

## MAPLE SYRUP

**UNITED STATES:** U.S. maple syrup production in 2007 totaled 1.26 million gallons, down 13 percent from 2006. The number of taps is estimated at 7.28 million, up less than one percent from the 2006 total of 7.26 million, while the yield per tap is estimated at 0.173 gallons, down 14 percent from the previous season.

Vermont led all States in production with 450,000 gallons, a decrease of two percent from 2006. Production in Maine, at 225,000 gallons, was down 25 percent from last season. Production in New York, at 224,000 gallons, was 11 percent below 2006. Production was down 25 percent in Massachusetts and Wisconsin, 23 percent in Michigan and Pennsylvania, 20 percent in Connecticut, six percent in New Hampshire, and four percent in Ohio. Decreased yields were the largest contributing factor to the lower production.

Temperatures were not favorable for sap flow in 2007 except in Ohio, where the majority of producers reported good weather. Producers in New England experienced conditions that were mostly too cold for sap flow.

The remaining states, Michigan, Ohio, New York, Pennsylvania and Wisconsin, experienced weather that was mostly too warm for sap flow. However, there were some extreme cold spells in many of these states that also hindered sap flow. On average, the season lasted 27 days compared with 28 days last year. New York reported the earliest season opening date of January 5. Maine reported the latest sap flow in 2007, with an approximate season ending date of May 7.

Sugar content of the sap for 2007 was down from the previous year. On average, approximately 45 gallons of sap were required to produce one gallon of syrup. This compares with 44 gallons in 2006 and 40 gallons in 2005.

The majority of the syrup produced in each state this year was medium to dark in color, except in Maine where most was reported as light in color.

The 2006 U.S. price per gallon averaged \$31.30, up \$1.40 from the 2005 price of \$29.90. The U.S. value of production, at \$45.3 million for 2006, was up 22 percent from a year earlier. Value of production increased in all States except Massachusetts.

**NEW ENGLAND (excluding Rhode Island):** New England's maple syrup production in 2007 totaled 773,000 gallons, down 12 percent from last year and the lowest production in the 5-state region since 2001. Vermont remained the largest producing state in New England and the U.S., with 36 percent of the nation's maple syrup. Taps in New England totaled 4.1 million, down fractionally from last year and accounted for 57 percent of the nation's maple taps.

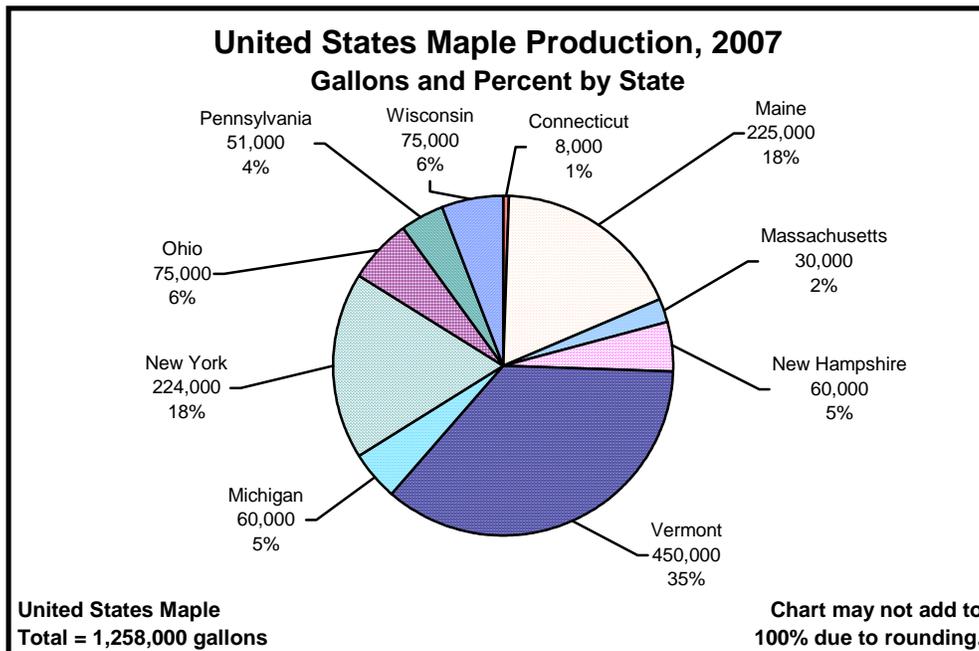
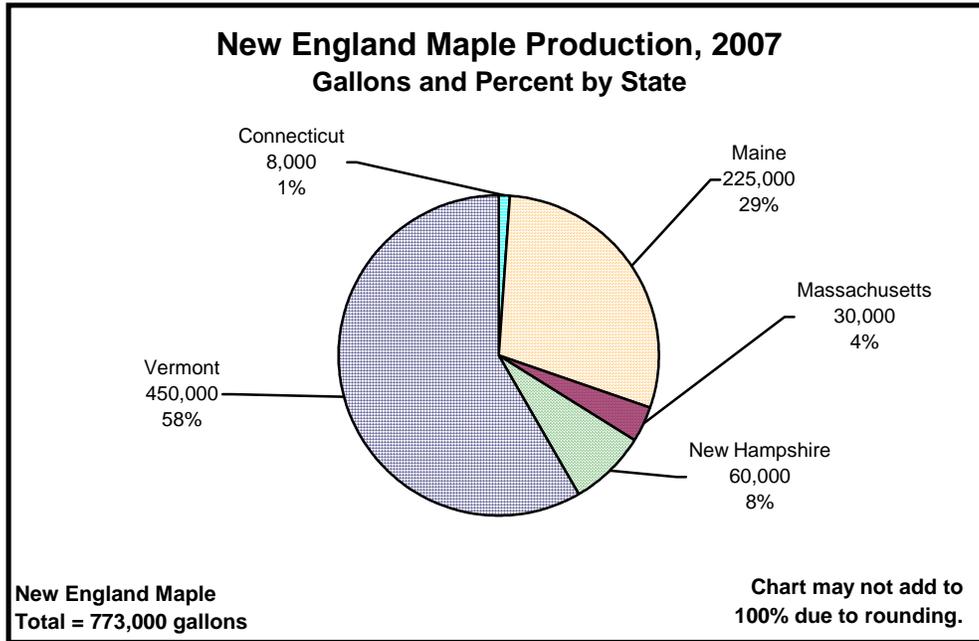


