

## MAPLE SYRUP

### 2013 Production, New England (excluding Rhode Island):

New England's maple syrup production in 2013 totaled 1.98 million gallons, up 60 percent from 2012. Vermont remained the top maple State in New England and the Nation, producing 41 percent of the Nation's maple syrup. Taps in New England totaled 6.1 million, up 6 percent and accounted for 58 percent of the Nation's maple taps.

The 2013 maple syrup season in the was considered mostly favorable. The long 2013 maple syrup season offered several instances of warm days and cool nights, resulting in a significant increase in the New England's maple syrup production. Producers did report an extended freeze period in March. A very few number of operations reported that the weather was too warm. Temperatures were mostly favorable throughout the 2013 maple season. Production rose in all five New England States.

Earliest dates for sap collection for each State were as follows: Connecticut - January 2, Massachusetts and Vermont - January 8, Maine - January 13, and New Hampshire - January 30. Average start dates ranged from February 12 to March 4. Latest closing dates for sap collection for each State were as follows: Massachusetts - April 15, New Hampshire - April 26, Connecticut - April 28, Maine - April 30, and Vermont - May 1. Average finish dates ranged from March 29 to April 14. The sugar content of the sap was below average in New England with the exception of Maine, requiring approximately 45 to 48 gallons of sap to produce 1 gallon of syrup. In contrast, only 35 gallons of sap were required to produce 1 gallon of syrup in Maine..

**2013 Production, United States:** Nationally, maple syrup production in 2013 totaled 3.25 million gallons, up 70 percent from 2012. In 2012, prevailing high temperatures limited sap flow. The number of taps is estimated at 10.6 million, 8 percent above the 2012 total of 9.77 million. Yield per tap is estimated to be 0.308 gallons, up 58 percent from the previous season's revised yield.

All States showed an increase in production from the previous year

Vermont led all States in production with 1.32 million gallons, an increase of 76 percent from 2012. Production in New York, at 574,000 gallons, secured New York's place as second in the Nation. Maine's sugar makers produced 450,000 gallons of syrup, an increase of 25 percent from 2012. In New Hampshire, production is estimated at 124,000 gallons.



*Photo Courtesy of Miller Farm, New Durham, NH*

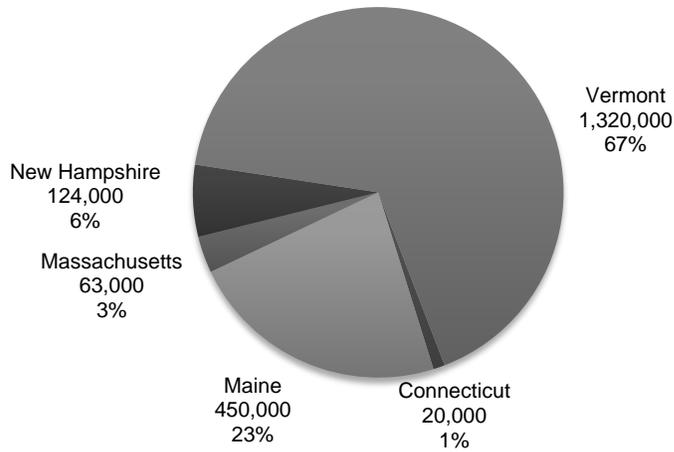
Connecticut and Massachusetts produced a combined total of 83,000 gallons, a significant increase of 61 percent from 2012. Pennsylvania produced 134 gallons, up 40 percent.

Cool temperatures in the early spring months delayed budding of maple trees which contributed to a longer season of sap flow than last year. The earliest sap flow reported was January 1 in New York. The latest sap flow reported to open the season was February 15 in Wisconsin. On average, the season lasted 37 days, compared with 24 days in 2012.

**2012 Prices and Sales, New England:** Across New England, the average price per gallon varied widely depending on the percentage sold retail, wholesale, or bulk. The 2012 all sales price per gallon in Connecticut averaged \$63.40, down \$6.40; Maine averaged \$33.00, down \$1.00; Massachusetts averaged \$51.50, down \$5.50; New Hampshire averaged \$52.50, up \$3.50; and Vermont averaged \$34.50, up \$0.50. Vermont and Maine's prices continue to be lower than the other States because of the high percentage of bulk sales.

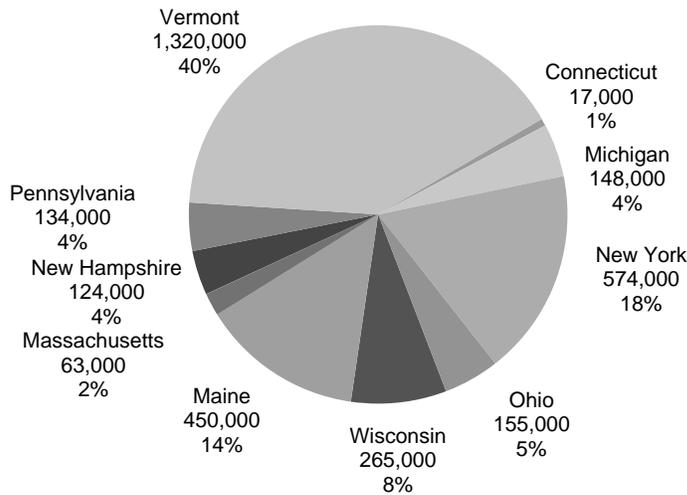
**2012 Prices and Sales, United States:** The 2012 U.S. average price per gallon was \$39.10, up \$1.20 from the 2011 price of \$37.90. The U.S. value of production, at \$74.6 million for 2012, was down 30 percent from the previous season.

