



# UNITED STATES MAPLE SYRUP PRODUCTION

## NATIONAL AGRICULTURAL STATISTICS SERVICE

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**Maple syrup:** The 2019 United States maple syrup production totaled 4.24 million gallons, an increase of one percent from the previous year. The number of taps is estimated at 13.3 million, down 4 percent from the 2018 total. Yield per tap is estimated to be 0.318 gallon, up 5 percent from the previous season.

The earliest sap flow reported was January 5 in New York. The latest sap flow reported to open the season was March 1 in Wisconsin. On average, the season lasted 30 days, compared with 42 days in 2018. The 2018 United States average price per gallon was \$33.80, up \$0.70 from 2017. Value of production, at \$142 million for 2018, was down 2 percent from the previous season.

### Maple Syrup Taps, Yield, and Production – States and United States: 2017-2019

| State                            | Number of taps       |                      |                      | Yield per tap     |                   |                   | Production              |                         |                         |
|----------------------------------|----------------------|----------------------|----------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                                  | 2017<br>(1,000 taps) | 2018<br>(1,000 taps) | 2019<br>(1,000 taps) | 2017<br>(gallons) | 2018<br>(gallons) | 2019<br>(gallons) | 2017<br>(1,000 gallons) | 2018<br>(1,000 gallons) | 2019<br>(1,000 gallons) |
| Connecticut <sup>1</sup> .....   | 78                   | 73                   | (NA)                 | 0.231             | 0.247             | (NA)              | 18                      | 18                      | (NA)                    |
| Indiana <sup>1</sup> .....       | 70                   | 70                   | (NA)                 | 0.200             | 0.257             | (NA)              | 14                      | 18                      | (NA)                    |
| Maine .....                      | 1,900                | 1,870                | 1,900                | 0.376             | 0.288             | 0.305             | 715                     | 539                     | 580                     |
| Massachusetts <sup>1</sup> ..... | 320                  | 320                  | (NA)                 | 0.263             | 0.225             | (NA)              | 84                      | 72                      | (NA)                    |
| Michigan .....                   | 600                  | 600                  | 620                  | 0.250             | 0.275             | 0.315             | 150                     | 165                     | 195                     |
| Minnesota <sup>1</sup> .....     | 83                   | 65                   | (NA)                 | 0.205             | 0.200             | (NA)              | 17                      | 13                      | (NA)                    |
| New Hampshire .....              | 570                  | 560                  | 540                  | 0.281             | 0.291             | 0.274             | 160                     | 163                     | 148                     |
| New York .....                   | 2,650                | 2,730                | 2,800                | 0.287             | 0.295             | 0.293             | 760                     | 806                     | 820                     |
| Ohio <sup>1</sup> .....          | 420                  | 400                  | (NA)                 | 0.200             | 0.225             | (NA)              | 84                      | 90                      | (NA)                    |
| Pennsylvania .....               | 780                  | 670                  | 680                  | 0.212             | 0.212             | 0.231             | 165                     | 142                     | 157                     |
| Vermont .....                    | 5,900                | 5,670                | 6,000                | 0.339             | 0.342             | 0.345             | 2,000                   | 1,940                   | 2,070                   |
| West Virginia <sup>1</sup> ..... | 70                   | 66                   | (NA)                 | 0.157             | 0.121             | (NA)              | 11                      | 8                       | (NA)                    |
| Wisconsin .....                  | 760                  | 750                  | 800                  | 0.272             | 0.300             | 0.338             | 207                     | 225                     | 270                     |
| United States .....              | 14,201               | 13,844               | 13,340               | 0.309             | 0.303             | 0.318             | 4,385                   | 4,199                   | 4,240                   |

(NA) Not available.

<sup>1</sup> Estimates discontinued in 2019.

