

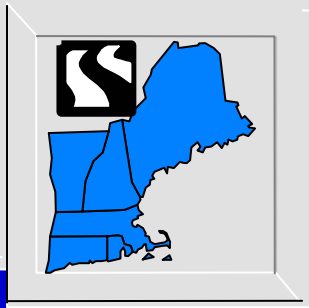
# New England Agricultural Statistics



a field office of  
USDA's

**National Agricultural Statistics Service**  
**Aubrey Davis, Director**





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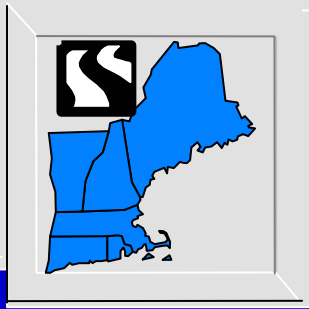
➤ [nass-nh@nass.usda.gov](mailto:nass-nh@nass.usda.gov)

All other state field offices

➤ [nass-xx@nass.usda.gov](mailto:nass-xx@nass.usda.gov) (xx=state abbrev.)

Headquarters in Washington, DC

➤ [nass@nass.usda.gov](mailto:nass@nass.usda.gov)



# Maple Syrup Contacts

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# States in Official Maple Estimating Program



**Connecticut**

**Maine**

**Massachusetts**

**Michigan**

**New Hampshire**

**New York**

**Ohio**

**Pennsylvania**

**Vermont**

**Wisconsin**

# 2005 New England Maple Syrup Survey Specifics



**Period:** Feb – May

**Mailed:** April 15

**Phoned:** May 2 – 13

**Report Released:** June 10

**Response Rate:** 70.7%-2005

71.7%-2004

71.5%-2003

69.5%-2002

63.9%-2001

# 2001 - 2005 Maple Syrup Response Rates, U.S. by State

State	2001	2002	2003	2004	2005
	Percent				
<b>Connecticut</b>	<b>52.7</b>	<b>68.0</b>	<b>55.3</b>	<b>75.5</b>	<b>64.1</b>
<b>Maine</b>	<b>59.8</b>	<b>71.9</b>	<b>71.0</b>	<b>76.3</b>	<b>76.8</b>
<b>Massachusetts</b>	<b>59.7</b>	<b>64.3</b>	<b>60.4</b>	<b>70.2</b>	<b>75.8</b>
<b>New Hampshire</b>	<b>76.1</b>	<b>76.4</b>	<b>76.0</b>	<b>71.7</b>	<b>72.9</b>
<b>Vermont</b>	<b>68.6</b>	<b>67.7</b>	<b>78.3</b>	<b>70.4</b>	<b>68.3</b>
<b>Michigan</b>	<b>NA</b>	<b>78.4</b>	<b>70.3</b>	<b>81.4</b>	<b>83.1</b>
<b>New York</b>	<b>45.2</b>	<b>85.3</b>	<b>78.2</b>	<b>87.1</b>	<b>82.1</b>
<b>Ohio</b>	<b>92.8</b>	<b>85.9</b>	<b>82.0</b>	<b>85.3</b>	<b>84.2</b>
<b>Pennsylvania</b>	<b>72.1</b>	<b>72.1</b>	<b>78.4</b>	<b>77.3</b>	<b>74.2</b>
<b>Wisconsin</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

# 2005 Maple Syrup Season, U.S. by State

State	Earliest	Latest	Most Common	
	Start	Close	Start	Close
CT	Feb 2	Apr 15	Mar 5	Mar 25/Apr 1
ME	Feb 14	Apr 29	Mar 15	Mar 31
MA	Feb 2	Apr 19	Mar 15	Mar 31/Apr 5
NH	Feb 1	Apr 23	Mar 15	Apr 1
VT	Feb 4	Apr 30	Mar 20	Apr 15
MI	Feb 1	Apr 28	-	-
NY	Jan 27	May 1	-	-
OH	Feb 1	Apr 18	-	-
PA	Jan 20	Apr 30	-	-
WI	Feb 12	Apr 21	-	-



