

MAPLE SYRUP

UNITED STATES: The 2005 United States maple syrup production totaled 1.24 million gallons, down 18 Percent from 2004. The number of taps was estimated at 7.10 million, up two percent from the 2004 total of 6.96 million, while the yield per tap was estimated to be 0.175 gallons, down 19 percent from 2004.

Vermont led all States in production with 410,000 gallons, a decrease of 18 percent from last season. Maine's production, at 265,000 gallons, decreased 9 percent from 2004. Production in New York at 222,000 gallons, is 13 percent below 2004. Production is down 50 percent in Wisconsin, 31 percent in New Hampshire, 27 percent in Michigan, 20 percent in Massachusetts, 12 percent in Ohio, and 9 percent in Connecticut from last season. Pennsylvania, the only State with increased production, is up 2 percent from 2004. An increase in taps in most States was more than offset by a decrease in yield causing production to decline.

Temperatures in the maple producing States were generally unfavorable for good sap flow and syrup production in 2005. Most of these States experienced weather that was too cold for sap flow. On average, the season lasted approximately 24 days in 2005 compared to 30 in 2004. Pennsylvania had the earliest sap flow in 2005 with an approximate season opening day of January 20. New York had the latest sap flow in 2005 with an approximate season ending date of May 1.

Sugar content of the sap for 2005 was higher than last year. Approximately 40 gallons of sap was required to produce one gallon of syrup. This compares with 42 gallons in 2004 and 41 gallons in 2003. More light syrup was produced than last year but overall most syrup produced was of medium color.

The 2004 United States average price per gallon was \$28.40, up \$0.10 from the 2003 price of \$28.30. The United States value of production, at \$42.8 million for 2004, was 20 percent above 2003. The average price per gallon increased in Connecticut, Massachusetts, Michigan, New York, Pennsylvania, and Wisconsin, with

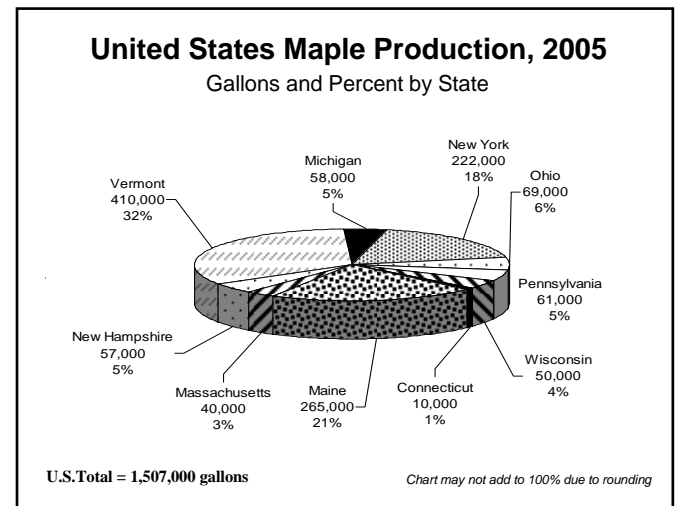
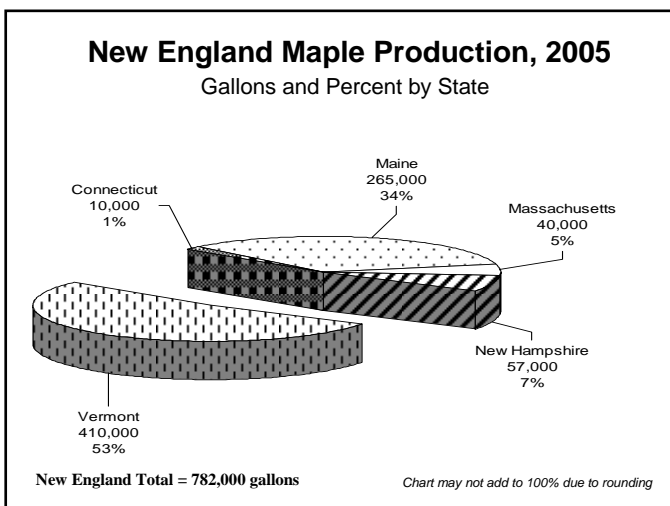
Maine, New Hampshire, Ohio, and Vermont showing price decreases.