The 2007 maple season was rated mostly too cool in temperature, causing production decreases in all five New England states. Temperatures were reported 60 percent too cool, 21 percent too warm and 19 percent favorable. The season started late, with southern New England states reporting the latest start in twenty years. Weather was a contributing factor: December and January temperatures were above normal and many producers speculated that mild conditions caused the drop in production. February and March brought snow and frigid temperatures. Many operators reported when conditions were ideal, the sap was just not running. Operations with sugar bushes at higher elevations seemed to do the best in 2007, and once again, operations with vacuum systems had an advantage. By early April however, many operators in the southern states had decided to wrap the season up early. As temperatures began to rise at the end of April, the rest of the states followed suit.

Earliest opening dates for each state were as follows: Connecticut - February 5, New Hampshire and Vermont – February 15, and Maine and Massachusetts – February 20. Closing dates were Connecticut and New Hampshire – April 24, Vermont – April 30, Massachusetts – May 2, and Maine – May 7. The sugar content of the sap was below average, requiring approximately 45 gallons of sap to produce a gallon of syrup. The majority of syrup produced was dark amber followed by medium amber and then light amber.

**2006 PRICES AND SALES:** The average equivalent price per gallon for 2006 maple syrup varied widely across New England depending on the percentage sold retail, wholesale, or bulk. The 2006 all sales equivalent price per gallon in Connecticut averaged \$58.20, up \$8.20 per gallon; Maine averaged \$24.30, up \$2.80; New Hampshire averaged \$43.90, up \$2.60; and Vermont averaged \$30.20, up \$2.40. In

Massachusetts, the price averaged \$47.90, down \$3.30. Maine and Vermont's prices are lower than the other states because 92 percent of Maine's and 60 percent of Vermont's syrup was sold in bulk. Bulk prices continued to show increases in 2006. New England's 2006 gallon equivalent price of \$30.31 reflects an increase of \$2.18 from the 2005 price of \$28.13.