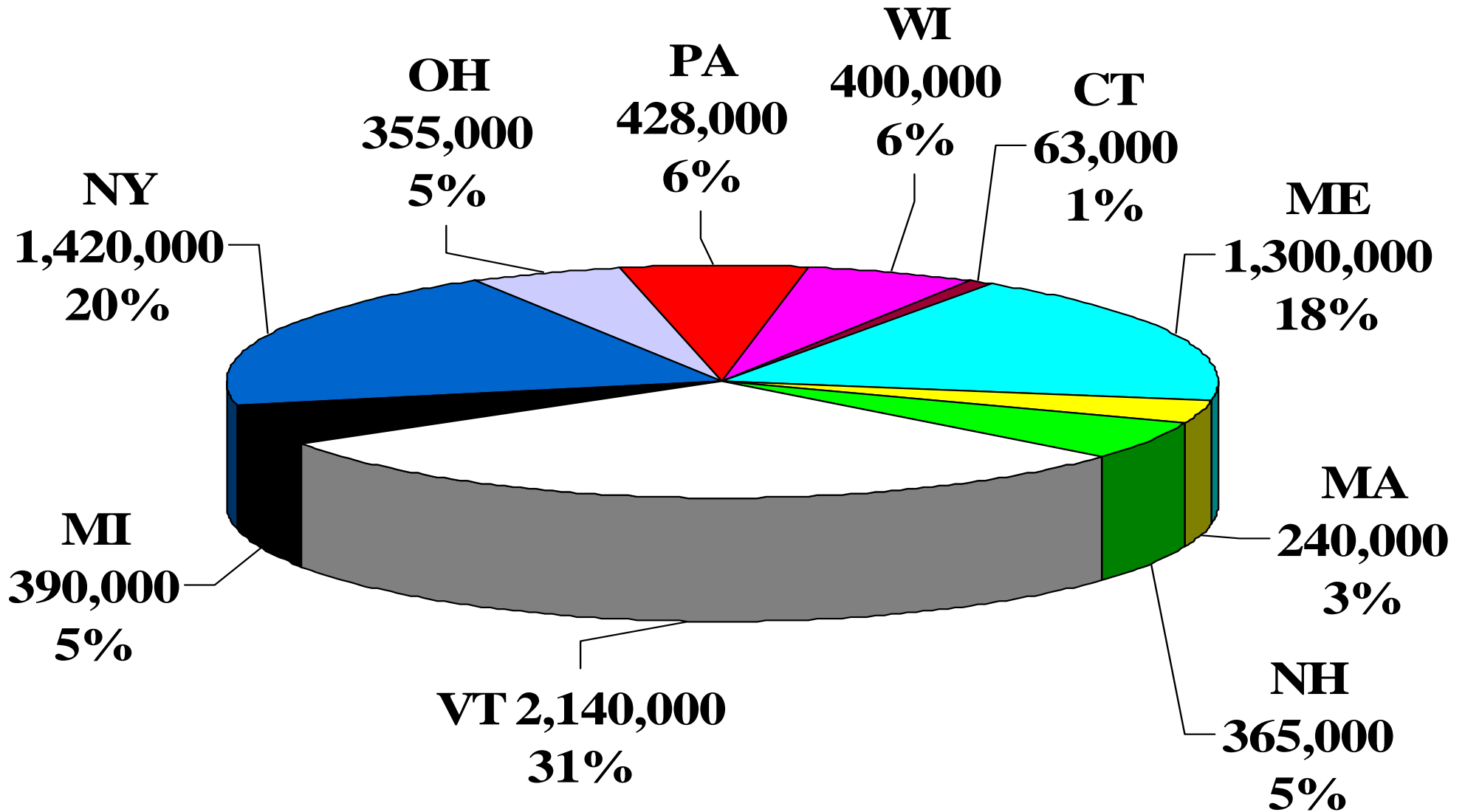
# Taps, Yield, & Production, 2003-2005, U.S. by State & Canadian Provinces

State	Taps			Yield Per Tap			Production		
	2003	2004	2005	2003	2004	2005	2003	2004	2005
	1,000 Taps			Gallons			1,000 Gallons		
Connecticut	62	62	63	0.161	0.177	0.159	10	11	10
Maine	1,295	1,290	1,300	0.220	0.225	.0204	285	290	265
Massachusetts	220	235	240	0.168	0.213	0.167	37	50	40
New Hampshire	350	360	365	0.171	0.231	0.156	60	83	57
Vermont	2,030	2,100	2,140	0.207	0.238	0.192	420	500	410
<b>NEW ENGLAND 1/</b>	<b>3,957</b>	<b>4,047</b>	<b>4,108</b>	<b>0.205</b>	<b>0.231</b>	<b>0.190</b>	<b>812</b>	<b>934</b>	<b>782</b>
Michigan	360	370	390	0.164	0.216	0.149	59	80	58
New York	1,340	1,345	1,420	0.157	0.190	0.156	210	255	222
Ohio	387	405	355	0.132	0.193	0.194	51	78	69
Pennsylvania	383	404	428	0.136	0.149	0.143	52	60	61
Wisconsin	400	385	400	0.190	0.260	0.125	76	100	50
<b>UNITED STATES</b>	<b>6,872</b>	<b>6,956</b>	<b>7,101</b>	<b>0.185</b>	<b>1.217</b>	<b>0.175</b>	<b>1,260</b>	<b>1,507</b>	<b>1,242</b>
New Brunswick 2/	--	--	--	--	--	--	191	210	--
Nova Scotia 2/	--	--	--	--	--	--	36	26	--
Ontario 2/	--	--	--	--	--	--	262	262	--
Quebec 2/	--	--	--	--	--	--	6,822	6,551	--
<b>CANADA 2/ 3/</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>7,312</b>	<b>7,050</b>	<b>--</b>

1/ New England includes CT, ME, MA, NH and VT. 2/ Canadian data incomplete; figures unavailable at the time of publication. Canadian imperial gallons were converted to U.S. gallons (one imperial gallon times 1.2021778 equals one U.S. gallon.) 3/ Data may not add due to rounding. SOURCE: United States – Crop Production, NASS, USDA. Canada – Statistics Canada.

