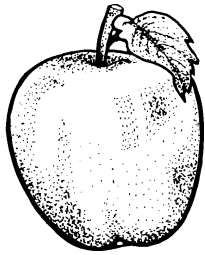


## APPLES

New England apple production ranked seventh in the United States for utilized production in 2000, producing 1.6 percent of the nation's total output. The region placed sixth when comparing total value of utilized production in 2000, exceeded only by Washington, New York, Michigan, California, Pennsylvania, and Virginia.



Orchards reached full bloom by mid-May, but cool and wet weather throughout the end of May and the beginning of June provided unfavorable conditions for pollination. Wet weather continued through June and July, with outbreaks of scab reported in all areas. Hail damage was reported throughout the area with some Northern New England operations reporting total losses for the year. By mid-August early apple harvest had begun. Cool but sunny days finally arrived to

New England by mid-September when harvest was in full swing. By mid-October harvest was winding down with fruit size generally average and quality reported as good. The 2000 apple crop available for utilization totaled 4.1 million bushels, 28 percent below the previous year's utilized output. Even though apple prices increased from 1999, the New England 2000 apple crop utilized value was placed at \$44.5 million, 18 percent below the previous year due to vastly lower production.

Apples used for fresh market comprised 73 percent of the 2000 apple crop, up from the 68 percent in 1999. Both 2000 fresh and processing apple prices increased from 1999. Fresh apples sold for 6 percent above the previous year, while the processing fruit price increased by 19 percent.

[Apple chart appears on page 58.]

**APPLES: <sup>1/</sup> Production and Value, 1991 - 2000**

STATE & YEAR	Bearing Acreage	Yield <sup>2/</sup>	Production		Utilized Price per Pound	Value of Utilized Production	42-Pound Bushel Equivalents			
			Total <sup>3/</sup>	Utilized <sup>4/</sup>			Yield <sup>2/</sup>	Production		Utilized Price per Bushel
								Total <sup>3/</sup>	Utilized <sup>4/</sup>	
	Acres	Lbs/Acre	Million Pounds		Dollars	1,000 Dollars	Bu/Acre	1,000 Bushels		Dollars
<b>Connecticut</b>										
1991	2,800	8,930	25.0	22.0	0.271	5,960	212.6	595	524	11.38
1992	2,900	13,400	39.0	35.0	0.213	7,470	320.2	929	833	8.96
1993	2,500	9,800	24.5	24.0	0.235	5,640	233.3	583	571	9.87
1994	2,500	10,000	25.0	24.0	0.283	6,780	238.1	595	571	11.87
1995	2,400	8,540	20.5	20.0	0.276	5,520	203.4	488	476	11.59
1996	2,400	8,330	20.0	20.0	0.324	6,480	198.4	476	476	13.61
1997	2,400	10,000	24.0	23.0	0.312	7,170	238.1	571	548	13.09
1998	2,400	7,290	17.5	17.0	0.335	5,701	173.6	417	405	14.08
1999	2,400	9,580	23.0	22.0	0.276	6,078	228.2	548	524	11.60
2000	2,400	8,540	20.5	20.0	0.302	6,040	203.4	488	476	12.68
<b>Maine</b>										
1991	4,700	14,500	68.0	63.0	0.229	14,413	344.5	1,619	1,500	9.61
1992	4,800	17,100	82.0	78.0	0.160	12,445	406.7	1,952	1,857	6.70
1993	4,700	11,500	54.0	53.0	0.205	10,885	273.6	1,286	1,262	8.63
1994	4,700	11,500	54.0	52.0	0.174	9,030	273.6	1,286	1,238	7.29
1995	4,700	13,400	63.0	60.0	0.180	10,780	319.1	1,500	1,429	7.55
1996	4,700	13,800	65.0	63.0	0.202	12,746	329.3	1,548	1,500	8.50
1997	4,700	13,600	64.0	62.0	0.193	11,992	324.2	1,524	1,476	8.12
1998	4,700	9,470	44.5	43.0	0.218	9,390	225.4	1,060	1,024	9.17
1999	4,700	15,300	72.0	61.0	0.202	12,335	364.7	1,714	1,452	8.49
2000	4,000	9,750	39.0	35.0	0.218	7,622	232.1	929	833	9.15
<b>Massachusetts</b>										
1991	4,900	12,700	62.0	55.0	0.254	13,962	301.3	1,476	1,310	10.66
1992	5,000	17,000	85.0	79.0	0.163	12,905	404.8	2,024	1,881	6.86
1993	5,150	11,500	59.0	55.0	0.202	11,125	272.8	1,405	1,310	8.50
1994	5,250	11,900	62.5	58.0	0.226	13,120	283.4	1,488	1,381	9.50
1995	5,250	11,900	62.5	57.5	0.251	14,455	283.4	1,488	1,369	10.56
1996	5,250	10,400	54.5	53.0	0.262	13,910	247.2	1,298	1,262	11.02
1997	5,250	11,400	60.0	58.5	0.258	15,120	272.1	1,429	1,393	10.86
1998	5,250	6,100	32.0	29.5	0.307	9,050	145.1	762	702	12.88
1999	5,250	12,400	65.0	57.0	0.268	15,300	294.8	1,548	1,357	11.27
2000	5,000	10,000	50.0	43.0	0.320	13,755	238.1	1,190	1,024	13.44

