

PFAS in U.S. drinking water, county by county

Each county is colored by the most elevated EPA UCMR 5 result among the monitored public water systems that serve it — its **highest single result** — and by which measure (PFOA, PFOS or the Hazard Index) is furthest above its 2024 federal limit.

733

of 3,234 counties have a monitored system at or above a limit (22.7%)

1,763

of 10,313 monitored systems at or above a limit

81.8 M

people served by those systems — 26.8% of the 305.2 M served by monitored systems

PFOA SETS THE COLOR

1–3 × its limit	211
≥ 3 × its limit	73

PFOS SETS THE COLOR

1–3 × its limit	230
≥ 3 × its limit	172

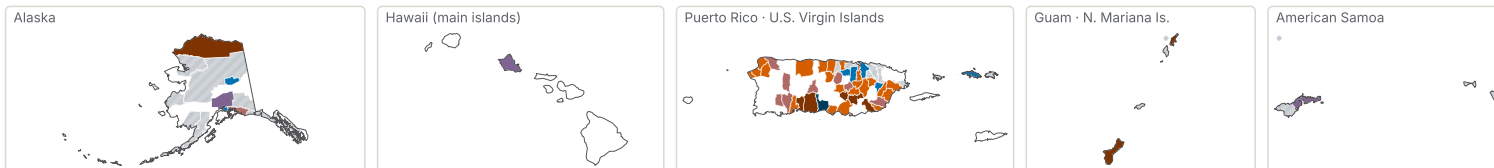
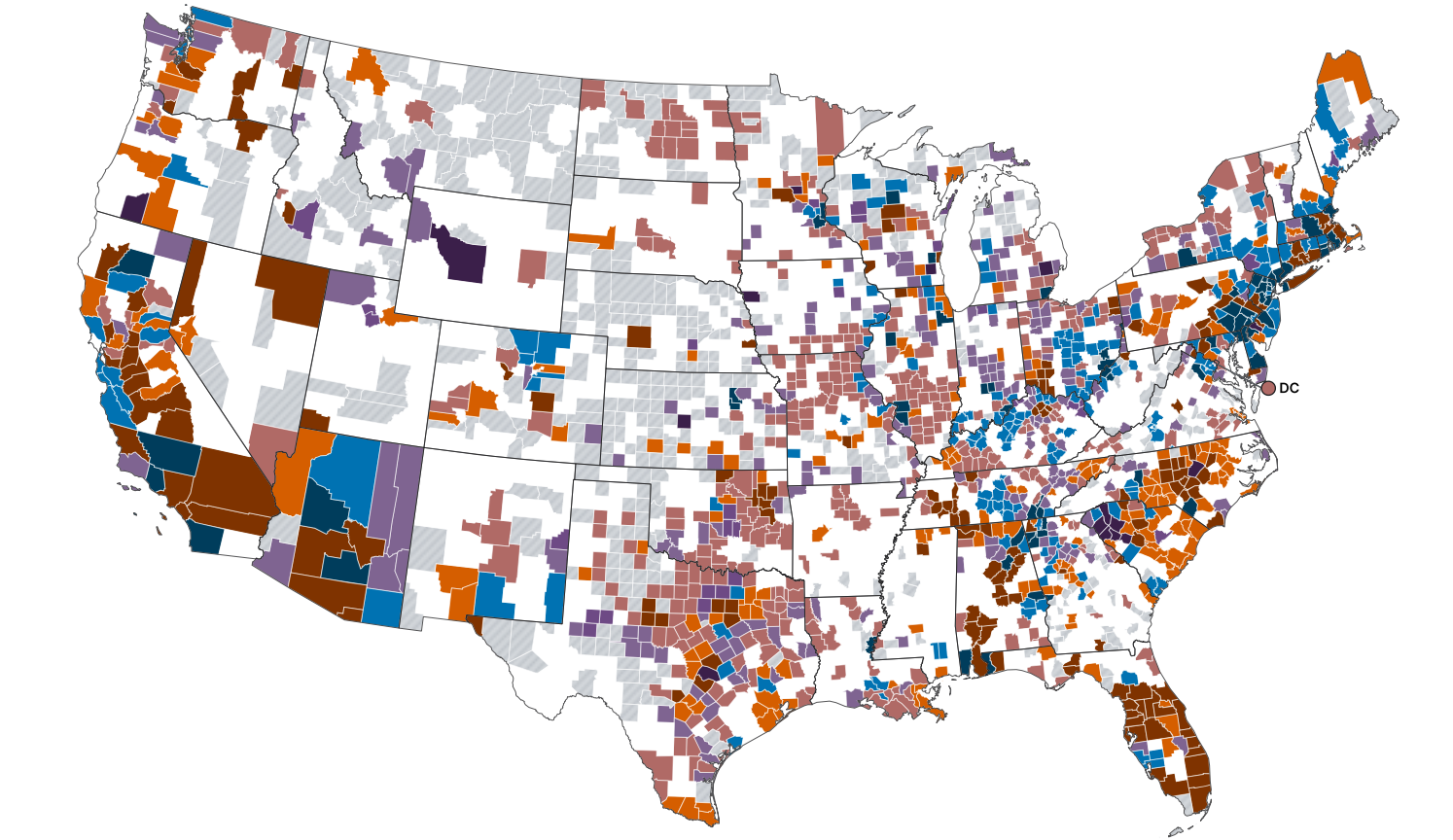
HAZARD INDEX SETS THE COLOR