# U.S. Maple Taps, 2005

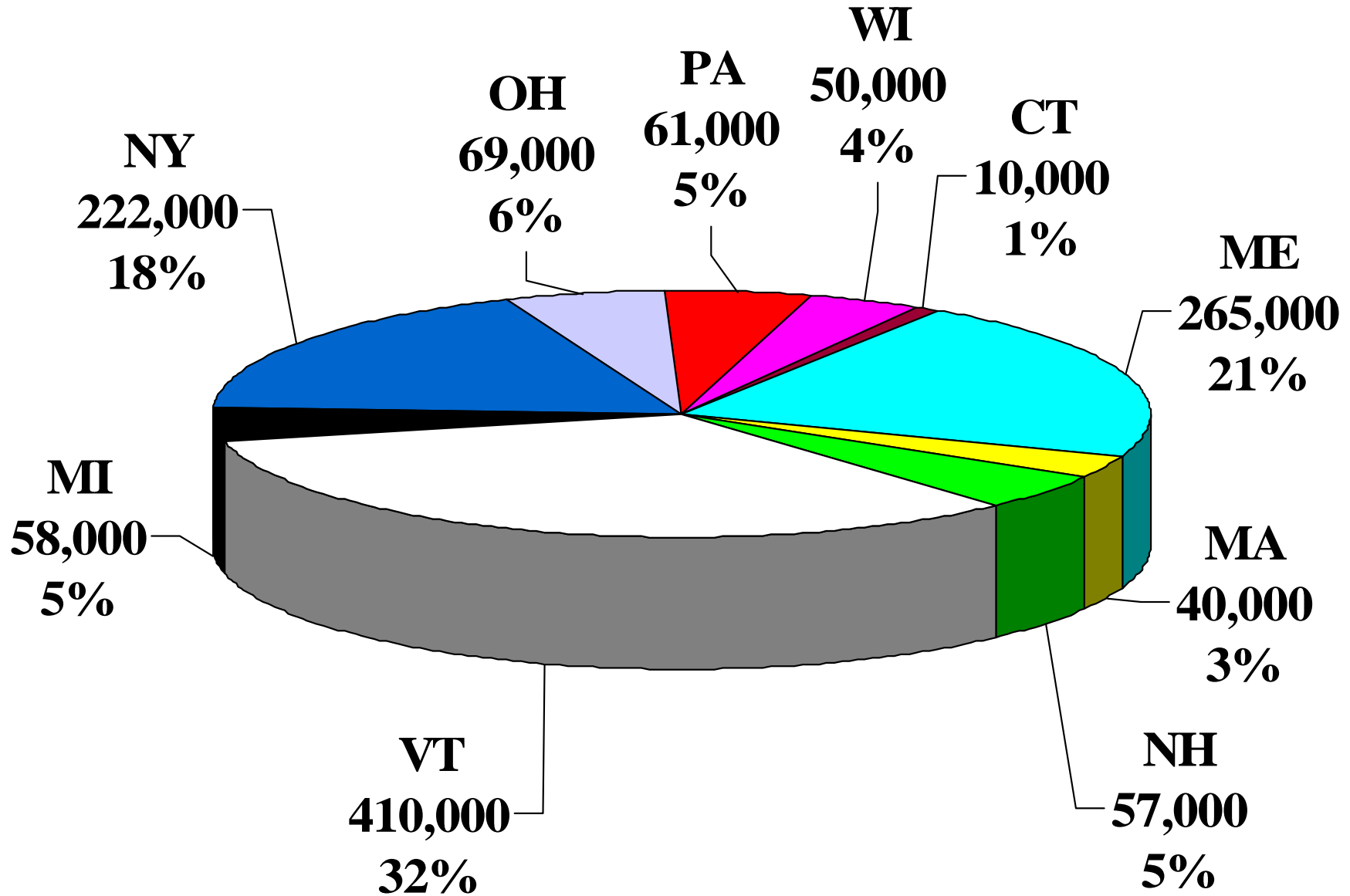
## Taps and Percent by State



United States 2005 Maple Syrup Taps: 7,101,000

# U.S. Maple Production, 2005

## Gallons and Percent by State



United States 2005 Maple Syrup Production: 1,242,000 Gallons

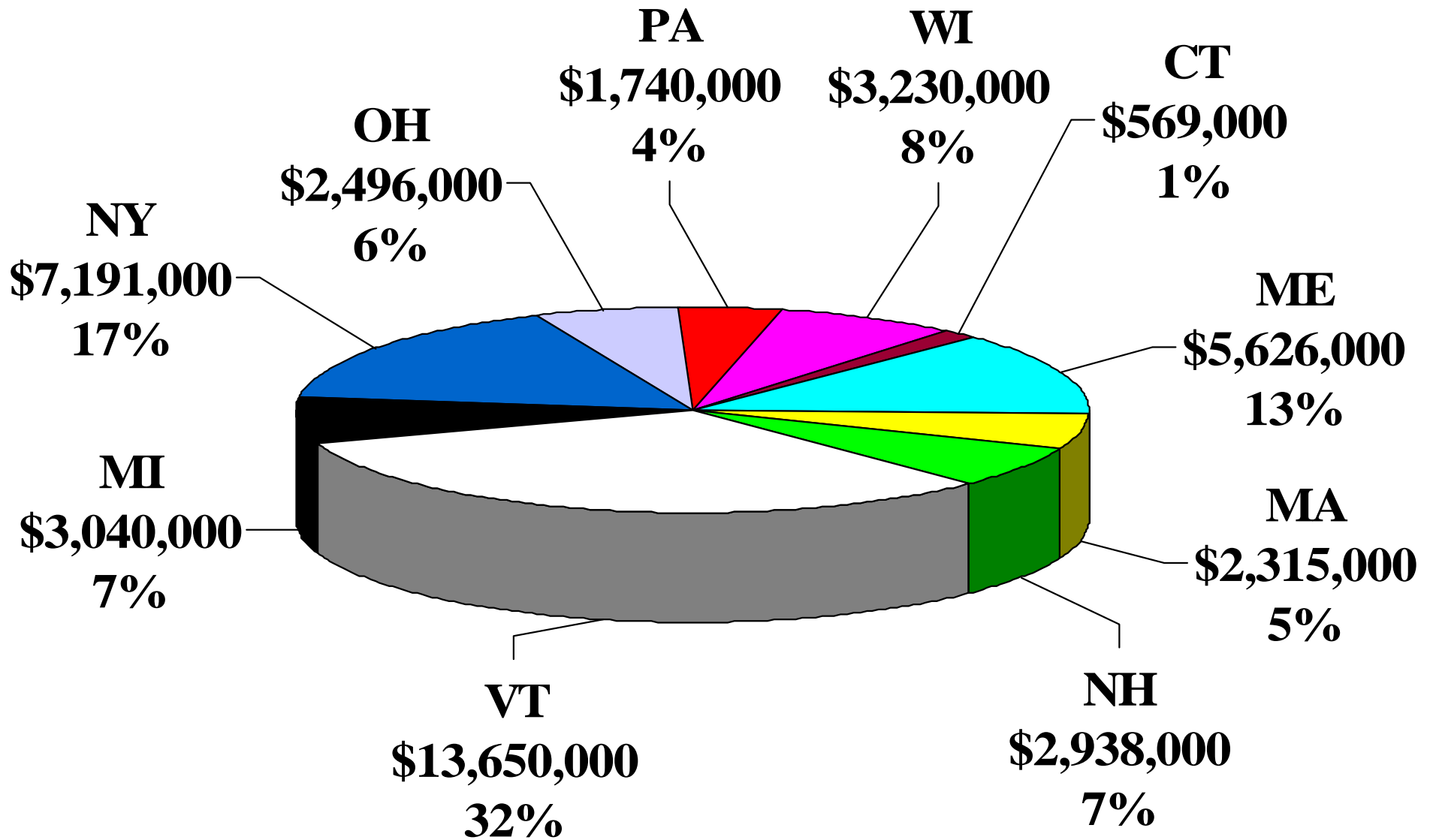
# Production, Price, & Value, 2002-2004, U.S. & Canadian Provinces