NEW ENGLAND (excluding Rhode Island): In New England maple syrup production for 2005 totaled 782,000, down 16 percent from last year. Vermont remained the largest producing State in New England and the Nation, with 33 percent of the Nation's maple syrup. Taps in New England totaled 4.1 million, up 1.0 percent from last year and making up 58 percent of the Nation's maple taps.

The 2005 maple season was rated too cool in temperature, causing production decreases in all five New England states. Temperatures were reported at 57 percent too cool, 22 percent too warm, and 21 percent favorable. The season started late because it was too cold and then warmed up too fast. Earliest dates for each State were as follows: New Hampshire – February 1, Connecticut and Massachusetts – February 2, Vermont – February 4, and Maine – February 14. Latest closing dates were Connecticut – April 15, Massachusetts – April 19, New Hampshire – April 23, Maine – April 29, and Vermont – April 30. The sugar content of the sap was average, requiring 40 gallons of sap to produce a gallon of syrup. The majority of the syrup produced was medium amber followed by light amber and then dark syrup.

2004 PRICES AND SALES: Across New England, the average equivalent price per gallon for 2004 maple syrup varied widely depending on the percentage sold retail, wholesale, or bulk. The 2004 all sales equivalent price increased \$3.10 in Connecticut to \$51.70 and \$4.40 in Massachusetts to \$46.30. The price dropped \$3.10 in Maine to \$19.40, \$7.60 in New Hampshire to \$35.40, and \$0.50 in Vermont to \$27.30. Maine's price continues to be lower than the other States due to the high percentage of bulk sales within that State. New England's 2004 gallon equivalent price of \$26.87 reflects a decrease of \$1.09 from the 2003 price of \$27.96

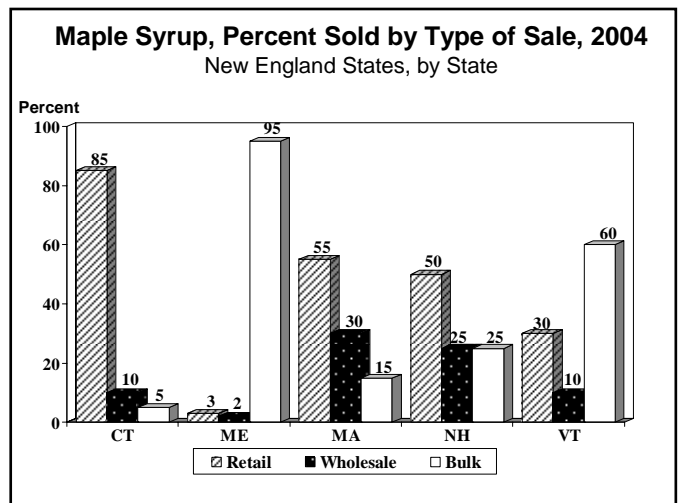
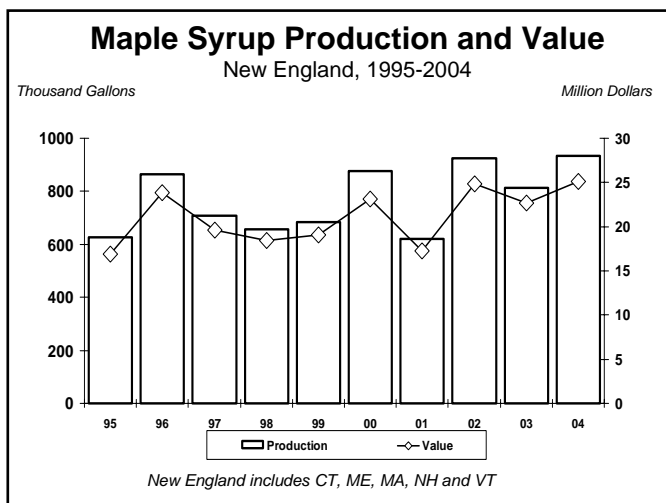
See table of page 4 for retail prices by State.



