

MAPLE SYRUP

UNITED STATES: The 2006 U.S. maple syrup production totaled 1.45 million gallons, up 17 percent from 2005. The number of taps is estimated at 7.26 million, up two percent from the 2005 total of 7.10 million, while the yield per tap is estimated to be 0.200 gallons, up 14 percent from the previous season.

Vermont led all states in production with 460,000 gallons, an increase of 12 percent from 2005. Maine's production, at 300,000 gallons, increased 13 percent from last season. Production in New York, at 253,000 gallons, is 14 percent above 2005. Production doubled in Wisconsin, and is up 34 percent in Michigan, 13 percent in Ohio, 12 percent in New Hampshire, and eight percent in Pennsylvania. Production remained the same in Connecticut and Massachusetts. Large increases in yield as well as additional taps set in many States led to this year's increased production.

Temperatures in the maple producing states varied across the country. While producers in Maine, Michigan, Ohio, Vermont, and Wisconsin reported favorable conditions, producers in the other five States experienced weather that was either too warm or too cold for favorable sap flow. On average, the season lasted approximately 28 days compared to 24 days in 2005. Michigan and Pennsylvania had the earliest season opening date of January 1. Michigan also had the latest sap flow in 2006 with an approximate season ending date of May 2.

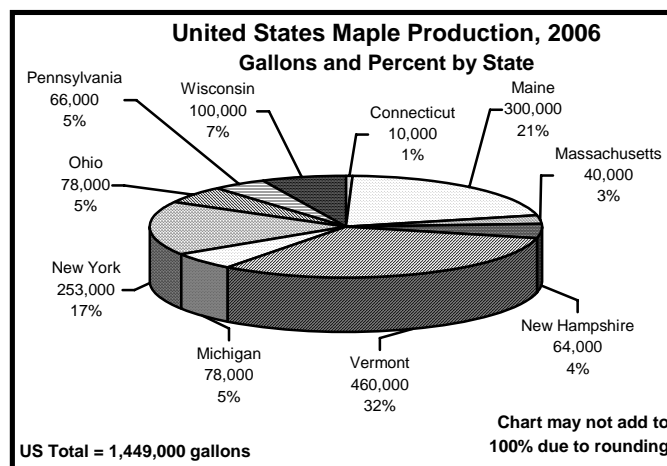
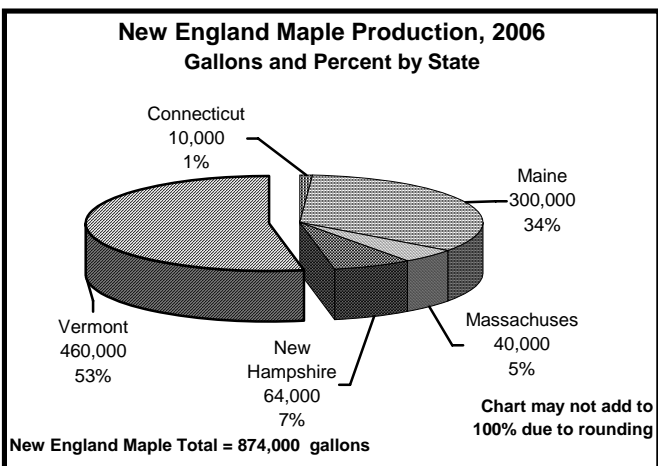
Sugar content of the sap for 2006 is down from last year. On average, approximately 43 gallons of sap were required to produce one gallon of syrup. This compares to with 40 gallons in 2005 and 42 gallons in 2004. The majority of the syrup produced this year is of medium color. The 2005 U.S. average price per gallon is \$29.90, up \$1.50 from the 2004 price of \$28.40. The U.S. value of production, at \$37.1 million for 2005, is down 13 percent from 2004. The average price per gallon increased in all States except Connecticut and Michigan.

NEW ENGLAND (excluding Rhode Island): In New England maple syrup production for 2006 totaled 874,000, up 12 percent from last year. Vermont remained the largest producing state in New England and the nation, with 32 percent of the nation's maple

syrup. Taps in New England totaled 4.1 million, up less than one percent from last year and making up 57 percent of the nation's maple taps.