## Maple Syrup Price and Value – States and United States: 2017-2019

[Blank data cells indicate estimation period has not yet begun]

| State                            | Average price per gallon |           |                   | Value of production |                 |                   |
|----------------------------------|--------------------------|-----------|-------------------|---------------------|-----------------|-------------------|
|                                  | 2017                     | 2018      | 2019 <sup>1</sup> | 2017                | 2018            | 2019 <sup>1</sup> |
|                                  | (dollars)                | (dollars) | (dollars)         | (1,000 dollars)     | (1,000 dollars) | (1,000 dollars)   |
| Connecticut <sup>2</sup> .....   | 62.20                    | 76.00     | (NA)              | 1,120               | 1,368           | (NA)              |
| Indiana <sup>2</sup> .....       | 50.20                    | 50.20     | (NA)              | 703                 | 904             | (NA)              |
| Maine .....                      | 33.70                    | 40.20     |                   | 24,096              | 21,668          |                   |
| Massachusetts <sup>2</sup> ..... | 50.20                    | 53.00     | (NA)              | 4,217               | 3,816           | (NA)              |
| Michigan .....                   | 51.20                    | 38.90     |                   | 7,680               | 6,419           |                   |
| Minnesota <sup>2</sup> .....     | 66.60                    | 61.60     | (NA)              | 1,132               | 801             | (NA)              |
| New Hampshire .....              | 43.50                    | 56.10     |                   | 6,960               | 9,144           |                   |
| New York .....                   | 39.00                    | 32.40     |                   | 29,640              | 26,114          |                   |
| Ohio <sup>2</sup> .....          | 38.50                    | 45.40     | (NA)              | 3,234               | 4,086           | (NA)              |
| Pennsylvania .....               | 34.30                    | 39.00     |                   | 5,660               | 5,538           |                   |
| Vermont .....                    | 27.00                    | 28.00     |                   | 54,000              | 54,320          |                   |
| West Virginia <sup>2</sup> ..... | 36.70                    | 44.60     | (NA)              | 404                 | 357             | (NA)              |
| Wisconsin .....                  | 31.40                    | 32.40     |                   | 6,500               | 7,290           |                   |
| United States .....              | 33.10                    | 33.80     |                   | 145,346             | 141,825         |                   |

(NA) Not available.

<sup>1</sup> Price and value for 2019 will be published in *Crop Production* released June 2020.

<sup>2</sup> Estimates discontinued in 2019.

## Maple Syrup Season – States and United States: 2017-2019

| State                            | Date season opened <sup>1</sup> |        |        | Date season closed <sup>2</sup> |        |        | Average season length <sup>3</sup> |        |        |
|----------------------------------|---------------------------------|--------|--------|---------------------------------|--------|--------|------------------------------------|--------|--------|
|                                  | 2017                            | 2018   | 2019   | 2017                            | 2018   | 2019   | 2017                               | 2018   | 2019   |
|                                  | (date)                          | (date) | (date) | (date)                          | (date) | (date) | (days)                             | (days) | (days) |
| Connecticut <sup>4</sup> .....   | Jan 20                          | Jan 22 | (NA)   | Apr 25                          | Apr 30 | (NA)   | 42                                 | 43     | (NA)   |
| Indiana <sup>4</sup> .....       | Jan 1                           | Jan 10 | (NA)   | Apr 2                           | Apr 14 | (NA)   | 31                                 | 37     | (NA)   |
| Maine .....                      | Jan 16                          | Feb 1  | Jan 15 | May 26                          | May 3  | May 10 | 41                                 | 42     | 31     |
| Massachusetts <sup>4</sup> ..... | Jan 10                          | Feb 2  | (NA)   | Apr 13                          | Apr 21 | (NA)   | 42                                 | 42     | (NA)   |
| Michigan .....                   | Jan 26                          | Jan 23 | Feb 10 | Apr 20                          | May 1  | Apr 26 | 32                                 | 41     | 25     |
| Minnesota <sup>4</sup> .....     | Feb 12                          | Mar 1  | (NA)   | Apr 28                          | May 1  | (NA)   | 30                                 | 32     | (NA)   |
| New Hampshire .....              | Jan 7                           | Jan 28 | Jan 21 | Apr 22                          | May 2  | Apr 28 | 42                                 | 43     | 31     |
| New York .....                   | Jan 1                           | Jan 12 | Jan 5  | May 4                           | May 2  | May 1  | 43                                 | 52     | 32     |
| Ohio <sup>4</sup> .....          | Jan 1                           | Jan 18 | (NA)   | Apr 6                           | Apr 26 | (NA)   | 33                                 | 41     | (NA)   |
| Pennsylvania .....               | Jan 2                           | Jan 7  | Jan 10 | Apr 17                          | Apr 28 | May 1  | 39                                 | 45     | 35     |
| Vermont .....                    | Jan 1                           | Jan 12 | Jan 9  | May 14                          | May 3  | May 3  | 46                                 | 52     | 34     |
| West Virginia <sup>4</sup> ..... | Jan 5                           | Jan 19 | (NA)   | Apr 10                          | Apr 10 | (NA)   | 32                                 | 37     | (NA)   |
| Wisconsin .....                  | Feb 6                           | Feb 18 | Mar 1  | Apr 30                          | May 2  | Apr 30 | 29                                 | 36     | 24     |
| United States .....              | (NA)                            | (NA)   | (NA)   | (NA)                            | (NA)   | (NA)   | 37                                 | 42     | 30     |

