



Factoids: Drinking Water and Ground Water Statistics for 2000

There are approximately 170,000 public drinking water systems in the United States. Each of these systems regularly supplies drinking water to at least 25 people or 15 service connections. Beyond their common purpose, the 170,000 systems vary widely. The following tables group water systems into categories that show their similarities and differences. For example, the first table shows that most people in the US (263 million) get their water from a community water system. There are more than 54,000 community water systems, but just seven percent of those systems (3,769) serve 81 percent of the people. The second table shows that more water systems have ground water than surface water as a source - but more people drink from a surface water system. Other tables break down these national numbers by state, territory, and EPA region.

This package also contains figures on the types and locations of underground injection control wells. EPA and the states regulate the placement and operation of these wells to ensure that they do not threaten underground sources of drinking water.

The drinking water system statistics on the following pages are taken from the Safe Drinking Water Information System/Federal version (SDWIS/Fed). SDWIS/Fed is the U.S. Environmental Protection Agency's official record of public drinking water systems, their violations of state and EPA regulations, and enforcement actions taken by EPA or states as a result of those violations. EPA maintains the database using information collected and submitted by the states. The underground injection control program statistics are based on separate reporting from the states to EPA. For more information and additional drinking water data tables, please visit <http://www.epa.gov/safewater/getdata.html>.

Acronyms & Abbreviations

CWS: Community Water System

FY: (federal) Fiscal Year [October 1 -September 30]

M/R: Monitoring/Reporting violation [water system's failure to monitor for, or report to the state, the level of a contaminant on the required schedule]

MCL: Maximum Contaminant Level [the legal limit on a contaminant in drinking water]

NTNCWS: Non-Transient Non-Community Water System

Other: Other violations of EPA rules (including failure to provide public notice of another violation, or failure to prepare and/or distribute a Consumer Confidence Report)

Pop. served: Population served (by a water system)

PWS: Public Water System

PWSS: Public Water System Supervision program

SDWIS/FED: Safe Drinking Water Information System/Federal version

TNCWS: Transient Non-Community Water System

TT: Treatment Technique [a drinking water treatment required by EPA or state rules]

FY2000 Drinking Water Factoids

Public Water System Inventory data

Active, current systems, from Safe Drinking Water Information System/Federal version (SDWIS/FED) 00Q4 frozen inventory table

System size

by population served

		Very Small 500 or less	Small 501-3,300	Medium 3,301-10,000	Large 10,001-100,000	Very Large >100,000	Total
CWS	# systems	31,688	14,149	4,458	3,416	353	54,064
	Pop. served	5,148,696	19,931,399	25,854,061	96,709,145	116,282,810	263,926,111
	% of systems	59%	26%	8%	6%	1%	100%
	% of pop	2%	8%	10%	37%	44%	100%
NTNCWS	# systems	17,598	2,839	96	23	3	20,559
	Pop. served	2,440,352	2,795,510	480,243	620,719	579,937	6,916,761
	% of systems	86%	14%	0%	0%	0%	100%
	% of pop	35%	40%	7%	9%	8%	100%
TNCWS	# systems	90,391	2,632	130	54	3	93,210
	Pop. served	7,521,276	2,617,526	731,889	1,329,043	735,001	12,934,735
	% of systems	97%	3%	0%	0%	0%	100%
	% of pop	58%	20%	6%	10%	6%	100%
Total # systems		139,677	19,620	4,684	3,493	359	167,833

CWS = Community Water System: A public water system that supplies water to the same population year-round.

NTNCWS = Non-Transient Non-Community Water System: A public water system that regularly supplies water to at least 25 of the same people at least six months per year, but not year-round. Some examples are schools, factories, office buildings, and hospitals which have their own water systems.

TNCWS = Transient Non-Community Water System: A public water system that provides water in a place such as a gas station or campground where people do not remain for long periods of time.

Water source

Type		Ground Water	Surface Water	Totals
CWS	# systems	42,661	11,403	54,064
	Pop. served	85,868,456	178,057,655	263,926,111
	% of systems	79%	21%	100%
	% of pop	33%	67%	100%
NTNCWS	# systems	19,738	821	20,559
	Pop. served	5,984,416	932,345	6,916,761
	% of systems	96%	4%	100%
	% of pop	87%	13%	100%
TNCWS	# systems	91,298	1,912	93,210
	Pop. served	12,017,370	917,365	12,934,735
	% of systems	98%	2%	100%
	% of pop	93%	7%	100%
Total # systems		153,697	14,136	167,833
		103,870,242	179,907,365	

Ground water systems = ground water (GW), purchased ground water (GWP)

Surface water systems = surface water (SW), purchased surface water (SWP),

ground water under the direct influence of surface water (GU),

purchased ground water under the direct influence of surface water (GUP).