below its limit	237
1–3 × its limit	31
≥ 3 × its limit	16

OTHER

Other PFAS detected	429
No PFAS detected	1,325
No UCMR 5 - tested system	510

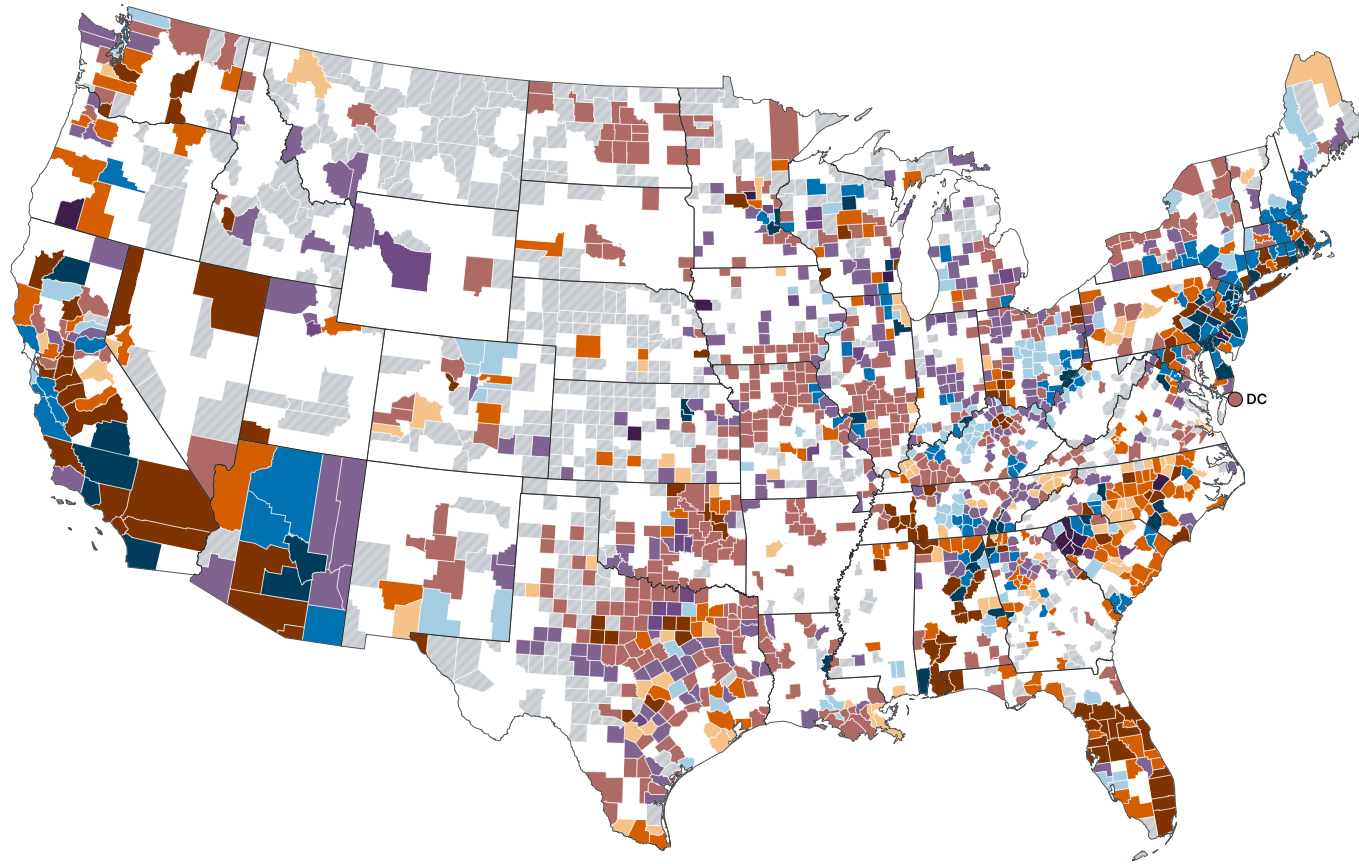
Numbers are counties.