See footnotes at end of table

APPLES: <sup>1/</sup> Production and Value, 1991 - 2000

STATE & YEAR	Bearing Acreage	Yield <sup>2/</sup>	Production		Utilized Price per Pound	Value of Utilized Production	42-Pound Bushel Equivalents			
			Total <sup>3/</sup>	Utilized <sup>4/</sup>			Yield <sup>2/</sup>	Production		Utilized Price per Bushel
								Total <sup>3/</sup>	Utilized <sup>4/</sup>	
	Acres	Lbs/Acre	Million Pounds		Dollars	1,000 Dollars	Bu/Acre	1,000 Bushels		Dollars
<b>New Hampshire</b>										
1991	3,400	11,800	40.0	36.0	0.237	8,535	280.1	952	857	9.96
1992	3,500	15,400	54.0	52.0	0.170	8,820	367.3	1,286	1,238	7.12
1993	3,300	11,100	36.5	36.0	0.212	7,645	263.3	869	857	8.92
1994	3,200	12,800	41.0	40.0	0.217	8,675	305.1	976	952	9.11
1995	3,100	14,200	44.0	42.0	0.203	8,530	337.9	1,048	1,000	8.53
1996	3,000	13,000	39.0	38.0	0.224	8,500	309.5	929	905	9.39
1997	2,950	13,700	40.5	40.0	0.210	8,400	326.9	964	952	8.82
1998	2,950	6,440	19.0	19.0	0.279	5,296	153.3	452	452	11.71
1999	2,900	15,000	43.5	42.0	0.215	9,023	357.1	1,036	1,000	9.02
2000	2,900	11,700	34.0	32.5	0.236	7,655	279.1	810	774	9.89
<b>Rhode Island</b>										
1991	330	16,700	5.5	4.9	0.289	1,417	396.8	131	117	12.15
1992	350	18,600	6.5	6.1	0.277	1,690	442.2	155	145	11.64
1993	300	12,000	3.6	3.4	0.265	900	285.7	86	81	11.12
1994	300	10,700	3.2	3.2	0.275	880	254.0	76	76	11.55
1995	300	9,670	2.9	2.4	0.272	652	230.2	69	57	11.41
1996	300	11,300	3.4	3.2	0.251	804	269.8	81	76	10.55
1997	300	12,000	3.6	3.4	0.267	907	285.7	86	81	11.20
1998	300	8,670	2.6	2.2	0.304	668	206.3	62	52	12.75
1999	300	12,000	3.6	2.9	0.372	1,079	285.7	86	69	15.63
2000	300	7,670	2.3	2.2	0.359	790	182.5	55	52	15.08
<b>Vermont</b>										
1991	3,600	14,700	53.0	47.0	0.217	10,200	350.5	1,262	1,119	9.11
1992	3,600	13,900	50.0	42.0	0.119	4,998	330.7	1,190	1,000	5.00
1993	3,600	11,900	43.0	40.0	0.170	6,795	284.4	1,024	952	7.13
1994	3,600	13,300	48.0	45.0	0.169	7,606	317.5	1,143	1,071	7.10
1995	3,700	14,300	53.0	49.0	0.184	9,000	341.1	1,262	1,167	7.71
1996	3,700	12,200	45.0	44.0	0.186	8,195	289.6	1,071	1,048	7.82
1997	3,700	13,500	50.0	49.0	0.187	9,163	321.8	1,190	1,167	7.85
1998	3,700	9,460	35.0	33.5	0.217	7,278	225.2	833	798	9.12
1999	3,700	15,400	57.0	52.0	0.205	10,640	366.8	1,357	1,238	8.59
2000	3,500	11,900	41.5	38.5	0.225	8,665	282.3	988	917	9.45
<b>NEW ENGLAND</b>										
1991	19,730	12,848	253.5	227.9	0.239	54,487	305.9	6,035	5,426	10.04
1992	20,150	15,707	316.5	292.1	0.165	48,328	374.0	7,536	6,955	6.95
1993	19,550	11,284	220.6	211.4	0.203	42,990	268.7	5,253	5,033	8.54
1994	19,550	11,954	233.7	222.2	0.207	46,091	284.6	5,564	5,290	8.71
1995	19,450	12,643	245.9	230.9	0.212	48,937	301.0	5,855	5,498	8.90
1996	19,350	11,726	226.9	221.2	0.229	50,635	279.2	5,403	5,267	9.61
1997	19,300	12,544	242.1	235.9	0.224	52,752	298.7	5,764	5,617	9.39
1998	19,300	7,803	150.6	144.2	0.259	37,383	185.8	3,586	3,433	10.89
1999	19,250	13,719	264.1	236.9	0.230	54,455	326.7	6,289	5,640	9.65
2000	18,100	10,348	187.3	171.2	0.260	44,527	246.4	4,460	4,076	10.92

<sup>1/</sup> Statistics are for commercial orchards with 100 or more trees.

