This is a new item for the 2007 census. Respondents reported the total vegetable acres harvested, harvested for processing, and harvested for fresh market.

Vegetables harvested for sale. The acres of vegetables harvested is the summation of the acres of individual vegetables harvested. All of the individual vegetable items may not be shown. When more than one vegetable crop was harvested from the same acreage, acres were counted for each crop. In 2007, ginseng, potatoes, and sweet potatoes are included in vegetables harvested. In 2002, these acres were included in field crops. The 2002 data, where compared, were not adjusted to include ginseng, potatoes, and sweet potatoes acreage.

Vegetables, melons, and potatoes. See Commodities raised and delivered under production contracts.

Vegetables, other. See Other vegetables.

Wheat for grain. Data were reported by type of wheat - Durum, winter, and spring other than Durum.

Woodland pastured. This category includes all woodland used for pasture or grazing during the census year. Woodland or forest land pastured under a per-head grazing permit was not counted as land in farms and, therefore, was not included in woodland pastured.

Woodland, total. This category includes natural or

planted woodlots or timber tracts, cutover and deforested land with young growth which has or will have value for wood products and woodland pastured. Land covered by sagebrush or mesquite was reported as Permanent pastureland and rangeland or other land. Land planted for Christmas tree production and short rotation woody crops was reported in Cropland harvested, and land in tapped maple trees was reported as Woodland not pastured.

Write-in crops. To reduce the length of the report form, only the major crops for each region were prelisted on the regional report forms. For other

crops, the respondent was asked to look at a list of crops in each section and write in the crop name and its code. For crops that had no individual code listed on the report form, the respondent was to write in the crop name and code of the appropriate “all other” category for that section. Write-in crops coded as “all other” were reviewed and assigned a specific code when possible. Crops not assigned a specific code were left in the appropriate “all other” category. The national report form was an open table design so most of the commodities were reported as write-in commodities.

UNITED STATES 2007 CENSUS OF AGRICULTURE

Form Number: 07-A0201
(08/17/06)



National Agricultural
Statistics Service

Please return your
completed report to:

Census of Agriculture
1201 East 10th Street
Jeffersonville, IN 47132

OFFICE USE ONLY

07-A0201

Please make corrections to name, address, and ZIP code if necessary.

0013		
0011	0012	
0014	0015	0016
0021	0022	0023

- Everyone who receives a form must return one by mail or via the Internet at www.agcensus.nass.usda.gov
- Your report is due by **February 4, 2008**.
- To fill out the paper form, use a black or blue ballpoint pen.
- **Duplicate forms?** If you received extra census report forms for the SAME farming operation, return all report forms in the same envelope with this completed report.

THANK YOU FOR YOUR COOPERATION.

Questions? Call us toll free at 1-888-424-7828.

¿Preguntas? Llámenos libre de cargos al 1-888-424-7828.

PENALTY FOR FAILURE TO REPORT

NOTICE: Response to this inquiry is required by law (Title 7, U.S. Code). By the same law, YOUR REPORT IS CONFIDENTIAL and it will only be used for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

07201015 

SECTION 1 ACREAGE IN 2007

Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization named on the front of this form. Include ALL LAND, REGARDLESS OF LOCATION OR USE - cropland, Conservation Reserve Program (CRP) and Wetlands Reserve Program (WRP) land, pastureland, rangeland, woodland, idle land, farmsteads, etc.

	None		Number of Acres
1. All land owned.	0043	<input type="checkbox"/>	
2. All land rented or leased from others , including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include Federal, State, and railroad land leased on a per-acre basis. Exclude land (i.e. private, Federal, State, railroad, etc.) used on a per-head or animal unit month (AUM) basis under a grazing permit. . . .	0044	<input type="checkbox"/>	
3. All land rented or leased to others , including land worked on shares by others and land subleased.	0045	<input type="checkbox"/>	
4. TOTAL ACRES in this operation for this census - Add items 1 and 2, then subtract item 3. If the entry is zero, please refer to the enclosed Instruction Sheet, section 1.			
These acres are referred to as THIS OPERATION for the remainder of this report.	0046		

	None		Number of Acres
5. How many acres rented or leased to others (Item 3 above) did this operation own ?	0053	<input type="checkbox"/>	

6. Location of agricultural activity for this operation

a. In what county was the largest value of your agricultural products raised or produced?

	Principal County Name		State		Number of Acres
0055		0060		0056	

b. If you also had agricultural activity in any **other** county, enter the county name(s), etc.

Other County Name(s)	State		Number of Acres
		0057	
		0058	
		0059	
		0042	

07201023

SECTION 2 LAND

Report how the acres reported in SECTION 1, item 4 were used in 2007. Include land in CRP, WRP, and other State and Federal programs. **Exclude land rented to others.** Report land only once, in the first item that applies. For example: Land that was both pastured and had a crop harvested should be reported only in cropland harvested (item 1a).

1. Cropland - Exclude cropland pasture.			
a. Cropland harvested - Include all land from which crops were harvested or hay was cut, all land in orchards, citrus groves, vineyards, berries, and nursery and greenhouse crops, Christmas trees, and short rotation woody crops.	0787	None <input type="checkbox"/>	Number of Acres
b. Cropland on which all crops failed or were abandoned - Exclude land in orchards and vineyards.	0790	<input type="checkbox"/>	
c. Cropland in cultivated summer fallow.	0791	<input type="checkbox"/>	
d. Cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed.	1062	<input type="checkbox"/>	
2. Pasture			
a. Permanent pasture and rangeland - Exclude cropland pasture.	0796	<input type="checkbox"/>	
b. Woodland pastured.	0794	<input type="checkbox"/>	
c. Cropland used only for pasture or grazing - Include rotation pasture and grazing land that could have been used for crops without additional improvements.	0788	<input type="checkbox"/>	
3. Woodland not pastured - Include woodlots, timber tracts, and sugarbush.	0795	<input type="checkbox"/>	
4. All other land - Include land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc.	0797	<input type="checkbox"/>	
5. TOTAL ACRES - Add the acres reported in items 1 through 4 above. Should be the same acres as those reported in SECTION 1, Item 4.	0798	<input type="checkbox"/>	

SECTION 3 IRRIGATION

1. Were any of the acres on this operation irrigated by sprinklers, flooding, ditches or furrows, drip or trickle irrigation, etc. in 2007?			
1065	1 <input type="checkbox"/> Yes - Complete this section	3 <input type="checkbox"/> No - Go to SECTION 4 below	
2. Harvested land irrigated - Include irrigated land from which crops were harvested or hay was cut and land in bearing and nonbearing fruit, nut, and berry crops.		None <input type="checkbox"/>	Acres Irrigated
	0680	<input type="checkbox"/>	
3. Pastureland, rangeland, abandoned cropland, and other land irrigated.		<input type="checkbox"/>	
	0681		

SECTION 4 CONSERVATION RESERVE PROGRAM AND CROP INSURANCE

1. How many acres in this operation were enrolled in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP), on September 30, 2007 ?		None <input type="checkbox"/>	Number of Acres
	0683	<input type="checkbox"/>	
a. Amount received in 2007 for participation in these programs.		<input type="checkbox"/>	Dollars
	0685		\$.00
2. How many acres in this operation were covered under a crop insurance policy in 2007?		<input type="checkbox"/>	Number of Acres
	1067		

07201031 

- DO NOT report crops grown on land rented TO OTHERS -

SECTION 5		FIELD CROPS				
1. Were any field crops, such as corn, soybeans, wheat, etc., harvested from this operation in 2007? Include your landlord's share and crops grown under contract. Exclude crops grown on land rented to others. 1011 1 <input type="checkbox"/> Yes - Complete this section 3 <input type="checkbox"/> No - Go to SECTION 6						
2. For those crops not printed in the following table, enter the crop name and code from the list below for any other field crop harvested in 2007. Report quantity harvested in the unit specified with the crop name.						
Field Crop	Code	Acres Harvested		Total Quantity Harvested	Acres Irrigated	
		Acres	Tenths		Acres	Tenths
Tobacco - all types (tenth acres)	0094				Lbs.	
Field Crop	Code	Acres Harvested		Total Quantity Harvested	Acres Irrigated	
Barley for grain or seed	0079				Bu.	
Corn for grain or seed	0067				Bu.	
Corn for silage or greenchop	0070				Tons	
Dry edible beans - kidney, black, etc. - Exclude limas.	0554				Cwt.	
Oats for grain or seed	0076				Bu.	
Popcorn - pounds shelled	0662				Lbs.	
Rye for grain or seed - Exclude ryegrass.	0686				Bu.	
Sorghum for grain or seed - Include milo	0082				Bu.	
Sorghum for silage or greenchop - Report Sorghum-Sudan crosses in Section 7.	0085				Tons	
Soybeans for beans	0088				Bu.	
Wheat, Spring for grain or seed, other than Durum	0728				Bu.	
Winter wheat for grain or seed harvested in 2007	0572				Bu.	
If more space is needed, use a separate sheet of paper.						
FIELD CROPS	CODE	FIELD CROPS	CODE	FIELD CROPS	CODE	FIELD CROPS
Alfalfa seed (pounds)	0542	Lespedeza seed (pounds)	0638	Sudangrass seed (pounds)	0713	Sugarbeets for seed (pounds)
Birdsfoot trefoil seed (pounds)	0566	Mint, peppermint (pounds of oil)	0047	Sugarbeets for sugar (tons)	0719	Sunflower seed, non-oil variety (pounds)
Bromegrass seed (pounds)	0569	Mint, spearmint (pounds of oil)	0050	Sunflower seed, oil variety (pounds)	0773	Timothy seed (pounds)
Buckwheat (bushels)	0575	Orchardgrass seed (pounds)	0653	Other field crop, specify above	0752	
Canola, edible (pounds)	0614	Peas, dry edible (hundredweight)	0659			
Cotton, Upland (bales)	0581	Potatoes - Report in SECTION 10.				
Emmer and spelt (bushels)	0599	Proso millet for grain or seed (bushels)	0665			
Fescue seed (pounds)	0602	Red clover seed (pounds)	0671			
Flaxseed (bushels)	0605	Ryegrass seed (pounds)	0689			
Hay - Report in SECTION 7.		Sorghum for syrup (gallons)	0704			
Herbs, dried (pounds)	0620	Sorghum-Sudan crosses - Report in SECTION 7.				
Kentucky bluegrass seed (pounds)	0629					

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SECTION 6 GRAIN STORAGE CAPACITY

1. Were any facilities to store whole grains or oilseeds on this operation on **December 31, 2007**?

¹⁰²⁸ 1 **Yes** - Complete this section 3 **No** - Go to SECTION 7 below

2. What was the total whole grains and oilseed storage capacity on this operation? Include capacity of all structures normally used for storing whole grains and oilseeds. ¹⁰²⁹

Bushels

SECTION 7 HAY AND FORAGE CROPS

1. Were any hay and forage crops cut or harvested from this operation in 2007? Include your landlord's share and crops grown under contract. Exclude crops grown on land rented to others.

¹¹⁵² 1 **Yes** - Complete this section 3 **No** - Go to SECTION 8 below

TOTAL HAY AND FORAGE CROPS - Exclude straw, corn silage, and sorghum silage.

2. All land from which dry hay, haylage, grass silage, or greenchop was cut or forage was harvested. ¹⁰²¹

None	Acres Harvested	Acres Irrigated
<input type="checkbox"/>		

For items 3 through 8, when both dry hay and haylage were cut from the same acres, report acres for each type. If two or more cuttings were made from the same acres, report acres for that item only once, but report total quantity harvested from all cuttings.

ALFALFA HAY AND SILAGE

3. Alfalfa and alfalfa mixtures for dry hay. . . 0103

None	Acres Harvested	Total Tons Harvested	Acres Irrigated
<input type="checkbox"/>			

4. Haylage or greenchop from alfalfa or alfalfa mixtures. ¹⁰⁷⁰

<input type="checkbox"/>			
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OTHER HAY AND SILAGE

5. Small grain dry hay - barley, oats, rye, wheat, etc. ⁰¹⁰⁶

<input type="checkbox"/>			
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6. Other tame dry hay - clover, fescue, lespedeza, timothy, Bermuda grass, Sudangrass, etc. ⁰¹⁰⁹

<input type="checkbox"/>			
--------------------------	--	--	--

7. Wild dry hay. ⁰¹¹²

<input type="checkbox"/>			
--------------------------	--	--	--

8. All other haylage, grass silage, and greenchop. ¹⁰⁷³

<input type="checkbox"/>			
--------------------------	--	--	--

SECTION 8 WOODLAND CROPS AND MAPLE SYRUP

1. Were any woodland crops grown, harvested, or tapped on this operation in 2007? Include your landlord's share and crops grown under contract. Exclude crops grown on land rented to others.

¹¹⁵³ 1 **Yes** - Complete this section 3 **No** - Go to SECTION 9

2. Cut Christmas trees - cut or to be cut. Report live trees sold in SECTION 9. ¹⁰²³

None	Acres in Production	Number of Trees Cut	Acres Irrigated
<input type="checkbox"/>			

3. Short rotation woody crops - Trees with growth cycles of 10 years or less. Report nursery stock in SECTION 9. ¹⁰²⁵

None	Acres in Production	Acres Harvested	Acres Irrigated
<input type="checkbox"/>			

4. Maple syrup. ⁰⁸⁰⁰

None	Number of Taps	Syrup Produced
<input type="checkbox"/>		

Gallons



SECTION 9 NURSERY, GREENHOUSE, FLORICULTURE, SOD, MUSHROOMS, VEGETABLE SEEDS, AND PROPAGATIVE MATERIALS

1. Were any nursery, floriculture, or greenhouse crops, including ornamental plants, flowers, mushrooms, aquatic plants, sod, food crops under protection, vegetable seeds, flower seeds, or other propagative materials, grown for sale on this operation in 2007? Include crops produced under contract and food crops grown in greenhouses, caves, and high tunnels where crops were always covered. Exclude personal or home use crops. Report food crops temporarily covered for early germination, frost protection, etc. in SECTION 10, 11, or 12.

1032 1 **Yes** - Complete this section 3 **No** - Go to SECTION 10

Area Irrigated		
Square Feet	Acres in the Open	
	Acres	Tenths

2. Nursery, greenhouse, floriculture, sod, mushrooms, and propagative materials irrigated. 0477 None

3. Enter the crop type and code from the list below for all crops grown in 2007. Report area grown and value of sales in the table.

Crop Type	Code	Square Feet Under Glass or Other Protection	Acres in the Open		Value of Sales (Dollars)
			Acres	Tenths	
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00

If more space is needed, use a separate sheet of paper.

- FLORICULTURE AND BEDDING CROPS** **CODE**
- Bedding/Garden plants - annuals, herbaceous perennials, vegetable plants. 0479
 - Cut flowers and cut florist greens. 0485
 - Foliage plants, indoor. 0707
 - Potted flowering plants. 0710
 - Other floriculture and bedding, specify above. 1015

- PROPAGATIVE MATERIALS SOLD** **CODE**
- Bulbs, corms, rhizomes, and tubers, dry. 0482
 - Cuttings, seedlings, liners, plugs. 1002
 - Flower seeds. 0882
 - Tobacco plants sold for transplant to farm fields. 1004
 - Vegetable seeds. 0884
 - Vegetable transplants to farm fields. 1006

- NURSERY CROPS** **CODE**
- Nursery stock - ornamentals, shrubs, shade trees, live Christmas trees, fruit and nut trees, vines, palms, ornamental grasses, etc. 0488
 - Aquatic plants. 0880
 - Other nursery, specify above. 1017

- FOOD CROPS GROWN UNDER GLASS OR OTHER PROTECTION** **CODE**
- Tomatoes. 1019
 - Other vegetables and fresh cut herbs. 0503
 - Fruits and berries. 1008

- SOD** **CODE**
- Sod harvested. 0497

- MUSHROOM CROPS** **CODE**
- Mushrooms - Report growing area and sales. 0494
 - Mushroom spawn - Report sales only. 2495



SECTION 10 VEGETABLES, POTATOES, AND MELONS

1. Were any vegetables, potatoes, sweet corn, or melons harvested from this operation in 2007? Include crops grown under contract. Exclude personal or home use crops. Report crops grown under glass or other protection in SECTION 9.

¹¹⁰¹ 1 **Yes** - Complete this section 3 **No** - Go to SECTION 11

2. Acres from which vegetables, potatoes, and melons were harvested in 2007. Report multiple cropped acreage only once. 0375

Acres Harvested		Acres Irrigated	
Acres	Tenths	Acres	Tenths

3. For those crops not printed in the following table, enter the crop name and code from the list below for any other vegetables harvested in 2007.

- If more than one vegetable crop was harvested from the same acres, report acres for each crop.
- For two or more pickings of the same crop, report the area harvested only once.
- Processing refers to vegetables that have been altered by heat, pressure, or freezing.

Crop Name	Code	Total Acres Harvested		Acres Harvested for Fresh Market		Acres Harvested for Processing	
		Acres	Tenths	Acres	Tenths	Acres	Tenths
Beans, snap (bush and pole)	0381						
Peppers, Bell - Exclude pimientos.	0443						
Peppers, other than Bell - Include chile.	0445						
Potatoes	0097						
Pumpkins	0449						
Sweet corn	0461						
Tomatoes in the open	0463						

If more space is needed, use a separate sheet of paper.