The 2006 maple season was rated mostly favorable in temperature. Three New England states showed improved production from last year's devastating crop losses, while Connecticut and Massachusetts remained unchanged from the previous year. Temperatures were reported to be 47 percent favorable, 30 percent too warm and 23 percent too cool. Many operations reported fluctuating temperatures with January starting off extremely warm and then changing so much that in February it was too cold for sap to flow in some areas. Snow fall was pretty much non-existent this year, which made it easy to get in and out of the sugar bushes to set taps and collect sap. March finally brought mild days and cool nights, and increased sap flows. By mid-April however, many operators had decided to wrap the season up early as temperatures had begun to rise and trees were showing signs of budding. Earliest dates for each state were as follows: Connecticut and Vermont - January 15, Maine - January 20, Massachusetts - January 25, and New Hampshire - January 30. Latest closing dates were Connecticut - April 14, Maine - April 26, New Hampshire - April 29, and Massachusetts and Vermont - April 30. The sugar content of the sap was below average, requiring approximately 43 gallons of sap to produce a gallon of syrup. The majority of syrup produced was medium amber followed by dark amber and then light syrup.

2005 PRICES AND SALES: Across New England, the average equivalent price per gallon for 2005 maple syrup varied widely depending on the percentage sold retail, wholesale, or bulk. The 2005 all sales equivalent prices increased \$4.90 in Massachusetts to \$51.20, \$2.10 in Maine to \$21.50, \$5.90 in New Hampshire to \$41.30, and \$0.50 in Vermont to \$27.80. The price dropped \$1.70 in Connecticut to \$50.00. Maine's price continues to be lower than the other states due to the high percentage of bulk sales within the state. It should be noted that bulk prices did show a large increase in 2005. New England's 2005 gallon equivalent price of \$28.13 reflects an increase of \$1.26 from the 2004 price of \$26.87.



MAPLE SYRUP: Production, Price, and Value, 1997 – 2006

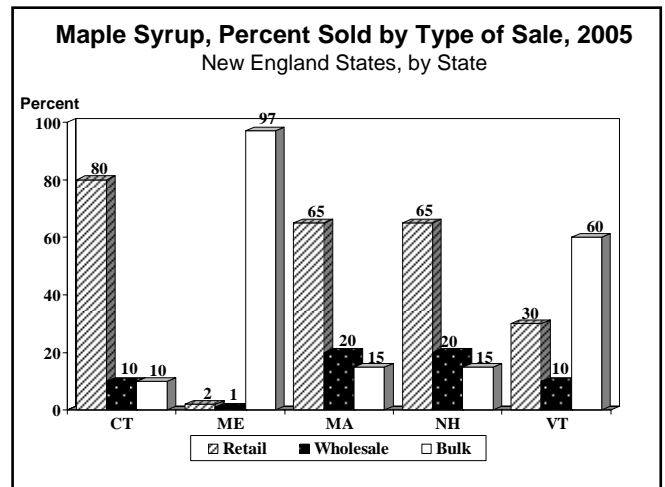
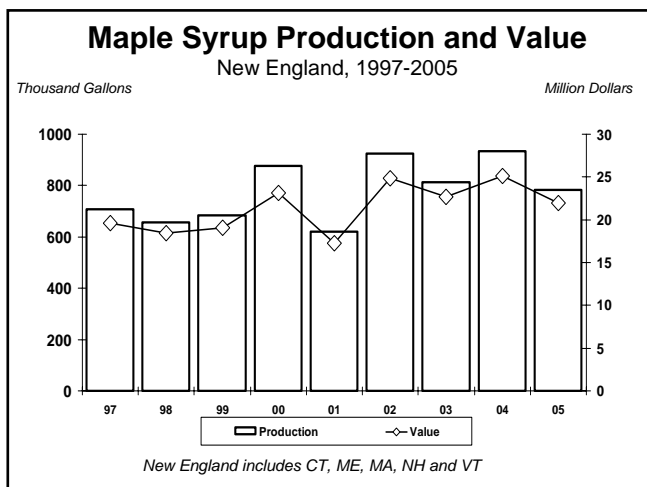
State and Year	Production	Taps	Yield per Tap	Average Gallon Equivalent Price of All Sales ^{1/}	Value of Production	State and Year	Production	Taps	Yield per Tap	Average Gallon Equivalent Price of All Sales ^{1/}	Value of Production
	1,000 Gallons	1,000 Taps	Gallons	Dollars	1,000 Dollars		1,000 Gallons	1,000 Taps	Gallons	Dollars	1,000 Dollars
Connecticut						New Hampshire					
1997	9	2/	2/	41.70	375	1997	76	2/	2/	40.20	3,055
1998	9	2/	2/	41.10	370	1998	70	2/	2/	36.20	2,534
1999	14	2/	2/	42.80	599	1999	63	2/	2/	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	4/	4/	2006	64	355	0.180	4/	4/
Maine						Vermont					
1997	185	2/	2/	19.80	3,663	1997	395	2/	2/	27.60	10,902
1998	150	2/	2/	20.60	3,090	1998	375	2/	2/	29.00	10,875
1999	190	2/	2/	19.40	3,686	1999	370	2/	2/	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	4/	4/	2006	460	2,170	0.212	4/	4/
Massachusetts						New England ^{3/}					
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	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	4/	4/	2006	874	4,146	0.211	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 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 – 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 2006 are not available until June, 2007.