MAPLE SYRUP: Production, Price, and Value, 1995 - 2004

State and Year	Production	Taps	Yield per Tap	Average Gallon Equivalent Price of All Sales ^{1/}	Value of Production	State and Year	Production	Taps	Yield per Tap	Average Gallon Equivalent Price of All Sales ^{1/}	Value of Production
	1,000 Gallons	1,000 Taps	Gallons	Dollars	1,000 Dollars		1,000 Gallons	1,000 Taps	Gallons	Dollars	1,000 Dollars
Connecticut						New Hampshire					
1995	7	2/	2/	40.2	281	1995	64	2/	2/	38.00	2,432
1996	10	2/	2/	42.7	427	1996	89	2/	2/	37.20	3,311
1997	9	2/	2/	41.7	375	1997	76	2/	2/	40.20	3,055
1998	9	2/	2/	41.1	370	1998	70	2/	2/	36.20	2,534
1999	14	2/	2/	42.8	599	1999	63	2/	2/	37.40	2,356
2000	7	57	0.123	43.9	307	2000	80	380	0.211	38.10	3,048
2001	10	57	0.175	45.7	457	2001	50	350	0.143	40.00	2,000
2002	10	62	0.161	47.2	472	2002	83	380	0.218	41.10	3,411
2003	10	62	0.161	48.6	486	2003	60	350	0.171	43.00	2,589
2004	11	62	0.177	4/	4/	2004	83	360	0.231	4/	4/
Maine						Vermont					
1995	162	2/	2/	18.3	2,965	1995	365	2/	2/	27.80	10,147
1996	167	2/	2/	20.1	3,357	1996	550	2/	2/	26.50	14,575
1997	185	2/	2/	19.8	3,663	1997	395	2/	2/	27.60	10,902
1998	150	2/	2/	20.6	3,090	1998	375	2/	2/	29.00	10,875
1999	190	2/	2/	19.4	3,686	1999	370	2/	2/	29.00	10,730
2000	270	1,275	0.212	14.2	3,834	2000	480	2,170	0.221	30.00	14,400
2001	232	1,280	0.181	18.7	4,338	2001	290	2,100	0.138	30.80	8,932
2002	275	1,280	0.215	19.4	5,335	2002	510	2,180	0.234	27.00	13,770
2003	285	1,295	0.220	22.5	6,413	2003	420	2,030	0.207	27.80	11,676
2004	290	1,290	0.225	4/	4/	2004	500	2,100	0.238	4/	4/
Massachusetts						New England ^{3/}					
1995	29	2/	2/	38.10	1,105	1995	627	2/	2/	27.00	16,930
1996	49	2/	2/	38.90	1,906	1996	865	2/	2/	27.26	23,576
1997	44	2/	2/	37.20	1,637	1997	709	2/	2/	27.69	19,632
1998	52	2/	2/	36.20	1,882	1998	656	2/	2/	28.58	18,751
1999	47	2/	2/	38.80	1,824	1999	684	2/	2/	28.06	19,195
2000	41	255	0.161	37.80	1,550	2000	878	4,137	0.212	26.35	23,139
2001	37	215	0.172	40.60	1,502	2001	619	4,002	0.155	27.83	17,229
2002	48	230	0.209	39.50	1,896	2002	926	4,132	0.224	26.87	24,884
2003	37	220	0.168	41.90	1,550	2003	812	3,957	0.205	27.96	22,705
2004	50	235	0.213	4/	4/	2004	934	4,047	0.231	4/	4/

^{1/} Average gallon equivalent price in United States dollars is a weighted average retail, wholesale, and bulk sales. This price is lower for states, such as Maine, with more wholesale and bulk sales. **The average gallon equivalent price is not the average retail price paid for a gallon of syrup – see page 60 for retail gallon average prices.**
^{2/} Data series started in 2000.
^{3/} New England includes Connecticut, Maine, Massachusetts, New Hampshire, and Vermont
^{4/} Price and value for 2004 are not available until June, 2005.



