

MAPLE SYRUP

UNITED STATES: U.S. maple syrup production in 2008 totaled 1.91 million gallons, up 26 percent from 2007. The number of taps is estimated at 8.33 million, up 2 percent from the 2007 total of 8.18 million. Yield per tap is estimated at 0.230 gallons, up 24 percent from the previous season.

Vermont led all states in production with 710,000 gallons, an increase of 11 percent from 2007. Production in New York, at 328,000 gallons, increased 44 percent from last season. Production in Maine, at 240,000 gallons, is 4 percent below 2007. Production in Ohio, at 100,000 gallons, is up 59 percent from last year. In Michigan, production is estimated at 105,000 gallons, 62 percent above 2007. Production in Pennsylvania, at 100,000 gallons, is 82 percent above 2007. Production in Massachusetts, at 65,000 gallons, is up 63 percent from a year ago. In Connecticut, production is estimated at 19,000 gallons. Maine was the only state to show a reduction in maple syrup from the previous year. Fewer taps and a fractional reduction in yield per tap resulted in a four percent decline in production.

Temperatures were reported as mostly favorable for sap flow in 2008, except the northern regions of Maine and Vermont. Producers in Maine reported temperatures that were mostly too warm for sap flow while producers in Vermont reported temperatures that were mostly too cool. On average, the season lasted 30 days compared with 27 days last year. The longest season was reported in Connecticut at 40 days. The earliest reported sap collection was January 5 in New York. The latest reported sap collection was May 10 in Wisconsin. Sugar content of the sap for 2008 was up from the previous year. On average, approximately 39 gallons of sap were required to produce one gallon of syrup. This compares with 45 gallons in 2007 and 44 gallons in 2006. The majority of the syrup produced in each state this year was light to medium in color.

The 2007 U.S. average price per gallon averaged \$32.80, up \$1.80 from the 2006 price of \$31.00. The U.S. value of production, at \$49.8 million for 2007, was down 4 percent from 2006. Value of production decreased in all states except Ohio, New Hampshire and Wisconsin.

NEW ENGLAND (excluding Rhode Island): New England's maple syrup production in 2008 totaled 1,129,000 gallons, up 12 percent from last year. Vermont remained the largest producing state in New England and the Nation, with 37 percent of the Nation's maple syrup. Taps in New England totaled 5.0 million, up one percent from last year and accounted for 60 percent of the Nation's maple taps.



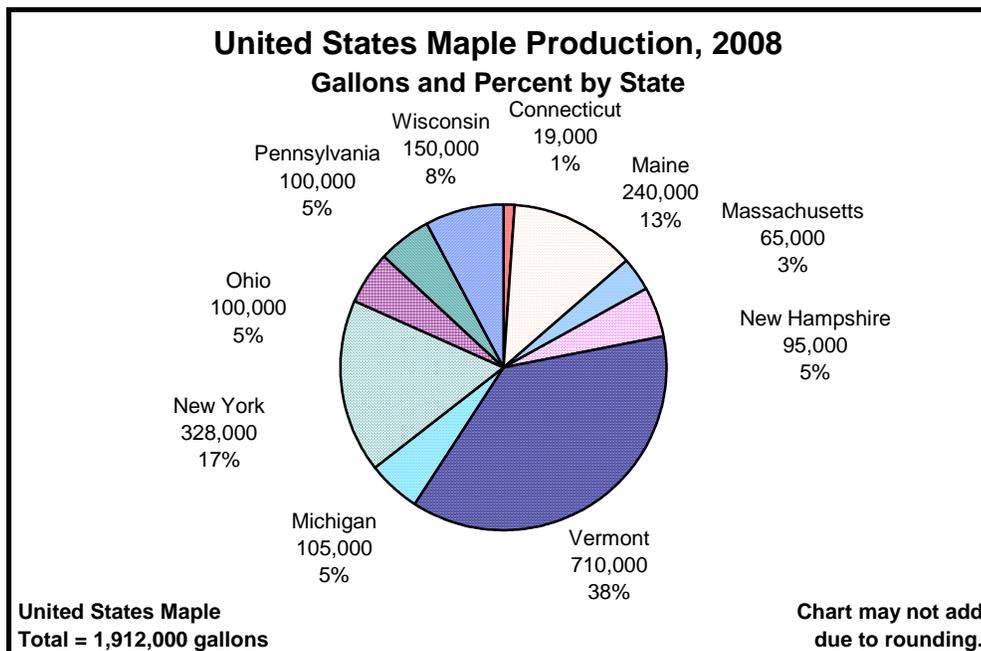
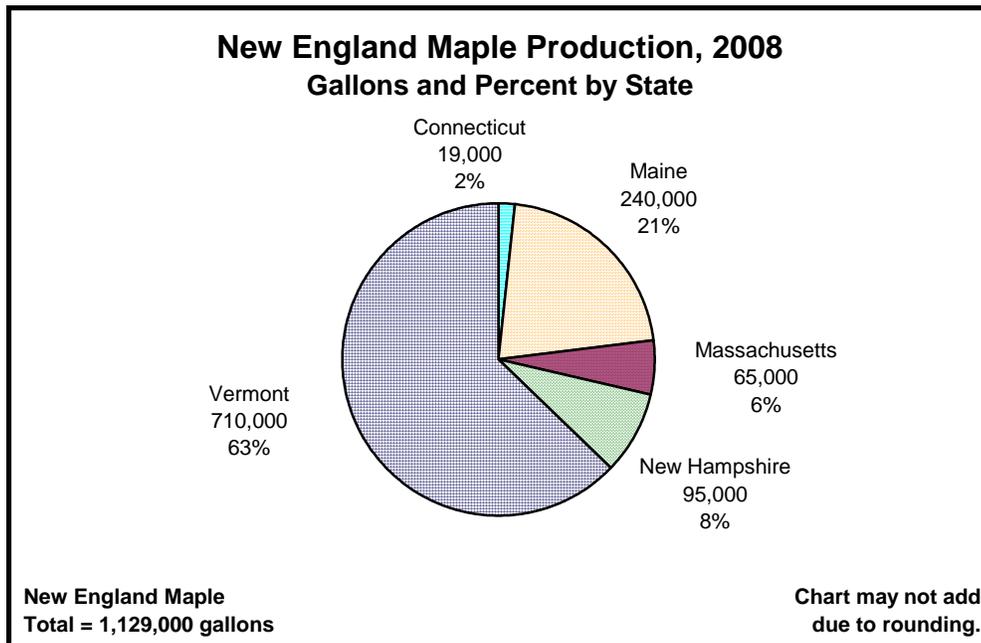
Photo Courtesy of Miller Farm, New Durham, NH