MAPLE SYRUP: Production, Price, and Value, 1998 – 2007

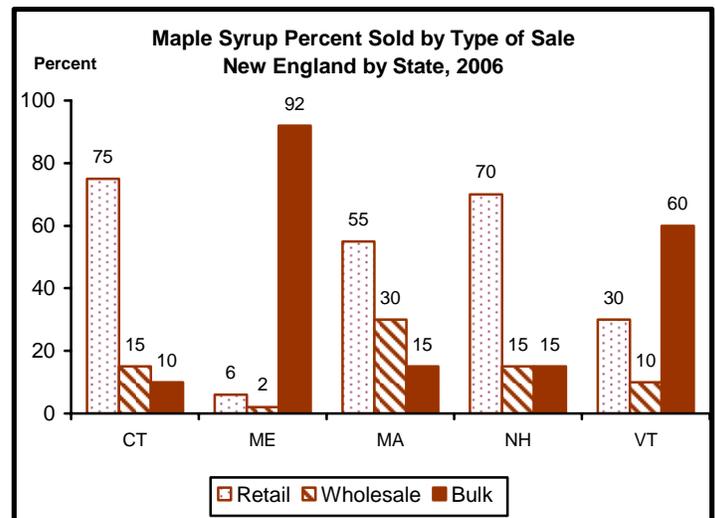
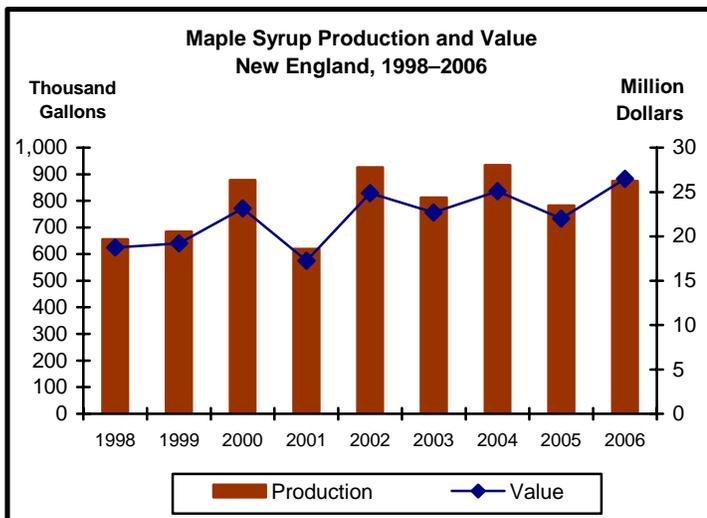
State and Year	Production	Taps <sup>1</sup>	Yield per Tap	Average Gallon Equivalent Price of All Sales <sup>2</sup>	Value of Production	State and Year	Production	Taps <sup>1</sup>	Yield per Tap	Average Gallon Equivalent Price of All Sales	Value of Production
	1,000 Gallons	1,000 Taps	Gallons	Dollars	1,000 Dollars		1,000 Gallons	1,000 Taps	Gallons	Dollars	1,000 Dollars
<b>Connecticut</b>						<b>New Hampshire</b>					
1998	9	n/a	n/a	41.10	370	1998	70	n/a	n/a	36.20	2,534
1999	14	n/a	n/a	42.80	599	1999	63	n/a	n/a	37.40	2,356
2000	7	57	0.123	43.90	307	2000	80	380	0.211	38.10	3,048
2001	10	57	0.175	45.70	457	2001	50	350	0.143	40.00	2,000
2002	10	62	0.161	47.20	472	2002	83	380	0.218	41.10	3,411
2003	10	62	0.161	48.60	486	2003	60	350	0.171	43.00	2,580
2004	11	62	0.177	51.70	569	2004	83	360	0.231	35.40	2,938
2005	10	63	0.159	50.00	500	2005	57	365	0.156	41.30	2,354
2006	10	61	0.164	58.20	582	2006	64	355	0.180	43.90	2,810
2007	8	59	0.136	*	*	2007	60	365	0.164	*	*
<b>Maine</b>						<b>Vermont</b>					
1998	150	n/a	n/a	20.60	3,090	1998	375	n/a	n/a	29.00	10,875
1999	190	n/a	n/a	19.40	3,686	1999	370	n/a	n/a	29.00	10,730
2000	270	1,275	0.212	14.20	3,834	2000	480	2,170	0.221	30.00	14,400
2001	232	1,280	0.181	18.70	4,338	2001	290	2,100	0.138	30.80	8,932
2002	275	1,280	0.215	19.40	5,335	2002	510	2,180	0.234	27.00	13,770
2003	285	1,295	0.220	22.50	6,413	2003	420	2,030	0.207	27.80	11,676
2004	290	1,290	0.225	19.40	5,626	2004	500	2,100	0.238	27.30	13,650
2005	265	1,300	0.204	21.50	5,698	2005	410	2,140	0.192	27.80	11,398
2006	300	1,315	0.228	24.30	7,290	2006	460	2,170	0.212	30.20	13,892
2007	225	1,310	0.172	*	*	2007	450	2,170	0.207	*	*
<b>Massachusetts</b>						<b>New England <sup>3</sup></b>					
1998	52	n/a	n/a	36.20	1,882	1998	656	n/a	n/a	28.58	18,751
1999	47	n/a	n/a	38.80	1,824	1999	684	n/a	n/a	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	46.30	2,315	2004	934	4,047	0.231	26.87	25,098
2005	40	240	0.167	51.20	2,048	2005	782	4,108	0.190	28.13	21,998
2006	40	245	0.163	47.90	1,916	2006	874	4,146	0.211	30.31	26,490
2007	30	230	0.130	*	*	2007	773	4,134	0.187	*	*

