



MAPLE SYRUP

NEW ENGLAND (excluding Rhode Island): In New England, maple syrup production for 2001 totaled 563,000 gallons, down 32 percent from last year. This was the smallest maple syrup crop produced in the region since 1993. Vermont remained the largest producing state in New England and the nation, with 49 percent of the region's production and 26 percent of the total United States syrup.

In the five New England states, the 2001 maple season was rated too cold for optimum production. Output from all states, except Connecticut, fell below the previous year. Temperatures were reported to be 58 percent too cold, 31 percent favorable, and 22 percent too warm, reducing yields in Maine, New Hampshire and Vermont. Most reports indicated that there was too much snow to gather sap. The sugar content of the sap was slightly above average, requiring approximately 39 gallons of sap to produce a gallon of syrup. The majority of the syrup produced was medium-amber in color, with an even amount of light and dark syrup produced. Opening dates for each state averaged as follows: Connecticut - February 22, Massachusetts - March 9, New Hampshire - March 15, Vermont - March 17, and Maine - March 19. Average closing dates were: Connecticut - March 29, Massachusetts - April 6, New Hampshire - April 9, Maine - April 13, and Vermont - April 14.

The preliminary value of New England's 2001 maple syrup crop, based on grower expectations for the five states surveyed, is \$15.1 million, a 31 percent reduction from the 2000 total value of \$22.0 million. The preliminary average equivalent price per gallon for New England syrup across retail, wholesale and bulk markets is \$26.85, 1 percent higher than the 2000 final price.

2000 PRICES AND SALES: Across New England, the average equivalent price per gallon for 2000 maple syrup varied widely depending on the percentage sold retail, wholesale or bulk. The 2000 all sales equivalent increased \$1.10 in Connecticut to \$43.90, \$0.70 in New Hampshire to \$38.10, and \$1.00 in Vermont to \$30.00. The all sales equivalent decreased \$5.20 in Maine to \$14.20 and \$1.00 in Massachusetts to \$37.80. As expected, Maine continues to

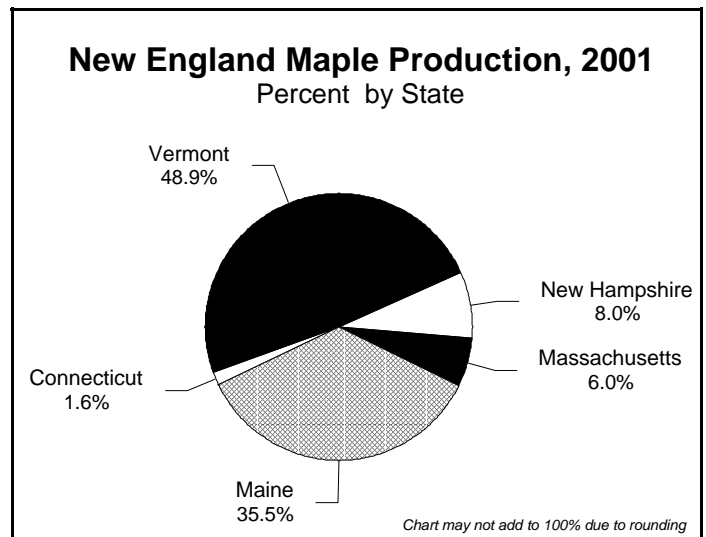
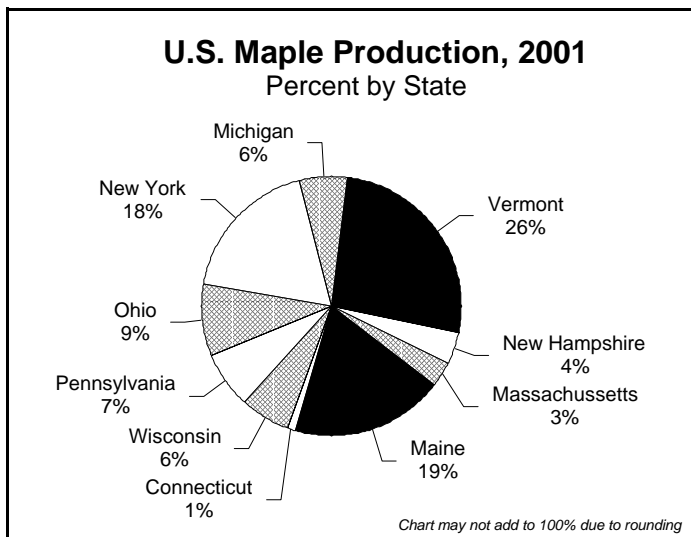
have a low gallon equivalent price due to the large percentage of bulk sales. From 1999 to 2000, the drop in price for Maine was extreme, due to an overabundance of syrup in Quebec which influenced the Maine bulk syrup market. New England's 2000 gallon equivalent price of \$26.46 reflects a slight decrease from the 1999 price of \$27.90.