County color = the most elevated UCMR 5-monitored system serving the county (the rule used on every Project Abacus state map); it does not describe every address in the county. EPA-regulated tribal systems are counted in the statistics but not in county colors. Alaska, Hawaii and the territories are drawn in boxes, not to scale. PFOA and PFOS have no “below its limit” class here: their reporting limit (4 ppt) equals the limit, so any reported result is at or above it.

The same map, using entry - point averages

Here each county uses its most elevated system's **worst entry - point average** — each entry point's samples averaged, then the highest — which is less sensitive to a single high sample. Page 1 shows the highest single result.



497

of 3,234 counties have a monitored system at or above a limit (15.4%)

1,198

of 10,313 monitored systems at or above a limit

57.2 M

people served by those systems — 18.7% of the 305.2 M served by monitored systems

PFOA SETS THE COLOR

below its limit	109
1–3 × its limit	108
≥ 3 × its limit	54

PFOS SETS THE COLOR

below its limit	103
1–3 × its limit	169
≥ 3 × its limit	127

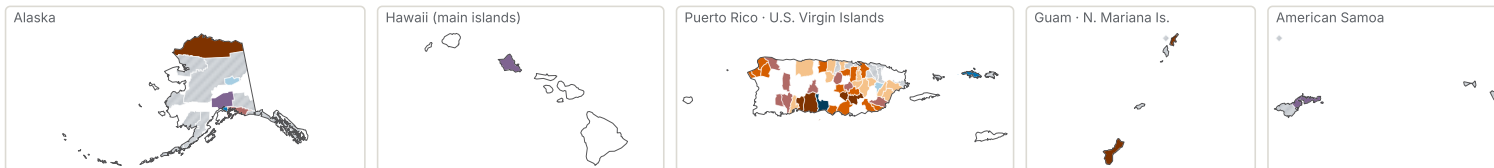
HAZARD INDEX SETS THE COLOR

below its limit	261
1–3 × its limit	27
≥ 3 × its limit	12

OTHER

Other PFAS detected	429
No PFAS detected	1,325
No UCMR 5 - tested system	510

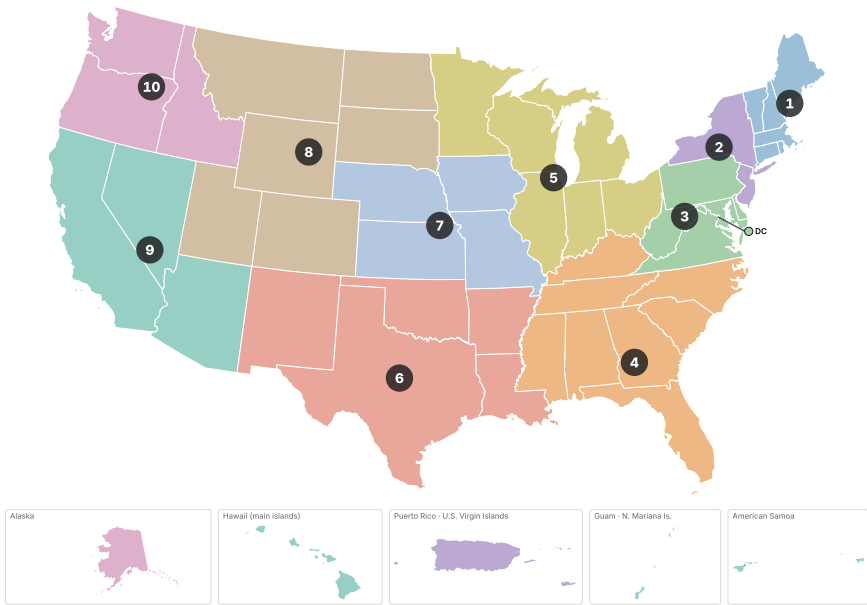
Numbers are counties.



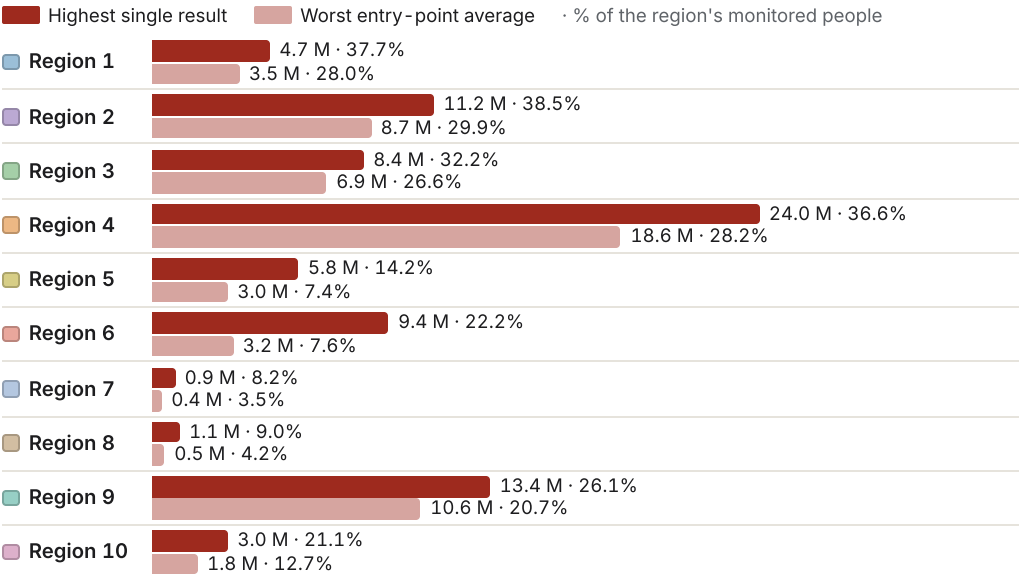
County color = the most elevated UCMR 5-monitored system serving the county (the rule used on every Project Abacus state map); it does not describe every address in the county. EPA-regulated tribal systems are counted in the statistics but not in county colors. Alaska, Hawaii and the territories are drawn in boxes, not to scale. Entry - point average: the mean of an entry point's samples, non - detects as 0 — a screening value, not a compliance calculation.

Results by EPA region

Region 4 (regional office in Atlanta) has the most monitored systems at or above a limit (552, serving 24.0 million people). Regions differ in how many systems they have, how large those systems are and their mix of sources, so the shares describe where results were found, not why.