SDWIS/FED 00Q4 tables are "frozen" in early January 2001

FY2000 water system data--by State

Key: # systems
pop. served

Active, current systems, from SDWIS/FED 00Q4 frozen inventory table

Health-based (Treatment Technique & Maximum Contaminant Level) violations, from 00Q4 frozen violations table

	CWS	NTNCWS	TNCWS	Total	Ground	Surface	CWSs w/ reported health-based violations	
AK	442	208	995	1,645	1,395	250	77	17%
	445,954	45,579	105,725	597,258	294,842	302,416	62,040	14%
AL	575	38	89	702	455	247	21	4%
	4,934,311	25,090	8,500	4,967,901	1,455,370	3,512,531	120,996	2%
AR	726	114	359	1,199	850	349	104	14%
	2,258,368	12,597	17,789	2,288,754	909,925	1,378,829	179,370	8%
AZ	799	216	672	1,687	1,573	114	68	9%
	4,356,171	149,965	158,447	4,664,583	1,491,970	3,172,613	387,396	9%
CA	3,283	1,290	3,573	8,146	7,030	1,116	181	6%
	34,084,987	584,333	1,111,711	35,781,031	9,386,226	26,394,805	1,939,618	6%
CO	830	166	1,105	2,101	1,636	465	43	5%
	3,835,139	54,404	221,455	4,110,998	564,841	3,546,157	375,303	10%
CT	599	627	2,479	3,705	3,636	69	67	11%
	2,648,571	125,787	80,540	2,854,898	508,833	2,346,065	53,286	2%
DC	2			2		2		0%
	595,000			595,000		595,000		0%
DE	240	96	215	551	546	5	18	8%
	605,342	24,192	53,476	683,010	225,785	457,225	101,907	17%
FL	2,009	1,083	3,515	6,607	6,545	62	83	4%
	15,655,773	285,318	297,517	16,238,608	14,009,538	2,229,070	568,565	4%
GA	1,673	276	623	2,572	2,361	211	52	3%
	6,560,186	79,736	116,078	6,756,000	1,639,424	5,116,576	62,308	1%
HI	121	14	6	141	122	19	8	7%
	1,262,878	7,307	2,450	1,272,635	1,183,658	88,977	68,494	5%
IA	1,153	167	612	1,932	1,776	156	64	6%
	2,575,716	46,942	80,213	2,702,871	1,448,927	1,253,944	126,386	5%
ID	747	258	1,075	2,080	1,991	89	114	15%
	907,653	55,155	125,908	1,088,716	832,503	256,213	155,469	17%
IL	1,801	438	3,562	5,801	5,118	683	258	14%
	10,947,281	157,030	395,476	11,499,787	3,252,037	8,247,750	1,032,236	9%
IN	916	759	3,162	4,837	4,715	122	124	14%
	4,119,623	492,393	364,396	4,976,412	2,705,505	2,270,907	301,173	7%
KS	917	35	127	1,079	748	331	93	10%
	2,418,352	14,364	14,287	2,447,003	773,298	1,673,705	121,863	5%
KY	467	89	156	712	322	390	18	4%
	4,294,353	31,569	11,494	4,337,416	329,847	4,007,569	131,715	3%
LA	1,207	213	400	1,820	1,737	83	108	9%
	5,162,586	82,274	95,925	5,340,785	3,267,000	2,073,785	321,738	6%
MA	513	224	891	1,628	1,446	182	125	24%
	8,640,236	70,774	160,019	8,871,029	2,017,089	6,853,940	4,997,224	58%
MD	511	572	2,732	3,815	3,738	77	35	7%
	4,614,127	160,236	141,310	4,915,673	818,033	4,097,640	60,854	1%
ME	399	455	1,249	2,103	2,027	76	86	22%
	611,531	72,718	203,762	888,011	469,260	418,751	215,096	35%
MI	1,472	1,826	9,052	12,350	12,047	303	89	6%
	7,044,085	504,705	1,108,745	8,657,535	3,328,383	5,329,152	114,019	2%
MN	953	646	6,753	8,352	8,239	113	24	3%
	3,798,571	100,705	393,760	4,293,036	2,878,930	1,414,106	33,252	1%
MO	1,439	235	1,027	2,701	2,454	247	133	9%
	4,715,214	79,873	149,546	4,944,633	1,796,583	3,148,050	88,592	2%
MS	1,228	117	140	1,485	1,477	8	51	4%
	2,876,508	87,810	26,393	2,990,711	2,880,102	110,609	257,681	9%

FY2000 water system data--by State, cont.