CROP NAME	CODE	CROP NAME	CODE	CROP NAME	CODE
Asparagus, bearing age.	0418	Eggplant.	0415	Parsley.	0439
Beans, Lima.	0429	Escarole and endive.	0417	Peas, Chinese (sugar, snow).	0405
Beets.	0383	Garlic.	0421	Peas, green.	0441
Broccoli.	0385	Ginseng.	0446	Radishes.	0451
Brussels sprouts.	0387	Herbs, fresh cut.	0455	Rhubarb.	0453
Cabbage, Chinese.	0389	Honeydew melons.	0423	Spinach.	0457
Cabbage, head.	0391	Horseradish.	0424	Squash, summer.	0468
Cantaloupes and muskmelons.	0395	Kale.	0425	Squash, winter.	0470
Carrots.	0397	Lettuce, head.	0428	Sweet potatoes.	0100
Cauliflower.	0399	Lettuce, leaf.	0430	Turnip greens.	0467
Celery.	0401	Lettuce, Romaine.	0432	Turnips.	0465
Chicory.	0403	Mustard greens.	0431	Watermelons.	0473
Collards.	0407	Okra.	0437	Vegetables, other, specify above.	0475
Cucumbers and pickles.	0411	Onions, dry.	0433		
		Onions, green.	0435		



SECTION 11 FRUIT AND NUTS

1. Was there a combined total of 20 or more fruit or nut trees, including grapevines, on this operation in 2007? Include crops grown under contract. Exclude abandoned acres. Report berries in SECTION 12.

¹⁰⁴⁷ 1 **Yes** - Complete this section 3 **No** - Go to SECTION 12

Total Acres		Acres Irrigated	
Acres	Tenths	Acres	Tenths

2. Acres in bearing and nonbearing fruit orchards, vineyards, and nut trees. 0121

3. Complete the following table for all fruits and nuts on this operation in 2007. Include acres even if not harvested because of low prices, damage from hail, frost, etc.

Crop Name	Code	Total Acres		Bearing Age Acres		Nonbearing Age Acres	
		Acres	Tenths	Acres	Tenths	Acres	Tenths
Apples	0123						
Apricots	0129						
Cherries, sweet	0345						
Cherries, tart	0587						
Chestnuts	0324						
Grapes	0366						
Hazelnuts (Filberts)	0327						
Nectarines	0201						
Peaches	0228						
Pears	0246						
Pecans, improved	0336						
Pecans, native and seedling	0342						
Persimmons	0237						
Plums and prunes	0252						
Walnuts, English	0357						
Other fruits or nuts, specify <input type="checkbox"/>							
<input type="text"/>							
Other fruits or nuts, specify <input type="checkbox"/>							
<input type="text"/>							
Other fruits or nuts, specify <input type="checkbox"/>							
<input type="text"/>							
Other fruits or nuts, specify <input type="checkbox"/>							
<input type="text"/>							

If more space is needed, use a separate sheet of paper.

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SECTION 12 BERRIES

1. Were any strawberries, cranberries, or other berries grown on this operation in 2007? Include crops grown under contract. Exclude personal or home use crops. Report crops grown under glass or other protection in SECTION 9.

¹⁰⁴¹ 1 **Yes** - Complete this section 3 **No** - Go to SECTION 13

Acres Grown		Acres Irrigated	
Acres	Tenths	Acres	Tenths

2. Acres on which berries were grown in 2007. ¹⁰⁴⁵

3. Complete the following table for each berry crop grown on this operation in 2007. For two or more pickings of the same crop, report the acres only once.

Crop Name	Code	Total Acres		Acres Harvested		Acres not Harvested	
		Acres	Tenths	Acres	Tenths	Acres	Tenths
Blackberries and dewberries	0509						
Blueberries, tame	0512						
Blueberries, wild	0515						
Cranberries	0521						
Currants	0524						
Raspberries	0492						
Strawberries	0536						
Other berries, specify below ↴ <input type="text"/>	0539						
Other berries, specify below ↴ <input type="text"/>							
Other berries, specify below ↴ <input type="text"/>	0539						
Other berries, specify below ↴ <input type="text"/>							
Other berries, specify below ↴ <input type="text"/>	0539						
Other berries, specify below ↴ <input type="text"/>							
Other berries, specify below ↴ <input type="text"/>	0539						
Other berries, specify below ↴ <input type="text"/>							

If more space is needed, use a separate sheet of paper.



SECTION 13 CATTLE AND CALVES

1. Did you or anyone else have any cattle or calves, including dairy cattle, on this operation in 2007?

- Include**
- Cattle on public or industrial property under a grazing permit.
 - Cattle on land used rent free by this operation.
 - Cattle grown or fed on this operation for others on a custom or contract basis.
- Exclude** cattle grown or fed by someone else on a custom or contract basis.

¹²⁰¹ 1 **Yes** - Complete this section 3 **No** - Go to SECTION 14 below

DECEMBER 31, 2007 INVENTORY

2. Of the total number of cattle and calves on hand, how many were -

	None	Number on this operation December 31, 2007
a. Beef cows? Include beef heifers that had calved. Exclude heifers that had not calved, steers, calves, and bulls. 0804	<input type="checkbox"/>	
b. Milk cows kept for production of milk? Include dry milk cows and milk heifers that had calved. 0805	<input type="checkbox"/>	
c. Other cattle? Include heifers that had not calved, steers, calves, and bulls. 1206	<input type="checkbox"/>	
3. TOTAL cattle and calves on hand December 31, 2007 - Add items 2a, 2b and 2c. 0803	<input type="checkbox"/>	

CATTLE AND CALVES SOLD OR MOVED FROM THIS OPERATION

4. Of the cattle and calves sold or moved from this operation during 2007, how many were -

	None	Number
a. Calves sold or moved in 2007 weighing less than 500 pounds? 0808	<input type="checkbox"/>	
b. Cattle sold or moved in 2007, including calves weighing 500 pounds or more? 0810	<input type="checkbox"/>	

CATTLE IN FEEDLOTS - Include animals for slaughter market fed a ration of grain or other concentrates that are expected to produce a carcass that will grade select or better. Exclude cattle that were pastured only.

	None	Number
5. How many of the cattle on hand reported in Item 3 above were on feed December 31, 2007, and were or will be shipped directly from your feedlot to slaughter market? Exclude cattle being backgrounded. . . 1207	<input type="checkbox"/>	
6. How many of the cattle sold during 2007 reported in Item 4b above were shipped directly from your feedlot to slaughter market? Exclude any of your cattle being custom fed in feedlots operated by others. Exclude cattle sold as feeders. 0812	<input type="checkbox"/>	

SECTION 14 SHEEP AND LAMBS

1. Did this operation **own** any sheep or lambs in 2007, regardless of location?

¹¹⁰³ 1 **Yes** - Complete this section 3 **No** - Go to SECTION 15

	None	Number owned on December 31, 2007	Total number sold in 2007	Wool shorn in 2007 (pounds)
2. Sheep and lambs owned. . . 0824	<input type="checkbox"/>			
a. Ewes 1 year old or older. 0826	<input type="checkbox"/>			



SECTION 15 POULTRY

1. Did you or anyone else have any poultry, such as chickens, turkeys, ducks, emus, ostriches, etc., on this operation in 2007? Include poultry grown for others on a contract basis.

1217 1 **Yes** - Complete this section 3 **No** - Go to SECTION 16

		Number on this operation December 31, 2007	Total number sold or moved from this operation in 2007
2. Chickens -			
a. Layers -			
(i) Table egg types - Include layers for home use. 1229	None <input type="checkbox"/>		
(ii) Hatching layers for meat-types - Include layers for broilers, roasters, and other meat-types. 1231	<input type="checkbox"/>		
(iii) Hatching layers for table eggs. 1233	<input type="checkbox"/>		
b. Pullets for laying flock replacement. 1221	<input type="checkbox"/>		
c. Broilers, fryers, and other chickens raised for meat production, including capons and roasters. 0898	<input type="checkbox"/>		
3. Turkeys -			
a. Turkeys for meat production - Exclude breeders. 1225	<input type="checkbox"/>		
b. Turkey hens kept for breeding. 1227	<input type="checkbox"/>		
4. Ducks. 0904	<input type="checkbox"/>		
5. Emus. 0845	<input type="checkbox"/>		
6. Geese. 0906	<input type="checkbox"/>		
7. Ostriches. 0878	<input type="checkbox"/>		
8. Pheasants. 0910	<input type="checkbox"/>		
9. Pigeons or squab. 0908	<input type="checkbox"/>		
10. Quail. 0912	<input type="checkbox"/>		
11. All other poultry - Include bantams, chukars, guineas, rheas, peacocks. Specify below ↴			
<input type="text"/> 0914	<input type="checkbox"/>		
12. All poultry hatched on this operation's hatcheries in 2007. Include chicks, poults, ducklings, etc., and those custom hatched for others. Specify kind(s) of poultry below ↴			
<input type="text"/> 0916	None <input type="checkbox"/>	Number	<input type="text"/>



SECTION 16 HOGS AND PIGS

1. Did you or anyone else have any hogs or pigs on this operation in 2007? Include hogs grown for others on a contract basis. Contractors or integrators only report hogs on land you operate. Exclude hogs grown by someone else on a contract basis.

1211 1 **Yes** - Complete this section 3 **No** - Go to SECTION 17 below

DECEMBER 31, 2007 INVENTORY

2. Of the total number of hogs and pigs on hand, how many were -

None
Number on this operation
December 31, 2007

a. Hogs and pigs used or to be used for breeding? 0816

b. Other hogs and pigs, including market hogs? 0817

3. **TOTAL** hogs and pigs on hand December 31, 2007 -
Add items 2a and 2b. 0815

4. Number of hogs and pigs sold or moved from this operation in 2007,
including feeder pigs. 0820

Number sold or moved

TYPE OF OPERATION AND PRODUCER

5. Mark the **one** item which best describes this operation -

1241 Farrow to wean 1242 Farrow to finish 1243 Finish only

1244 Farrow to feeder 1245 Nursery 1246 Other - specify →

6. Mark the **one** item which best describes this producer -

1214 Independent grower 1215 Contractor or integrator 1216 Contract grower (contractee)

SECTION 17 AQUACULTURE

1. Did you or anyone else have any aquaculture on this operation in 2007? Include production for others on a contract basis.

1157 1 **Yes** - Complete this section 3 **No** - Go to SECTION 18

2. Enter the aquaculture type and code from the list below for fish and other aquaculture products grown on this operation in 2007. Include all sizes for each type. For fish include food size, fingerlings, fry, and eggs. Report aquatic plants in SECTION 9.

Aquaculture Type	Code	Total pounds sold or moved	Total number sold or moved	Value of Sales (Dollars)
		OR		\$.00
		OR		\$.00
		OR		\$.00
		OR		\$.00

If more space is needed, use a separate sheet of paper.

AQUACULTURE TYPE	CODE	AQUACULTURE TYPE	CODE	AQUACULTURE TYPE	CODE
Catfish	0860	Baitfish	0900	Ornamental fish	0980
Trout	0863	Crustaceans (crayfish, shrimp, etc.)	0902	Sport or game fish	0984
Other food fish - specify above	0896	Mollusks (clams, oysters, etc.)	0978	Other aquaculture products - specify above	0869

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SECTION 18 COLONIES OF BEES

1. Did this operation **own** any bees in 2007, regardless of location?

1104 1 **Yes** - Complete this section 3 **No** - Go to SECTION 19 below

	Number owned on December 31, 2007	Total colonies sold in 2007	Honey collected in 2007 (pounds)
2. Colonies of bees owned.0839 <input type="checkbox"/>			

SECTION 19 OTHER ANIMALS AND LIVESTOCK PRODUCTS

1. Did you or anyone else have any horses, goats, other livestock, or livestock products on this operation in 2007?

1237 1 **Yes** - Complete this section 3 **No** - Go to SECTION 20

	Number on December 31, 2007	Total number sold in 2007
2. Horses and ponies.0830 <input type="checkbox"/>		
a. How many of these were owned by this operation?0872 <input type="checkbox"/>		
3. Mules, burros, and donkeys.0833 <input type="checkbox"/>		
4. Milk goats.0843 <input type="checkbox"/>		
5. Angora goats.0847 <input type="checkbox"/>		
6. Meat goats and other goats.0851 <input type="checkbox"/>		
7. Alpacas.0876 <input type="checkbox"/>		
8. Llamas.0874 <input type="checkbox"/>		
9. Bison.0886 <input type="checkbox"/>		
10. Deer in captivity.0888 <input type="checkbox"/>		
11. Elk in captivity.0890 <input type="checkbox"/>		
12. Rabbits, including pelts.0854 <input type="checkbox"/>		
13. Mink, including pelts.0836 <input type="checkbox"/>		

	Number on December 31, 2007	Total number sold in 2007
14. Other livestock. Report emus and ostriches in section 15. Specify below <input type="checkbox"/>		


	Pounds clipped in 2007
15. Mohair.0849 <input type="checkbox"/>	


	Quantity produced in 2007	Unit reported
16. Other livestock products - Include semen, embryos, worm castings, manure sold, etc. Specify below <input type="checkbox"/>		

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SECTION 20 PRODUCTION CONTRACTS AND CUSTOM FEEDING

1. During 2007, were you a production contract grower for a processor or contractor where you grew a crop, raised livestock or poultry, or custom fed any livestock that **you did not own**? A production contract is an agreement setting terms, conditions, and fees to be paid by the contractor to this operation for the production of crops, livestock, or poultry.

1301 1 **Yes** - Complete this section 3 **No** - Go to SECTION 21 



2. Report number of head, bushels, etc. that were raised under production contracts and moved from this operation in 2007. Exclude commodities raised for marketing contracts.

	None	Total quantity moved from this operation in 2007	Unit
a. Broilers and other meat-type chickens. 1304	<input type="checkbox"/>		birds
b. Chicken eggs. 1305	<input type="checkbox"/>		dozen
c. Pullets for laying flock replacement. 1306	<input type="checkbox"/>		birds
d. Turkeys. 1307	<input type="checkbox"/>		birds
e. Custom fed cattle shipped directly for slaughter - Exclude cattle custom fed for you by others. 1308	<input type="checkbox"/>		head
f. Hogs and pigs. 1309	<input type="checkbox"/>		head
g. Other cattle, livestock, poultry, or aquaculture - specify type ↴ <input type="text"/> 1310	<input type="checkbox"/>		
h. Grains and oilseeds. 1311	<input type="checkbox"/>		bushels
i. Vegetables, melons, and potatoes - specify type ↴ <input type="text"/> 1312	<input type="checkbox"/>		
j. Other crops - specify type ↴ <input type="text"/> 1313	<input type="checkbox"/>		

3. What was the total dollar amount received in 2007 for delivering commodities under production contracts? 1314

Total Dollars	\$.00
---------------	----	--	-----

4. Mark all inputs that were partially or completely paid or provided by contractor(s) -

1316 Feeder livestock and poultry 1320 Supplies 1323 Veterinary Services

1317 Feed 1325 Seed 1324 Breeding livestock

1318 Fertilizer and lime 1321 Fuels 1326 Other - specify →

1319 Chemicals 1322 Utilities 1315 None

5. Enter Contractor that provided inputs and owned the commodity ↴

1327



SECTION 21 VALUE OF SALES

Report gross value of agricultural products sold from this operation in 2007. Include the value of your landlord's share, marketing charges, taxes, hauling, etc. Exclude dollars for items produced under production contracts.