<sup>1</sup> Data series started in 2000.

<sup>2</sup> Average gallon equivalent price in United States dollars is a weighted average of retail, wholesale, and bulk sales. This price is lower for states - such as Maine and Vermont - with more wholesale and bulk sales. **The average gallon equivalent price is not the average retail price paid for a gallon of syrup.**

<sup>3</sup> New England includes Connecticut, Maine, Massachusetts, New Hampshire, and Vermont.

\* Price and value for 2007 available June 10, 2008.



## MAPLE SYRUP: Retail and Wholesale Prices and Size of Containers, 2004 – 2006

State and Year	Retail								Wholesale						
	Gallon	Half Gallon	Quart	Pint	Half Pint	3.4 oz. (100 ml)	8.5 oz. (250 ml)	12 oz. (355 ml)	Gallon	Half Gallon	Quart	Pint	Half Pint	3.4 oz. (100 ml)	8.5 oz. (250 ml)
	Dollars								Dollars						
<b>Connecticut</b>															
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	D
2005	39.30	23.00	13.30	8.20	4.70	3.50	9.30	n/a	34.10	17.00	10.30	5.30	4.00	2.10	D
2006	44.00	25.30	14.60	9.10	5.60	3.40	7.90	D	35.00	18.10	12.80	8.30	4.60	3.90	D
<b>Maine</b>															
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
2005	35.00	19.70	11.10	6.80	4.00	2.30	7.80	10.10	30.00	15.90	8.50	4.80	4.00	2.40	6.00
2006	39.80	20.20	11.00	6.40	4.50	2.80	6.20	8.70	31.30	15.90	8.60	4.90	3.10	2.70	5.80
<b>Massachusetts</b>															
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
2005	37.50	22.10	13.10	8.80	5.50	2.60	10.00	10.30	30.10	16.80	9.60	5.50	3.60	1.70	D
2006	38.10	21.90	13.30	9.30	6.20	3.60	9.40	D	28.40	16.00	10.40	6.00	3.80	3.00	D
<b>New Hampshire</b>															
2004	34.30	19.50	11.20	7.00	4.10	3.20	8.30	D	27.70	16.60	9.60	5.30	3.10	2.10	5.90
2005	36.60	21.10	12.10	7.30	4.70	2.90	7.60	9.30	30.00	17.10	9.90	5.70	3.30	2.10	5.20
2006	37.70	21.20	12.20	7.50	4.90	3.10	7.70	8.40	29.70	17.70	9.60	5.70	3.50	2.40	6.40
<b>Vermont</b>															
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
2005	32.30	19.60	11.60	7.40	4.90	2.90	6.40	7.70	27.60	16.70	9.50	5.40	3.40	1.70	4.10
2006	34.40	20.80	13.00	8.20	5.20	3.50	8.00	8.80	27.80	17.20	9.90	5.80	3.60	1.80	5.30
<b>Michigan</b>															
2004	32.70	19.10	10.60	6.20	3.90	*	*	*	25.70	16.70	8.70	5.00	3.20	*	*
2005	34.20	18.90	10.30	6.50	4.20	*	*	*	29.00	16.40	8.60	4.60	3.50	*	*
2006	34.10	18.30	10.90	6.50	4.50	*	*	*	26.60	17.30	9.10	5.30	3.10	*	*
<b>New York</b>															
2004	32.20	17.80	10.50	6.50	3.90	*	*	*	25.60	16.70	7.80	4.90	3.00	*	*
2005	32.50	18.80	11.10	6.90	4.40	*	*	*	26.50	16.10	8.80	5.20	3.20	*	*
2006	32.90	19.10	11.40	7.00	4.40	*	*	*	27.70	16.30	8.70	5.40	3.60	*	*
<b>Ohio</b>															
2004	28.70	17.60	10.40	6.50	4.50	*	*	*	26.80	14.20	8.00	4.80	3.30	*	*
2005	31.20	18.40	10.70	6.60	4.50	*	*	*	26.20	16.50	8.50	5.80	3.80	*	*
2006	31.50	19.00	11.10	6.70	4.50	*	*	*	25.10	15.40	8.90	5.50	3.60	*	*
<b>Pennsylvania</b>															
2004	29.50	17.10	10.00	6.00	3.90	*	*	*	26.00	14.20	8.20	5.00	3.50	*	*
2005	29.30	18.00	10.60	6.10	4.30	*	*	*	27.50	15.60	8.60	4.70	3.90	*	*
2006	30.80	19.00	11.20	6.75	3.65	*	*	*	29.00	16.70	8.95	5.20	3.50	*	*
<b>Wisconsin</b>															
2004	28.60	16.10	8.70	5.30	3.50	*	*	*	26.00	15.20	8.30	5.40	3.00	*	*
2005	30.60	16.80	9.10	5.70	4.20	*	*	*	33.00	17.10	9.10	5.30	3.00	*	*
2006	31.60	17.60	9.10	5.80	4.25	*	*	*	32.50	16.40	8.85	5.05	3.30	*	*