MAPLE SYRUP: Retail and Wholesale Prices and Size of Containers, 2003 – 2005

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.
	Dollars								Dollars						
Connecticut															
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/
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	1/
Maine															
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
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
Massachusetts															
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
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	1/
New Hampshire															
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
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
Vermont															
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
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
Michigan															
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/
2005	34.20	18.90	10.30	6.50	4.20	2/	2/	2/	29.00	16.40	8.60	4.60	3.50	2/	2/
New York															
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	26.70	7.80	4.90	3.00	2/	2/
2005	32.50	18.80	11.10	6.90	4.40	2/	2/	2/	25.60	16.10	8.80	5.20	3.20	2/	2/
Ohio															
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/
2005	31.20	18.40	10.70	6.60	4.50	2/	2/	2/	26.20	16.50	8.50	5.80	3.80	2/	2/
Pennsylvania															
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/
2005	29.30	18.00	10.60	6.10	4.30	2/	2/	2/	27.50	15.60	8.60	4.70	3.90	2/	2/
Wisconsin															
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/
2005	30.60	16.80	9.10	5.70	4.20	2/	2/	2/	33.00	17.10	9.10	5.30	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 11, 2007, National Agricultural Statistics Service, USDA

MAPLE SYRUP: Bulk Prices by Grade and all Sales Gallon Equivalent Prices, 2003 – 2005

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						
2003	N/A	N/A	N/A	3/	3/	48.60
2004	N/A	N/A	1.43	1.09	1.10	51.70
2005	3/	3/	3/	3/	3/	50.00
Maine						
2003	1.76	1.70	1.63	1.18	1.60	22.50
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
Massachusetts						
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
2005	2.07	1.87	1.68	1.49	1.65	51.20
New Hampshire						
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
2005	1.85	1.76	1.64	1.33	1.60	41.30
Vermont						
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
2005	1.94	1.80	1.64	1.34	1.70	27.80
Michigan						
2003	4/	4/	4/	4/	1.90	31.20
2004	4/	4/	4/	4/	1.75	38.00
2005	4/	4/	4/	4/	1.80	36.00
New York						
2003	4/	4/	4/	4/	1.30	26.80
2004	4/	4/	4/	4/	1.40	28.20
2005	4/	4/	4/	4/	1.70	31.70
Ohio						
2003	4/	4/	4/	4/	1.60	35.10
2004	4/	4/	4/	4/	1.55	32.00
2005	4/	4/	4/	4/	2.00	36.00
Pennsylvania						
2003	4/	4/	4/	4/	1.05	27.40
2004	4/	4/	4/	4/	1.35	29.00
2005	4/	4/	4/	4/	1.60	31.50
Wisconsin						
2003	4/	4/	4/	4/	1.50	29.10
2004	4/	4/	4/	4/	1.50	32.30
2005	4/	4/	4/	4/	1.70	32.40

^{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 11, 2007, National Agricultural Statistics Service, USDA.