MAPLE SYRUP: Retail and Wholesale Prices and Size of Containers, 2002 - 2004

State and Year	Retail								Wholesale						
	Gal.	Half Gal.	Quart	Pint	Half Pint	3.4 oz.	8.5 oz.	12 oz.	Gal.	Half Gal.	Quart	Pint	Half Pint	3.4 oz.	8.5 oz.
						(100 ml)	(100 ml)	(355 ml)						(100 ml)	(250 ml)
Dollars									Dollars						
Connecticut															
2002	37.50	21.20	11.80	7.30	4.60	2.60	7.50	1/	30.30	16.80	9.20	5.20	3.40	1.50	1/
2003	36.90	21.00	12.30	7.50	4.70	3.00	8.10	1/	31.30	16.70	9.00	5.30	3.00	1.50	1/
2004	39.10	22.20	13.50	8.40	5.20	3.00	8.60	N/A	33.30	16.40	9.00	5.30	3.50	2.30	1/
Maine															
2002	34.00	18.60	10.50	6.50	4.20	2.00	5.70	8.40	28.20	16.80	8.40	4.80	3.00	1.70	5.30
2003	35.70	19.20	11.00	7.10	4.90	2.60	7.40	1/	28.50	16.90	8.30	4.90	2.90	1/	4.60
2004	36.60	19.90	10.60	6.50	4.40	2.70	7.80	8.20	29.00	15.90	8.60	4.70	3.30	2.60	5.70
Massachusetts															
2002	35.00	20.40	12.30	7.90	5.20	2.30	11.10	N/A	25.80	16.50	9.10	5.70	3.80	1.50	8.30
2003	35.00	20.10	12.10	7.50	5.00	2.40	1/	1/	27.20	16.80	9.20	5.60	3.40	1.90	1/
2004	34.80	19.70	11.70	7.00	4.00	3.30	8.50	10.20	29.20	16.60	9.00	5.50	3.40	2.10	7.40
New Hampshire															
2002	33.30	19.00	11.30	6.80	4.10	2.40	6.10	6.70	28.30	17.20	10.40	5.60	3.50	2.30	4.40
2003	34.60	20.10	11.80	7.20	4.20	3.10	8.40	1/	27.60	17.00	9.60	5.50	3.40	1.80	5.00
2004	34.30	19.50	11.20	7.00	4.10	3.20	8.30	1/	27.70	16.60	9.60	5.30	3.10	2.10	5.90
Vermont															
2002	31.40	18.20	11.30	7.10	4.50	2.50	7.20	7.50	25.00	16.20	9.30	5.40	3.40	2.10	4.90
2003	31.70	18.70	11.50	7.10	4.60	2.80	7.90	1/	27.80	17.10	9.60	5.80	3.60	2.10	6.00
2004	31.70	18.50	11.40	7.10	4.60	2.80	6.80	7.70	28.40	16.40	9.40	5.60	3.50	2.20	5.80
Michigan															
2002	31.00	17.50	10.10	6.00	4.10	2/	2/	2/	25.00	15.30	8.70	4.90	3.40	2/	2/
2003	33.10	18.60	10.10	6.10	4.40	2/	2/	2/	27.50	14.90	8.50	4.80	3.70	2/	2/
2004	32.70	19.10	10.60	6.20	3.90	2/	2/	2/	25.70	16.70	8.70	5.00	3.20	2/	2/
New York															
2002	29.70	17.70	9.90	6.50	4.20	2/	2/	2/	26.90	14.80	8.00	4.70	2.90	2/	2/
2003	30.20	17.80	10.40	6.50	4.30	2/	2/	2/	25.50	14.70	8.00	4.80	3.00	2/	2/
2004	32.20	17.80	10.50	6.50	3.90	2/	2/	2/	25.60	16.70	7.80	4.90	3.00	2/	2/
Ohio															
2002	29.80	17.80	10.20	6.30	4.10	2/	2/	2/	24.10	14.30	9.20	5.60	3.20	2/	2/
2003	29.40	17.40	10.20	7.10	4.30	2/	2/	2/	24.10	15.80	9.00	4.70	1/	2/	2/
2004	28.70	17.60	10.40	6.50	4.50	2/	2/	2/	26.80	14.20	8.00	4.80	3.30	2/	2/
Pennsylvania															
2002	29.10	16.50	9.70	5.70	3.60	2/	2/	2/	27.00	16.00	8.70	4.90	3.20	2/	2/
2003	28.80	17.50	10.00	6.00	3.80	2/	2/	2/	27.20	15.70	8.30	4.80	2.90	2/	2/
2004	29.50	17.10	10.00	6.00	3.90	2/	2/	2/	26.00	14.20	8.20	5.00	3.50	2/	2/
Wisconsin															
2002	27.80	15.50	8.50	5.30	3.30	2/	2/	2/	26.40	14.50	7.90	4.50	2.80	2/	2/
2003	28.40	15.30	8.30	4.95	3.15	2/	2/	2/	27.70	15.20	8.30	4.50	2.85	2/	2/
2004	28.60	16.10	8.70	5.30	3.50	2/	2/	2/	26.00	15.20	8.30	5.40	3.00	2/	2/