UNITED STATES: U.S. maple syrup production in 2001 totaled 1.05 million gallons, down 15 percent from last year and 12 percent below 1999. The preliminary value of production was placed at \$28.2 million, a decrease of 17 percent from 2000 and a decrease of 14 percent from 1999. The U.S. estimate consists of the ten major producing states.

Vermont led the U.S. in production with 275,000 gallons of syrup, a decrease of 40 percent from last season. Maine's production, at 200,000 gallons, decreased 20 percent from 2000. New York was the third leading state with production of 193,000 gallons, down 8 percent from last year. Production declines in these three States were attributed to very cold temperatures which limited good sap flow and syrup production. Ohio produced 96,000 gallons, almost triple last year's estimate of 34,000 gallons. Temperatures in Ohio were mostly favorable with warm days and cold nights enhancing sap flow.

Temperatures were generally favorable for good sap flow and syrup production in Connecticut, Michigan, Ohio, and Pennsylvania. In all other producing States, temperatures were unfavorable. Overall, the season lasted an average of 29 days. This compares to 27 days in 2000 and 31 days in 1999. Season length ranged from 25 days in both Maine and New Hampshire to 35 days in Connecticut.

Sugar content of the sap was better than the previous year as approximately 41 gallons of sap was required to produce a gallon of syrup. This is in contrast with 46 gallons of sap to produce one gallon of syrup in 2000. The majority of the syrup produced was medium-amber in color. More light syrup was produced than a year ago.



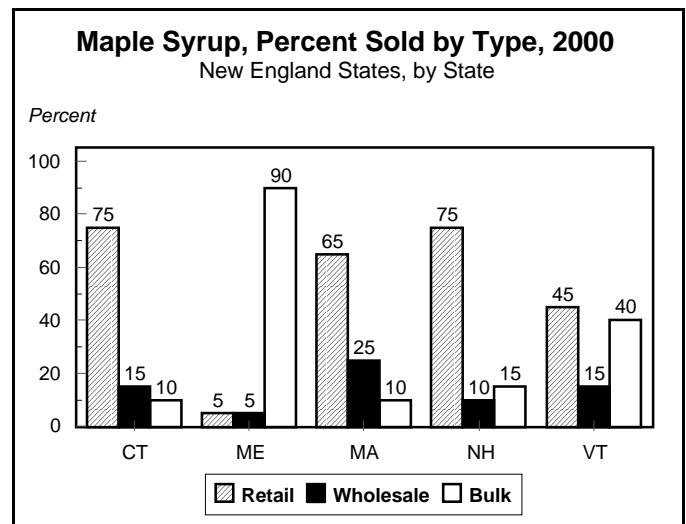
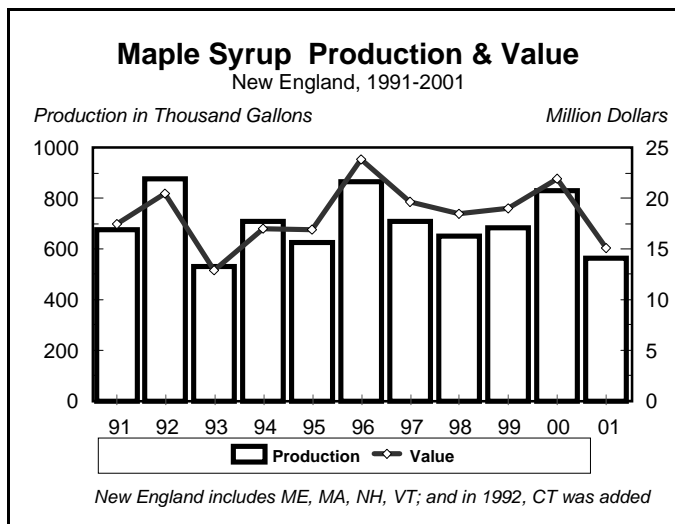
MAPLE SYRUP: Production, Price and Value, 1992 - 2001