		None	Dollars	
1. Grains, oilseeds, dry beans, and dry peas -				
a.	Corn for grain, seed, or silage.	1391	<input type="checkbox"/>	\$.00
b.	Wheat.	1392	<input type="checkbox"/>	\$.00
c.	Soybeans.	1393	<input type="checkbox"/>	\$.00
d.	Sorghum for grain, seed, or silage.	1394	<input type="checkbox"/>	\$.00
e.	Barley.	1395	<input type="checkbox"/>	\$.00
f.	Rice.	1398	<input type="checkbox"/>	\$.00
g.	Other - canola, dry edible beans, dry edible peas, flaxseed, oats, popcorn, rye, safflower, sunflower seed, etc.	1399	<input type="checkbox"/>	\$.00
2. Tobacco. 1332 <input type="checkbox"/> \$.00				
3. Cotton and cottonseed. 1333 <input type="checkbox"/> \$.00				
4. Vegetables, melons, potatoes, and sweet potatoes, including beets, cabbage, cantaloupes, ginseng, pumpkins, sweet corn, tomatoes, watermelons, vegetable seeds and transplants, etc. 1334 <input type="checkbox"/> \$.00				
5. Fruit, tree nuts, and berries, including almonds, apples, blueberries, cherries, grapefruit, grapes, hazelnuts, kiwifruit, oranges, pears, pecans, strawberries, walnuts, etc. 1335 <input type="checkbox"/> \$.00				
6. Nursery, greenhouse, floriculture, and sod, including bedding plants, bulbs, cut flowers, flower seeds, foliage plants, mushrooms, nursery potted plants, shrubbery, etc. 1336 <input type="checkbox"/> \$.00				
7. Cut Christmas trees and short rotation woody crops. 1337 <input type="checkbox"/> \$.00				
8. Other crops and hay, including grass seed, hay, grass silage, hops, maple syrup, mint, peanuts, sugarcane, sugarbeets, etc. 1338 <input type="checkbox"/> \$.00				
9. Hogs and pigs. 1341 <input type="checkbox"/> \$.00				
10. Milk and other dairy products from cows. 1340 <input type="checkbox"/> \$.00				
11. Cattle and calves, including beef and dairy cattle for breeding stock, fed cattle, beef and dairy cull animals, stockers and feeders, veal calves, etc. 1339 <input type="checkbox"/> \$.00				
12. Sheep, goats, and their products, including wool, mohair, milk, and cheese. 1342 <input type="checkbox"/> \$.00				
13. Horses, ponies, mules, burros, and donkeys. 1343 <input type="checkbox"/> \$.00				
14. Poultry and eggs, including broilers, chickens, turkeys, ducks, eggs, geese, hatchlings, pheasants, poultry products, etc. 1344 <input type="checkbox"/> \$.00				
15. Aquaculture, including catfish, trout, ornamental and other fish, mollusks, crustaceans, etc. 1345 <input type="checkbox"/> \$.00				
16. Other animals and other animal products, including bees, embryos, fur-bearing animals, honey, horns, manure, rabbits, semen, other animal specialties, etc. 1346 <input type="checkbox"/> \$.00				
17. TOTAL SALES - Add items 1 through 16. 1347 <input type="checkbox"/> \$.00				
a. What was the value of your landlord's share of the total sales (item 17 above) produced by this operation? Exclude cash rent. 1349				
			None <input type="checkbox"/>	Dollars \$.00



DIRECT SALES FOR HUMAN CONSUMPTION

18. During 2007, did you produce, raise, or grow any crops, livestock, poultry, or agricultural products that were **sold directly to individual consumers for human consumption**? Include sales from roadside stands, farmers markets, pick your own, door to door, etc. Exclude craft items and processed products such as jellies, sausages, and hams.

1409	1	<input type="checkbox"/>	Yes	-	Gross value of these direct sales.	0920		Dollars	
							\$		.00
	1410	Specify product(s) → <input style="width: 300px;" type="text"/>							
	3	<input type="checkbox"/>	No	- Go to SECTION 22 below					

SECTION 22 ORGANIC AGRICULTURE

1. Did this operation produce organic products (according to the National Organic Standards) for sale in 2007?

1248 1 **Yes** - Complete this section 3 **No** - Go to item 7 below

2. Was this operation a certified organic operation?

1250 1 **Yes** - Specify agency or organization that certified the organic production below. ↴

1252

3 **No** - Organic sales were exempt from certification.

						None	Number of Acres		
3.				How many acres were used for organic production?	1430	<input type="checkbox"/>	<input style="width: 150px;" type="text"/>		
	a.			Acres from which organic crops were harvested?	1440	<input type="checkbox"/>	<input style="width: 150px;" type="text"/>		
	b.			Acres of organic pastureland?	1450	<input type="checkbox"/>	<input style="width: 150px;" type="text"/>		

							Dollars		
4.				What was the total value of sales for crops produced and sold as organic by this operation in 2007? Include hay, fruits, vegetables, greenhouse products, grains, and oilseeds.	1460	<input type="checkbox"/>	\$	<input style="width: 150px;" type="text"/>	.00

							\$	<input style="width: 150px;" type="text"/>	.00
5.				What was the total value of sales for livestock and poultry produced and sold as organic by this operation in 2007?	1470	<input type="checkbox"/>			

							\$	<input style="width: 150px;" type="text"/>	.00
6.				What was the total value of sales for livestock and poultry products produced and sold as organic by this operation in 2007? Include eggs, milk, etc.	1480	<input type="checkbox"/>			

							Number of Acres		
7.				In 2007, how many acres were being converted to organic production?	1490	<input type="checkbox"/>	<input style="width: 150px;" type="text"/>		

SECTION 23 COMMODITY CREDIT CORPORATION LOANS (CCC)

1. Did this operation receive any CCC loans in 2007? Include all CCC loans taken out in 2007, even if repaid.

¹⁰³⁵ 1 **Yes** - Complete this section 3 **No** - Go to SECTION 24 below

2. Total amount received in 2007 from CCC loans for all commodities.

Include Austrian winter peas, barley, canola and other rapeseed, corn, cotton, crambe, dry edible peas, flaxseed, honey, lentils, mohair, mustard seed, oats, peanuts, rice, safflower, sesame seed, small chickpeas, sorghum, soybeans, sunflower seed, and wheat. 1411

None	Dollars
<input type="checkbox"/>	\$ <input style="width: 100px;" type="text"/> .00

SECTION 24 FEDERAL AND STATE AGRICULTURAL PROGRAM PAYMENTS

1. Did this operation receive any Federal, State, or local agricultural program payments in 2007? Exclude CCC loan payments. Also exclude CRP, WRP, FWP, and CREP payments reported in SECTION 4.

¹⁰³⁶ 1 **Yes** - Complete this section 3 **No** - Go to SECTION 25 below

2. Amount received from -

a. Direct payments as defined under the 2002 Farm Bill. 1420

b. Counter-cyclical payments, loan deficiency payments (LDPs), marketing loan gains, and net value of commodity certificates. Include payments received through cooperatives. 1421

c. Other Federal agricultural program payments. Include disaster payments and market loss payments, national dairy market loss payments, non-insured assistance program, EQIP (Environmental Quality Incentives Program), CSP (Conservation Security Program), livestock programs, and any other Federal programs. Exclude any type of insurance payments received. 1422

d. State and local government agricultural program payments. 1423

None	Dollars
<input type="checkbox"/>	\$ <input style="width: 100px;" type="text"/> .00
<input type="checkbox"/>	\$ <input style="width: 100px;" type="text"/> .00
<input type="checkbox"/>	\$ <input style="width: 100px;" type="text"/> .00
<input type="checkbox"/>	\$ <input style="width: 100px;" type="text"/> .00

SECTION 25 INCOME FROM FARM-RELATED SOURCES

Report amount received before taxes and expenses in 2007.

1. Customwork and other agricultural services provided for farmers and others, such as plowing, planting, spraying, harvesting, preparation of products for market, etc. Exclude if customwork was an entirely separate business from your agricultural operation. 0992

2. Payments received from **cash rent** or **share payments** from renting out farmland or payments from lease of allotments. Include payments for livestock pastured on a per-head basis, per-month basis, AUM basis, etc. 0993

3. Sales of forest products. Include timber, firewood, etc. Exclude sales of Christmas trees, short rotation woody crops, and maple products. 0994

4. Agri-tourism and recreational services, such as farm or winery tours, hay rides, hunting, fishing, etc. 1401

5. Patronage dividends and refunds from cooperatives. 1402

6. Crop and livestock insurance payments received. Exclude payments received from casualty insurance, vehicle liability, blanket policies, and operator dwelling insurance. 1404

7. Other income which is closely related to the agricultural operation. Include renting and leasing farm machinery and trucks, renting and leasing of livestock, animal boarding, tobacco quota buyouts and settlements, state fuel tax refunds, farm-generated energy, etc. Specify below. ↴

	None	Dollars
. 1403	<input type="checkbox"/>	\$ <input style="width: 100px;" type="text"/> .00

None	Dollars
<input type="checkbox"/>	\$ <input style="width: 100px;" type="text"/> .00
<input type="checkbox"/>	\$ <input style="width: 100px;" type="text"/> .00
<input type="checkbox"/>	\$ <input style="width: 100px;" type="text"/> .00
<input type="checkbox"/>	\$ <input style="width: 100px;" type="text"/> .00
<input type="checkbox"/>	\$ <input style="width: 100px;" type="text"/> .00
<input type="checkbox"/>	\$ <input style="width: 100px;" type="text"/> .00



SECTION 26 PRODUCTION EXPENSES

Report total production expenses paid for this operation in 2007. Include expenses paid by your landlords and expenses connected with performing customwork for others. Exclude expenses not related to the farm business and any expenses paid by the contractor.

EXPENSES PAID BY THIS OPERATION AND ITS LANDLORD(S)

	None	Dollars
1. Fertilizer, lime, and soil conditioners purchased - Include cost of custom application and organic materials. 1501	<input type="checkbox"/>	\$.00
2. Chemicals purchased such as insecticides, herbicides, fungicides, other pesticides, etc. - Include cost of custom application. 1502	<input type="checkbox"/>	\$.00
3. Seeds, plants, vines, trees, etc. purchased - Include technology or other fees, seed treatments, and seed cleaning cost. Exclude items purchased for resale without additional growth. 1503	<input type="checkbox"/>	\$.00
4. Breeding livestock purchased or leased, regardless of age - Include dairy cattle. 1504	<input type="checkbox"/>	\$.00
5. All other livestock and poultry purchased or leased - Include stocker and feeder cattle, calves, sheep, lambs, feeder pigs, chicks, pullets, poults, horses, fish, goats, bee colonies, etc. Include livestock leasing expense. 1505	<input type="checkbox"/>	\$.00
6. Feed purchased for livestock and poultry - Include grain, hay, silage, mixed feeds, concentrates, supplements, premixes, etc. 1506	<input type="checkbox"/>	\$.00
7. Gasoline, fuels, and oils purchased for the farm business - Include diesel, natural gas, LP gas, motor oil and grease, etc. 1507	<input type="checkbox"/>	\$.00
8. Utilities purchased for the farm business - Include electricity, farm share of telephone, water purchased, etc. 1508	<input type="checkbox"/>	\$.00
9. Repairs, supplies, and maintenance costs for the farm business. 1509	<input type="checkbox"/>	\$.00
10. Labor -		
a. Hired farm and ranch labor - Include employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc. 1510	<input type="checkbox"/>	\$.00
b. Contract labor - Include expenses for labor, such as harvesting of fruit, vegetables, berries, etc. performed on a contract basis by a contractor, crew leader, etc. 1511	<input type="checkbox"/>	\$.00
11. Customwork and custom hauling, such as custom planting, harvesting, etc. and custom hauling of grain, livestock, milk, manure, etc. 1512	<input type="checkbox"/>	\$.00
12. Rent -		
a. Cash rent paid in 2007 for land and buildings - Include grazing fees. 1513	<input type="checkbox"/>	\$.00
b. Rent and lease expenses for machinery, equipment, and farm share of vehicles - Exclude custom hire. 1514	<input type="checkbox"/>	\$.00
13. Interest paid on debts -		
a. Secured by real estate. 1515	<input type="checkbox"/>	\$.00
b. Not secured by real estate. 1516	<input type="checkbox"/>	\$.00
14. Property taxes paid in 2007 - Include farm real estate, machinery, livestock, etc. for the farm business. Exclude taxes paid by this operation's landlords. 1517	<input type="checkbox"/>	\$.00
15. Other production expenses - Include animal health cost, storage and warehousing, marketing expenses, insurance, etc. Exclude health insurance premiums and payroll taxes. 1518	<input type="checkbox"/>	\$.00

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EXPENSES PAID BY LANDLORD(S)

	None	Dollars
16. How much did your landlord(s) pay for the production expenses for this operation in 2007? 1519	<input type="checkbox"/>	\$ <input type="text"/> .00

DEPRECIATION

	None	Dollars
17. What was the total depreciation expense claimed by this operation in 2007 for all capital assets? Estimate 2007 from 2006 if necessary. 1520	<input type="checkbox"/>	\$ <input type="text"/> .00

SECTION 27 FARM LABOR

1. How many hired farm or ranch workers, including paid family members and office workers -		None	Number of Hired Workers
a. Worked less than 150 days on this operation in 2007? Exclude contract labor. 0941	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
b. Worked 150 days or more on this operation in 2007? Exclude contract labor. 0942	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
2. Were any migrant workers on this operation in 2007? Include hired and contract workers. A migrant worker is a farm worker whose employment required travel that prevented the migrant worker from returning to his/her permanent place of residence the same day. 1573	<input type="checkbox"/>	1 <input type="checkbox"/> Yes	3 <input type="checkbox"/> No

SECTION 28 FERTILIZERS AND CHEMICALS APPLIED

1. Were any fertilizers, manure, herbicides, insecticides, fungicides, nematicides, other pesticides, growth regulators, or other chemicals used on this operation during 2007? Include rock phosphate, lime, and gypsum as fertilizer. 1568	1 <input type="checkbox"/> Yes - Complete this section	3 <input type="checkbox"/> No - Go to SECTION 29	
2. Commercial fertilizer and soil conditioners applied to -	None	Number of Acres	
a. Cropland in 2007 - Exclude cropland used only for pasture. 0932	<input type="checkbox"/>	<input type="text"/>	
b. Pastureland and rangeland acres in 2007 - Include cropland used only for pasture or grazing. 0933	<input type="checkbox"/>	<input type="text"/>	
3. Acres of cropland and pastureland on which animal manure was applied. 1569	<input type="checkbox"/>	<input type="text"/>	
4. Acres treated with chemicals to control the items listed below. The same acres can be reported in more than one item below. However, report acres only once for each item regardless of the number of applications.		Number of Acres	
a. Insects. 0936	<input type="checkbox"/>	<input type="text"/>	
b. Weeds, grass, or brush - Include both pre-emergence and post emergence. 0939	<input type="checkbox"/>	<input type="text"/>	
c. Nematodes. 0937	<input type="checkbox"/>	<input type="text"/>	
d. Diseases in crops and orchards such as blight, smut, rust, etc. 0938	<input type="checkbox"/>	<input type="text"/>	
5. Acres of crops treated to control growth, thin fruit, ripen, or defoliate. 0940	<input type="checkbox"/>	<input type="text"/>	

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SECTION 29 MARKET VALUE OF LAND, BUILDINGS, MACHINERY, AND EQUIPMENT

1. Report your estimate of the **current market value** of land and buildings reported in SECTION 1, items 1, 2, and 3 on page 2 for -

	None	Estimated Market Value (Dollars)
a. All land and buildings owned. 0996	<input type="checkbox"/>	\$ <input type="text"/> .00
b. All land and buildings rented or leased from others. 0997	<input type="checkbox"/>	\$ <input type="text"/> .00
c. All land and buildings rented or leased to others. 0998	<input type="checkbox"/>	\$ <input type="text"/> .00

2. What is your estimate of the **current value of all machinery, equipment, and implements** used for farm-related activities on this operation, regardless of ownership, on **December 31, 2007**? Include cars, trucks, tractors, tools, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment, tanks, feeders, grinding and mixing equipment, computers, etc. that were kept on this operation and used for this farm or ranch business in 2007. 0943

Estimated Market Value (Dollars)
\$ <input type="text"/> .00

SECTION 30 MACHINERY AND EQUIPMENT

1. For the items listed below, report the number on this operation on **December 31, 2007**. Include machinery, equipment, and implements used for the farm or ranch business in 2006 or 2007, and usually kept on the operation.

	None	Number on this operation December 31, 2007	None	Of these, the number manufactured in the last 5 years (2003-2007)
a. Trucks, including pickups. 0944	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
b. Tractors less than 40 horsepower (PTO) - Exclude garden tractors. 0946	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
c. Tractors 40 - 99 horsepower (PTO). 0948	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
d. Tractors 100 horsepower (PTO) or more. 0962	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
e. Grain and bean combines, self-propelled. 0950	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
f. Cotton pickers and strippers, self-propelled. 0956	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
g. Forage harvesters, self-propelled. 0953	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
h. Hay balers. 0960	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>

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SECTION 31 AGRICULTURAL ACTIVITY WITHIN THE BORDERS OF AMERICAN INDIAN RESERVATIONS, PUEBLOS, AND SERVICE AREAS

1. Did this operation use any land for livestock or cropland within the borders of an American Indian Reservation, Pueblo, or Service Area at any time during 2007?
 1050 1 **Yes** - Complete this section 3 **No** - Go to SECTION 32 below

2. Mark the type(s) of land this operation used within the American Indian Reservation, Pueblo, or Service Area.
 1058 owned or deeded 1059 trust (tribal or allotted) 1060 other, specify →

3. Enter the name and state of the American Indian Reservation, Pueblo, or Service Area where the agricultural activity occurred.