\* Data is only available for New England states.

D Data not published to avoid disclosing individual operations.

SOURCE: *Crop Production*, 8:30 a.m., June 11, 2007, National Agricultural Statistics Services, USDA

## MAPLE SYRUP: Bulk Prices by Grade and All Sales Gallon Equivalent Prices, 2004 – 2006

State and Year	Bulk					All Sales Per Gallon Equivalent Price <sup>1</sup>
	Grade A			Grades B and C	All Grades	
	Light Amber	Med. Amber	Dark Amber			
Dollars Per Pound <sup>2</sup>						Dollars
<b>Connecticut</b>						
2004	n/a	n/a	1.43	1.09	1.10	51.70
2005	D	D	D	D	D	50.00
2006	D	D	D	D	1.85	58.20
<b>Maine</b>						
2004	1.79	1.73	1.50	1.25	1.60	19.40
2005	1.95	1.90	1.81	1.49	1.90	21.50
2006	2.03	2.02	1.97	1.63	1.95	24.30
<b>Massachusetts</b>						
2004	2.00	1.86	1.52	1.12	1.50	46.30
2005	2.07	1.87	1.68	1.49	1.65	51.20
2006	2.11	2.08	1.86	1.49	1.80	47.90
<b>New Hampshire</b>						
2004	1.88	1.68	1.51	.97	1.40	35.40
2005	1.85	1.76	1.64	1.33	1.60	41.30
2006	2.15	1.89	1.85	1.58	1.85	43.90
<b>Vermont</b>						
2004	1.90	1.74	1.54	1.23	1.60	27.30
2005	1.94	1.80	1.64	1.34	1.70	27.80
2006	2.02	1.89	1.77	1.56	1.85	30.20
<b>Michigan</b>						
2004	*	*	*	*	1.75	38.00
2005	*	*	*	*	1.80	36.00
2006	*	*	*	*	1.80	37.00
<b>New York</b>						
2004	*	*	*	*	1.40	28.20
2005	*	*	*	*	1.70	31.70
2006	*	*	*	*	1.80	31.70
<b>Ohio</b>						
2004	*	*	*	*	1.55	32.00
2005	*	*	*	*	2.00	36.00
2006	*	*	*	*	1.85	34.00
<b>Pennsylvania</b>						
2004	*	*	*	*	1.35	29.00
2005	*	*	*	*	1.60	31.50
2006	*	*	*	*	1.60	32.50
<b>Wisconsin</b>						
2004	*	*	*	*	1.50	32.30
2005	*	*	*	*	1.70	32.40
2006	*	*	*	*	1.80	31.20

<sup>1</sup> Average gallon equivalent price in United States is a weighted average of retail, wholesale, and bulk sales.

<sup>2</sup> For dollars per gallon: multiply dollars per pound by 11.02 pounds per gallon.

\* Data is only available for New England states.

<sup>0</sup> Data is not published to avoid disclosing individual operations.

SOURCE: *Crop Production*, 8:30 a.m., June 11, 2007, National Agricultural Statistics Services, USDA