State or Province	Production			Average Gallon Equivalent Price of All Sales 1/			Value of Production		
	2002	2003	2004	2002	2003	2004	2002	2003	2004
	1,000 Gallons			United States Dollars			United States 1,000 Dollars		
Connecticut	10	10	10	47.20	48.60	51.70	472	486	569
Maine	275	285	290	19.40	22.50	19.40	5,335	6,413	5,626
Massachusetts	48	37	50	39.50	41.90	46.30	1,896	1,550	2,315
New Hampshire	83	60	83	41.10	43.00	35.40	3,411	2,580	2,938
Vermont	510	420	500	27.00	27.80	27.30	13,770	11,676	13,650
<b>NEW ENGLAND 2/</b>	<b>926</b>	<b>812</b>	<b>934</b>	<b>26.87</b>	<b>27.96</b>	<b>26.87</b>	<b>24,884</b>	<b>22,705</b>	<b>25,098</b>
Michigan	75	59	80	32.50	31.20	38.00	2,438	1,841	3,040
New York	260	210	255	26.30	26.80	28.20	6,838	5,628	7,191
Ohio	75	51	78	32.30	35.10	32.00	2,423	1,790	2,496
Pennsylvania	60	52	60	26.70	27.40	29.00	1,602	1,425	1,740
Wisconsin	79	76	100	29.30	29.10	32.30	2,315	2,212	3,230
<b>UNITED STATES</b>	<b>1,475</b>	<b>1,260</b>	<b>1,507</b>	<b>27.50</b>	<b>28.30</b>	<b>28.40</b>	<b>40,500</b>	<b>35,601</b>	<b>42,795</b>
New Brunswick 3/	177	191	210	21.76	26.56	28.73	3,851	5,073	6,034
Nova Scotia 3/	35	36	26	--	28.72	30.85	--	1,034	802
Ontario 3/	275	262	262	26.48	30.41	31.30	7,283	7,968	8,201
Quebec 3/	5,665	6,822	6,551	15.63	14.86	14.83	88,548	101,344	97,123
<b>CANADA 3/</b>	<b>6,118</b>	<b>7,312</b>	<b>7,050</b>	<b>16.29</b>	<b>15.78</b>	<b>15.91</b>	<b>99,681</b>	<b>115,417</b>	<b>112,159</b>

1/ Average gallon equivalent price in U.S. dollars is a weighted average across retail, wholesale, and bulk sales. This price is lower for States, such as Maine, with more bulk sales. The average gallon equivalent price is not the average price paid for a gallon of syrup. 2/ New England includes CT, ME, MA, NH, and VT. 3/ Canadian dollars to U.S. dollars exchange rates were valued at or near the closest date to July 1 for each year. Exchange rates were .658328 for 2002, and .74118 for 2003 and .750469 for 2004. Canadian imperial gallons were converted to U.S. gallons (one imperial gallon times 1.2021778 equals one U.S. gallon.) SOURCE: U.S. – Crop Production, NASS, USDA. Canada – Statistics Canada.