STATE & YEAR	Production	Average Gallon Equivalent Price from All Sales ^{1/}	Value of Production
	1,000 Gallons	Dollars	1,000 Dollars
Connecticut			
1992	12	42.00	504
1993	10	43.20	432
1994	11	42.80	471
1995	7	40.20	281
1996	10	42.70	427
1997	9	41.70	375
1998	9	41.10	370
1999	13	42.80	556
2000	7	43.90	307
2001 ^{2/}	9	45.00	405
Maine			
1992	153	15.90	2,433
1993	113	14.30	1,616
1994	150	14.30	2,145
1995	162	18.30	2,965
1996	167	21.90	3,657
1997	185	19.80	3,663
1998	170	20.60	3,502
1999	195	19.40	3,783
2000	250	14.20	3,550
2001 ^{2/}	200	15.00	3,000
Massachusetts			
1992	50	34.80	1,740
1993	33	33.70	1,112
1994	40	36.40	1,456
1995	29	38.10	1,105
1996	49	38.90	1,906
1997	44	37.20	1,637
1998	47	36.20	1,701
1999	44	38.80	1,707
2000	39	37.80	1,474
2001 ^{2/}	34	38.00	1,292

STATE & YEAR	Production	Average Gallon Equivalent Price from All Sales ^{1/}	Value of Production
	1,000 Gallons	Dollars	1,000 Dollars
New Hampshire			
1992	94	32.90	3,093
1993	66	35.50	2,343
1994	73	34.80	2,540
1995	64	37.70	2,413
1996	89	37.20	3,311
1997	76	40.20	3,055
1998	67	36.20	2,425
1999	61	37.40	2,281
2000	75	38.10	2,858
2001 ^{2/}	45	39.00	1,755
Vermont			
1992	570	22.30	12,711
1993	310	24.00	7,440
1994	435	23.90	10,397
1995	365	27.80	10,147
1996	550	26.50	14,575
1997	395	27.60	10,902
1998	360	29.00	10,440
1999	370	29.00	10,730
2000	460	30.00	13,800
2001 ^{2/}	275	31.50	8,663
New England			
1992	879	23.30	20,481
1993	532	24.33	12,943
1994	709	23.99	17,009
1995	627	26.97	16,911
1996	865	27.60	23,876
1997	709	27.69	19,632
1998	653	28.24	18,438
1999	683	27.90	19,057
2000	831	26.46	21,989
2001 ^{2/}	563	26.85	15,115

^{1/} Average gallon equivalent price is a weighted average across retail, wholesale, and bulk sales. This price is lower for states, such as Maine, with more wholesale and bulk sales.

^{2/} 2001 price and value are preliminary based on grower expectations during April and May 2001.