(NA) Not applicable.

<sup>1</sup> Approximately the first day that sap was collected.

<sup>2</sup> Approximately the last day that sap was collected.

<sup>3</sup> The average number of days that sap was collected.

<sup>4</sup> Estimates discontinued in 2019.

### Maple Syrup Average Open and Close Season Dates – States and United States: 2017-2019

| State                            | Season Opened <sup>1</sup> |        |        | Season Closed <sup>2</sup> |        |        |
|----------------------------------|----------------------------|--------|--------|----------------------------|--------|--------|
|                                  | 2017                       | 2018   | 2019   | 2017                       | 2018   | 2019   |
|                                  | (date)                     | (date) | (date) | (date)                     | (date) | (date) |
| Connecticut <sup>3</sup> .....   | Feb 12                     | Feb 12 | (NA)   | Mar 26                     | Mar 26 | (NA)   |
| Indiana <sup>3</sup> .....       | Feb 9                      | Feb 10 | (NA)   | Mar 12                     | Mar 19 | (NA)   |
| Maine .....                      | Mar 2                      | Feb 26 | Mar 14 | Apr 12                     | Apr 9  | Apr 14 |
| Massachusetts <sup>3</sup> ..... | Feb 19                     | Feb 18 | (NA)   | Apr 2                      | Apr 1  | (NA)   |
| Michigan .....                   | Feb 24                     | Feb 28 | Mar 13 | Mar 28                     | Apr 10 | Apr 7  |
| Minnesota <sup>3</sup> .....     | Mar 4                      | Mar 21 | (NA)   | Apr 3                      | Apr 22 | (NA)   |
| New Hampshire .....              | Feb 24                     | Feb 24 | Mar 10 | Apr 7                      | Apr 8  | Apr 10 |
| New York .....                   | Feb 18                     | Feb 18 | Mar 6  | Apr 2                      | Apr 11 | Apr 7  |
| Ohio <sup>3</sup> .....          | Feb 11                     | Feb 14 | (NA)   | Mar 16                     | Mar 27 | (NA)   |
| Pennsylvania .....               | Feb 11                     | Feb 17 | Feb 25 | Mar 22                     | Apr 3  | Apr 1  |
| Vermont .....                    | Feb 23                     | Feb 23 | Mar 12 | Apr 10                     | Apr 16 | Apr 15 |
| West Virginia <sup>3</sup> ..... | Feb 3                      | Feb 4  | (NA)   | Mar 7                      | Mar 14 | (NA)   |
| Wisconsin .....                  | Mar 4                      | Mar 16 | Mar 21 | Apr 2                      | Apr 21 | Apr 14 |
| United States .....              | (NA)                       | (NA)   | (NA)   | (NA)                       | (NA)   | (NA)   |

(NA) Not applicable.

<sup>1</sup> Approximate average opened date based on reported data.

<sup>2</sup> Approximate average closed date based on reported data.

<sup>3</sup> Estimates discontinued in 2019.