^{1/} Data not published to avoid disclosing individual operations.^{2/} Only available in New England States.SOURCE: *Crop Production*, 8:30 a.m., June 10, 2005, National Agricultural Statistics Service, USDA

MAPLE SYRUP: Bulk Prices by Grade, 2002 - 2004

State and Year	Bulk					All Sales Per Gallon Equivalent Price ^{1/}
	Grade A			Grades B and C	All Grades	
	Light Amber	Med. Amber	Dark Amber			
	Dollars Per Pound ^{2/}					Dollars
Connecticut						
2002	N/A	N/A	N/A	3/	3/	47.20
2003	N/A	N/A	N/A	3/	3/	48.60
2004	N/A	N/A	N/A	1.09	1.1	51.70
Maine						
2002	1.74	1.64	1.57	1.15	1.50	19.40
2003	1.76	1.70	1.63	1.18	1.60	22.50
2004	1.79	1.73	1.5	1.25	1.60	19.40
Massachusetts						
2002	1.91	1.78	1.54	1.03	1.50	39.50
2003	1.85	1.58	1.40	1.03	1.30	41.90
2004	2.00	1.86	1.52	1.12	1.50	46.30
New Hampshire						
2002	2.08	1.80	1.43	1.08	1.40	41.10
2003	1.87	1.71	1.40	1.03	1.40	43.00
2004	1.88	1.68	1.51	0.97	1.40	35.40
Vermont						
2002	2.02	1.81	1.55	1.27	1.70	27.00
2003	2.00	1.76	1.51	1.20	1.60	27.80
2004	1.90	1.74	1.54	1.23	1.60	27.30
Michigan						
2002	4/	4/	4/	4/	1.50	32.50
2003	4/	4/	4/	4/	1.90	31.20
2004	4/	4/	4/	4/	1.75	38.00
New York						
2002	4/	4/	4/	4/	1.30	26.30
2003	4/	4/	4/	4/	1.30	26.80
2004	4/	4/	4/	4/	1.40	28.20
Ohio						
2002	4/	4/	4/	4/	1.45	32.30
2003	4/	4/	4/	4/	1.60	35.10
2004	4/	4/	4/	4/	1.55	32.00
Pennsylvania						
2002	4/	4/	4/	4/	1.30	26.70
2003	4/	4/	4/	4/	1.05	27.40
2004	4/	4/	4/	4/	1.35	29.00
Wisconsin						
2002	4/	4/	4/	4/	1.40	29.30
2003	4/	4/	4/	4/	1.50	29.10
2004	4/	4/	4/	4/	1.50	32.30

^{1/} Average gallon equivalent price was a weighted average across retail, wholesale, and bulk sales.

^{2/} For dollars per gallon: multiply dollars per pound by 11.02 pounds per gallon.

^{3/} Data not published to avoid disclosing individual operations.

^{4/} Only available in New England States.

SOURCE: *Crop Production*, 8:30 a.m., June 10, 2005, National Agricultural Statistics Service, USDA.