MAPLE SYRUP: Prices by Type of Sales and Size of Container, 1992 - 2001^{1/}

STATE & YEAR	Retail						Wholesale						Bulk					All Sales gallon equiv price ^{2/}
	Gal	½ Gal	Qt	Pt	½ Pt	3.4 oz (100 ml)	Gal	½ Gal	Qt	Pt	½ Pt	3.4 oz (100 ml)	Grade A			Grade B & C	All Grades	
													light amber	med amber	dark amber			
Dollars Per Container												Dollars Per Pound ^{3/}					Dollars	
Connecticut																		
1992	33.20	19.60	10.20	6.30	4.00		--	15.70	9.20	5.10	3.05		--	--	--	--	42.00	
1993	33.80	19.50	10.90	6.55	4.25		--	16.20	8.40	5.00	3.20		--	--	--	--	43.20	
1994	33.90	19.60	10.80	6.55	4.10		--	17.20	9.40	5.50	3.20		--	--	--	--	42.80	
1995	35.00	19.60	11.10	6.00	4.20		--	14.80	8.10	4.85	3.60		--	--	--	--	40.20	
1996	35.40	20.50	11.00	6.95	4.25		--	17.40	8.85	6.50	3.20		--	--	--	--	42.70	
1997	34.40	19.90	11.80	6.90	4.20		34.30	17.40	8.90	5.10	3.15		1.60	1.50	1.72	1.25	41.70	
1998	34.30	19.60	11.40	7.10	4.65		33.90	18.20	10.10	5.60	3.65		1.60	1.83	1.60	1.38	41.10	
1999	36.40	20.60	12.00	7.00	4.70	2.25	30.20	16.90	9.10	5.30	3.45	1.55	--	1.81	1.48	1.27	1.40	42.80
2000	36.70	20.10	11.70	7.30	4.60	2.50	--	18.00	9.10	5.60	3.50	1.70	--	--	--	--	1.10	43.90
2001 ^{4/}	37.50	21.20	12.10	7.40	4.50	2.40	--	16.90	9.10	5.50	3.40	1.70	--	--	--	--	--	45.00
Maine																		
1992	31.60	17.90	9.75	5.50	3.55		19.40	14.00	7.85	4.20	2.60		1.30	1.20	1.10	0.95	15.90	
1993	31.30	17.00	9.40	5.50	3.15		22.60	13.30	7.10	4.20	2.50		--	1.30	1.10	0.95	14.30	
1994	32.40	17.60	9.75	5.80	3.80		25.40	16.20	7.05	4.25	2.55		1.25	1.20	1.10	0.90	14.30	
1995	30.20	16.90	9.45	5.45	3.60		25.80	13.60	7.05	4.30	2.70		1.55	1.50	1.40	1.25	18.30	
1996	32.30	17.50	9.35	5.55	3.70		25.40	13.60	7.50	4.50	2.80		1.60	1.50	1.40	1.55	21.90	
1997	31.80	16.70	9.25	5.35	3.85		27.80	14.50	8.30	5.00	3.15		1.50	1.40	1.30	1.30	19.80	
1998	33.30	17.70	10.00	5.85	4.15		26.10	15.90	8.55	4.90	3.60		1.59	1.54	1.49	1.41	20.60	
1999	29.00	15.70	9.50	5.50	3.70	2.15	26.80	14.50	8.00	4.70	3.65	1.55	1.50	1.46	1.40	1.32	1.45	19.40
2000	31.60	17.90	10.00	6.20	4.50	2.30	24.50	13.20	7.50	4.60	3.50	--	1.16	1.06	0.99	0.79	1.00	14.20
2001 ^{4/}	32.20	18.10	10.70	6.90	4.50	2.40	26.50	14.40	7.80	4.70	3.50	--	1.18	1.11	1.00	0.84	1.07	15.00
Massachusetts																		
1992	32.40	18.70	10.80	6.40	3.75		21.90	17.60	8.50	5.10	2.90		1.20	1.15	1.05	1.00	34.80	
1993	31.40	17.60	10.10	6.25	4.15		24.90	14.80	8.10	4.85	2.80		1.55	1.35	1.20	1.00	33.70	
1994	32.50	18.30	10.70	6.35	3.95		25.60	15.10	8.40	4.60	2.80		1.55	1.30	1.40	0.95	36.40	
1995	30.10	17.80	10.50	6.40	4.15		23.50	14.70	8.15	4.75	2.75		1.85	1.60	1.30	1.20	38.10	
1996	32.40	18.30	10.60	6.65	4.05		25.70	16.00	8.60	5.05	3.25		1.67	1.63	1.32	1.34	38.90	
1997	31.60	18.50	10.70	6.55	4.35		25.20	16.20	8.80	5.30	3.20		1.61	1.68	1.50	1.23	37.20	