Reservation, Pueblo, or Service Area Name	State
1051	1052
Number of Acres	
1053	
1054	

4. How many total acres did this operation use for livestock or cropland within this Reservation, Pueblo, or Service Area in 2007? Exclude land used on a per-head or animal unit month (AUM) basis. 1053
 - a. How many of these acres were harvested cropland? 1054

5. In 2007, did this operation have any livestock within the borders of an American Indian Reservation, Pueblo, or Service Area? Include livestock on land used on a per-head or animal unit month (AUM) basis.
 1056 1 **Yes** - Continue 3 **No** - Go to SECTION 32 below
 - a. On **December 31, 2007**, what percent of this operation's livestock was on this Reservation, Pueblo, or Service Area?
 1057 1 None 3 26 - 50 percent 5 76 - 99 percent
 2 1 - 25 percent 4 51 - 75 percent 6 100 percent (all livestock)

SECTION 32 PRACTICES

1. At any time during 2007, did this operation -
 - a. Have Internet access? 1603 1 Yes 3 No
 - b. Have high speed Internet access? 1604 1 Yes 3 No
 - c. Use more than 5,000 gallons of water in any one day for any purpose? . . . 1721 1 Yes 3 No
 - d. Receive irrigation water supplied by a U. S. Bureau of Reclamation project or facility? Include reclamation water delivered by a local district. 1722 1 Yes 3 No
 - e. Generate energy or electricity on the farm using wind or solar technology, methane digester, etc.? 1723 1 Yes 3 No
 - f. Use conservation methods such as no-till or limited tilling, filtering runoff to remove chemicals, fencing animals from streams, etc.? 1724 1 Yes 3 No
 - g. Practice rotational or management intensive grazing? 1725 1 Yes 3 No
 - h. Pay on a per-head or animal unit month (AUM) basis for livestock to graze on any land (private, Federal, State, Indian Reservation, etc.)? 1720 1 Yes 3 No
 - i. Produce and sell value added crops, livestock, or products such as beef jerky, fruit jams, jelly, preserves, floral arrangements, etc.? 1726 1 Yes 3 No
 - j. Market products through a community supported agriculture (CSA) arrangement? 1727 1 Yes 3 No
 - k. Raise or sell veal calves? 1728 1 Yes 3 No
 - l. Raise or sell hair sheep or wool-hair crosses? 1729 1 Yes 3 No
 - m. Have a barn that was built prior to 1960? 1730 1 Yes 3 No

07201213

SECTION 33 TYPE OF ORGANIZATION

1. Mark the **one** item which best describes this operation in 2007.

- 1671 1 Family or individual operation - Exclude partnerships and corporations.
- 2 Partnership operation - Include family partnerships. • Is this partnership registered under state law? 1567 1 Yes 3 No
- 3 Incorporated under state law - • Is this a family-held corporation? 1681 1 Yes 3 No
 • Are there more than 10 stockholders? 1683 1 Yes 3 No
- 4 Other, such as estate or trust, prison farm, grazing association, American Indian Reservation, etc. - specify type →

SECTION 34 OPERATOR CHARACTERISTICS

1. In 2007, how many operators (individuals) were involved in the day-to-day decisions for this operation? Enter the number of operators and the number of women operators. Exclude hired workers unless they were a hired manager or family member. 1575

Total Number of Operators	Women Operators
<input type="text"/>	<input type="text"/>

2. Answer the following questions for up to three primary operators of this operation as of **December 31, 2007**.

	Principal Operator or Senior Partner	Operator 2	Operator 3
a. Name →	<input type="text"/>	<input type="text"/>	<input type="text"/>
b. Sex of operator	0926 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female	1586 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female	1597 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female
c. At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 2007?	0928 Mark one answer only. 1 <input type="checkbox"/> Farm or ranch work 2 <input type="checkbox"/> Other	1580 Mark one answer only. 1 <input type="checkbox"/> Farm or ranch work 2 <input type="checkbox"/> Other	1591 Mark one answer only. 1 <input type="checkbox"/> Farm or ranch work 2 <input type="checkbox"/> Other
d. Is this operator retired?	0924 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1582 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1593 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No
e. How many days did the operator work off this operation in 2007? Include days in which the operator worked at least 4 hours per day in an off-farm job. Include work on someone else's farm for pay.	0929 Mark one answer only. 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1 - 49 days 3 <input type="checkbox"/> 50 - 99 days 4 <input type="checkbox"/> 100 - 199 days 5 <input type="checkbox"/> 200 days or more	1831 Mark one answer only. 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1 - 49 days 3 <input type="checkbox"/> 50 - 99 days 4 <input type="checkbox"/> 100 - 199 days 5 <input type="checkbox"/> 200 days or more	1931 Mark one answer only. 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1 - 49 days 3 <input type="checkbox"/> 50 - 99 days 4 <input type="checkbox"/> 100 - 199 days 5 <input type="checkbox"/> 200 days or more
f. Did the operator live on this operation at any time in 2007?	0923 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1581 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1592 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No

07201221 

	Principal Operator or Senior Partner	Operator 2	Operator 3
g. In what year did the operator begin to operate any part of this operation?	0930 <input type="text"/>	1584 <input type="text"/>	1595 <input type="text"/>
h. What was the operator's age on December 31, 2007?	0925 <input type="text"/> years	1585 <input type="text"/> years	1596 <input type="text"/> years
i. Is the operator of Spanish, Hispanic, or Latino origin or background, such as Mexican, Cuban, or Puerto Rican, regardless of race?	0927 Spanish, Hispanic, or Latino origin 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1587 Spanish, Hispanic, or Latino origin 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1598 Spanish, Hispanic, or Latino origin 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No
j. What is the operator's race?	<p>Mark one or more.</p> <p>1703 <input type="checkbox"/> American Indian or Alaska Native, specify tribe ↴ <input type="text"/></p> <p>1705 <input type="checkbox"/> Asian</p> <p>1702 <input type="checkbox"/> Black or African American</p> <p>1704 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander</p> <p>1701 <input type="checkbox"/> White</p>	<p>Mark one or more.</p> <p>1803 <input type="checkbox"/> American Indian or Alaska Native, specify tribe ↴ <input type="text"/></p> <p>1805 <input type="checkbox"/> Asian</p> <p>1802 <input type="checkbox"/> Black or African American</p> <p>1804 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander</p> <p>1801 <input type="checkbox"/> White</p>	<p>Mark one or more.</p> <p>1903 <input type="checkbox"/> American Indian or Alaska Native, specify tribe ↴ <input type="text"/></p> <p>1905 <input type="checkbox"/> Asian</p> <p>1902 <input type="checkbox"/> Black or African American</p> <p>1904 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander</p> <p>1901 <input type="checkbox"/> White</p>
k. How many people lived in the operator's household in 2007?	Number of persons living in Principal Operator's household 1577 <input type="text"/> number	Number living in household of Operator 2. Enter "0" if this operator has been counted in the previous column. 1589 <input type="text"/> number	Number living in household of Operator 3. Enter "0" if this operator has been counted in the previous columns. 1600 <input type="text"/> number
l. Is this operator a hired manager for this operation?	1576 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1588 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1599 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No
HOUSEHOLD INCOME			Number
3. In 2007, how many households shared in the net farm income of this operation?			1608 <input type="text"/>
4. What was the total household income of the principal operator in 2007? Include net income from farming, wage or salary income from all sources, social security, and investment income.			
<p>1678 1 <input type="checkbox"/> less than \$20,000 3 <input type="checkbox"/> \$30,000 to \$39,999 5 <input type="checkbox"/> \$50,000 or more</p> <p>2 <input type="checkbox"/> \$20,000 to \$29,999 4 <input type="checkbox"/> \$40,000 to \$49,999</p>			
5. In 2007, what percent of the principal operator's total household income came from this operation?			Percent (%) 1578 <input type="text"/>



SECTION 35 CONCLUSION

1. Is it possible the information on this form would be duplicated on a form with another name or address?

1080 1 **Yes** - Please provide the other name and address below 3 **No** - Go to Item 2

Name

1081

Address

1082

City

1083

State

1084

Zip

1085

2. Do you (the individual named on the label) make any day-to-day decisions for **another** farm or ranch? It is important that the Census of Agriculture accurately accounts for all of your farm or ranch operations.

1086 1 **Yes** - Continue 3 **No** - Go to Item 3

a. Did you receive a 2007 Census of Agriculture report form for this additional farm or ranch?

1087 1 **Yes** - Go to item 3 3 **No** - Enter the information of the additional farm or ranch below

Additional Farm or Ranch

1088

Area Code and Phone Number

1089 - -

b. Did you include all data from this additional farm or ranch on THIS REPORT? Do not make changes to the data in this report, regardless of your answer.

1091 1 **Yes** 3 **No**

3. Please print the information below for the person completing this form.

Name

1092

Area Code and Phone Number

1093 - -

Date (MM-DD-YYYY)

1094 - -

THANK YOU FOR YOUR COOPERATION.
Questions? Call us toll free at 1-888-424-7828.

A wide variety of agricultural statistics is available from the National Agricultural Statistics Service (NASS). Check out the NASS reports, data products, and services on the Internet at www.nass.usda.gov

According to Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB number. The time required to complete this information collection is estimated to average 50 minutes per response.

07201247



INSTRUCTION SHEET UNITED STATES 2007 CENSUS OF AGRICULTURE

Who Should Report – A reply is needed from everyone who received a report form, including both persons who operated a farm, ranch or other agricultural operation in 2007 as well as those who were not involved in agriculture. Your report is due by February 4, 2008. More census information is on the Internet at www.nass.usda.gov/Census_of_Agriculture/

If you farmed in 2007, complete the enclosed report form and return it in the preaddressed envelope.

If you were a landlord only and rented out all of your land, complete sections 1 and 35 of the enclosed report form and return it in the preaddressed envelope. Even if you were a landlord but still operated any land yourself, you should complete the entire report form for that land which you operated.

If you had no land and no agricultural operations, return the report form with a note indicating your status on the front of the form below the address label.

Specialty Commodities - Horses, bees, elk, emus, fish, nursery, etc., are an important part of the agriculture industry. Report for all items, regardless of the amount of production or sales you had in 2007.

Land in Federal conservation programs in 2007 - If you had land in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP) and you made the decisions on the acres, include the conservation land on this report form in sections 1, 2, and 4.

If you owned farm or ranch land in 2007 that was idle and NOT rented out, you should complete and return the report form.

Partial Year Operations - If you stopped farming during 2007, complete the report form for the portion of the year that you did farm. Write "Stopped farming during 2007" and the date you stopped farming below the address area. Mail the completed report form in the return envelope.

Involved In More Than One Operation - If you made decisions for more than one operation, you should have received a report form for each operation. Provide information for each operation on a separate form. To obtain additional report forms, please call the toll-free help line at 1-888-424-7828.

Received More Than One Report Form For the Same Operation - If you received more than one report form for the same operation, complete only ONE form per operation. Write "Duplicate" below the address area of each extra form. Return all forms in the same return envelope with your completed form so that we can correct our records.

Have a Partnership Operation - Complete only ONE form for the entire partnership's agricultural operation and include ALL partners' shares on the one form. If you made decisions for more than one partnership operation, complete a report form for each separate operation. We have listed all the known partners below the address area to assist in defining the operation. Make any necessary corrections to these names. If you have questions, please call the toll-free help line, 1-888-424-7828.

Entering Your Responses - Use BLUE or BLACK INK only. Enter your replies in the unit requested, i.e., dollars, bushels, tons, etc. When reporting dollars, report in whole dollars only. Convert fractions to decimals. Please print clearly and keep numbers and letters within the white boxes. Mark all applicable Yes/No and None boxes with an "X".

INSTRUCTIONS FOR SPECIFIC SECTIONS

SECTION 1 – ACREAGE IN 2007

Your answers in this section will determine the land (**Acres in "THIS OPERATION"**) referred to throughout the report form. Include land associated with your agricultural operation in 2007, whether in production or not. Include all land that you owned or rented during 2007, even if only for part of the year. Exclude residential or commercial land. Report in whole acres.

Item 1 - Report all land owned in 2007 whether held under deed, purchase contract or mortgage, homestead law, or as heir/heirless or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization named on the front of the report form.

Item 2 - Report all land rented or leased by you or your operation. Exclude land used under Government grazing permits or on a per-head or animal unit (AUM) basis. Bureau of Land Management (BLM) section 15 land leased by your operation with a specified acreage tract should be included here even though your fees to BLM are paid on an AUM basis.

Item 3 - Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. Your tenant(s) will receive a form to report production for the land they rent. Do not report land placed in conservation programs as acres rented to others.

Item 4 - This is all land you operated at any time in 2007. Land use should be reported for these acres.

Total acres equals zero (0) - After completing section 1, if the acres in item 4 equal zero and you did not raise or own any livestock, aquaculture, or poultry in 2007, skip to and complete section 35. Write "All land rented out" in the space below section 1 if all your land was operated by a renter or sharecropper. Mail the report form in the return envelope.

SECTION 2 - LAND

The sum (item 5) of the acres entered in items 1 - 4 should equal the total acres in section 1, item 4, which is "this operation" for this census report. Do not report any crops grown on land rented or leased to others or worked by others on shares during 2007.

Land used for more than one purpose - Do not report the same acreage in more than one of the listed categories. If part or all of your land was used for more than one listed purpose in 2007, report that land only in the first purpose listed. For example, if you planted and harvested a grain crop and grazed the crop residue in the fall, report the land in item 1a, cropland harvested. Do not report it again in item 2c, cropland used only for pasture or grazing.

CRP/WRP and other conservation programs - Report acres in items 1 through 3 that best describes these acres. For example, CRP land may be reported in cropland harvested, idle cropland, or woodland not pastured depending on its use.

Item 1a -

Double cropping or interplanted crops - If more than one crop was harvested from the same land in 2007, report that land only once as cropland harvested.

Christmas trees to be cut and short rotation woody crops - Report the acres for these types of crops that were cut in 2007 and will be cut in later years as cropland harvested.

Skip row planted crops - Report the acres that represent planted rows as cropland harvested, item 1a. Report the acres that represent the total non-planted or skipped rows as cropland idle in item 1d.

Item 1c - Include cropland left unseeded for the 2007 harvest and summer fallowed, cultivated by tillage, or treated with herbicides to control weeds and conserve moisture. Include cropland summer fallowed in 2007 even though it may have been planted to wheat, etc., for the 2008 harvest.

SECTION 3 - IRRIGATION

Include acres irrigated by all methods and from all water sources including those irrigated from lagoons through a sprinkler or flood system.

SECTION 4 - CONSERVATION RESERVE PROGRAM AND CROP INSURANCE

Item 2 - Report all acres covered by any crop insurance policy in 2007. Include land in pasture insurance programs and acres covered by guaranteed revenue policies.

SECTION 5 - FIELD CROPS

Acres harvested - Enter the acres harvested in 2007. Round fractions to whole acres except for tobacco where tenths should be reported.

Total quantity harvested - If your unit of measure is different than the unit requested on the report form, convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 2007, estimate the total quantity to be harvested.

Acres irrigated - Report the irrigated harvested acres only once, even if the crop was irrigated multiple times during the growing season.

Double cropping - If two or more crops were harvested from the same land (double cropping), report the total acres and production of each harvested crop.

Interplanted crops - If two crops were grown at the same time in alternating strips in the same field, report the acreage of the field used for each crop.

Skip row planting - If a crop was planted in an alternating pattern of planted and non-planted rows, such as two rows planted and two rows skipped, report the acreage occupied by the crop and report the skipped portion as cropland idle in section 2, item 1d.

Sweet corn harvested for seed is reported as crop code 0740 and the value of sales is reported in section 21, item 4.

SECTION 6 - GRAIN STORAGE CAPACITY

Report total capacity of all structures normally used, even if they were not used in 2007. Do not report any capacity or usage of off-farm public storage or capacity of structures leased to others.

SECTION 7 - HAY AND FORAGE CROPS

Include hay and forage from alfalfa, wild or native grasses, small grains, soybeans, and peanuts. Report production in tons. Any pasture or conservation land that had hay cut from it should be reported as cropland harvested in section 2, item 1a.

SECTION 8 - WOODLAND CROPS AND MAPLE SYRUP

Cut Christmas trees - Acres in production of cut Christmas trees include both those to be harvested in future years as well as those harvested in 2007. Trees cut should include only those trees cut in 2007.

Short rotation woody crops - A short rotation woody crop is a tree that is harvested in 10 years or less. These are trees for use by the paper or pulp industry or as engineered wood. Exclude trees cut for timber. Acres harvested in 2007 should be reported as having been both in production and harvested. Acres not harvested in 2007 should be reported in production only.

Maple syrup - Producers should report number of taps and gallons of syrup. If sap was sold, estimate the number of gallons of syrup it would have produced. Report the acres of tapped maple trees in section 2, item 3, woodland not pastured.

SECTION 9 - NURSERY, GREENHOUSE, FLORICULTURE, SOD, MUSHROOMS, VEGETABLE SEEDS, AND PROPAGATIVE MATERIALS

Report Christmas trees grown on this operation and sold live as nursery stock, code 0488. Value of sales should be reported only for those items grown on the operation, not items bought for immediate resale. Report all acres of Christmas trees in production for cut Christmas trees and the number cut in 2007 in section 8.

SECTION 10 - VEGETABLES, POTATOES, AND MELONS

For crops planted more than once during the year, report the total acres harvested during 2007. For example, if 1 acre was planted to lettuce, harvested, and an additional acre was planted and harvested, report 2 acres of lettuce under total acres harvested.

SECTION 11 - FRUIT AND NUTS

Report fruit and nut trees only if there was a combined total of 20 or more trees and vines whose production was either for home use or for sale. Exclude abandoned acres of orchards or vineyards which should be reported in section 2, item 1d. Bearing age acres are the acres of trees or vines that produced any fruit or nut crop in 2007 or previous years. If fruit and nut trees and vines were interplanted with other crops, report only the total acres for the orchard in section 11, and the total acres of each interplanted crop in their appropriate section(s).