### Maple Syrup Price by Type of Sale and Size of Container – States: 2017 and 2018

| Type and State      | Gallon    |           | 1/2 Gallon |           | Quart     |           | Pint      |           | 1/2 Pint  |           |
|---------------------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                     | 2017      | 2018      | 2017       | 2018      | 2017      | 2018      | 2017      | 2018      | 2017      | 2018      |
|                     | (dollars) | (dollars) | (dollars)  | (dollars) | (dollars) | (dollars) | (dollars) | (dollars) | (dollars) | (dollars) |
| <b>Retail</b>       |           |           |            |           |           |           |           |           |           |           |
| Connecticut .....   | 51.60     | 62.90     | 32.40      | 38.00     | 20.10     | 21.40     | 11.90     | 13.40     | 7.30      | 8.60      |
| Indiana .....       | 40.70     | 41.00     | 23.20      | 25.50     | 14.10     | 14.60     | 9.10      | 8.40      | 5.70      | 6.20      |
| Maine .....         | 54.10     | 53.40     | 31.10      | 31.40     | 17.40     | 17.50     | 10.40     | 10.60     | 6.10      | 6.60      |
| Massachusetts ..... | 48.90     | 53.80     | 31.00      | 32.60     | 19.30     | 19.50     | 11.40     | 12.60     | 7.20      | 9.00      |
| Michigan .....      | 47.00     | 46.70     | 26.70      | 26.50     | 15.20     | 15.80     | 9.30      | 10.50     | 6.90      | 7.10      |
| Minnesota .....     | 58.60     | 50.30     | 30.50      | 31.50     | 16.30     | 16.90     | 9.00      | 8.30      | 7.40      | 7.00      |
| New Hampshire ..... | 53.30     | 57.00     | 30.30      | 32.80     | 18.40     | 19.50     | 10.60     | 10.70     | 6.00      | 6.75      |
| New York .....      | 46.90     | 42.60     | 27.50      | 25.90     | 17.20     | 15.90     | 10.70     | 9.50      | 7.80      | 5.80      |
| Ohio .....          | 40.60     | 45.60     | 24.00      | 25.20     | 13.80     | 15.50     | 9.00      | 9.50      | 6.10      | 7.10      |
| Pennsylvania .....  | 41.40     | 47.20     | 24.70      | 26.80     | 14.20     | 16.00     | 8.20      | 9.40      | 5.10      | 5.60      |
| Vermont .....       | 44.80     | 45.30     | 26.60      | 26.40     | 16.10     | 16.70     | 9.90      | 9.70      | 5.90      | 7.50      |
| West Virginia ..... | 44.40     | 53.90     | 27.40      | 29.10     | 16.40     | 16.30     | 8.80      | 10.70     | 5.60      | 6.30      |
| Wisconsin .....     | 44.80     | 43.20     | 23.90      | 24.90     | 13.60     | 14.70     | 7.80      | 8.50      | 5.80      | 4.80      |
| <b>Wholesale</b>    |           |           |            |           |           |           |           |           |           |           |
| Connecticut .....   | (D)       | 53.60     | (D)        | (D)       | 15.10     | 16.60     | 8.50      | 8.00      | 5.00      | 5.40      |
| Indiana .....       | 42.70     | 32.80     | (D)        | 21.80     | 11.00     | 11.30     | (D)       | 5.30      | (S)       | (S)       |
| Maine .....         | 48.40     | 43.60     | 24.10      | 19.70     | 13.20     | 13.00     | 7.90      | 7.90      | 5.20      | 4.75      |
| Massachusetts ..... | 44.20     | 45.20     | 24.90      | 25.50     | 15.10     | 14.80     | 8.40      | 8.10      | 5.45      | 5.30      |
| Michigan .....      | 43.00     | 43.60     | 23.40      | 23.10     | 12.90     | 12.60     | 7.80      | 7.50      | 5.10      | 5.00      |
| Minnesota .....     | 46.90     | 45.00     | (D)        | (S)       | (D)       | 18.80     | (D)       | 10.40     | (D)       | (D)       |
| New Hampshire ..... | 44.90     | 47.30     | 21.80      | 26.40     | 12.80     | 15.20     | 7.70      | 8.25      | 4.80      | 6.15      |
| New York .....      | 46.00     | 37.40     | 25.00      | 23.60     | 14.10     | 12.80     | 9.20      | 7.90      | 6.60      | 4.70      |
| Ohio .....          | 39.50     | 40.20     | 22.50      | 21.40     | 14.30     | 13.10     | 7.70      | 7.40      | 6.10      | 4.40      |
| Pennsylvania .....  | 29.70     | 29.80     | 21.90      | 19.10     | 13.70     | 13.00     | 7.60      | 7.70      | 4.70      | 4.00      |
| Vermont .....       | 40.10     | 38.80     | 22.20      | 22.80     | 12.90     | 13.50     | 7.40      | 7.60      | 4.40      | 4.40      |
| West Virginia ..... | 50.00     | (D)       | 26.20      | 24.60     | 16.70     | 14.80     | 8.50      | 9.00      | 5.40      | 5.00      |
| Wisconsin .....     | 39.40     | 43.80     | 23.00      | 23.70     | 11.10     | 12.90     | 6.50      | 6.80      | 4.10      | 5.60      |