The 2008 maple season was rated mostly favorable in temperature, promoting production increases in four of the five New England states. Temperatures were reported 62 percent favorable, 24 percent too cool and 14 percent too warm. Record winter snowfall slowed the tapping process, but when the sap began to flow in January in the southern New England states, it didn't stop until the season was over in April. Many operations reported pulling their taps because of a shortage of firewood. New Hampshire, southern Vermont, and southern Maine producers experienced perfect weather and steady sap flows. Producers in northern Vermont and northern Maine had a less than favorable season, with frigid temperatures and deep snow interfering with sap flow and collection. When temperatures finally cooperated, producers had only two weeks to make syrup before conditions became too warm and the season ended.

Earliest dates for sap collection for each State were as follows: Connecticut – January 6, Vermont – January 22, Massachusetts – January 24, Maine – February 4, and New Hampshire – February 5. Closing dates for sap collection were as follows: Massachusetts – April 19, New Hampshire – April 26, Connecticut – April 28, and Maine and Vermont – May 4. The sugar content of the sap was above average, requiring approximately 39 gallons of sap to produce a gallon of syrup. The majority of syrup produced was medium amber followed by light amber and then dark amber.

2007 PRICES AND SALES: Across New England, the average equivalent price per gallon for 2007 maple syrup varied widely depending on the percentage sold retail, wholesale, or bulk. The 2007 all sales equivalent price per gallon in Connecticut averaged \$53.90, down \$4.30 per gallon. Maine averaged \$30.10, up \$5.80; New Hampshire averaged \$46.80, up \$2.90; and Vermont

averaged \$29.10, down \$1.10. In Massachusetts, the price averaged \$46.10, down \$1.80. Vermont and Maine's prices continue to be lower than the other states because of the high percentage of bulk sales sold in these states. Bulk prices continue to show increases in 2007. New England's 2007 gallon equivalent price of \$31.52 reflects an increase of \$1.45 from the 2006 price of \$30.07.