1998	31.90	18.60	11.20	6.30	5.05		26.40	15.40	8.30	5.05	3.05		2.25	1.83	2.20	1.24	36.20	
1999	34.20	20.00	11.40	6.50	4.15	2.40	26.90	15.40	8.50	4.65	3.00	1.40	1.97	1.53	1.43	1.19	1.50	38.80
2000	33.90	19.20	11.20	6.70	4.10	2.10	28.60	15.70	9.00	5.10	3.00	1.50	1.62	1.50	1.32	1.16	1.30	37.80
2001 ^{4/}	34.30	19.40	11.30	6.70	4.10	1.90	28.80	16.10	9.00	5.20	3.30	--	--	--	--	--	--	38.00
New Hampshire																		
1992	31.40	18.00	10.80	6.30	3.70		21.70	12.30	6.85	4.10	2.90		1.25	1.15	1.10	1.00	32.90	
1993	31.00	17.20	10.40	6.10	3.60		23.00	14.10	8.20	4.60	2.75		1.65	1.50	1.25	1.00	35.50	
1994	30.10	17.60	10.40	6.40	3.70		23.30	13.30	7.60	4.45	2.60		1.45	1.30	1.25	1.00	34.80	
1995	31.20	17.80	10.40	6.25	3.70		25.50	14.70	7.75	4.55	2.75		2.00	1.40	1.50	1.05	37.70	
1996	32.10	17.80	10.50	6.20	3.80		24.90	14.80	8.40	4.90	3.10		1.84	1.62	1.34	1.18	37.20	
1997	33.10	19.10	10.90	6.45	3.70		25.60	15.50	8.55	5.40	2.90		1.72	1.57	1.40	1.28	40.20	
1998	30.90	17.70	10.80	6.50	3.85		27.60	15.60	8.20	4.95	3.10		1.95	1.81	1.46	1.38	36.20	
1999	33.50	19.00	11.20	6.50	4.00	2.25	29.40	15.70	8.60	5.00	3.00	2.10	1.91	1.72	1.58	1.20	1.55	37.40
2000	33.90	18.80	11.30	6.60	3.90	2.60	23.70	15.50	8.30	4.90	2.90	2.40	1.92	1.72	1.42	0.95	1.40	38.10
2001 ^{4/}	34.10	19.60	11.30	6.70	3.90	2.60	24.40	15.60	9.10	4.90	2.80	2.20	--	1.81	1.41	0.87	--	39.00
Vermont																		
1992	26.70	16.00	9.50	6.00	3.70		21.80	13.40	7.15	4.65	2.75		1.20	1.15	1.10	1.05	22.30	
1993	26.60	16.00	9.50	5.90	3.85		20.40	13.80	7.85	4.55	2.90		1.55	1.40	1.25	1.05	24.00	
1994	26.90	15.50	9.40	5.90	3.75		21.90	13.00	7.50	4.50	2.85		1.40	1.30	1.15	1.10	23.90	
1995	28.80	16.90	10.40	6.45	4.20		24.00	13.60	7.95	4.65	3.10		1.80	1.50	1.40	1.30	27.80	
1996	28.30	16.50	10.10	6.15	4.20		24.30	13.90	8.10	4.80	3.05		1.79	1.56	1.39	1.25	26.50	
1997	28.30	17.00	10.00	6.25	4.05		24.70	14.50	8.20	4.55	3.10		1.76	1.62	1.48	1.39	27.60	
1998	29.80	17.60	10.30	6.35	4.45		26.80	15.50	8.60	5.00	3.05		1.91	1.80	1.67	1.55	29.00	
1999	30.70	18.10	10.50	6.70	4.30	2.55	25.40	15.40	8.60	5.15	3.25	2.95	1.95	1.84	1.70	1.48	1.80	29.00
2000	31.60	18.00	10.50	6.60	4.30	2.60	26.40	15.30	8.60	5.10	3.40	--	1.83	1.70	1.53	1.30	1.60	30.00
2001 ^{4/}	33.20	18.90	11.10	7.00	4.50	2.80	27.90	16.50	9.40	5.30	3.50	--	2.08	1.91	1.64	1.37	1.85	31.50

^{1/} Dashes in table indicate data not published to prevent disclosure of individual operations.^{2/} Average gallon equivalent price is a weighted average across retail, wholesale, and bulk sales. This price is lower for states, such as Maine, with more wholesale and bulk sales.^{3/} For dollars per gallon: multiply dollars per pound by 11.02 pounds of maple syrup per gallon.^{4/} 2001 data is preliminary and weighted based on 2000 container sales.