

2018 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, 2018, the [U.S. Census Bureau state population estimates for July 2018](#), and population estimates served by public water supply as of 2015, [as published](#) by the U.S. Geological Survey June 19, 2018.

2018 National Water Fluoridation Statistics

Total US population, persons ^a	327,167,434
US population on community water systems (CWS), persons ^{b,c}	284,075,868
Total US population on fluoridated drinking water systems, persons ^{b,c}	207,426,536
Percentage of US population receiving fluoridated water ^{c,d}	63.4%
Percentage of US population on CWS receiving fluoridated water ^{c,e}	73.0%
Total number of CWS in United States ^b	52,221
Number of CWS providing fluoridated water ^b	17,917
Number of CWS adjusting fluoride ^b	5,753
Number of CWS consecutive to systems with optimal fluoride levels ^b	6,340
Number of CWS with naturally occurring fluoride at or above optimal levels ^b	5,727
Population served by CWS with naturally occurring fluoride at or above optimal levels ^{b,c}	12,059,342

2018 State Fluoridation Percentage Calculations and States Ranked by Fluoridation Percentage

State	Persons Receiving Fluoridated Water ^c	Persons Served by CWS ^c	% Population Served by CWS Receiving Fluoridated Water	Rank ^f
US	207,426,536	284,075,868	73.0%	

State	Persons Receiving Fluoridated Water ^c	Persons Served by CWS ^c	% Population Served by CWS Receiving Fluoridated Water	Rank ^f
Alabama	3,388,374	4,345,270	78.0%	24
Alaska	272,280	548,898	49.6%	44
Arizona	4,028,381	6,942,498	58.0%	38
Arkansas	2,448,389	2,867,653	85.4%	21
California	22,613,284	38,106,418	59.3%	37
Colorado	4,040,612	5,396,543	74.9%	29
Connecticut	2,431,568	2,715,564	89.5%	15
Delaware	670,879	781,453	85.9%	20
District of Columbia	702,455	702,455	100.0%	1
Florida	14,566,063	18,714,257	77.8%	25
Georgia	8,531,824	8,959,918	95.2%	7
Hawaii	120,106	1,364,632	8.8%	51
Idaho	422,483	1,334,224	31.7%	47
Illinois	11,386,618	11,600,611	98.2%	4
Indiana	4,615,264	4,996,245	92.4%	11
Iowa	2,280,194	2,526,141	90.3%	14
Kansas	1,799,573	2,762,230	65.1%	34
Kentucky	4,016,850	4,023,426	99.8%	2
Louisiana	1,627,351	4,169,527	39.0%	46
Maine	533,959	673,397	79.3%	23
Maryland	4,317,542	4,610,160	93.7%	10
Massachusetts	3,593,419	6,276,435	57.3%	39
Michigan	6,605,118	7,379,404	89.5%	16
Minnesota	4,356,770	4,408,195	98.8%	3
Mississippi	1,549,996	2,552,607	60.7%	36
Missouri	4,007,462	5,299,333	75.6%	27
Montana	229,620	749,018	30.7%	48

State	Persons Receiving Fluoridated Water ^c	Persons Served by CWS ^c	% Population Served by CWS Receiving Fluoridated Water	Rank ^f
Nebraska	1,106,087	1,545,849	71.6%	31
Nevada	2,124,516	2,832,273	75.0%	28
New Hampshire	396,895	849,619	46.7%	45
New Jersey	1,291,123	7,947,833	16.2%	50
New Mexico	1,381,128	1,801,817	76.7%	26
New York	12,200,464	17,074,791	71.5%	32
North Carolina	6,915,858	7,894,251	87.6%	18
North Dakota	688,710	713,531	96.5%	5
Ohio	9,083,082	9,816,237	92.5%	10
Oklahoma	2,417,819	3,583,323	67.5%	33
Oregon	930,527	3,533,823	26.3%	49
Pennsylvania	5,203,809	9,335,064	55.7%	42
Rhode Island	785,748	944,353	83.2%	22
South Carolina	3,543,429	3,855,997	91.9%	12
South Dakota	706,191	753,308	93.7%	8
Tennessee	5,470,615	6,160,242	88.8%	17
Texas	19,861,964	27,327,755	72.7%	31
Utah	1,614,982	3,096,343	52.2%	43
Vermont	214,896	382,403	56.2%	41
Virginia	6,675,987	6,459,585	96.3	6
Washington	4,128,148	6,459,585	63.9%	35
West Virginia	1,290,637	1,422,373	90.7%	13
Wisconsin	3,670,473	4,203,809	87.3%	19
Wyoming	262,712	460,371	57.1%	40

Footnotes

^a Census Population Count 2018. Annual Estimates of the Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2018. Source: U.S. Census Bureau, Population Division. Release Date: December 2018. Available at <https://www.census.gov/newsroom/press-kits/2018/pop-estimates-national-state.html>

^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. A community water system (CWS) supplies water to the same population year-round. It serves at least 25 people at their primary residences or at least 15 residences that are primary residences (for example, municipalities, mobile home park, sub-divisions).

<http://water.epa.gov/infrastructure/drinkingwater/pws/factoids.cfm> .

^c State populations served by CWS reported in WFRS are controlled using a product of the U.S. Census state population estimate and the U.S. Geological Survey's estimate of the percentages of state populations on public water systems. Populations served by each CWS are controlled proportionately within each state. For details on the population controlling method used, see [Calculating Fluoridation Statistics](#). U.S. Geological Survey: Dieter, C.A., Maupin, M.A., Caldwell, R.R., Harris, M.A., Ivahnenko, T.I., Lovelace, J.K., Barber, N.L., and Linsey, K.S., 2018, Estimated use of water in the United States in 2015: U.S. Geological Survey Circular 1441, 65 p., <https://doi.org/10.3133/cir1441> . [Supersedes USGS Open-File Report 2017-1131.]

^d Fluoridated population divided by total population.

^e Fluoridated population divided by population served by community water systems.

^f Rank is based on highest to lowest percentage of population served by CWS receiving fluoridated water. Includes all states and Washington DC (51 total rankings).

^g Complete data were not available from WFRS. State provided additional information.