**New England Maple Production, 2013**  
Gallons and Percent by State



**New England Maple**  
Total = 1,977,000 Gallons

**United States Maple Production, 2013**  
Gallons and Percent by State



**United States Maple**  
Total = 3,253,000 Gallons

MAPLE SYRUP: Production, Price, and Value, 2004 – 2013

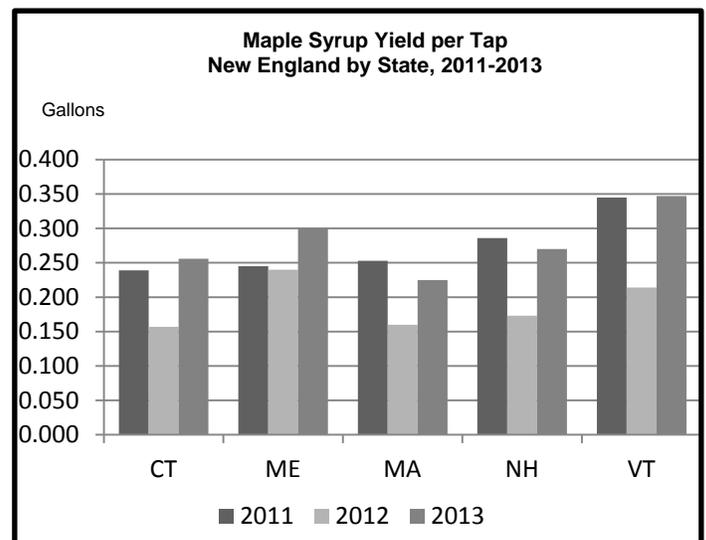
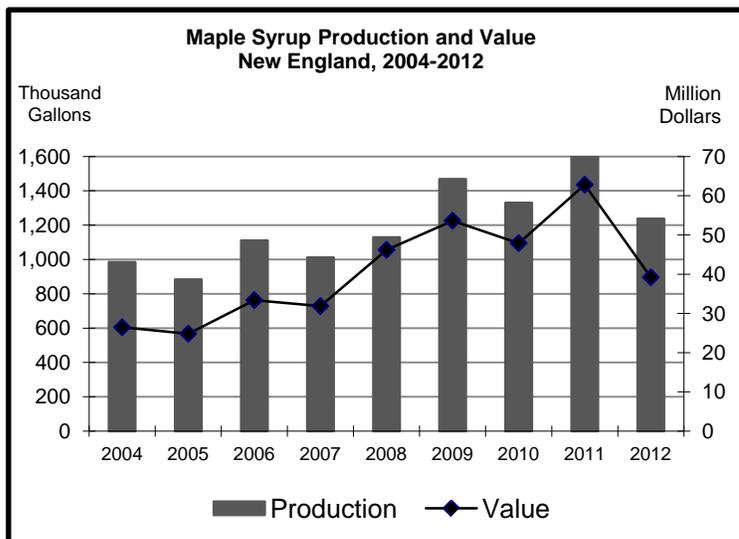
State and Year	Number of Taps	Yield per Tap	Production	Average Gallon Equivalent Price of All Sales <sup>1</sup>	Value of Production	State and Year	Number of Taps	Yield per Tap	Production	Average Gallon Equivalent Price of All Sales <sup>1</sup>	Value of Production
	1,000 Taps	Gallons	1,000 Gallons	Dollars	1,000 Dollars		1,000 Taps	Gallons	1,000 Gallons	Dollars	1,000 Dollars
<b>Connecticut</b>						<b>New Hampshire</b>					
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	58.20	640	2006	375	0.171	64	43.90	2,810
2007	73	0.151	11	53.90	593	2007	400	0.175	70	46.80	3,276
2008	75	0.253	19	62.30	1,184	2008	395	0.241	95	53.80	5,111
2009	71	0.183	13	*64.00	*832	2009	385	0.244	94	*53.50	*5,029
2010	75	0.120	9	70.00	630	2010	420	0.207	87	55.40	4,820
2011 <sup>3</sup>	71	0.239	17	73.00	1,241	2011 <sup>3</sup>	420	0.286	120	49.00	5,880
2012	70	0.157	11	63.40	697	2012	440	0.173	76	52.50	3,990
2013	78	0.256	20			2013	460	0.270	124		
<b>Maine</b>						<b>Vermont</b>					
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	36.80	8,832	2008	2,870	0.247	710	39.50	28,045
2009	1,470	0.269	395	32.90	12,996	2009	3,030	0.304	920	35.10	32,292
2010	*1,470	*0.214	*315	33.50	10,553	2010	*3,150	*0.283	890	34.00	30,260
2011 <sup>3</sup>	1,470	0.245	360	34.00	12,240	2011 <sup>3</sup>	3,300	0.345	1,140	35.00	39,900
2012	1,500	0.240	360	33.00	11,880	2012	3,500	0.214	750	35.50	26,625
2013	1,500	0.300	450			2013	3,800	0.347	1,320		
<b>Massachusetts</b>						<b>New England<sup>2</sup></b>					
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	46.50	3,023	2008	5,030	0.224	1,129	40.92	46,195
2009	230	0.200	46	53.60	2,466	2009	5,186	0.283	1,468	*36.52	*53,615
2010	250	0.116	29	56.50	1,639	2010	*5,365	*0.248	*1,330	36.02	47,902
2011	245	0.253	62	57.00	3,534	2011	5,506	0.309	1,699	36.96	62,795
2012	250	0.160	40	51.50	2,060	2012	5,760	0.215	1,237	31.70	39,208
2013	280	0.225	63			2013	6,118	0.323	1,977		