# U.S. Maple Value of Production, 2004

## Value and Percent by State



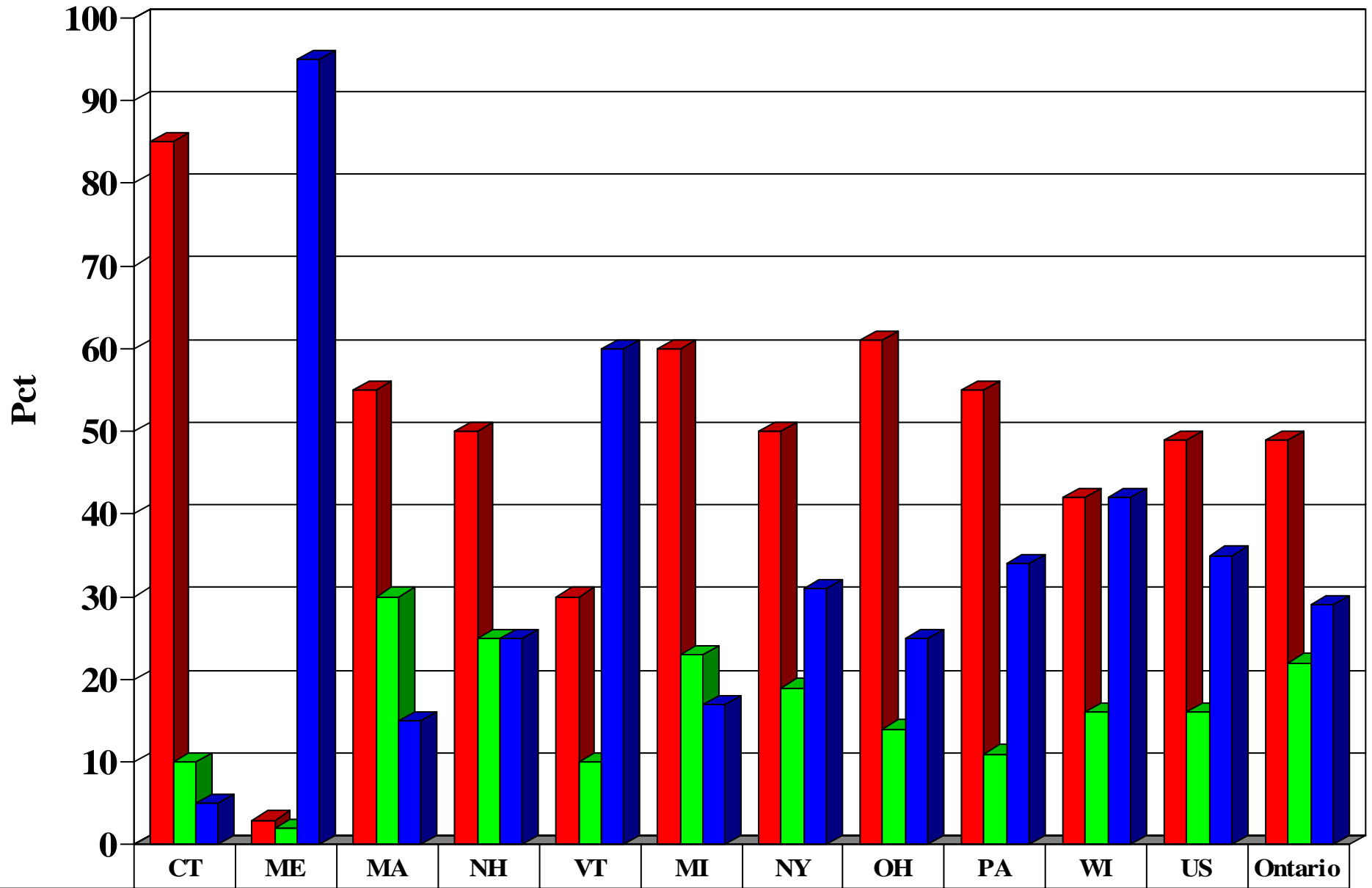
United States 2004 Value of Production: \$42,795,000

# Maple Syrup Sales Percentages by Type, 2002 – 2004, U.S. by State & Ontario

State/ Province	Retail			Wholesale			Bulk		
	2002	2003	2004	2002	2003	2004	2002	2003	2004
	Percent								
CT	85	70	85	10	20	10	5	10	5
ME	5	10	3	5	5	2	90	85	95
MA	50	60	55	30	30	30	20	10	15
NH	70	70	50	15	10	25	15	20	25
VT	25	30	30	15	10	10	60	60	60
MI	65	44	60	15	44	23	20	12	17
NY	39	37	50	21	24	19	40	39	31
OH	76	72	61	6	11	14	18	17	25
PA	45	43	55	19	18	11	36	39	34
WI	42	38	42	24	22	16	34	40	42
U.S. Avg 1/	50	47	49	16	19	16	34	33	35
Ontario 2/	--	--	49	--	--	22	--	--	29

1/ May not add due to rounding. 2/ Ontario data provided by Dave Chapeskie, Agroforestry Specialist, OMAFRA.

## 2004 Maple Syrup Sales Percentages by Type, U.S. by State & Ontario



<b>Retail</b>	85	3	55	50	30	60	50	61	55	42	49	49
<b>Wholesale</b>	10	2	30	25	10	23	19	14	11	16	16	22
<b>Bulk</b>	5	95	15	25	60	17	31	25	34	42	35	29