<sup>2/</sup> Yield is based on total production.

<sup>3/</sup> Total production is quantity actually harvested plus quantities which would have been acceptable for fresh market or processing but were not harvested because of economic or natural reasons.

<sup>4/</sup> Utilized production is the amount sold plus the quantities used at home or held in storage.

**APPLES: <sup>1/</sup> Fresh Market and Processing Utilization, Price and Value, 1991 - 2000**

STATE	FRESH MARKET			PROCESSING		
	Quantity	Price per Pound	Value of Production	Quantity	Price per Ton	Value of Production
	Million Pounds	Dollars	1,000 Dollars	Million Pounds	Dollars	1,000 Dollars
<b>Connecticut</b>						
1991	18.0	0.300	5,400	4.0	280	560
1992	27.0	0.250	6,750	8.0	180	720
1993	20.0	0.250	5,000	4.0	320	640
1994	20.5	0.300	6,150	3.5	360	630
1995	16.0	0.300	4,800	4.0	360	720
1996	16.0	0.350	5,600	4.0	440	880
1997	18.0	0.360	6,480	5.0	276	690
1998	14.0	0.395	5,530	3.0	114	171
1999	16.5	0.355	5,858	5.5	80	220
2000	16.0	0.365	5,840	4.0	100	200
<b>Maine</b>						
1991	49.0	0.269	13,181	14.0	175	1,232
1992	59.0	0.190	11,210	19.0	130	1,235
1993	44.0	0.230	10,120	9.0	170	765
1994	43.5	0.190	8,265	8.5	180	765
1995	43.0	0.225	9,675	17.0	130	1,105
1996	40.0	0.260	10,400	23.0	204	2,346
1997	43.0	0.240	10,320	19.0	176	1,672
1998	33.0	0.270	8,910	10.0	96	480
1999	40.0	0.290	11,600	21.0	70	735
2000	26.0	0.280	7,280	9.0	76	342
<b>Massachusetts</b>						
1991	43.0	0.294	12,642	12.0	219	1,320
1992	59.0	0.195	11,505	20.0	140	1,400
1993	45.0	0.225	10,125	10.0	200	1,000
1994	48.0	0.255	12,240	10.0	175	880
1995	44.5	0.300	13,350	13.0	170	1,105
1996	41.0	0.310	12,710	12.0	200	1,200
1997	43.5	0.320	13,920	15.0	160	1,200
1998	22.0	0.395	8,690	7.5	96	360
1999	42.0	0.350	14,700	15.0	80	600
2000	34.0	0.390	13,260	9.0	110	495

**APPLES: <sup>1/</sup> Fresh Market and Processing Utilization, Price and Value, 1991 - 2000**

STATE	FRESH MARKET			PROCESSING		
	Quantity	Price per Pound	Value of Production	Quantity	Price per Ton	Value of Production
	Million Pounds	Dollars	1,000 Dollars	Million Pounds	Dollars	1,000 Dollars
<b>New Hampshire</b>						
1991	25.0	0.304	7,600	11.0	170	935
1992	32.0	0.235	7,520	20.0	130	1,300
1993	25.0	0.275	6,875	11.0	140	770
1994	27.0	0.290	7,830	13.0	130	845
1995	26.0	0.285	7,410	16.0	140	1,120
1996	26.0	0.290	7,540	12.0	160	960
1997	28.0	0.270	7,560	12.0	140	840
1998	14.5	0.350	5,075	4.5	98	221
1999	26.5	0.320	8,480	15.5	70	543
2000	20.5	0.350	7,175	12.0	80	480
<b>Vermont</b>						
1991	37.0	0.250	9,250	10.0	189	950
1992	28.0	0.150	4,200	14.0	114	798
1993	33.0	0.190	6,270	7.0	150	525
1994	37.0	0.190	7,030	8.0	143	576
1995	39.0	0.210	8,190	10.0	161	810
1996	33.0	0.220	7,260	11.0	170	935
1997	38.0	0.220	8,360	11.0	146	803
1998	23.5	0.288	6,768	10.0	102	510
1999	36.0	0.280	10,080	16.0	70	560
2000	28.5	0.290	8,265	10.0	80	400
<b>NEW ENGLAND, excluding Rhode Island <sup>2/</sup></b>						
1991	172.0	0.279	48,073	51.0	196	4,997
1992	205.0	0.201	41,185	81.0	135	5,453
1993	167.0	0.230	38,390	41.0	180	3,700
1994	176.0	0.236	41,515	43.0	172	3,696
1995	168.5	0.258	43,425	60.0	162	4,860
1996	156.0	0.279	43,510	62.0	204	6,321
1997	170.5	0.274	46,640	62.0	168	5,205
1998	107.0	0.327	34,973	35.0	100	1,742
1999	161.0	0.315	50,718	73.0	73	2,658
2000	125.0	0.335	41,820	44.0	87	1,917

<sup>1/</sup> Apple production from commercial orchards of 100 or more trees

<sup>2/</sup> New England includes CT, ME, MA, NH, VT; Rhode Island is not published to avoid disclosure of individual operations.