Key: # systems
Pop served

Active, current systems, from SDWIS/FED 00Q4 frozen inventory table

Health-based (Treatment Technique & Maximum Contaminant Level) violations, from 00Q4 frozen violations table

	CWS	NTNCWS	TNCWS	Total	Ground	Surface	CWSs w/ reported health-based violations	
MT	645 2,716,262	225 44,769	1,153 165,756	2,023 2,926,787	1,801 2,064,878	222 861,909	45 103,982	7% 4%
NC	2,374 5,794,107	658 193,761	4,479 412,002	7,511 6,399,870	6,955 1,942,355	556 4,457,515	166 188,836	7% 3%
ND	321 555,123	29 3,958	200 17,152	550 576,233	469 222,900	81 353,333	31 22,058	10% 4%
NE	619 1,392,476	178 43,190	532 66,639	1,329 1,502,305	1,300 946,096	29 556,209	197 267,605	32% 19%
NH	674 766,072	446 88,587	1,036 207,906	2,156 1,062,565	2,102 567,170	54 495,395	125 59,799	19% 8%
NJ	602 7,678,147	940 279,033	2,737 351,179	4,279 8,308,359	4,182 3,028,425	97 5,279,934	41 1,172,024	7% 15%
NM	616 1,489,113	155 34,508	503 208,412	1,274 1,732,033	1,222 1,523,385	52 208,648	85 96,959	14% 7%
NV	292 1,579,690	100 40,380	283 59,527	675 1,679,597	614 271,798	61 1,407,799	17 19,579	6% 1%
NY	2,868 17,690,198	761 358,726	7,001 856,655	10,630 18,905,579	9,554 5,488,212	1,076 13,417,367	63 2,076,220	2% 12%
OH	1,429 10,142,141	1,106 275,606	3,404 543,094	5,939 10,960,841	5,595 4,128,314	344 6,832,527	33 83,733	2% 1%
OK	1,171 3,434,926	123 18,645	438 43,495	1,732 3,497,066	1,016 714,820	716 2,782,246	44 195,553	4% 6%
OR	884 3,095,044	331 69,529	1,430 220,176	2,645 3,384,749	2,361 905,085	284 2,479,664	177 186,658	20% 6%
PA	2,200 10,518,120	1,266 509,453	6,923 864,529	10,389 11,892,102	9,825 2,870,279	564 9,021,823	105 417,400	5% 4%
RI	83 950,151	71 24,566	325 53,135	479 1,027,852	454 203,572	25 824,280	6 60,118	7% 6%
SC	692 3,303,073	221 75,407	614 55,421	1,527 3,433,901	1,282 785,769	245 2,648,132	81 751,300	12% 23%
SD	474 631,186	30 3,924	214 36,049	718 671,159	584 288,745	134 382,414	45 15,012	9% 2%
TN	633 5,082,640	60 30,592	480 54,130	1,173 5,167,362	719 1,388,694	454 3,778,668	29 142,167	5% 3%
TX	4,574 20,920,423	862 339,537	1,429 288,783	6,865 21,548,743	5,700 7,253,194	1,165 14,295,549	182 439,618	4% 2%
UT	430 2,471,221	64 47,314	459 82,361	953 2,600,896	847 960,145	106 1,640,751	41 148,073	10% 6%
VA	1,326 6,496,739	623 285,368	1,827 944,111	3,776 7,726,218	3,416 1,616,680	360 6,109,538	188 122,363	14% 2%
VT	438 502,741	215 39,473	694 716,196	1,347 1,258,410	1,214 747,583	133 510,827	56 35,640	13% 7%
WA	2,300 5,060,995	316 263,654	1,595 301,376	4,211 5,626,025	3,923 2,708,630	288 2,917,395	272 1,240,497	12% 25%
WI	1,140 3,645,732	1,020 210,193	9,564 725,062	11,724 4,580,987	11,679 2,919,649	45 1,661,338	96 551,949	8% 15%
WV	583 1,810,721	196 101,298	635 42,424	1,414 1,954,443	1,036 340,038	378 1,614,405	37 103,956	6% 6%
WY	272 410,396	86 16,240	378 75,279	736 501,915	621 182,251	115 319,664	15 13,317	6% 3%
	52,662 258,105,953	20,244 6,748,567	92,902 12,835,771	165,808	152,455 102,536,576	13,353 175,153,715	4,221 20,390,997	