# 2004 Retail Prices by Container Size, U.S. by State

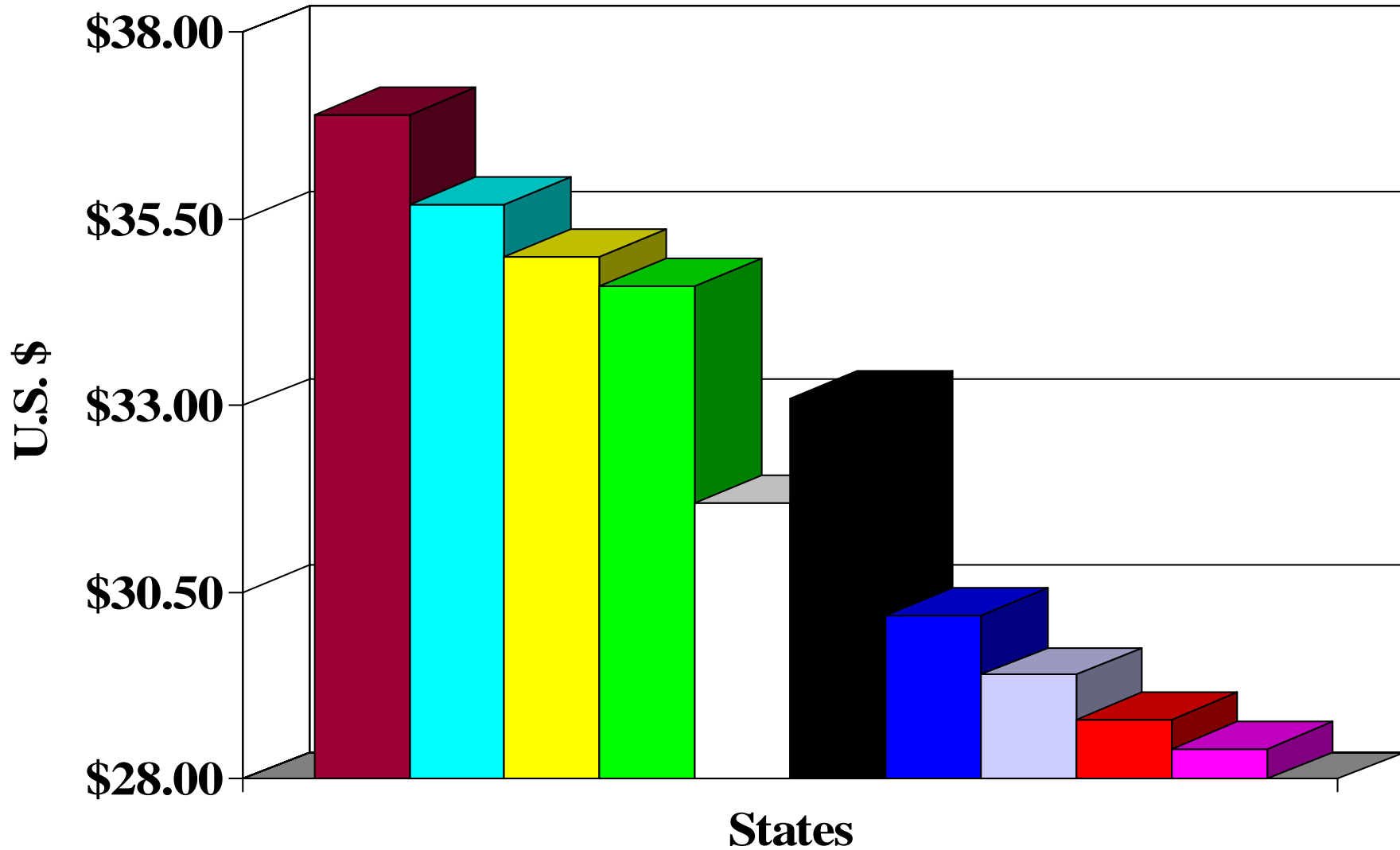
State	Gal	½ Gal	Qt	Pt	½ Pt	3.4 Oz	8.5 Oz	12 Oz
	<b>U.S. Dollars Per Container</b>							
CT	<b>39.10</b>	<b>22.20</b>	<b>13.50</b>	<b>8.40</b>	<b>5.20</b>	3.00	<b>8.60</b>	N/A
ME	36.60	19.90	10.60	6.50	4.40	2.70	7.80	8.20
MA	34.80	19.70	11.70	7.00	4.00	<b>3.30</b>	8.50	<b>10.20</b>
NH	34.30	19.50	11.20	7.00	4.10	3.20	8.30	1/
VT	31.70	18.50	11.40	7.10	4.60	2.80	6.80	7.70
MI	32.70	19.10	10.60	6.20	3.90	2/	2/	2/
NY	32.20	17.80	10.50	6.50	3.90	2/	2/	2/
OH	28.70	17.60	10.40	6.50	4.50	2/	2/	2/
PA	29.50	17.10	10.00	6.00	3.90	2/	2/	2/
WI	28.60	16.10	8.70	5.30	3.50	2/	2/	2/

**1/ Data not published to avoid disclosing individual operations.**

**2/ Only available in New England states.**



# 2004 Retail Price per Gallon, U.S. by State



■ CT ■ ME ■ MA ■ NH ■ VT ■ MI ■ NY ■ OH ■ PA ■ WI

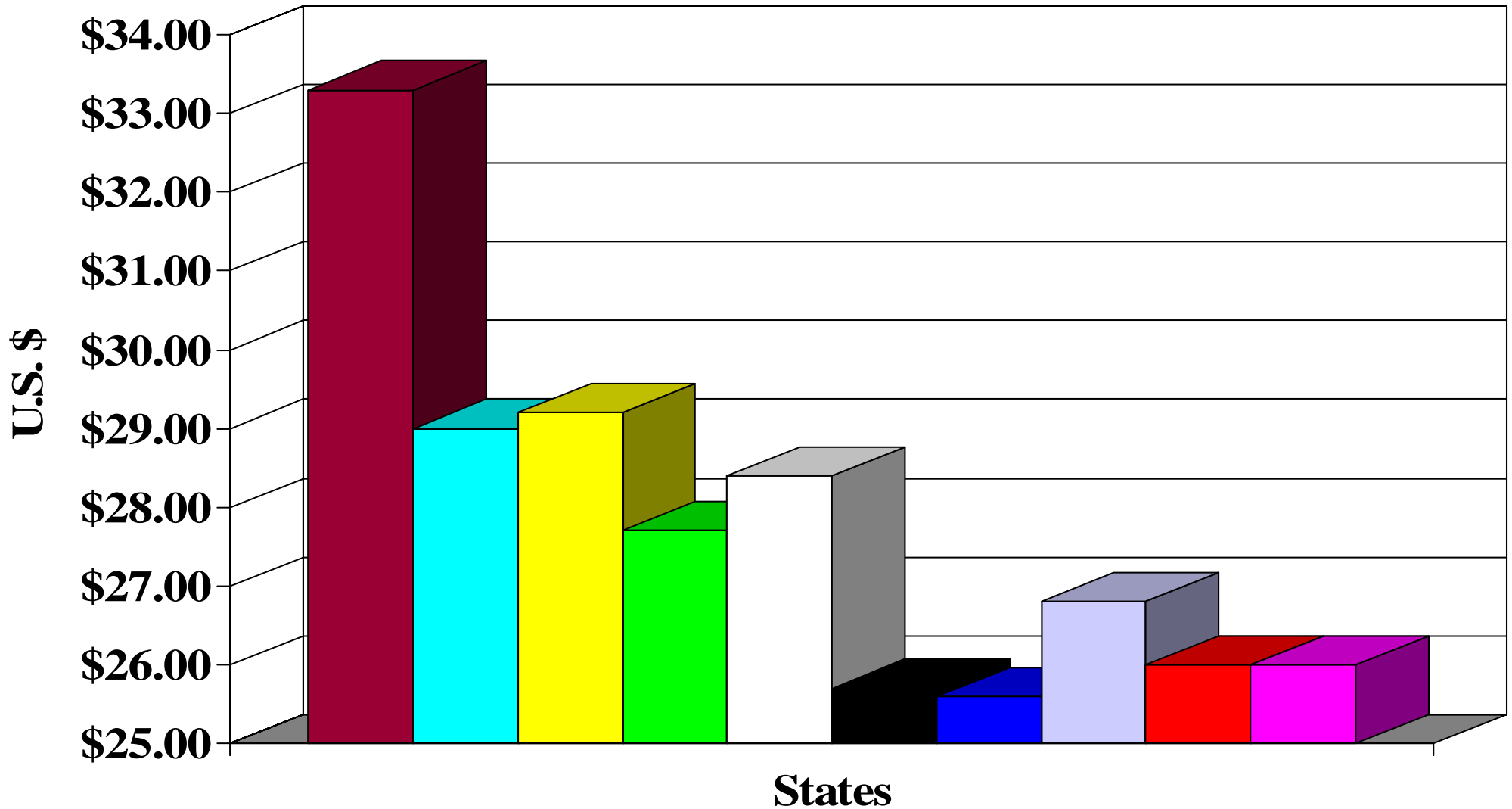
# 2004 Wholesale Prices by Container Size, U.S. by State