MAPLE SYRUP: Production, Price, and Value, 1999 – 2008

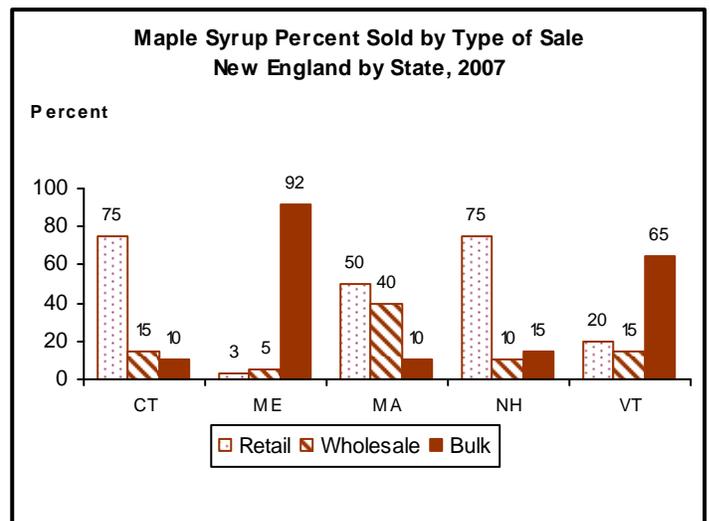
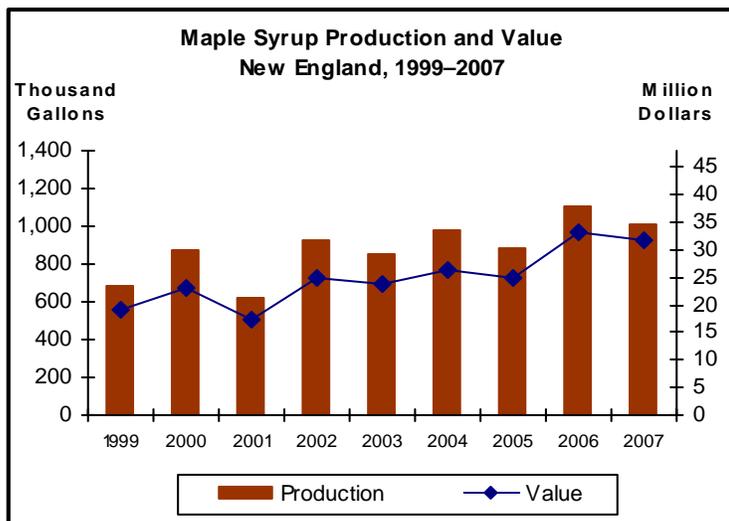
State and Year	Number of Taps ¹	Yield per Taps ¹	Production	Average Gallon Equivalent Price of All Sales ²	Value of Production	State and Year	Number of Taps ¹	Yield per Taps ¹	Production	Average Gallon Equivalent Price of All Sales ²	Value of Production
	1,000 Taps	Gallons	1,000 Gallons	Dollars	1,000 Dollars		1,000 Taps	Gallons	1,000 Gallons	Dollars	1,000 Dollars
Connecticut						New Hampshire					
1999	n/a	n/a	14	42.79	599	1999	n/a	n/a	63	37.40	2,356
2000	57	0.123	7	43.86	307	2000	380	0.211	80	38.10	3,048
2001	57	0.175	10	45.70	457	2001	350	0.143	50	40.00	2,000
2002	62	0.161	10	47.20	472	2002	380	0.218	83	41.10	3,411
2003	62	0.161	10	48.60	486	2003	350	0.171	60	43.00	2,580
2004	65	0.169	11	51.73	569	2004	360	0.231	83	35.40	2,938
2005	68	0.162	11	50.00	550	2005	365	0.156	57	41.30	2,354
2006	72	0.153	11	58.18	640	2006	375	0.171	64	43.91	2,810
2007	73	0.151	11	53.90	593	2007	400	0.175	70	46.80	3,276
2008	75	0.253	19	*	*	2008	395	0.241	95	*	*
Maine						Vermont					
1999	n/a	n/a	190	19.40	3,686	1999	n/a	n/a	370	29.00	10,730
2000	1,275	0.212	270	14.20	3,834	2000	2,170	0.221	480	30.00	14,400
2001	1,280	0.181	232	18.70	4,338	2001	2,100	0.138	290	30.80	8,932
2002	1,280	0.215	275	19.40	5,335	2002	2,180	0.234	510	27.00	13,770
2003	1,295	0.220	285	22.50	6,413	2003	2,120	0.217	460	27.80	12,788
2004	1,290	0.225	290	19.40	5,626	2004	2,300	0.239	550	27.30	15,015
2005	1,390	0.191	265	21.50	5,698	2005	2,540	0.201	510	27.80	14,178
2006	1,490	0.232	345	24.30	8,384	2006	2,770	0.235	650	30.20	19,630
2007	1,485	0.168	250	30.10	7,525	2007	2,770	0.231	640	29.10	18,624
2008	1,440	0.167	240	*	*	2008	2,870	0.247	710	*	*
Massachusetts						New England³					
1999	n/a	n/a	47	38.81	1,824	1999	n/a	n/a	684	28.06	19,195
2000	255	0.161	41	37.80	1,550	2000	4,137	0.212	878	26.35	23,139
2001	215	0.172	37	40.59	1,502	2001	4,002	0.155	619	27.83	17,229
2002	230	0.209	48	39.50	1,896	2002	4,132	0.224	926	26.87	24,884
2003	220	0.168	37	41.89	1,550	2003	4,047	0.211	852	27.95	23,817
2004	235	0.213	50	46.30	2,315	2004	4,250	0.232	984	26.89	26,463
2005	240	0.167	40	51.20	2,048	2005	4,603	0.192	883	28.12	24,828
2006	255	0.157	40	47.90	1,916	2006	4,962	0.224	1,110	30.07	33,380
2007	250	0.160	40	46.10	1,844	2007	4,978	0.203	1,011	31.52	31,862
2008	250	0.260	65	*	*	2008	5,030	0.224	1,129	*	*

