

2010 Fluoridation Statistics

Data by Year

| | |
|------|------|
| 2018 | 2008 |
| 2016 | 2006 |
| 2014 | 2004 |
| 2012 | 2002 |
| 2010 | 2000 |

These statistics were prepared using water system data reported by states to the CDC Water Fluoridation Reporting System as of December 31, 2010, and the U.S. Census Bureau estimates from 2010.

2010 National Water Fluoridation Statistics

| | |
|---|-------------|
| Total U.S. population, persons ^a | 308,745,538 |
| U.S. population on community water systems (CWS), persons ^b | 276,607,387 |
| Total U.S. population on fluoridated drinking water systems, persons ^b | 204,283,554 |
| Percentage of U.S. population receiving fluoridated water ^c | 66.2% |
| Percentage of U.S. population on CWS receiving fluoridated water ^d | 73.9% |
| Total number of CWS in United States ^b | 54,293 |
| Number of CWS providing fluoridated water ^b | 18,427 |
| Number of CWS adjusting fluoride ^b | 6,042 |
| Number of CWS consecutive to systems with optimal fluoride levels ^b | 6,795 |
| Number of CWS with naturally occurring fluoride at or above optimal levels ^b | 5,590 |
| Population served by CWS with naturally occurring fluoride ^b | 10,077,922 |

2010 State Fluoridation Percentage Calculations and States Ranked by Fluoridation Percentage

| State | Persons receiving fluoridated water | Persons served by CWS | % | Rank |
|---------------|-------------------------------------|-----------------------|------|------|
| United States | 204,283,554 | 276,607,387 | 73.9 | |

| State | Persons receiving fluoridated water | Persons served by CWS | % | Rank |
|----------------------------|-------------------------------------|-----------------------|-------|-------------|
| Alabama ^e | 3,821,766 | 4,779,736 | 80.0 | 22 |
| Alaska | 404,039 | 643,373 | 62.8% | 36 |
| Arizona | 3,114,799 | 5,493,584 | 56.7% | 38 |
| Arkansas | 1,724,131 | 2,666,306 | 64.7% | Tied for 33 |
| California ^f | 22,812,721 | 36,756,666 | 62.1% | 37 |
| Colorado ^e | 3,523,554 | 5,029,196 | 70.1% | 31 |
| Connecticut | 2,370,423 | 2,604,427 | 91.0% | 14 |
| Delaware | 705,344 | 818,110 | 86.2% | 19 |
| District of Columbia | 595,000 | 595,000 | 100% | |
| Florida | 13,377,651 | 17,156,553 | 78.0% | 25 |
| Georgia ^e | 8,924,598 | 9,687,653 | 92.1% | 11 |
| Hawaii ^f | 139,598 | 1,290,549 | 10.8% | 50 |
| Idaho | 335,127 | 1,099,561 | 30.5% | 46 |
| Illinois | 11,325,132 | 11,403,176 | 99.3% | 3 |
| Indiana | 4,326,732 | 4,582,296 | 94.4% | 8 |
| Iowa | 2,344,818 | 2,541,455 | 92.3% | 10 |
| Kansas | 1,155,071 | 1,775,588 | 65.1% | 32 |
| Kentucky ^e | 4,334,223 | 4,339,367 | 99.9% | 1 |
| Louisiana ^e | 1,846,149 | 4,533,372 | 40.7% | 43 |
| Maine | 521,414 | 660,367 | 79.0% | 24 |
| Maryland | 5,140,618 | 5,151,947 | 99.8% | 2 |
| Massachusetts ^e | 4,626,859 | 6,547,629 | 70.7% | 29 |
| Michigan | 7,322,410 | 7,996,744 | 91.6% | Tied for 12 |
| Minnesota | 4,117,266 | 4,166,424 | 98.8% | 4 |
| Mississippi ^e | 1,639,348 | 2,967,297 | 55.2% | 40 |
| Missouri | 3,966,102 | 4,966,951 | 79.8% | 23 |
| Montana | 233,221 | 788,805 | 29.6% | 47 |
| Nebraska | 1,001,665 | 1,425,929 | 70.2% | 30 |

| State | Persons receiving fluoridated water | Persons served by CWS | % | Rank |
|-----------------------|-------------------------------------|-----------------------|-------|-------------|
| Nevada | 1,855,460 | 2,544,079 | 72.9% | 28 |
| New Hampshire | 357,262 | 832,631 | 42.9% | 42 |
| New Jersey | 1,111,624 | 8,221,293 | 13.5% | 49 |
| New Mexico | 1,210,777 | 1,571,600 | 77.0% | 26 |
| New York ^e | 14,468,141 | 19,378,102 | 74.7% | 27 |
| North Carolina | 6,174,598 | 7,072,012 | 87.3% | 17 |
| North Dakota | 559,246 | 577,325 | 96.9% | 5 |
| Ohio | 8,772,683 | 10,005,412 | 87.7% | 16 |
| Oklahoma | 2,296,459 | 3,547,668 | 64.7% | Tied for 33 |
| Oregon | 833,227 | 3,688,540 | 22.6% | 48 |
| Pennsylvania | 5,802,260 | 10,636,421 | 54.6% | 41 |
| Rhode Island | 853,580 | 1,000,413 | 85.3% | 20 |
| South Carolina | 3,434,565 | 3,944,594 | 87.1% | 18 |
| South Dakota | 642,942 | 678,028 | 94.8% | 7 |
| Tennessee | 5,336,600 | 5,827,549 | 91.6% | Tied for 12 |
| Texas | 19,362,219 | 24,080,084 | 80.4% | 21 |
| Utah ^e | 918,473 | 2,763,885 | 33.2% | 45 |
| Vermont | 256,006 | 452,116 | 56.6% | 39 |
| Virginia | 6,124,274 | 6,403,141 | 95.6% | 6 |
| Washington | 3,490,031 | 5,402,328 | 64.6% | 35 |
| West Virginia | 1,208,015 | 1,307,369 | 92.4% | 9 |
| Wisconsin | 3,300,037 | 3,755,613 | 87.9% | 15 |
| Wyoming | 165,296 | 449,223 | 36.8% | 44 |

Footnotes

a. Census Population Count 2010. Intercensal Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2010. Source: Population Estimates Program, U.S. Census Bureau. Internet release date: December 21, 2011.

b. Reported in CDC Water Fluoridation Reporting System (WFRS). For purposes of this report, a water system is considered a community water system if so designated by the state drinking water administrator in accordance with the regulatory requirements of the U.S. Environmental Protection Agency. In general, public water systems provide water for human

consumption through pipes or other constructed conveyances to at least 15 service connections, or serves an average of at least 25 people for at least 60 days a year. A community water system is a public water system that supplies water to the same population year-round. Available at <http://water.epa.gov/infrastructure/drinkingwater/pws/factoids.cfm>.

- c. Fluoridated population divided by total population.
- d. Fluoridated population divided by population served by community water systems.
- e. Population served by CWS exceeded the U.S. Census state population estimate; number of persons was reduced by the ratio of the population estimate to the CWS population estimate.
- f. Complete data were not available from WFRS; state provided additional information.

Additional Resources

More detail on U.S. Census Bureau estimates can be found at [Calculating Fluoridation Statistics](#)

Historical fluoridation statistics are available at [Fluoridation Statistics](#)