State	Gal	1/2 Gal	Qt	Pt	1/2 Pt	3.4 Oz	8.5 Oz
	<b>U.S. Dollars Per Container</b>						
<b>CT</b>	<b>33.30</b>	<b>16.40</b>	<b>9.00</b>	<b>5.30</b>	<b>3.50</b>	<b>2.30</b>	<b>1/</b>
<b>ME</b>	<b>29.00</b>	<b>15.90</b>	<b>8.60</b>	<b>4.70</b>	<b>3.30</b>	<b>2.60</b>	<b>5.70</b>
<b>MA</b>	<b>29.20</b>	<b>16.60</b>	<b>9.00</b>	<b>5.50</b>	<b>3.40</b>	<b>2.10</b>	<b>7.40</b>
<b>NH</b>	<b>27.70</b>	<b>16.60</b>	<b>9.60</b>	<b>5.30</b>	<b>3.10</b>	<b>2.10</b>	<b>5.90</b>
<b>VT</b>	<b>28.40</b>	<b>16.40</b>	<b>9.40</b>	<b>5.60</b>	<b>3.50</b>	<b>2.20</b>	<b>5.80</b>
<b>MI</b>	<b>25.70</b>	<b>16.70</b>	<b>8.70</b>	<b>5.00</b>	<b>3.20</b>	<b>2/</b>	<b>2/</b>
<b>NY</b>	<b>25.60</b>	<b>16.70</b>	<b>7.80</b>	<b>4.90</b>	<b>3.00</b>	<b>2/</b>	<b>2/</b>
<b>OH</b>	<b>26.80</b>	<b>14.20</b>	<b>8.00</b>	<b>4.80</b>	<b>3.30</b>	<b>2/</b>	<b>2/</b>
<b>PA</b>	<b>26.00</b>	<b>14.20</b>	<b>8.20</b>	<b>5.00</b>	<b>3.50</b>	<b>2/</b>	<b>2/</b>
<b>WI</b>	<b>26.00</b>	<b>15.20</b>	<b>8.30</b>	<b>5.40</b>	<b>3.00</b>	<b>2/</b>	<b>2/</b>

1/ Data not published to avoid disclosing individual operations.

2/ Only available in New England states.