SECTION 12 - BERRIES

Do not include abandoned acres or acres harvested for home use.

SECTIONS 13, 15, AND 16 - CATTLE AND CALVES, POULTRY, AND HOGS AND PIGS

Include all animals on this operation on December 31, 2007 owned by you, raised by you under contract, or kept by you for others. Include animals on unfenced lands, National Forest land, Indian Reservation Land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head, animal unit month (AUM), or lease basis. Animals in transit on December 31, 2007, should be reported by the person who had control of the animals on that day. Report beefalo as cattle in section 13. Report buffalo as bison in section 19.

Contract and custom feeding operations - Report numbers of animals or poultry on this operation on December 31, 2007. Report as sold, animals and poultry kept on a contract or custom basis and moved or sold from this operation in 2007. Report in section 20 on the appropriate line the quantity delivered of custom fed livestock or production contract livestock and poultry and report the dollar amount received from the contractor in section 20, item 3.

Cattle, hogs, and poultry to exclude from the report form - Exclude animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Exclude animals quartered in feedlots that were not located on this operation. Do not report the sales of animals bought and then resold within 30 days. Such purchases and sales are considered dealer transactions.

Number sold - Report all animals and poultry sold or moved from this operation in 2007, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do not report number sold of any hogs and pigs, cattle and calves, or poultry owned by you that were kept and sold from a location that you did not operate.

Animals moved from this operation - For animals moved from this operation to another, such as for further feeding, report them as "sold". Cattle moved are not considered sold if they were moved to another operation for a short term, such as winter wheat or corn stubble grazing, or during the winter to public grazing land.

Cattle in feedlots

Do NOT include in cattle in feedlots:

- Cattle and calves sold or moved off the operation for further feeding
- Veal calves or any calves weighing less than 500 pounds
- Cull or dairy cows fed only the usual dairy ration before being sold

SECTION 14 - SHEEP AND LAMBS OWNED

Item 2 - Report sheep, lambs, and ewes owned by you regardless of their location. Include ewes owned in both item 2 and item 2a. Report pounds of wool shorn in 2007 only.

Contract and Custom Feeding Operations - Do not report inventory of sheep and lambs that were not owned by you. They are to be reported on the owner's report form.

SECTION 17 - AQUACULTURE

Include all sizes for each type. On a separate line, specify the sale of fish eggs, fry, or fingerlings for each type. Convert units such as bushels, bags, or gallons to number or pounds.

SECTION 18 – COLONIES OF BEES

Report the number of bee colonies for honey or pollination owned regardless of location. Report the total colonies of honey bees or pollination bees sold during 2007. Report the pounds of honey collected in 2007 whether sold or not sold. Report the value of sales of honey, bee colonies, beeswax, pollen, package bees, and leaf cutter bees in section 21, item 16. Report the quantity of package bees produced in section 19, item 16.

SECTION 19 – OTHER ANIMALS AND LIVESTOCK PRODUCTS

Item 2 - Report in item 2 the total number of horses on this operation regardless of ownership on December 31, 2007. In item 2a, report only those horses in item 2 that were owned and sold by this operation. Exclude horses owned by this operation but stabled elsewhere.

Items 4, 5, and 6 - Report goats based on utilization regardless of breed.

Items 12 and 13 - If mink pelts and rabbit pelts were sold in 2007, include in number sold. Retained pelts should be included in inventory. The value of pelt sales should be reported in section 21, item 16.

Item 16 - Include bees wax, bee pollen, package bees and feathers.

SECTION 20 – PRODUCTION CONTRACTS AND CUSTOM FEEDING

A production contract is an agreement between a grower and contractor (integrator) that specifies that the grower will raise an agricultural commodity and that the contractor will provide certain inputs such as feed, fertilizer, etc. The grower receives a payment or fee from the contractor, generally after delivery, which is usually less than the full market price of the commodity. The contractor takes possession of the raised commodity at the end of the growing period.

Report amount of the specified commodity that you raised and delivered under a production contract in the unit requested in item 2. If you had contracts with more than one integrator or contractor for a single commodity, combine the production of all contracts and report the total units produced for that commodity in the proper category. If you had multiple contracts to produce different commodities, report the appropriate amount of each commodity produced under each contract in the proper categories. Report the total amount the contractor paid you for producing the commodity(s) in item 3. Exclude marketing contracts, futures contracts, forward contracts, or other contracts based strictly on price.

SECTION 21 – VALUE OF SALES

Report the value of all crops and livestock sold from this operation in 2007 on the appropriate line(s) of section 21. Report the sales in 2007 regardless of the year crops were harvested or raised. Include the value of your landlord's share of the commodities harvested. Also, report as sold commodities, such as cattle, that you owned and moved to someone else's operation for further feeding. Report gross value before expenses and taxes. Include payments received in 2007 from cooperatives or marketing organizations for crops produced on this operation regardless of the year in which the crops were harvested. Also, include as sales your estimate of the value of any crop or livestock removed from this operation in trade of services, such as baled hay for labor or other services. Report the total value you received for animals and poultry sold from this operation in 2007, without deducting production or marketing expenses (cost of feed, cost of livestock purchased, cost of hauling and selling, etc.).

Do NOT include:

- Proceeds from CCC loans or other government payments.
- The value of sales of any livestock and poultry owned by you that were kept and sold from a location you did not operate.
- Commodities grown under a production contract.

Item 6 - Exclude crops bought for resale without additional growing, such as plugs and started plants or garden center items, such as pot liners, chemicals, and fertilizers.

Item 17a - If you rented land under a share arrangement, report your landlord's share of the crop and livestock sales included in item 17.

Item 18 - Include only those commodities sold directly for human consumption, such as vegetables, fruit, eggs, milk, cattle, chickens, hogs, turkeys, etc. Report only commodities grown or raised on this operation. Exclude crops, livestock, poultry, or other products that you bought and resold within 30 days. Exclude craft items such as bird houses, woodwork, etc.

SECTION 22 – ORGANIC AGRICULTURE

A farm produces organic products if it operates according to the practices outlined in the National Organic Standards. Farms exempt from certification because they sell less than \$5,000 in organic products a year should also report in this section. Acres used for organic production include pastureland and acres where crops were harvested, as well as any acres not used in the census year because crops failed, land was in a cover rotation, or crops were not yet of bearing age. Total sales of organic products include all sales of the products, regardless of whether an organic premium was obtained.

Item 7 - Acres being converted to organic production apply to all acres in the farm operation that are in the three year transition period before land can be certified as organic. Acres reported in item 7 should not be reported in item 3.

SECTION 23 – COMMODITY CREDIT CORPORATION (CCC)**LOANS**

Report amount received for commodities placed under CCC loan during 2007. Include amount received even if commodity was redeemed or forfeited prior to December 31, 2007. Exclude CCC loans to build crop storage facilities.

SECTION 24 – FEDERAL AND STATE AGRICULTURAL PROGRAM PAYMENTS

For conservation program cost shares, include the government's share of the amount paid. Exclude any payments from loans or programs which must be repaid.

SECTION 25 – INCOME FROM FARM-RELATED SOURCES

Report only those income producing activities for which you used part of the land, machinery, equipment, labor, or capital normally used on this operation and which you do not consider as entirely separate from your farming activities. Include insurance payments for crop or livestock losses in item 6. Report gross amounts received before taxes and expenses.

Item 2 - Exclude rental income from nonfarm property.

Item 3 - Include only those forest products cut from this operation, not items cut from other nonfarm timber acreage. Exclude income from a sawmill business. Report sales of Christmas trees or maple syrup or sap products in section 21.

SECTION 26 – PRODUCTION EXPENSES

Include farm production expenses paid by you or your landlord(s) for crops, livestock, or poultry produced on this operation in 2007 in items 1 through 15. Include expenses associated with the generation of farm-related income reported in Section 25. Include expenses incurred in 2007 even if they were not paid in 2007. Estimate if exact figures are not known.

Contract growers or custom feeders - Do not report as production expenses, the value of inputs provided by the contractor or livestock owner. Identify the items that were contractor provided in section 20, item 4.

Item 2 - Include surfactants and oils and other products used to increase a chemicals effectiveness.

Item 6 - Report the purchase cost of all grains, silage, hay, commercially mixed and premixed feeds, ingredients, concentrates, etc., fed to livestock or poultry on this operation. Contract livestock and poultry growers should not report the value of feed that was provided by a contractor. Do not report the value of feed raised and fed on this operation as an expense.

Item 9 - Include the cost of repairs and upkeep of farm machinery, vehicles, buildings, fences, and other equipment used in the farm business. Include expenses for repairs to machinery and equipment used only for customwork if income from those machines is reported in section 25. Exclude repairs to vehicles not used in the farm business. Exclude expenditures for the construction of new buildings or the cost of additions to existing buildings.

Item 10a - Include labor expense for the farm business for gross salaries and wages, commissions, dismissal pay, vacation pay, and bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Include cost for benefits such as employer's social security contributions, unemployment compensation, workman's compensation insurance, employer paid life and medical insurance expense, pension plans, etc.

Item 10b - Include the labor costs of workers furnished on a contract basis by labor contractor, crew leader, or cooperative for harvesting vegetables or fruit, shearing sheep, or similar farm activities. Exclude costs for building or repair work done by a construction contractor. Report the cost of customwork or machine hire in item 11.

Item 12a - Exclude rent paid for operator dwelling or other nonfarm property. Exclude the value of shares of crops or livestock paid to landlords.

Item 13 - Report all interest expenses paid in 2007 for the farm business. Include interest paid on CCC loans in item 13b. Exclude interest associated with activities not related to production of crops or livestock on this operation, such as land or buildings rented to others, packing sheds, or feed mills that provided services to others. Exclude interest on owner/operator dwelling where the amount is separated from the interest on the land and buildings on this operation.

Item 14 - Include real estate property taxes you paid on the acres and buildings you owned and used in the farm business and property taxes on equipment or livestock. Exclude property taxes on land or buildings rented to someone else, property taxes paid on other property not associated with the farm business, income, social security, and excise taxes.

SECTION 27 – FARM LABOR

Report the number of paid farm or ranch workers who performed agricultural labor on this operation in 2007. Include paid family members. Include workers such as hired bookkeepers, office workers, maintenance workers, etc., if their work was primarily associated with agricultural production on this operation. Include in item 1a any short term or temporary workers who may have worked only a few days. Exclude contract labor in items 1a and 1b.

SECTION 28 – FERTILIZERS AND CHEMICALS APPLIED

Fertilizer - Report acres on this operation on which commercial fertilizer was applied during 2007 only once, even if multiple applications were made. Report fertilizer and manure expenditures in section 26, item 1.

Chemicals - Include acres on which custom application of chemicals was made. If multiple applications of chemicals for the same purpose (for example, herbicides) were made on the same acres, report acreage only once. If chemicals were applied for different purposes, report the acres for each purpose that the chemicals were used. Report agricultural chemical expenditures in section 26, item 2. Estimate the acreage for spot treatments.

SECTION 29 – MARKET VALUE OF LAND, BUILDINGS, MACHINERY, AND EQUIPMENT

Item 1 - Estimate the value of the land, houses, barns, and other buildings for each of the three listed categories if they were sold in the current market. The real estate tax assessment value should not be used unless that value represents a full market value assessment and the land, house, and buildings could reasonably be assumed to be sold at that price. Do not deduct real estate marketing charges from your estimate. Report the total value, not the value on a per-acre basis.

Item 2 - The estimated market value refers to all machinery and equipment kept primarily on this operation and used for the farm business. Report the value in its present condition, not the replacement or depreciated value. Include mobile implements, hand tools, and office supplies. Permanently installed equipment or equipment which is an integral part of a building should be included as a part of the value of land and buildings and reported in section 29, item 1.

SECTION 30 – MACHINERY AND EQUIPMENT

Report the total on this operation or normally on this operation and normally used on this operation in the first column. Do not report obsolete or abandoned equipment. In the second column, report only the number manufactured in the last five years.

SECTION 31 – AGRICULTURAL ACTIVITY WITHIN THE BORDERS OF AMERICAN INDIAN RESERVATIONS, PUEBLOS, AND SERVICE AREAS

Complete this section if any of your cropland or livestock was on an American Indian Reservation, Pueblos, or service area in 2007. Include trust acres used, as well as deeded land or land leased from others that was on the Reservation.

SECTION 32 – PRACTICES

Item 1c - Include water for any purpose – irrigation, cleaning, water for livestock, etc.

Item 1g - Rotational grazing is the practice of subdividing pasture into smaller sections and grazing different sections at different times.

Item 1m - Include any barn (used or not) on your operation that was built prior to 1960.

SECTION 33 – TYPE OF ORGANIZATION

Use the following definitions to determine the type of organization for this operation:

Family or individual operation - Farm or business organization controlled and operated by a family or an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement. Report family corporations under "Incorporated under state law."

Partnership operation - Two or more persons who conduct an operation together and share work and profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife does not constitute a partnership unless a specific agreement to share contributions, decision making, profits, and liabilities exists. Production under contract or under a share rental agreement does not constitute a partnership.

Incorporated under state law - A corporation is a legal entity or artificial person created under the laws of a State to carry on a business, including family corporations. Exclude cooperatives, even if they are incorporated.

Other - Estate or trust, prison farm, grazing association, American Indian Reservation, university farm, institution run by a government or religious entity, cooperatives (an incorporated or unincorporated enterprise or an association created and formed jointly by the members), etc.

SECTION 34 – OPERATOR CHARACTERISTICS

This section collects information about the operator(s) of this operation. A farm may be a family operation and still have multiple operators. Complete one column for each operator, listing the principal operator or senior partner in the first column. The principal operator is the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Item 1 - Enter the number of people who made day-to-day decisions for this operation. Do not report as operators minor-aged children who only worked on the farm.

Item 2 - Answer each question for up to three operators. If there were more than three, answer for three operators only.

Item 2c - The principal occupation of the operator(s) is the occupation at which an operator spent the majority of his/her worktime. If the operator spent the majority working for another agricultural operation for wages, it is considered hours devoted to other.

Item 2g - Report the first year the specified operator began to operate any part of this operation on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.

Item 3 - The number of households that share in the net farm income are those households involved with the day-to-day decisions and not those households that received funds because they are landlords, custom equipment operators, or provide other supplies that are listed in section 26, Production Expenses. Your answer should not exceed the number of operators listed in item 1.

SECTION 35 – CONCLUSION

Item 1 - If your operation might be identified under a different name than printed on the front of the form (for example, a farm name or another partner), please provide these names.

Item 2a - All farms and ranches should receive their own forms to complete. If you operated another farm or ranch, indicate whether you received a form for that operation.

Index

Items located in the publications are organized in broad categories. Chapter 1 tables are denoted by I. Chapter 2 tables are denoted by II. Appendix A tables are denoted by letters A–D.