\* Revised.

<sup>1</sup> Average gallon equivalent price 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>2</sup> New England includes Connecticut, Maine, Massachusetts, New Hampshire, and Vermont.

<sup>3</sup> Price and value for 2013 available June, 2014.



Maple Syrup: Price by Type of Sales and Size of Container by State, 2011-2012<sup>1</sup>

Type and State	Gallons		½ Gallons		Quarts		Pints		½ Pints	
	2011	2012	2011	2012	2011	2012	2011	2012	2011	2012
	(dollars)									
<b>Retail</b>										
CT	57.00	62.90	34.80	36.00	19.00	21.00	13.10	13.00	8.70	7.75
ME	53.10	56.20	30.80	30.40	16.60	16.60	10.00	9.60	5.90	6.00
MA	50.80	51.90	30.00	29.10	18.50	17.80	11.30	11.10	8.40	7.45
MI	45.50	46.00	24.60	25.70	13.70	14.90	8.40	9.30	5.20	6.70
NH	51.30	53.20	27.30	30.10	17.20	18.50	10.10	10.60	5.80	6.20
NY	44.70	43.70	25.00	24.80	15.60	15.40	9.40	9.60	6.05	6.00
OH	41.70	41.50	24.90	24.80	15.10	15.10	8.90	9.30	6.80	5.90
PA	41.00	42.60	23.20	23.30	13.90	13.60	8.00	8.30	5.00	5.05
VT	44.70	46.10	26.20	26.20	15.70	16.90	9.70	9.60	5.90	6.20
WI	39.00	44.60	23.50	26.80	12.30	15.00	7.40	8.40	5.30	5.20
<b>Wholesale</b>										
CT	(D)	56.90	25.00	34.10	14.00	16.40	8.00	8.60	5.10	5.10
ME	42.70	42.40	24.00	22.80	12.10	12.90	7.00	7.40	4.30	5.10
MA	45.70	40.80	24.40	24.70	13.70	13.90	8.30	7.40	5.20	4.70
MI	33.80	36.80	23.00	24.10	12.60	12.30	7.30	7.20	4.50	4.50
NH	38.70	37.90	23.30	23.20	13.20	12.50	8.20	7.30	4.60	4.30
NY	37.50	43.80	22.70	24.30	12.50	14.30	6.90	8.45	4.75	5.65
OH	36.00	37.20	22.70	20.00	13.10	12.50	7.90	7.00	5.00	4.20
PA	35.90	39.20	21.90	20.30	12.70	12.10	6.90	6.65	4.00	4.50
VT	39.40	40.50	23.90	24.10	13.70	13.70	8.10	8.10	5.00	4.80
WI	40.30	36.20	23.50	24.30	11.90	13.40	6.70	8.00	4.10	4.90

<sup>1</sup> Prices for 2013 are not available until June 2014. (D) Withheld to avoid disclosing data for individual operations.

Maple Syrup: Percent of Sales by Type and State, 2011-2012

State	Retail		Wholesale		Bulk	
	2011	2012	2011	2012	2011	2012
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
CT	70	47	15	16	15	37
ME	4	2	4	3	92	95
MA	55	39	30	33	15	28
MI	45	60	15	24	40	16
NH	50	50	10	25	40	25
NY	29	36	11	14	60	50
OH	42	48	17	14	41	38
PA	43	32	27	13	30	55
VT	15	15	5	5	80	80
WI	30	39	13	18	57	43

Maple Syrup: Bulk Price by Grade, 2011-2012

State	Grade A						Grades B and C	
	Light Amber		Medium Amber		Dark Amber		2011	2012
	2011	2012	2011	2012	2011	2012		
	(dollars per pound)		(dollars per pound)		(dollars per pound)		(dollars per pound)	
ME	2.90	2.90	2.90	2.90	2.85	2.85	2.60	2.60
NY	2.79	2.81	2.73	2.85	2.61	2.70	2.23	2.36
VT	2.80	2.85	2.80	2.80	2.70	2.70	2.35	2.30