# 2004 Wholesale Price Per Gallon, U.S. by State



■ CT ■ ME ■ MA ■ NH ■ VT ■ MI ■ NY ■ OH ■ PA ■ WI

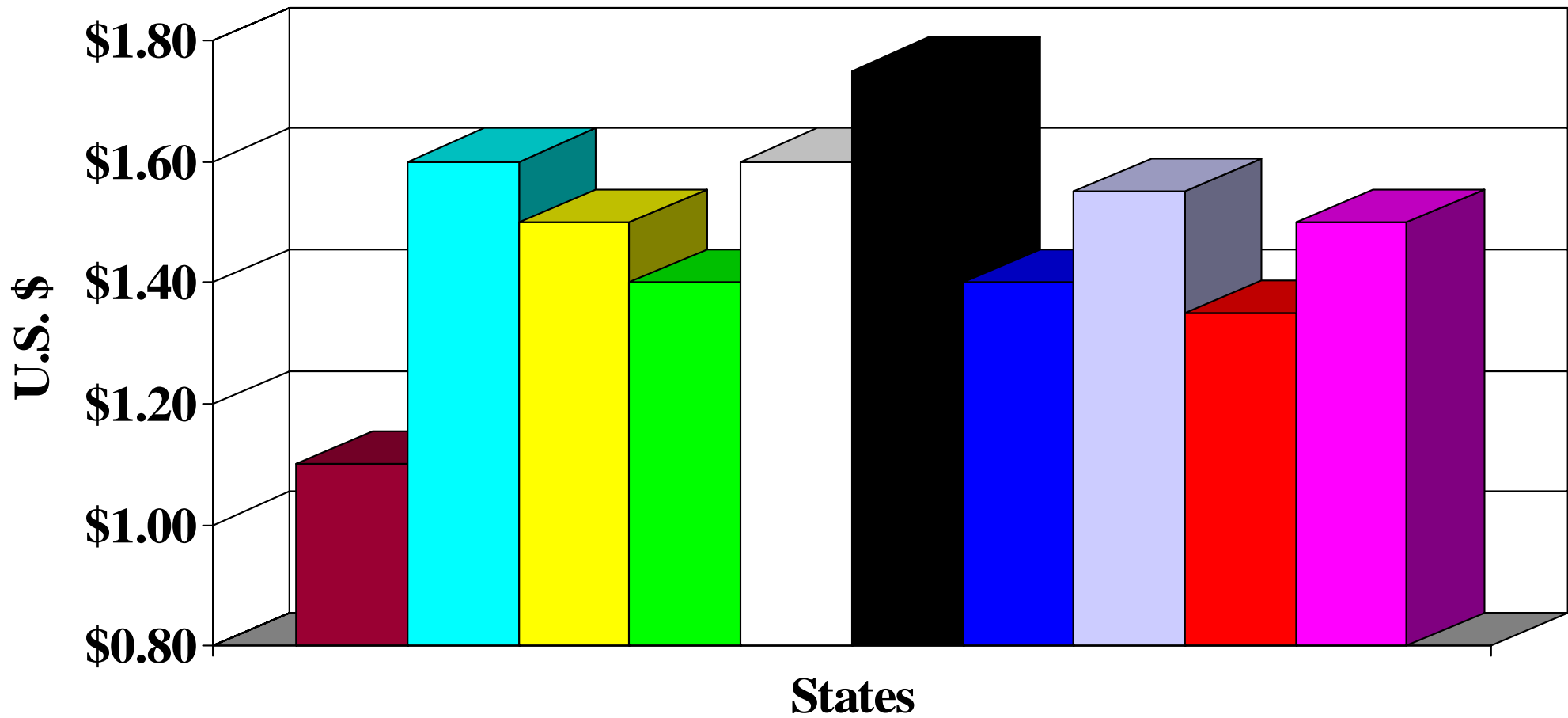
# 2004 Bulk Prices by Grade, U.S. by State

State	Lt Amber	Med Amber	Dk Amber	Grade B & C	All Grades
	U.S. Dollars Per Pound 1/				
CT	N/A	N/A	1.43	1.09	1.10
ME	1.79	1.73	1.50	1.25	1.60
MA	2.00	1.86	1.52	1.12	1.50
NH	1.88	1.68	1.51	0.97	1.40
VT	1.90	1.74	1.54	1.23	1.60
MI	2/	2/	2/	2/	1.75
NY	2/	2/	2/	2/	1.40
OH	2/	2/	2/	2/	1.55
PA	2/	2/	2/	2/	1.35
WI	2/	2/	2/	2/	1.50

1/ For dollars per gallon; multiply dollars per pound by 11.02 pounds per gallon.

2/ Only available in New England states.

# 2004 Bulk Prices All Grades, U.S. by State



■ CT ■ ME ■ MA ■ NH □ VT ■ MI ■ NY ■ OH ■ PA ■ WI

# Ontario Maple Syrup Production & Price Survey Results

<b>Annual Syrup Production in Ontario</b>		
Estimated from Survey		
2003	2004	2005
Liters		
1,021,760	1,177,048	1,025,559

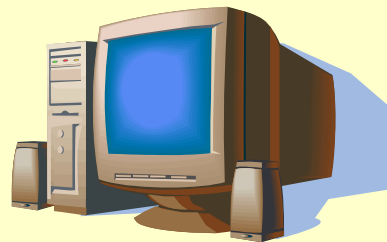
<b>2004 Provincial Packaging &amp; Prices 1/</b>		
Packaging	% Retail Sold	% Wholesale Sold
Tin	11.4%	13.1%
Plastic	52.1%	67.9%
Glass	36.5%	19.0%
Syrup Size	Avg Retail Price	Avg Wholesale Price
4 L	\$48.24	\$43.20
1 L	\$16.28	\$12.83
500 ml	\$9.38	\$7.76
250 ml	\$5.76	\$4.84
Grade of Syrup	Price of Bulk Syrup per Pound	
Light	\$2.13	
Medium	\$2.60	
Amber	\$1.76	
Dark	\$1.29	

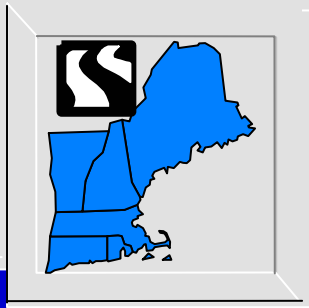
<b>2005 Provincial Production</b>	
Grade of Syrup	% Produced
Extra Light	23.2%
Light	30.0%
Medium	30.8%
Amber	12.7%
Dark	3.3%
Collection Method	% Used
Buckets	9.8%
Vacuum	79.1%
No Vacuum	11.1%
Convention Spout (7/16")	32.7%
Small Diameter (5/16", 19/64")	67.3%

1/ Prices are in Canadian dollars. Source: Dave Chapeskie, Agroforestry Specialist, OMAFRA.

# Electronic Data Reporting (EDR)

- What will you receive by mail?
  - A cover letter with:
    - Instructions on how to get into the system and complete the survey
    - Internet Address: <http://www.agcounts.usda.gov>
  - Survey Code to access the system (printed on your questionnaire)
- French Version? Not yet, but you can report on the English version.





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# New England Agricultural Statistics



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Gerald Tillman, Deputy Director

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- [Annual Bulletin](#) Ten years of agricultural statistics
- [Census Reports](#) 2002 preliminary statistics; 1997 Census of Agriculture, New England highlights by State and County
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Thank you and have a GREAT season!!