People served by monitored systems at or above a limit



EPA REGION	MONITORED BY UCMR 5				PFAS DETECTED		AT OR ABOVE A LIMIT — HIGHEST RESULT				ENTRY-PT. AVERAGE		EPA METHOD	TOP 100	COUNTIES ≥ LIMIT	MONITORED SYSTEMS
	LISTED SYSTEMS	SYSTEMS	% OF LISTED	PEOPLE	SYSTEMS	% OF MON.	SYSTEMS	PEOPLE SERVED	% OF MON. PEOPLE	2+ SPECIES	SYSTEMS	% OF MON. PEOPLE				
Region 1 CT, MA, ME, NH, RI, VT	4,476	487	10.9%	12.4 M	231	47.4%	178	4.7 M	37.7%	100	131	28.0%	123	4	32 / 67	
Region 2 NJ, NY, PR, VI	4,751	704	14.8%	29.0 M	314	44.6%	237	11.2 M	38.5%	121	172	29.9%	165	10	71 / 164	
Region 3 DC, DE, MD, PA, VA, WV	6,232	786	12.6%	26.0 M	314	39.9%	191	8.4 M	32.2%	117	144	26.6%	144	10	70 / 283	
Region 4 AL, FL, GA, KY, MS, NC, SC, TN	9,681	2,177	22.5%	65.7 M	813	37.3%	552	24.0 M	36.6%	367	386	28.2%	362	46	261 / 736	
Region 5 IL, IN, MI, MN, OH, WI	11,500	1,794	15.6%	40.8 M	510	28.4%	159	5.8 M	14.2%	50	98	7.4%	90	3	103 / 524	
Region 6 AR, LA, NM, OK, TX	9,211	1,855	20.1%	42.2 M	761	41.0%	135	9.4 M	22.2%	51	41	7.6%	38	1	76 / 503	
Region 7 IA, KS, MO, NE	4,478	541	12.1%	11.3 M	147	27.2%	27	923,687	8.2%	7	15	3.5%	13	·	29 / 412	
Region 8 CO, MT, ND, SD, UT, WY	4,283	472	11.0%	12.2 M	78	16.5%	26	1.1 M	9.0%	10	9	4.2%	8	·	18 / 291	
Region 9 AS, AZ, CA, GU, HI, MP, NV	6,120	1,021	16.7%	51.3 M	323	31.6%	203	13.4 M	26.1%	131	163	20.7%	159	23	50 / 105	
Region 10 AK, ID, OR, WA	5,725	476	8.3%	14.3 M	104	21.8%	55	3.0 M	21.1%	27	39	12.7%	34	3	23 / 149	
United States	66,457	10,313	15.5%	305.2 M	3,595	34.9%	1,763	81.8 M	26.8%	981	1,198	18.7%	1,136	100	733 / 3,234	

States and territories by EPA region

Monitored systems bar (highest single result): No PFAS detected Detected, all below limits 1 species at or above (or HI only) 2 or more species at or above