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
A							
Acres (see Land in farms)							
Age of -							
All operators	I-58	-	-	I-59,60	I-49, 51, 53, 57, 61,63,65	-	I-62,64; A, B
Principal operator	I-58	-	-	I-59,60	I-1, 49,51,53, 54, 56,57,61, 63, 65; II-1,46	I-48	I-62,64; A,B
Second operator	-	-	-	-	I-49, 51,57	-	-
Third operator	-	-	-	-	I-49, 51,57	-	-
Agri-tourism and recreational services	I-58	-	-	I-7; II-6	-	-	-
Agricultural chemicals purchased	I-58	-	-	I-1,4,59,60; II-3	I-61,63,65	I-11,45	I-62,64
Agricultural products sold, market value	I-58	-	-	I-1-3,40,59, 60; II-1	I-52,54,55, 61, 63, 65	I-11,48	I-47,62,64
Alfalfa hay	I-58	I-32,33; II-27	-	I-59,60	I-61,63,65	-	I-62,64
Alfalfa haylage	-	I-33; II-27	-	-	-	-	-
Alfalfa seed	-	I-33; II-27	-	-	-	-	-
American Indian or Alaska Native operators	I-58	-	-	I-59,60	I-51,53-57, 61,63,65; II-51	-	I-47,62,64; A, B, D
Almonds	I-58	I-35; II-32	-	I-59,60	I-61,63,65	-	I-62,64
Alpacas	-	-	I-31; II-24	-	-	-	-
Angora goats	-	-	I-31; II-19	-	-	-	-
Apples	I-58	I-35; II-32	-	I-59,60	I-61,63,65	-	I-62,64
Apricots	-	I-35; II-32	-	-	-	-	-
Aquaculture	I-58	-	I-31; II-23	I-2,40,59,60; II-2	I- 61,63,65	-	I-46,62,64
Aquatic plants	-	I-37; II-35	-	-	-	-	-
Artichokes	-	I-34; II-30	-	-	-	-	-
Asian operators	I-58	-	-	I-59,60	I-51,54-57, 61, 63, 65; II-52	-	I-47,62,64; A, B
Asparagus	-	I-34; II-30	-	-	-	-	-
Austrian winter peas	-	I-33; II-26	-	-	-	-	-
Average size of farm	I-1,58; II-1,8	-	-	I-40,59,60	I-61,63,65	-	I-63, 64
Avocados	-	I-35; II-32	-	-	-	-	-
B							
Bahia grass seed	-	II-27	-	-	-	-	-
Baitfish	-	-	II-23	-	-	-	-
Bananas	-	I-35; II-32	-	-	-	-	-
Barley for grain	I-58	I-1, 32,33; II- 1,25,26	-	I-2,59,60; II-2	I-61,63,65	-	I-62,64
Barn built prior to 1960	-	-	-	-	-	II -44	-

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
Beans -							
Green limas	-	I-34; II-30	-	-	-	-	-
Dry edible	I-58	I-1,32,33; II-1,25,26	-	I-2,59,60	I-61,63,65	-	I-62,64; II-1
Dry limas	-	II-26	-	-	-	-	-
Snap	I-58	I-34; II-30	-	I-59,60	I-61,63,65	-	I-62,64
Bedding/Garden plants	-	I-37; II-35	-	-	-	-	-
Beef cows	I-58	-	I-1,12,16; II-1,11,16	I-59,60	I-61, 63, 65	I-11	I-47, 62, 64; II-45
Bees, colonies	-	-	I-31; II-21	-	-	-	I-46
Beets	-	I-34; II-30	-	-	-	-	-
Bell peppers	-	I-34; II-30	-	-	-	-	-
Bentgrass seed	-	II-27	-	-	-	-	-
Bermuda grass seed	-	II-27	-	-	-	-	-
Berries, land in	I-58	I-32,33,36; II-33,34	-	I-40,59,60; II-2	I-61,63,65	-	I-62,64
Birdsfoot trefoil seed	-	II-27	-	-	-	-	-
Bison	-	-	I-31; II-24	-	-	-	-
Black or African American operators	I-58	-	-	I-59,60	I-51, 53, 54, 55,56,57,61,63, 65; II-53	-	I-47,62,64; A, B
Blackberries	-	I-36; II-34	-	-	-	-	-
Blueberries	-	I-36; II-34	-	-	-	-	-
Boysenberries	-	I-36; II-34	-	-	-	-	-
Breeding livestock purchased, expense	-	-	-	I-4,59; II-3	-	-	-
Broccoli	-	I-34; II-30	-	-	-	-	-
Broilers and other meat-type chickens	I-58	-	I-27 II-13	I-59,60	I-61,63,65	I-41; II-40	I-1,62,64; II-1
Bromegrass seed	-	II-27	-	-	-	-	-
Brussels sprouts	-	I-34; II-30	-	-	-	-	-
Buckwheat	-	II-26	-	-	-	-	-
Bulbs, corms, tubers, and rhizomes	-	I-37; II-35	-	-	-	-	-
Bureau of Reclamation, irrigation water	-	-	-	-	-	II -44	-
Burros (see Mules, burros, and donkeys)							
C							
Cabbage -							
Chinese	-	I-34; II-30	-	-	-	-	-
Head	-	I-34; II-30	-	-	-	-	-
Mustard	-	I-34; II-30	-	-	-	-	-
Canola	-	I-33; II-26	-	-	-	-	-
Cantaloupes	-	I-34; II-30	-	-	-	-	-
Carrots	-	I-34; II-30	-	-	-	-	-
Cash rent expense	I-58	-	-	I-4,59,60; II-3	I-61,63,65	I-11	I-62,64
Cash rent or share payments received	I-58	-	-	I-7,59,60; II-6	I-61,63,65	-	I-62,64
Catfish	-	-	II-23	-	-	-	-
Cattle and calves	I-58	-	I-1,11-18; II-1,11	I-2,13,15-18,40- 41,59,60; II-2	I-58, 61, 63-65	I-11,41; II-44	I-62,64
Cattle and calves, herd size	-	-	I-12-18; II-11	I-13-18,59,60	-	-	-
Cattle feedlots	I-58	-	I-12-13, 16, 18; II-11,45	I-59, 60, 62	I-55, 61,63,65	-	I-62
Cauliflower	-	I-34; II-30	-	-	-	-	-

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
Celery	-	I-34; II-30	-	-	-	-	-
Certified organic products, sales value	I-58	-	-	I-59,60	I-61,63,65	I-48	I-62,64
Chemicals	-	-	-	I-40,59, 60; II-3	I-61,63,65	I-45	I-62,64
Cherries -							
Sweet	-	I-35; II-32	-	-	-	-	-
Tart	-	I-35; II-32	-	-	-	-	-
Chestnuts	-	I-35; II-32	-	-	-	-	-
Chicory	-	I-34; II-30	-	-	-	-	-
Chili peppers	-	I-34; II-30	-	-	-	-	-
Citrus fruit	I-58	I-35; II-32	-	I-59,60	I-61,63,65	-	I-46,62,64
Coffee	-	I-35; II-32	-	-	-	-	-
Collards	-	I-34; II-30	-	-	-	-	-
Colonies of bees	-	-	I-31; II-21	-	-	-	-
Combined market value of agricultural products sold and government payments	I-58	-	-	I-3,59,60	I-50, 52, 54, 55, 61,63,65	-	I-62,64
Combines, grain and bean	I-58	-	-	I-44,59,60; II-41	I-61,63,65	-	I-62, 64
Commercial fertilizer	I-58	-	-	I-4,59,60; II-3	I-61,63,65	I-11,45; II-42	I-62, 64
Commodity certificates	-	-	-	I-6	-	-	-
Commodity Credit Corporation loans	I-58	-	-	I-6,59,60; II-5	I-50,52,54, 55,61, 63, 65	I-11	I-62
Community supported agriculture	-	-	-	-	-	II -44	-
Computer use	I-58	-	-	I-59,60	I-50,52,54, 55, 61,63,65; II-46	-	I-62
Conservation practices	I-8,58	-	-	I-59,60	I-61,63,65	II -44	I-62,64
Conservation Reserve Programs	I-8,58; II-8	-	-	I-6,59,60; II-5	I-50,52,54,55, 61, 63, 65	I-11	I-62,64
Contract labor expense	I-58	-	-	I-4,59,60; II-3,7	I-61,63,65	I-11	I-62,64
Corn	I-58	I-1,32,33; II-1,25-27, 30	-	I-2,59,60; II-2	I-61,63,65	-	I-46,62,64; II-1
Corporations	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63, 65; II-46	-	I-62,64; A,B
Cotton -							
Pima	-	I-1,32,33; II-1,26	-	-	-	-	-
Upland	-	I-1,32,33; II-1,26	-	-	-	-	-
Cotton and cottonseed	I-58	I-1,32,33; II-1,25-26	-	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64
Cotton pickers and strippers, self-propelled	I-58	-	-	I-44,59,60; II-41	I-61,63,65	-	I-46,62,64
Counter-cyclical payments	-	-	-	I-6	-	-	-
Coverage adjustment	-	-	-	-	-	-	A , C
Cow herd size	I-58	-	I-12,14-17; II-11	I-59,60	I-58,61,63-65	-	I-62,64
Cowpeas, dry	-	II-26	-	-	-	-	-
Cowpeas, green	-	I-34; II-30	-	-	-	-	-
Cows and heifers that calved	I-58	-	I-12,14-17	I-59,60	I-58,61,63-65	-	I-62,64
Crambe	-	II-28	-	-	-	-	-
Cranberries	-	I-36; II-34	-	-	-	-	-
Crimson clover seed	-	II-27	-	-	-	-	-

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
Crop insurance, conservation, and organic practices	I-58; II-8	-	-	I-59,60	I-61,63,65	-	I-62,64
Crop insurance, land covered	I-8,58	-	-	I-59,60	I-61,63,65	-	I-62,64
Cropland-							
For pasture or grazing only	I-8,58; II-8	-	-	I-59,60	I-61,63,65	-	I-62,64
Harvested	I-8,9,58; II-8	I-1,39; II-1,25,39	-	I-40,59,60	I-61,63,65; II-47	I-10,11	I-46,62,64
Idle or used for soil improvement	I-8,58; II-8	-	-	I-59,60	I-61,63,65	-	I-62,64
On which crops failed	I-8,58; II-8	-	-	I-59,60	I-61,63,65	-	I-62,64
Summer fallow	I-8,58; II-8	-	-	I-59,60	I-61,63,65	-	I-62,64
Crops, including nursery and greenhouse, value	-	I-2; II-2	-	I-1; II-1	I-55	I-11	I-47
Crustaceans	-	-	II-23	-	-	-	-
Cucumbers	-	I-34; II-30	-	-	-	-	-
Currants	-	I-36; II-34	-	-	-	-	-
Customwork and custom hauling, expense	I-58	-	-	I-4,59,60; II-3	I-61,63,65	I-11	I-62,64
Customwork and other agricultural services, income	I-58	-	-	I-7,59,60; II-6	I-61,63,65	-	I-62,64
Cut Christmas trees	-	I-38; II-36	-	-	-	-	-
Cut Christmas trees and short-rotation woody crops, sales value	I-58	-	-	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64
Cut flowers	-	I-37; II-35	-	-	-	-	-
Cuttings, seedlings, liners, and plugs	-	I-37; II-35	-	-	-	-	-
D							
Daikon	-	I-33,34; II-30	-	-	-	-	-
Dairy cows	-	-	I-11-12,17; II-11	-	-	I-11	-
Dairy products, sales value	I-58	-	I-17	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64
Dates	-	I-35; II-32	-	-	-	-	-
Days worked off farm	I-58	-	-	I-59,60	I-48, 49, 51, 53, 56,57,61, 63,65; II-46	-	I-62,64
Deer	-	-	I-31; II-24	-	-	-	-
Defoliation chemicals applied	I-58	-	-	I-59,60	I-61,63,65	I-45; II-42	I-62,64
Depreciation expense	I-58	-	-	I-4,59,60; II-3	I-61,63,65	-	I-62,64
Dill for oil	-	II-28	-	-	-	-	-
Direct payments	-	-	-	I-6; II-5	-	-	-
Direct sales to individuals	I-58	-	-	I-2,59,60; II-2	I-61,63,65	-	I-62,64
Diseases, chemical control	I-58	-	-	I-59,60	I-61,63,65	I-45; II-42	I-62,64
Donkeys (see Mules, burros, and donkeys)							
Dry edible beans	I-58	I-1,32,33, II-1,25,26	-	I-2,59,60	I-61,63,65	-	I-62,64
Ducks	-	-	I-27; II-13,14	-	-	-	-
E							
Economic class of farms	I-58	-	-	I-3,59,60; II-2	I-50, 52, 54, 55, 61,63,65; II-47	-	I-62,64
Eggs, chicken	-	-	-	-	-	I-41; II-40	I-46
Eggplant	-	I-34; II-30	-	-	-	-	-

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
Elk	-	-	I-31; II-24	-	-	-	-
Emmer and spelt	-	II-26	-	-	-	-	-
Emus	-	-	I-27; II-14	-	-	-	-
Equipment and machinery	I-58	-	-	I-1,4,43,44, 59, 60; II-1,41	I-61,63,65	I-11	I-46, 47, 62,64
Escarole and endive	-	I-34; II-30	-	-	-	-	-
Estimated market value of land and buildings	I-58; II-8	-	-	I-1,40,42,59, 60; II-1	I-61,63,65	I-11	I-46, 47, 62, 64
Estimated market value of machinery and equipment	-	-	-	I-40	-	I-11	I-1,47,62,64; II-1
Ewes 1 year and older	I-58	-	I-28-30; II-16	I-59,60	I-61,63,65	-	I-62,64
Expenses paid by landlords	I-58	-	-	I-4,59,60	I-61,63,65	-	I-62,64
Expenses, total farm production	I-58	-	-	I-1,4,40,59,60; II-1,3	I-61,63,65	I-11	I-47,62,64;
F							
Family held corporations	I-58	-	-	I-59,60	I-61,63,65; II-46	-	I-62,64; A,B
Family operations	I-58	-	-	I-59,60	I-50,52,54,55, 61,63,65; II-46	-	I-1,62,64; A,B
Farm characteristics	-	-	-	-	I-50-52,54,55	-	I-46; A,B
Farm production expenses	I-58	-	-	I-1, 4,40,59,60; II-1, 3	I-61,63,65	I-11	I-1,47,62,64; II-1
Farm size	I-58	-	-	I-59,60	I-50,54,55, 61, 63, 65	-	I-1,47, 62,64; A,B
Farmer (see Operators)							
Farmland, rent income received	I-58	-	-	I-7,59,60; II-6	I-61,63,65	-	I-62,64
Farms, number	I-8,9,58; II-8,9	I-32-39; II-25, 39	I-12-31; II-11-24	I-2-7, 40, 42-44, 59,60; II-2-7,41	I-49-56, 61, 63,65; II-46-56	I-10,11,41, 45,48; II-10, 40, 42-44	I-1, 46, 47, 62, 64; II-1; A - D
Feed purchased, expense	I-58	-	-	I-1, 4,40,59,60; II-3	I-61,63,65	I-11	I-1,62,64
Fertilizer and chemicals applied	I-58	I-45; II-42	-	I-59,60	I-61,63,65	I-11,45; II-42	I-62,64
Fertilizer, lime, and soil conditioners purchased, expense	I-58	I-45; II-42	-	I-1,4,40,59,60; II-3	I-61,63,65	I-11,45;	I-62,64
Fescue seed	-	I-33; II-27	-	-	-	-	-
Field and grass seed crops	I-58	I-33; II-26,27	-	I-59,60	I-61,63,65	-	I-62,64
Figs	-	I-35; II-32	-	-	-	-	-
Filberts (hazelnuts)	-	I-35; II-32	-	-	-	-	-
Flaxseed	-	I-33; II-26	-	-	-	-	-
Floriculture crops	-	I-37; II-35	-	I-40,59; II-2	-	-	-
Flower seeds	-	I-37; II-35	-	-	-	-	-
Foliage plants	-	I-37; II-35	-	-	-	-	-
Forage, all, land used	I-58	I-1,32,33; II-1,25,27	-	I-59,60	I-61,63,65	-	I-1, 62,64
Forage harvesters, self-propelled	I-58	-	-	I-59,60; II-41	I-61,63,65	I-44	I-62,64
Forest products, sales values	I-58	-	-	I-7,59,60; II-6	I-61,63,65	-	I-62,64
Foxtail millet seed	-	II-27	-	-	-	-	-
Fruit and tree nuts	I-58	I-33,35; II-32	-	I-59,60; II-2	I-50,52,54,55, 61,63,65	-	I-46,62,64
Fruits, tree nuts, and berries, sales value	I-58	-	-	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64
Fuels purchased, expense	I-58	-	-	I-1,4,40,59,60; II-3	I-61,63,65	I-11	I-62,64
Full owners	I-58	-	-	I-59,60	I-50,52,54,55, 61,63,65; II-46	-	I-47,62,64; A, B

Item	Land	Crops	Livestock	Economics	Demo- graphics	Practices	Misc.
G							
Gains, net income	I-58	-	-	I-5,59,60; II-4	I-54,61,63,65	-	I-62,64
Game or sport fish	-	-	II -23	-	-	-	-
Garden plants sold	-	I-37	-	-	-	-	-
Garlic	-	I-34; II-30	-	-	-	-	-
Gasoline, fuels and oils purchased, expense	I-58	-	-	I-1,4,40,59,60; II-3	I-61,63,65	I-11	I-1,62,64
Geese	-	-	I-27; II-13,14	-	-	-	-
Generated energy	-	-	-	-	-	II-44	-
Ginger root	-	II-28	-	-	-	-	-
Ginseng	-	I-34; II-30	-	-	-	-	-
Goats	I-58	-	I-31; II-17-20	I-2,40,59,60; II-2	I-61,63,65	-	I-46,62,64
Government payments, all	I-58	-	-	I-3,6,40,59,60; II-1,5	I-50, 52, 54, 55, 61,63,65	I-11	I-17,62,64
Grain and bean combines	I-58	-	-	I-44,59,60	I-61,63,65	-	I-62,64
Grain storage capacity	-	-	-	-	-	-	I-39; II-39
Grains, oilseeds, dry beans, and dry peas	I-58	-	-	I-2,40,59,60; II-2	I-61,63,65	I-41, II-40	I-62,64
Grapefruit	-	I-35; II-32	-	-	-	-	-
Grapes	I-58	I-35; II-32	-	I-59,60	I-61,63,65	-	I-46,62,64
Grass silage	-	I-32,33; II-27	-	-	-	-	-
Greenchop	I-58	I-32,33; II-25,27	-	I-59,60	I-61,63,65	-	I-1,62,64; II-1
Greenhouse fruits and berries	-	I-37; II-35	-	-	-	-	-
Greenhouse vegetables	-	I-37; II-35	-	I-37; II-2	-	-	-
Greenhouse tomatoes	-	I-37; II-35	-	-	-	-	-
Guar	-	II-28	-	-	-	-	-
Guavas	-	I-35; II-32	-	-	-	-	-
H							
Harvested cropland	I-8,9,58; II-8,9,46	I-1,33-39; II-1, 25-39	-	I-40,59,60	I-61,63,65; II-46-47,49	I-10,11,48; II-10	I-46-47,62,64
Hawaiian (see Native Hawaiian and Other Pacific Islander)							
Hay	I-58	I-32,33; II-27	-	I-59,60	I-61,63,65	-	I-46,62,64
Hay balers	I-58	-	-	I-44,59,60	I-61,63,65	I-44	I-62,64
Haylage, grass silage, and greenchop hay	-	I-32,33; II- 27	-	-	-	-	I-1
Hazelnuts (Filberts)	-	I-35; II-32	-	-	-	-	-
Head lettuce	-	I-34; II-30	-	-	-	-	-
Heifers	I-58	-	I-12,14-17	I-59,60	I-61,63,65	-	I-62,64
Herbs	-	I-34,37; II-28,30,35	-	-	-	-	-
Hired farm labor	I-58	-	-	I-1,4,40,59,60; II-3,7	I-61,63,65	I-11	I-62,64
Hired managers	I-58	-	-	I-59,60	I-50, 52, 54- 55, 61, 63,65	-	I-62,64
Hispanic (see Spanish, Hispanic or Latino origin)							
Hogs and pigs	I-58	-	I-1,19-26; II-1,12	I-2,40,59,60; II-2	I-61,63,65	I-11,41; II-40	I-62, 64
Honey collected	-	-	I-31; II-21	-	-	-	-