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

### Maple Syrup Bulk Price – States: 2017 and 2018

| State               | Bulk all grades     |                     | Bulk all grades      |                      |
|---------------------|---------------------|---------------------|----------------------|----------------------|
|                     | 2017                | 2018                | 2017                 | 2018                 |
|                     | (dollars per pound) | (dollars per pound) | (dollars per gallon) | (dollars per gallon) |
| Connecticut .....   | (D)                 | (D)                 | (D)                  | (D)                  |
| Indiana .....       | 3.00                | 3.25                | 32.90                | 35.60                |
| Maine .....         | 2.26                | 2.16                | 24.90                | 23.80                |
| Massachusetts ..... | 2.40                | 2.60                | 26.60                | 28.70                |
| Michigan .....      | 2.55                | 2.30                | 28.20                | 25.50                |
| Minnesota .....     | 2.50                | 3.50                | 27.50                | 38.40                |
| New Hampshire ..... | 2.05                | 2.15                | 22.70                | 23.50                |
| New York .....      | 2.10                | 2.10                | 22.90                | 23.20                |
| Ohio .....          | 2.20                | 2.40                | 24.40                | 26.55                |
| Pennsylvania .....  | 2.19                | 2.16                | 24.10                | 23.80                |
| Vermont .....       | 2.20                | 2.20                | 24.20                | 24.20                |
| West Virginia ..... | 2.70                | 2.90                | 29.70                | 32.20                |
| Wisconsin .....     | 2.10                | 2.10                | 23.30                | 23.20                |

(D) Withheld to avoid disclosing data for individual operations.

### Maple Syrup Percent of Sales by Type – States: 2017 and 2018

| State               | Retail    |           | Wholesale |           | Bulk      |           |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|
|                     | 2017      | 2018      | 2017      | 2018      | 2017      | 2018      |
|                     | (percent) | (percent) | (percent) | (percent) | (percent) | (percent) |
| Connecticut .....   | (D)       | 68        | 41        | 27        | (D)       | 5         |
| Indiana .....       | 56        | 86        | 40        | 9         | 4         | 5         |
| Maine .....         | 2         | 19        | 1         | 17        | 97        | 64        |
| Massachusetts ..... | 37        | 40        | 29        | 27        | 34        | 33        |
| Michigan .....      | 38        | 39        | 35        | 28        | 27        | 33        |
| Minnesota .....     | 83        | 55        | 5         | 25        | 12        | 20        |
| New Hampshire ..... | 37        | 54        | 17        | 11        | 46        | 35        |
| New York .....      | 23        | 25        | 20        | 8         | 57        | 67        |
| Ohio .....          | 42        | 46        | 16        | 21        | 42        | 33        |
| Pennsylvania .....  | 33        | 44        | 14        | 12        | 53        | 44        |
| Vermont .....       | 6         | 9         | 2         | 4         | 92        | 87        |
| West Virginia ..... | 12        | 23        | 6         | 17        | 82        | 60        |
| Wisconsin .....     | 16        | 19        | 13        | 16        | 71        | 65        |

(D) Withheld to avoid disclosing data for individual operations.

The complete Crop Production Report which includes maple syrup production is available at:

<https://usda.library.cornell.edu/concern/publications/tm70mv177>.

All other NASS reports are available at [www.nass.usda.gov](http://www.nass.usda.gov).

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