STATE / TERRITORY	MONITORED BY UCMR 5				PFAS DETECTED		AT OR ABOVE A LIMIT — HIGHEST RESULT				ENTRY-PT. AVERAGE		EPA METHOD	TOP 100	COUNTIES ≥ LIMIT	MONITORED SYSTEMS
	LISTED SYSTEMS	SYSTEMS	% OF LISTED	PEOPLE	SYSTEMS	% OF MON.	SYSTEMS	PEOPLE SERVED	% OF MON. PEOPLE	2+ SPECIES	SYSTEMS	% OF MON. PEOPLE				
Region 1 · Boston	4,476	487	10.9%	12.4 M	231	47.4%	178	4.7 M	37.7%	100	131	28.0%	123	4	32 / 67	
Connecticut	952	65	6.8%	2.6 M	41	63.1%	36	1.7 M	65.1%	25	30	58.2%	29	·	8 / 8	
Maine	769	41	5.3%	534,139	10	24.4%	5	55,766	10.4%	2	3	5.4%	2	·	6 / 16	
Massachusetts	772	263	34.1%	7.1 M	144	54.8%	109	2.3 M	32.2%	60	80	20.2%	75	4	9 / 14	
New Hampshire	1,160	51	4.4%	732,663	18	35.3%	16	313,322	42.8%	7	10	32.3%	9	·	4 / 10	
Rhode Island	169	29	17.2%	1.1 M	15	51.7%	11	280,093	26.6%	6	8	21.0%	8	·	4 / 5	
Vermont	654	38	5.8%	300,669	3	7.9%	1	378	0.1%	0	0	0.0%	0	·	1 / 14	
Region 2 · New York	4,751	704	14.8%	29.0 M	314	44.6%	237	11.2 M	38.5%	121	172	29.9%	165	10	71 / 164	
New Jersey	1,179	266	22.6%	8.8 M	174	65.4%	156	6.9 M	77.8%	97	120	59.3%	114	5	20 / 21	
New York	2,947	336	11.4%	17.1 M	100	29.8%	52	2.5 M	14.4%	20	34	11.3%	33	3	18 / 62	
Puerto Rico	454	99	21.8%	3.0 M	39	39.4%	28	1.8 M	60.8%	4	17	50.1%	17	2	32 / 78	
U.S. Virgin Islands	171	3	1.8%	69,550	1	33.3%	1	550	0.8%	0	1	0.8%	1	·	1 / 3	
Region 3 · Philadelphia	6,232	786	12.6%	26.0 M	314	39.9%	191	8.4 M	32.2%	117	144	26.6%	144	10	70 / 283	
Delaware	286	36	12.6%	953,801	17	47.2%	14	724,134	75.9%	8	12	66.8%	12	1	3 / 3	
District of Columbia	5	3	60.0%	669,534	3	100.0%	0	0	0.0%	0	0	0.0%	0	·	0 / 1	
Maryland	1,014	83	8.2%	5.4 M	30	36.1%	16	169,268	3.2%	12	15	3.0%	15	1	8 / 24	
Pennsylvania	2,900	390	13.4%	10.7 M	176	45.1%	120	4.9 M	45.3%	82	93	39.7%	93	4	29 / 67	
Virginia	1,554	171	11.0%	7.1 M	54	31.6%	20	2.5 M	34.9%	11	13	24.8%	13	1	19 / 133	
West Virginia	473	103	21.8%	1.2 M	34	33.0%	21	161,388	13.3%	4	11	8.6%	11	3	11 / 55	
Region 4 · Atlanta	9,681	2,177	22.5%	65.7 M	813	37.3%	552	24.0 M	36.6%	367	386	28.2%	362	46	261 / 736	
Alabama	524	308	58.8%	6.1 M	117	38.0%	82	2.0 M	32.3%	59	60	25.2%	56	4	30 / 67	
Florida	2,375	409	17.2%	21.4 M	195	47.7%	161	11.1 M	51.9%	107	132	46.8%	127	29	34 / 67	
Georgia	1,905	256	13.4%	9.8 M	81	31.6%	45	1.8 M	18.8%	32	29	14.1%	27	2	35 / 159	
Kentucky	388	231	59.5%	4.8 M	87	37.7%	32	1.3 M	27.7%	9	9	4.1%	9	·	41 / 120	
Mississippi	1,089	239	21.9%	2.3 M	9	3.8%	7	98,706	4.3%	4	5	3.7%	5	1	8 / 82	
North Carolina	2,287	292	12.8%	9.0 M	146	50.0%	118	4.2 M	46.4%	77	76	30.4%	68	5	46 / 100	
South Carolina	641	165	25.7%	4.5 M	91	55.2%	70	2.5 M	54.1%	59	57	48.7%	53	2	33 / 46	
Tennessee	472	277	58.7%	7.7 M	87	31.4%	37	1.0 M	13.2%	20	18	4.7%	17	3	34 / 95	
Region 5 · Chicago	11,500	1,794	15.6%	40.8 M	510	28.4%	159	5.8 M	14.2%	50	98	7.4%	90	3	103 / 524	
Illinois	2,207	487	22.1%	11.1 M	128	26.3%	30	519,669	4.7%	9	15	3.3%	13	·	19 / 102	
Indiana	1,367	230	16.8%	4.8 M	55	23.9%	21	480,059	10.0%	4	6	3.5%	6	·	15 / 92	
Michigan	2,823	324	11.5%	6.8 M	44	13.6%	8	243,255	3.6%	2	5	3.2%	5	·	7 / 83	
Minnesota	1,472	200	13.6%	4.2 M	88	44.0%	17	387,885	9.2%	7	11	6.8%	10	·	11 / 87	
Ohio	1,695	347	20.5%	10.0 M	142	40.9%	60	3.9 M	38.6%	16	40	17.1%	37	1	32 / 88	
Wisconsin	1,936	206	10.6%	3.8 M	53	25.7%	23	296,692	7.9%	12	21	6.9%	19	2	19 / 72	