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
Honeydew melons	-	I-34; II-30	-	-	-	-	-
Hops	-	I-33; II-28	-	-	-	-	-
Horseradish	-	I-34; II-30	-	-	-	-	-
Horses and ponies	I-58	-	I-31; II-15	I-59,60; II-2	I-61,63,65	-	I-62,64
Horses, ponies, mules, burros, and donkeys, sales value	I-58	-	-	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64
Household income, percent from farming	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-62,64
Households sharing in farm income	I-58	-	-	I-59,60	I-50, 52, 54-55, 61, 63,65	-	I-62,64
I							
Income from farm-related sources	I-58	-	-	I-1,7,59,60; II-1,6	I-61,63,65	I-11	I-47,62,64
Insects, chemical control	I-58	-	-	I-59,60	I-61,63,65	I-45;II-42	I-62,64
Institutional farms	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-1,47,62,64
Insurance payments	I-8,58; II-8	-	-	I-7,59,60; II-6	I-61,63,65	-	I-62,64
Interest expenses	I-58	-	-	I-1,4,40,59,60; II-3	I-41, 58, 61, 63, 65	I-11	I-1,62,64; II-46
Internet access	I-58	-	-	I-59,60; II-2	I-50, 52, 54, 55, 61, 63,65	-	I-1,62,64; II-46
Irrigated land	I-9,58	I-33; II-25	-	I-59,60	I-61,63,65	I-10,11; II-10	I-47,62,64; II-1
J							
Jojoba	-	II-28	-	-	-	-	-
K							
Kale	-	I-34; II-30	-	-	-	-	-
Kentucky bluegrass seed	-	II-27	-	-	-	-	-
Kiwifruit	-	I-35; II-32	-	-	-	-	-
Kumquats	-	I-35; II-32	-	-	-	-	-
L							
Labor expense, hired	I-58	-	-	I-1,4,59,60; II-3,7	I-61,63,65	I-11	I-1,62,64
Ladino clover seed	-	II-27	-	-	-	-	-
Land and buildings, estimated market value	I-58; II-8	-	-	I-42,59,60	I-61,63,65	I-11	I-1, 46-47, 62, 64
Land in farms, acres	I-1, 8, 9, 58; II-8	-	-	I-40,59,60	I-50,52,54,55, 61, 63,65; II-46, 48, 49, 50,51,52,53,54, 55,56	I-11,48	I-46 47, 62, 64; A-C
Land owned	I-58	-	-	I-59,60	I-61,63,65; II-46	I-11	I-62,64
Land rented or leased to others	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-62,64; II-46
Land use	I-1,8,58	-	-	I-59,60	I-61,63,65	I-11	I-1, 46, 47, 62, 64
Land used for vegetables	I-58; II-29	I-33; II-29	-	I-59,60	I-61,63,65	-	I-1,62,64
Land used to raise certified organic crops	I-58	I-48; II-43	-	I-59,60	I-61,63,65	-	I-62,64
Landlord's share of production expenses	I-58	-	-	I-4,59,60	I-61,63,65	-	I-62,64
Landlord's share of sales	I-58	-	-	I-2,59,60	I-61,63,65	-	I-62,64
Latino (see Spanish, Hispanic or Latino origin)							
Layers	I-58	-	I-27; II-13	I-59,60	I-61,63,65	-	I-1,62,64; II-1
Leaf lettuce	-	I-34; II-30	-	-	-	-	-

Item	Land	Crops	Livestock	Economics	Demo- graphics	Practices	Misc.
Lemons	-	I-35; II-32	-	-	-	-	-
Lentils	-	I-33; II-26	-	-	-	-	-
Lespedeza seed	-	II-27	-	-	-	-	-
Lettuce, all	-	I-34; II-30	-	-	-	-	-
Lima beans- Green	-	I-34; II-30	-	-	-	-	-
Dry	-	II-26	-	-	-	-	-
Limes	-	I-35; II-32	-	-	-	-	-
Livestock and poultry purchased, expense	I-58	-	-	I-1,4,11,40,59,60; II-3	I-61,63,65	I-11	I-1,62,64;
Livestock inventory	I-58	-	-	I-59,60	I-61,63,65	I-11	I-1, 62,64
Livestock, poultry, and their products, value	-	-	-	I-2; II-2	I-50,52,54-55	I-11	I-1,47; II-1
Llamas	-	-	I-31; II-24	-	-	-	-
Loan deficiency payments	-	-	-	I-6	-	-	-
Loganberries	-	I-36; II-34	-	-	-	-	-
Losses, net income	I-58	-	-	I-5,59,60; II-4	I-61,63,65	-	I-62,64
M							
Macadamia nuts	-	I-35; II-32	-	-	-	-	-
Machinery and equipment-							
Estimated market value	I-58	-	-	I-1,43,59,60; II-41	I-61,63,65	I-11	I-46, 47, 62,64; II-1
Rent and lease expense	I-58	-	-	I-59,60; II-3,5	I-61,63,65	I-11	I-1,62,64
Mangoes	-	I-35; II-32	-	-	-	-	-
Manure applied	I-58	-	-	I-59,60	I-61,63,65	I-45; II-42	I-62,64
Maple syrup	-	I-38; II-38	-	-	-	-	-
Market value of agricultural products	I-58	-	-	I-1-3,40,59,60; II-1,2	I-50,54,55,61, 63,65	I-11,41	I-1,47, 62,64; II-1; A-C
Meat and other goats	-	-	I-31; II-20	-	-	-	-
Melons	-	I-35; II-30	-	-	-	-	-
Migrant workers	I-58	-	-	I-59,60; II-2,5	I-61,63,65; II-7	-	I-62,64
Milk and dairy products, sales value	I-58	-	-	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64
Milk cows	I-58	-	I-1,11,12,17; II-1,11	I-59,60	I-61,63,65	-	I-1,62,64
Milk goats	-	-	I-31; II-18	-	-	-	-
Mink and their pelts	-	-	I-31; II-22	-	-	-	-
Mint for oil	-	I-33,34; II-28	-	-	-	-	-
Miscellaneous poultry	-	-	I-27; II-14	-	-	-	I-46
Mohair	-	-	I-31; II-19	-	-	-	-
Mollusks	-	-	II-23	-	-	-	-
More than one race, operators	I-58	-	-	I-59,60	I-53,54,56, 61, 63, 65; II-56	-	I-62,64; A, B
Mules, burros, and donkeys	-	-	I-31; II-24	-	-	-	-
Mushroom spawn	-	I-37; II-35	-	-	-	-	-
Mushrooms	-	I-34,37; II-30,35	-	-	-	-	-
Mustard greens	-	I-34; II-30	-	-	-	-	-
Mustard seed	-	II-26	-	-	-	-	-

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
N							
Native Hawaiian and Other Pacific Islander operators	I-58	-	-	I-59,60	I-53,54, 55, 56,57,61, 63, 65; II-54	-	I-62,64; A,B
Nectarines	-	I-35; II-32	-	-	-	-	-
Nematodes, chemical control	I-58	-	-	I-59,60	I-61,63,65	II-42	-
Net cash farm income of the operations and operators	I-58	-	-	I-5,59,60; II-4	I-61,63,65	-	I-62,64; II-1
Net gain	I-58	-	-	I-5,59,60; II-4,5	I-61,63,65	-	I-62,64; B
Net loss	I-58	-	-	I-5,59,60; II-4,5	I-61,63,65	-	I-62,64; B
Noncitrus fruit, all	-	I-35; II-32	-	-	-	-	I-46
Nonirrigated farms	-	-	-	-	-	I-11	-
Nonresponse adjustment	-	-	-	-	-	-	A - C
North American Industry Classification System (NAICS) - All other animal production (11299)	-	-	-	-	-	-	I-46
All other crop farming (11199)	-	-	-	-	-	-	I-46
Animal aquaculture (1125)	-	-	-	-	-	-	I-46
Animal aquaculture and other animal production (1125,1129)	I-58	-	-	I-59,60	I- 50, 52, 54, 55, 61, 63, 65	-	I-46, 47, 62, 64; II - 45
Animal production (112)	-	I-39	-	-	-	-	I-46
Apiculture (11291)	-	-	-	-	-	-	I-46
Apple orchards (111331)	-	-	-	-	-	-	I-46
Beef cattle ranching and farming including feedlots (11211)	-	-	-	-	-	-	I-46
Beef cattle ranching and farming (112111)	I-58	-	-	I-59,60	I- 50, 52, 54, 55, 61, 63, 65	-	I-46, 47, 62, 64; II - 45
Berry (except strawberry) farming (111334)	-	-	-	-	-	-	I-46
Broilers and other meat-type chicken production (11232)	-	-	-	-	-	-	I-46
Cattle feedlots (112112)	I-58	-	-	I-59,60	I- 50, 52, 54, 55, 61, 63, 65	-	I-46, 47, 62, 64; II - 45
Cattle ranching and farming (1121)	-	-	-	-	-	-	I-46
Chicken egg production (11231)	-	-	-	-	-	-	I-46
Citrus (except orange) groves (11132)	-	-	-	-	-	-	I-46
Corn farming (11115)	-	-	-	-	-	-	I-46
Cotton farming (11192)	I-58	-	-	I-59,60	I- 50, 52, 54, 55, 61, 63, 65	-	I-46, 47, 62, 64; II - 45
Crop farming, all other (11199)	I-58	-	-	I-59,60	I-50,52,54,55	I-61,63,65	I-46,62,64; II-45
Crop production (111)	-	I-39; II-39	-	-	-	-	I-46
Dairy cattle and milk production (11212)	I-58	-	-	I-59, 60	I-50, 52, 54, 55, 61,63,65	-	I-46,62,64; II-45
Dry pea and bean farming (11113)	-	-	-	-	-	-	I-46
Floriculture production (111422)	-	-	-	-	-	-	I-46
Food crops grown under cover (11141)	-	-	-	-	-	-	I-46
Fruit and nut combination farming (111336)	-	-	-	-	-	-	I-46; II-45
Fruit and tree nut farming (1113)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Fur-bearing animal and rabbit production (11293)	-	-	-	-	-	-	I-46
Goat farming (11242)	-	-	-	-	-	-	I-46

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
Grape vineyards (111332)	-	-	-	-	-	-	I-46
Greenhouse, nursery, and floriculture production (1114)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Hay farming (11194)	-	-	-	-	-	-	I-46
Hog and pig farming (1122)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Horse and other equine production (11292)	-	-	-	-	-	-	I-46
Noncitrus fruit and tree nut farming (11133)	-	-	-	-	-	-	I-46
Nursery and floriculture production (11142)	-	-	-	-	-	-	I-46
Nursery and tree production (111421)	-	-	-	-	-	-	I-46
Oilseed and grain farming (1111)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Oilseed (except soybean) farming (11112)	-	-	-	-	-	-	I-46
Orange groves (11131)	-	-	-	-	-	-	I-46
Other animal production (1129)	-	-	-	-	-	-	I-45; II-45
Other crop farming (1119)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Other grain farming (11119)	-	-	-	-	-	-	I-46
Other noncitrus fruit farming (111339)	-	-	-	-	-	-	I-46
Other poultry production (11239)	-	-	-	-	-	-	I-46
Other vegetable (except potato) and melon farming (11219)	-	-	-	-	-	-	I-46
Potato farming (111211)	-	-	-	-	-	-	I-46
Poultry and egg production (1123)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Poultry hatcheries (11234)	-	-	-	-	-	-	I-46
Rice farming (11116)	-	-	-	-	-	-	I-46
Sheep and goat farming (1124)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Sheep farming (11241)	-	-	-	-	-	-	I-46
Soybean farming (11111)	-	-	-	-	-	-	I-46
Strawberry farming (111333)	-	-	-	-	-	-	I-46
Sugar cane farming, hay farming and all other crop farming (11193, 11194, 11195)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-47, 62, 64; II-45
Sugarcane farming (11193)	I-58	-	-	I-59,60	I-61,63,65	-	I-46,62,64
Tobacco farming (11191)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Tree nut farming (111335)	-	-	-	-	-	-	I-46
Turkey production (11233)	-	-	-	-	-	-	I-46
Vegetable and melon farming (11121)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Wheat farming (11114)	-	-	-	-	-	-	I-46
Number of farms	I-1, 8, 9, 58; II-8,9	II -32, 36-37	I-12-31; II-11-24	I-40,44,59; II-2,41	I-50,52-55, 61, 63,65; II-46	I-10,11,41; II-10, 40	I-1,46-47, 62, 64; II-1,2; A-C
Number of households sharing farm income	I-58	-	-	I-59	I-50, 52,54-55, 61, 63, 65	-	I-62,64
Number of operators	I-58	-	-	I-59,60	I-49-57, 61, 63,65; II-46-56	-	I-62,64
Number of persons living in operator's household	I-58	-	-	I-59,60	I-49,51,53, 54, 56-57, 61, 63, 65	-	I-62,64
Nursery crops	-	I-37; II-35	-	II- 2	-	-	-

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
Nursery, greenhouse, floriculture and sod, sales value	I-58	-	-	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64
Nursery stock	-	I-37; II-35	-	-	-	-	-
Nuts, all	-	I-35; II-32	-	-	-	-	-
O							
Occupation of operator	I-58	-	-	I-59,60	I-1,49, 51, 53, 56,57,61,63,65 II-1,46	I-48	I-62,64; A,B
Off-farm work by operator	I-58	-	-	I-59	I-61, 63, 65; II-46	-	I-1,62,64; II-1
Okra	-	I-34; II-30	-	-	-	-	-
Olives	-	I-35; II-32	-	-	-	-	-
Onions	-	I-34; II-30	-	-	-	-	-
Operator characteristics	I-58	-	-	I-59,60	I-49, 51, 53, 56,57,61,63,65 II-46	I-48	I-62,64; A
Operators -							
Age	I-58	-	-	I-59,60	I-1,49, 51, 53, 56-57, 61, 63, 65; II-46	I-48	I-62,64; A,B
All	-	-	-	-	I-49,52,54; II-46	-	A, B
American Indian or Alaska Native operators	I-58	-	-	I-59,60	I-51,53-57, 61,63,65; II-51	-	I-47,62,64; A, B, D
Asian	I-58	-	-	I-59,60	I-51,54-57, 61, 63, 65; II-52	-	I-47,62,64; A, B
Black or African American	I-58	-	-	I-59,60	I-51, 53-56, 61,63,65; II-53	-	I-47,62,64; A, B
Living on an American Indian reservation	I-58	-	-	I-59,60	I-61,63,65	-	I-62,64; D
Native Hawaiian or Other Pacific Islander	I-58	-	-	I-59,60	I-51,53-57, 61, 63, 65; II-54	-	I-62,64; A,B
On farm	I-58	-	-	I-59,60	I-61, 63, 65; II-46	-	I-62,64
Primary occupation	I-58	-	-	I-59,60	I-1,49, 51, 53, 56,57,61,63,65 II-1,46	I-48	I-62,64; A,B
Principal Operator	I-58	-	-	I-59,60	I-49-54, 56, 61, 63, 65; II-46,47, 49-57	I-48	I-62,64; A,B
Race	I-58	-	-	I-59,60	I-51, 53-57, 61, 63, 65; II -56	-	I-62,64
Spanish, Hispanic, or Latino	I-58	-	-	I-59,60	I-51,52-54 61, 63, 65; II-50	-	I-62,64; A,B
White	I-58	-	-	I-59,60	I-51,53-57, 61,63,65; II-55	-	I-62,64; A, B
Women	I-58	-	-	I-59,60	I-50-52, 54, 55, 61,63,65; II-46	-	I-62,64
Oranges	-	I-35; II-32	-	-	-	-	-
Orchardgrass seed	-	II-27	-	-	-	-	-
Orchards, land in	I-58; II-31	I-1,32,33; II-1,25	-	I-59,60	I-61,63,65	-	I-62,64
Organic agriculture	I-58	-	-	I-59,60	I-61,63,65	I-48; II-43	I-62,64
Ornamental fish	-	-	II-23	-	-	-	-
Ostriches	-	-	I-27; II-14	-	-	-	-
Other livestock and other animal products	I-58	-	I-12-17, 19, 21.22, 25-27,31; II-24	I-2,40,59,60; II-2	I-61,63,65	I-41	I-1,62,64