¹ Data series started in 2000.

² 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.**

³ New England includes Connecticut, Maine, Massachusetts, New Hampshire, and Vermont.

* Price and value for 2008 available June 10, 2009.



MAPLE SYRUP: Retail and Wholesale Prices and Size of Containers, 2005 – 2007

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						
Connecticut															
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
2007	40.80	24.80	14.70	8.30	5.10	3.10	8.20	8.70	40.60	21.40	12.40	7.20	4.80	3.00	D
Maine															
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
2007	38.30	21.20	11.80	7.00	4.50	3.20	7.60	8.00	32.80	18.70	10.40	6.10	4.00	2.10	D
Massachusetts															
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
2007	39.50	23.00	14.30	8.90	6.40	3.00	8.10	9.00	34.60	19.50	10.70	6.30	4.20	2.00	D
New Hampshire															
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
2007	40.30	22.10	13.30	8.00	5.00	3.20	8.70	9.70	29.50	18.40	10.10	5.40	3.00	2.40	6.70
Vermont															
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
2007	35.40	20.20	12.50	8.20	5.30	3.00	7.60	8.00	29.40	18.20	10.20	6.40	3.70	3.00	5.00
Michigan															
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	*	*
2007	34.30	20.90	11.80	6.80	4.60	*	*	*	29.50	17.10	10.20	6.00	4.00	*	*
New York															
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	*	*
2007	34.10	19.80	12.00	7.80	4.80	*	*	*	30.60	17.60	10.60	5.95	3.70	*	*
Ohio															
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	*	*
2007	33.60	19.40	12.00	7.35	4.65	*	*	*	33.50	18.30	9.80	6.00	3.40	*	*
Pennsylvania															
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	*	*
2007	32.20	19.00	10.80	6.40	4.20	*	*	*	21.30	16.80	9.00	5.60	3.30	*	*
Wisconsin															
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	*	*
2007	31.20	17.30	9.60	6.25	4.50	*	*	*	31.10	18.50	9.80	5.80	3.50	*	*

* Data is only available for New England states.

D Data not published to avoid disclosing individual operations.

MAPLE SYRUP: Bulk Prices by Grade and All Sales Gallon Equivalent Prices, 2005 – 2007

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						
2005	D	D	D	D	D	50.00
2006	D	D	D	D	1.85	58.20
2007	2.30	D	2.00	1.85	1.95	53.90
Maine						
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
2007	2.65	2.65	2.65	2.65	2.65	30.10
Massachusetts						
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
2007	2.20	2.10	1.90	1.80	1.95	46.10
New Hampshire						
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
2007	2.50	2.20	2.05	1.85	2.05	46.80
Vermont						
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
2007	2.20	2.10	2.00	1.85	2.05	29.10
Michigan						
2005	*	*	*	*	1.80	36.00
2006	*	*	*	*	1.80	37.00
2007	*	*	*	*	2.30	41.60
New York						
2005	*	*	*	*	1.70	31.70
2006	*	*	*	*	1.80	31.70
2007	*	*	*	*	2.05	33.50
Ohio						
2005	*	*	*	*	2.00	36.00
2006	*	*	*	*	1.85	34.00
2007	*	*	*	*	2.05	39.00
Pennsylvania						
2005	*	*	*	*	1.60	31.50
2006	*	*	*	*	1.60	32.50
2007	*	*	*	*	1.95	31.60
Wisconsin						
2005	*	*	*	*	1.70	32.40
2006	*	*	*	*	1.80	31.20
2007	*	*	*	*	2.05	35.70

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

² For dollars per gallon: multiply dollars per pound by 11.02 pounds per gallon.

* Data is only available for New England states.

^D Data is not published to avoid disclosing individual operations.