States and territories by EPA region (continued)

Monitored systems bar (highest single result): No PFAS detected Detected, all below limits 1 species at or above (or HI only) 2 or more species at or above

STATE / TERRITORY	MONITORED BY UCMR 5				PFAS DETECTED		AT OR ABOVE A LIMIT — HIGHEST RESULT				ENTRY-PT. AVERAGE		EPA METHOD	TOP 100	COUNTIES ≥ LIMIT	MONITORED SYSTEMS
	LISTED SYSTEMS	SYSTEMS	% OF LISTED	PEOPLE	SYSTEMS	% OF MON.	SYSTEMS	PEOPLE SERVED	% OF MON. PEOPLE	2+ SPECIES	SYSTEMS	% OF MON. PEOPLE				
Region 6 · Dallas	9,211	1,855	20.1%	42.2 M	761	41.0%	135	9.4 M	22.2%	51	41	7.6%	38	1	76 / 503	
Arkansas	683	172	25.2%	2.5 M	10	5.8%	1	4,517	0.2%	0	0	0.0%	0	·	1 / 75	
Louisiana	1,023	268	26.2%	4.6 M	48	17.9%	7	440,926	9.6%	5	1	0.1%	1	·	7 / 64	
New Mexico	812	90	11.1%	1.8 M	11	12.2%	5	102,824	5.6%	0	1	0.1%	1	·	5 / 33	
Oklahoma	987	170	17.2%	3.1 M	69	40.6%	14	372,984	12.2%	6	9	10.8%	8	·	13 / 77	
Texas	5,706	1,155	20.2%	30.1 M	623	53.9%	108	8.4 M	28.0%	40	30	9.6%	28	1	50 / 254	
Region 7 · Lenexa	4,478	541	12.1%	11.3 M	147	27.2%	27	923,687	8.2%	7	15	3.5%	13	·	29 / 412	
Iowa	1,197	153	12.8%	2.5 M	32	20.9%	8	405,784	16.3%	3	2	6.3%	1	·	8 / 99	
Kansas	890	103	11.6%	2.4 M	35	34.0%	6	104,473	4.4%	2	4	3.6%	3	·	7 / 105	
Missouri	1,664	232	13.9%	5.0 M	73	31.5%	9	305,345	6.1%	1	6	1.5%	6	·	10 / 115	
Nebraska	727	53	7.3%	1.4 M	7	13.2%	4	108,085	7.5%	1	3	5.8%	3	·	4 / 93	
Region 8 · Denver	4,283	472	11.0%	12.2 M	78	16.5%	26	1.1 M	9.0%	10	9	4.2%	8	·	18 / 291	
Colorado	1,238	165	13.3%	6.4 M	39	23.6%	15	599,704	9.4%	5	4	1.6%	4	·	11 / 64	
Montana	1,172	46	3.9%	612,839	5	10.9%	2	25,125	4.1%	0	0	0.0%	0	·	1 / 56	
North Dakota	325	41	12.6%	583,771	7	17.1%	0	0	0.0%	0	0	0.0%	0	·	0 / 53	
South Dakota	524	56	10.7%	720,639	7	12.5%	2	15,508	2.2%	1	1	0.6%	1	·	1 / 66	
Utah	606	130	21.5%	3.5 M	16	12.3%	5	447,875	12.6%	3	3	11.2%	2	·	4 / 29	
Wyoming	418	34	8.1%	411,690	4	11.8%	2	12,950	3.1%	1	1	2.5%	1	·	1 / 23	
Region 9 · San Francisco	6,120	1,021	16.7%	51.3 M	323	31.6%	203	13.4 M	26.1%	131	163	20.7%	159	23	50 / 105	
American Samoa	10	1	10.0%	45,315	1	100.0%	0	0	0.0%	0	0	0.0%	0	·	0 / 5	
Arizona	1,150	180	15.7%	7.1 M	61	33.9%	26	1.1 M	15.4%	18	23	12.2%	22	3	9 / 15	
California	4,390	729	16.6%	39.3 M	245	33.6%	171	11.6 M	29.5%	109	135	23.2%	132	18	35 / 58	
Guam	8	5	62.5%	174,316	3	60.0%	1	139,207	79.9%	1	1	79.9%	1	1	1 / 1	
Hawaii	132	45	34.1%	1.5 M	2	4.4%	0	0	0.0%	0	0	0.0%	0	·	0 / 5	
Nevada	382	59	15.4%	3.2 M	10	16.9%	4	493,864	15.3%	2	3	15.1%	3	1	4 / 17	
Northern Mariana Islands	48	2	4.2%	49,268	1	50.0%	1	48,524	98.5%	1	1	98.5%	1	·	1 / 4	
Region 10 · Seattle	5,725	476	8.3%	14.3 M	104	21.8%	55	3.0 M	21.1%	27	39	12.7%	34	3	23 / 149	
Alaska	637	30	4.7%	573,160	9	30.0%	4	331,575	57.9%	3	2	39.5%	2	1	3 / 30	
Idaho	1,017	63	6.2%	1.3 M	9	14.3%	4	181,070	13.5%	2	2	1.6%	2	1	2 / 44	
Oregon	1,300	129	9.9%	3.4 M	18	14.0%	11	288,433	8.4%	3	10	6.6%	10	·	7 / 36	
Washington	2,771	254	9.2%	8.9 M	68	26.8%	36	2.2 M	24.7%	19	25	15.0%	20	1	11 / 39	
United States	66,457	10,313	15.5%	305.2 M	3,595	34.9%	1,763	81.8 M	26.8%	981	1,198	18.7%	1,136	100	733 / 3,234	