Item	Land	Crops	Livestock	Economics	Demo- graphics	Practices	Misc.
Other aquaculture products	-	-	II-23	-	-	-	-
Other berries	-	I-36; II-34	-	-	-	-	-
Other citrus	-	I-35; II-32	-	-	-	-	-
Other crops and hay	I-58	I-32-37; II-26-28, 30, 32, 34, 35	-	I-2,40,59,60; II-2	I-61,63,65	I-41	I-62,64
Other farm characteristics	-	-	-	-	I-50,52,54,55	-	-
Other farm production expenses	I-58	-	-	I-4,59,60; II-3	I-61,63,65	I-11	I-62,64
Other farm-related income	I-58	-	-	I-7,59,60; II-6	I-61,63,65	I-11	I-62,64
Other federal farm program payments	-	-	-	I-6; II-5	I-50,52,54,55	-	-
Other food fish	-	-	II-23	-	-	-	-
Other livestock	-	-	I-31; II-24	-	-	-	-
Other livestock and poultry purchased	I-58	-	-	I-4,59,60; II-3	I-61,63,65	-	I-62,64
Other poultry	-	-	I-27; II-13-14	-	-	-	-
Other types of organizations	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-1,62,64
Other vegetables	-	I-35; II-32	-	-	-	-	-
Owned land in farms	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65; II-46	I-11	I-62,64
P							
Pacific Islander (see Native Hawaiian and Other Pacific Islander)							
Papayas	-	I-35; II-32	-	-	-	-	-
Parsley	-	I-34; II-30	-	-	-	-	-
Part owners	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65; II-46,49	-	I-47,62,64; A,B
Partnerships	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65; II-46	-	I-1,62,64; A,B
Passion fruit	-	I-35; II-32	-	-	-	-	-
Pastureland	I-8,58; II-8	-	-	I-40,59,60	I-61,63,65	I-10,11,48; II-10,42,43	I-47,62,64
Patronage dividends and refunds from cooperatives	I-58	-	-	I-7,59,60; II-6	I-61,63,65	-	I-62,64
Payroll	-	-	-	II-7	-	-	-
Peaches	I-58	I-35; II-32	-	I-59,60	I-61,63,65	-	I-62,64
Peanuts	I-58	I-1,32,33; II-1,25,26	-	I-59,60	I-61,63,65	-	I-62,64
Pears	-	I-35; II-32	-	-	-	-	-
Peas -							
Chinese	-	I-34; II-30	-	-	-	-	-
Dry edible	I-58	I-33; II-26	-	-	-	-	-
Dry southern (cowpeas)	-	II-26	-	-	-	-	-
Green (excluding southern)	I-58	I-34; II-30	-	I-59,60	I-61,63,65	-	I-62,64
Green southern (cowpeas)	-	I-34; II-30	-	-	-	-	-
Pecans	I-58	I-35; II-32	-	I-59,60	I-61,63,65	-	I-62,64
Peppers	-	I-34; II-30	-	-	-	-	-
Percent of income from farming	I-58	-	-	I-59,60	I-52, 54, 55, 61, 63,65	-	I-62,64
Permanent pasture and rangeland	I-8,58; II-8	-	-	I-59,60	I-61,63,65	-	I-47,62,64

Item	Land	Crops	Livestock	Economics	Demo- graphics	Practices	Misc.
Persimmons	-	I-35; II-32	-	-	-	-	-
Pesticides, acres applied	I-58	-	-	I-59,60	-	II-42	I-62,64
Pheasants	-	-	I-27; II-14	-	-	-	-
Pigeons or squab	-	-	I-27; II-14	-	-	-	-
Pima cotton	-	I-32,33; II-1,26	-	-	-	-	-
Pineapples	-	I-1,33; II-1,25,28	-	-	-	-	-
Pistachios	-	I-35; II-32	-	-	-	-	-
Place of residence	I-58	-	-	I-59,60	I-49, 51, 53, 56,57,61,63,65 II-46	I-48	I-62,64
Plums and Prunes	-	I-35; II-32	-	-	-	-	-
Pluots	-	I-35; II-32	-	-	-	-	-
Pomegranates	-	I-35; II-32	-	-	-	-	-
Popcorn	-	I-33; II-26	-	-	-	-	-
Potatoes	I-58	I-1,34; II-1,30	-	I-2,40,59,60; II-2	I-61,63,65	I-41; II-40	I-62,64
Potted flowering plants	-	I-37; II-35	-	-	-	-	-
Poultry	I-58	-	I-27; II-13,14	I-2,40,59,60; II-2	I-61,63,65; II-46,50	I-41	I-62,64
Poultry hatched	-	-	II-14	-	-	-	-
Primary occupation (see Operator, primary occupation)							
Principal operator (see Operator)							
Production contracts	-	-	-	-	-	I-41; II-40	-
Property taxes paid, expense	I-58	-	-	I-4,59,60; II-3	I-61,63,65	I-11	I-62,64
Proso millet	-	I-33; II-26	-	-	-	-	-
Prunes	-	I-35; II-32	-	-	-	-	-
Pullets for laying flock replacement	I-58	-	I-27; II-13	I-59,60	I-61,63,65	I-41; II-40	I-62,64
Pumpkins	-	I-34; II-30	-	-	-	-	-
Q							
Quail	-	-	I-27; II-14	-	-	-	-
R							
Rabbits and their pelts	-	-	I-31; II-24	-	-	-	-
Race of operator	I-58	-	-	I-59,60	I-51,53,54- 57,61,63,65; II-51-56	-	I-62,64; A,B
Radishes	-	I-34; II-30	-	-	-	-	-
Rapeseed	-	II-26	-	-	-	-	-
Raspberries	-	I-36; II-34	-	-	-	-	-
Recreational services income	I-58	-	-	I-7,59,60; II-6	I-61,63,65	-	I-62,64
Red clover seed	-	II-27	-	-	-	-	-
Redtop seed	-	II-27	-	-	-	-	-
Reliability estimates	-	-	-	-	-	-	B
Rent and lease expenses for machinery, equipment, and farm share of vehicles	I-58	-	-	I-4,59,60; II-3	I-61,63,65	I-11	I-62,64
Rent or share payments income	I-58	-	-	I-7,59,60; II-6	I-61,63,65	-	I-62,64

Item	Land	Crops	Livestock	Economics	Demo- graphics	Practices	Misc.
Rented or leased land	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61, 63,65; II-46	I-11	I-62,64
Rhubarb	-	I-34; II-30	-	-	-	-	-
Rice	I-58	I-1,32,33; II-1,25,26	-	I-2,59,60; II-2	I-61,63,65	-	I-46,62,64
Romaine lettuce	-	I-34; II-30	-	-	-	-	-
Rotational or management intensive grazing	-	-	-	-	II-44	-	-
Rye for grain	-	I-33; II-26	-	-	-	-	-
Ryegrass seed	-	I-33; II-27	-	-	-	-	-
S							
Safflower	-	I-33; II-26	-	-	-	-	-
Seed harvested	I-58	I-33,37; II-25-27,35	-	I-59,60	I-61,63,65	-	I-62,64
Seedlings	-	I-37; II-35	-	-	-	-	-
Seeds, plants, vines, and trees, expense	I-58	-	-	I-4,59,60; II-3	I-61,63,65	I-11	I-62,64
Sesame	-	II-28	-	-	-	-	-
Sex of operator	I-58	-	-	I-59,60	I-49, 53, 56, 57, 61,63,65; II-46	I-48	I-62,64; A, B
Share payments (see Rent)							
Sheep and lambs	I-58	-	I-28-30; II-1,16	I-2,40,59,60; II-2	I-50, 52, 54, 61, 63, 65	I-11; II-44	I-62,64; II-1,46,47
Sheep, goats, and their products, sales value	I-58	-	-	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64
Short rotation woody crops	I-58	I-38; II-37	-	I-2,7,40,59; II-2,6	I-61,63,65	-	I-62,64
Silage	I-58	I-1,32,33; II-1,25,27	-	I-59,60	I-61,63,65	-	I-62,64
Small grain hay	-	I-32,33; II-27	-	-	-	-	-
Sod	-	I-37; II-35	-	I-2,40	-	-	-
Soil conditioners	I-58	-	-	I-1,4,40,59,60; II-2	I-61,63,65	I-11,45; II-42	I-62,64
Sorghum	I-58	I-1,32-33; II-1, 25, 26, 27, 28	-	I-2,59,60; II-2	I-61,63,65	-	I-62,64
Soybeans	I-58	I-1,32,33; II-1,25,26	-	I-2,59,60; II-2	I-61,63,65	-	I-62,64
Spanish, Hispanic or Latino origin, operators	I-58	-	-	I-59,60	I-51,52-53,55, 61, 63, 65; II-50	-	I-62,64; A,B
Spearmint for oil	-	II-28	-	-	-	-	-
Specified fruits and nuts, acres	-	I-35; II-32	-	-	-	-	-
Spinach	-	I-34; II-30	-	-	-	-	-
Sport or game fish	-	-	II-23	-	-	-	-
Spring wheat, other	-	I-1,32-33; II-1,26	-	-	-	-	-
Squab (see Pigeons)	-	-	I-27; II-14	-	-	-	-
Squash	-	I-34; II-30	-	-	-	-	-
State and local government program payments	I-58	-	-	I-7,59,60; II-6	I-61,63,65	-	I-62,64
Stockholders in farm corporation	I-58	-	-	I-59,60	I-61,63,65	-	I-62,64
Strawberries	-	I-36; II-34	-	-	-	-	-
Sudangrass seed	-	II-27	-	-	-	-	-

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
Sugarbeets	I-58	I-1,32,33; II-1,25,26	-	I-59,60	I-61,63,65	-	I-62,64
Sugarcane	I-58	I-1,32,33; II-1,25,26	-	I-59,60	I-50, 52, 54, 61, 63, 65	-	I-46, 47, 62, 64; II-1
Summer squash	-	I-34; II-30	-	-	-	-	-
Sunflower seed	I-58	I-1,33; II-1,25,26	-	I-59,60	I-61,63,65	-	I-62,64
Supplies, repairs and maintenance, expense	I-58	-	-	I-4,59,60; II-3	I-61,63,65	I-11	I-62,64
Sweet corn	I-58	I-34; II-28,30	-	I-59,60	I-61,63,65	-	I-62,64
Sweet potatoes	I-58	I-1,34; II-30	-	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64; II-1
Sweetclover seed	-	II-1,27	-	-	-	-	-
T							
Tame hay, other	I-58	I-32,33; II-27	-	I-59,60	I-61,63,65	-	I-62,64
Tangelos	-	I-35; II-32	-	-	-	-	-
Tangerines	-	I-35; II-32	-	-	-	-	-
Taps, maple syrup	-	I-38; II-38	-	-	-	-	-
Taro	-	II-28	-	-	-	-	-
Taxes, property	I-58	-	-	I-4,59,60; II-3	I-61,63,65	I-11	I-62,64
Temples	-	I-35; II-32	-	-	-	-	-
Tenants	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65; II-46,49	-	I-47,62,64; A,B
Tenure of operator	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65; II-46,49	-	I-47,62,64; A,B
Timothy seed	-	II-27	-	-	-	-	-
Tobacco	I-58	I-1,32,33; II-1,25,26	-	I-2,40,59,60; II-2	I-61,63,65	-	I-46, 47, 62, 64; II-1,45
Tobacco transplants	-	I-37; II-35	-	-	-	-	-
Tomatoes	I-58	I-34; II-30	-	I-59,60	I-61,63,65	-	I-62,64
Tomatoes, greenhouse	-	I-37; II-35	-	-	-	-	-
Total cropland	I-1,8,58; II-1,8	-	-	I-40,59,60	I-61,63,65	I-11	I-47,62,64
Total farm production expenses	I-58	-	-	I-4,40,59,60; II-3	I-61,63,65	I-11	I-1,47,62,64; II-1
Total sales	I-58	-	-	I-2,59,60; II-2	I-61,63,65	-	I-62,64
Total woodland	I-8,58; II-8	-	-	I-59,60	I-61,63,65	-	I-47,62,64
Tractors	I-58	-	-	I-44,59,60; II-41	I-61,63,65	-	I-62,64
Triticale	-	II-26	-	-	-	-	-
Trout	-	-	II-23	-	-	-	-
Trucks	I-58	-	-	I-44,59,60; II-41	I-61,63,65	-	I-44,62,64
Tubers	-	I-37	-	-	-	-	-
Turkeys	I-58	-	I-27; II-13	I-59,60	I-61,63,65	I-41; II-40	I-62,64
Turnip greens	-	I-34; II-30	-	-	-	-	-
Turnips	-	I-34; II-30	-	-	-	-	-
Type of organization	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65; II-46	-	I-1,62,64;A,B
Typology of farm	I-58	-	-	I-59,60	I-61,63,65; II-46	-	I-62,64

Item	Land	Crops	Livestock	Economics	Demo- graphics	Practices	Misc.
U							
Upland cotton	-	I-1,32,33; II-1,26	-	-	-	-	-
Utilities, expense	I-58	-	-	I-4,40,59,60; II-3	I-61,63,65	I-11	I-62,64
V							
Valencia oranges	-	I-35; II-32	-	-	-	-	-
Value Added Commodities	-	-	-	-	-	II-44	-
Value of -							
Agricultural products sold	-	-	-	I-3; II-2	-	I-11	I-1; II-2
Commodities under production contract	-	-	-	-	-	I-41	-
Land and buildings	I-58; II-8	-	-	I-40,42,59,60	I-61,63,65	I-11	I-1, 46, 47, 62, 64; II-1
Landlord's share of total sales	I-58	-	-	I-2,40,59,60	I-61,63,65	-	I-62,64
Machinery and equipment	I-58	-	-	I-40,43,59,60; II-41	I-61,63,65	I-11	I-1, 46, 47, 62, 64; II-1
Organic product sales	I-58	-	-	I-40,59,60	I-61,63,65	I-48; II-43	I-62,64
Sales	I-58	I-37; II-35	I-13-18,20-22,31; II-23	I-1-3,40,59,60; II-1-2	I-50, 52, 54, 55, 61,63,65; II-47	I-11,41,48; II-43	I-1,46, 47, 62, 64; A-C
Veal calves	-	-	-	-	-	II-44	-
Vegetable seeds	-	I-37; II-35	-	-	-	-	-
Vegetable transplants	-	I-37; II-35	-	-	-	-	-
Vegetables	I-58	I-1,32-34,37; II-1,25, 29, 30, 35	-	I-2,40,59,60; II-2	I-61,63,65	I-41; II-40	I-62,64
Vetch seed	-	II-27	-	-	-	-	-
W							
Walnuts, English	I-58	I-35; II-32	-	I-59,60	I-61,63,65	-	I-62,64
Watercress	-	I-34; II-30	-	-	-	-	-
Watermelons	-	I-34; II-30	-	-	-	-	-
Weeds, grass, or brush, chemical control	I-58	-	-	I-59,60	I-61,63,65	I-45; II-42	I-62,64
Wetlands Reserve Program	I-8,58; II-8	-	-	I-6,59,60; II-5	I-50, 52, 54, 55, 61,63,65	I-11	I-62,64
Wheat -							
All	I-58	I-1,32,33; II-25,26	-	I-2,59,60; II-2	I-61,63,65	-	I-1,46,62,64; II-1
Durum	-	I-1,32,33,34; II-1,26	-	-	-	-	-
Other spring	-	I-1,32,33,34; II-1,26	-	-	-	-	-
Winter	-	I-1,32,33,34; II-1,26	-	-	-	-	-
Wheatgrass seed	-	II-27	-	-	-	-	-
White clover seed	-	II-27	-	-	-	-	-
White operators	I-58	-	-	I-59,60	I-51,53-57, 61,63,65; II-55	-	I-62,64; A, B
Wild hay	-	I-32-33; II-27	-	-	-	-	-
Wild rice	-	II-26	-	-	-	-	-
Winter squash	-	I-34; II-30	-	-	-	-	-

Item	Land	Crops	Livestock	Economics	Demo- graphics	Practices	Misc.
Women operators	I-58	-	-	-	I-49, 50, 51, 54, 57, 61, 63, 65; II-46-49	I-48	I-62, 64
Woodland crops	I-58	I-38; II-36- 38	-	I-59, 60	I-61, 63, 65	-	I-62, 64
Woodland, total	I-8, 58; II-8	-	-	I-59, 60	I-61, 63, 65	-	I-47, 62, 64
Wool production	-	-	I-28, 29, 30; II-16	-	-	-	-
Y							
Years on present farm	I-58	-	-	I-59, 60	I-49, 51, 53, 56, 57, 61, 63, 65; II-46	I-48	I-62, 64