Definitions. Listed = active community and non-transient non-community water systems in SDWIS (2026 Q3), plus UCMR 5 and EPA-regulated tribal systems. Monitored = systems with UCMR 5 results. PFAS detected = any of 29 PFAS at or above the UCMR 5 reporting level. At or above a limit = PFOA or PFOS ≥ 4 ppt, or Hazard Index ≥ 1 (which also covers PFHxS, PFNA and HFPO-DA ≥ 10 ppt), on the highest single result or on the worst entry-point average (non-detects as 0). People = population served as reported to SDWIS; a system's whole population is counted. EPA method = an average above an MCL under the rules of EPA's July 2026 UCMR 5 Data Summary; this project reproduces its counts (all of Table 5; Table 4 for large systems and for systems serving 10,000 or fewer combined). Top 100 = the national worst-100 ranking. Counties ≥ limit = counties colored at or above a limit on page 1.

Regions. Each system is counted once, in the state that lists it, and each state in its EPA region; tribal systems are counted with the state where they are located, so state, region and national rows add up

exactly. The national summary's region table instead assigns tribal systems to their regulator; the only difference is the 13 Navajo Nation EPA systems, counted here in Arizona and New Mexico.

Limits. UCMR 5 samples (collected January 3, 2023 – June 17, 2026) are taken where water enters the distribution system; these are screening comparisons, not compliance findings (compliance uses running annual averages from 2029), and a system may have changed treatment since. EPA has proposed rescinding the PFHxS, PFNA, HFPO-DA and Hazard Index limits (May 2026); PFOA and PFOS are unaffected. Sources: EPA UCMR 5 occurrence data and Data Summary (July 2026, EPA 815-S-26-007); EPA SDWIS via ECHO, 2026 Q3; US Census cartographic boundary files. Reproduce: [national/state_region_stats.py](#), [national/map_infographic.py](#).