FY2000 water system data--Tribal systems

Active, current systems, from SDWIS/FED 00Q4 frozen inventory table

Health-based (Treatment Technique & Maximum Contaminant Level) violations, from 00Q4 frozen violations table

Key: # systems
Pop served

Region	CWS	NTNCWS	TNCWS	Total	Ground	Surface	CWSs w/ reported health-based violations	
01	1	2	3	6	6			0%
	120	60	670	850	850			0%
02	4		1	5	4	1		0%
	2,929		300	3,229	1,229	2,000		0%
04	14	3	23	40	37	3		0%
	15,893	1,225	3,360	20,478	15,957	4,521		0%
05	80	34	11	125	123	2	7	9%
	34,762	28,762	646	64,170	63,681	489	417	1%
06	41	8	20	69	67	2	14	34%
	63,536	966	1,329	65,831	57,305	8,526	24,768	39%
07	9		4	13	12	1	2	22%
	6,173		525	6,698	6,200	498	3,298	53%
08	107	9	1	117	100	17	10	9%
	66,660	4,511	26	71,197	50,609	20,588	4,493	7%
09	406	21	71	498	462	36	11	3%
	222,190	10,557	65,184	297,931	259,853	38,078	5,428	2%
10	86	13	5	104	99	5	11	13%
	24,586	4,525	485	29,596	25,340	4,256	3,866	16%
	748	90	139	977	910	67	55	
	436,849	50,606	72,525		481,024	78,956	42,270	

FY2000 water system data--Commonwealths and Territories

Active, current systems, from SDWIS/FED 00Q4 frozen inventory table

Health-based (Treatment Technique & Maximum Contaminant Level) violations, from 00Q4 frozen violations table

Key: # systems
Pop served

	CWS	NTNCWS	TNCWS	Total	Ground	Surface	CWSs w/ reported health-based violations	
Amer. Samoa	22			22	12	10	14	64%
	52,458			52,458	49,618	2,840	6,045	12%
Guam	10	2		12	8	4		0%
	109,070	770		109,840	20,990	88,850		0%
N. Marianas Islands	30	6	7	43	43			0%
	50,769	3,039	620	54,428	54,428			0%
Puerto Rico	438	46	6	490	263	227	313	71%
	5,059,931	38,836	2,215	5,100,982	722,633	4,378,349	4,197,044	83%
Palau	16	2		18	2	16		0%
	12,060	1,163		13,223	400	12,823		0%
Virgin Islands	138	169	156	463	4	459	9	7%
	99,021	73,780	23,604	196,405	4,573	191,832	1,009	1%
	654	225	169	1,048	332	716	336	
	5,383,309	117,588	26,439		852,642	4,674,694	4,204,098	

Government Performance and Results Act--PWSS measure

GPRA requires agencies to develop plans for what they intend to accomplish, measure how well they are doing, make appropriate decisions based on the information they have gathered, and communicate information about their performance to Congress and to the public.

EPA's goal is that by 2005, the population served by community water systems providing drinking water that meets all existing health-based standards will increase to 95% from a baseline of 83% in 1994.

Nationally

2000	91%
1999	91%
1998	89%
1997	87%
1996	86%
1995	84%
1994	83%
1993	79%

By region

	1	2	3	4	5	6	7	8	9	10
2000	62%	76%	97%	95%	95%	96%	95%	94%	94%	83%
1999	75%	61%	98%	95%	95%	95%	95%	94%	97%	94%
1998	64%	60%	97%	95%	95%	95%	94%	93%	95%	89%
1997	62%	55%	97%	93%	92%	93%	95%	91%	95%	74%
1996	60%	53%	92%	93%	92%	94%	95%	92%	91%	74%
1995	57%	52%	91%	92%	92%	89%	95%	90%	88%	75%
1994	57%	55%	87%	90%	88%	87%	94%	91%	90%	87%
1993	60%	56%	85%	90%	77%	92%	93%	92%	69%	85%
	CT	NJ	DE	AL	IL	AR	IA	CO	AZ	AK
	ME	NY	DC	FL	IN	LA	KS	MT	CA	ID
	MA	PR	MD	GA	MI	NM	MO	ND	HI	OR
	NH	VI	PA	KY	MN	OK	NE	SD	NV	WA
	RI		VA	MS	OH	TX		UT	AS	
	VT		WV	NC	WI			WY	GU	
				SC					MP	
				TN					PW	

Health-based violations include Maximum Contaminant Level (MCL) and Treatment Technique (TT) violations.

Population data are based on active, current water systems

For FY2000, population and violation data are from SDWIS/FED 00Q4 frozen tables.

For FY1999, population and violation data are from SDWIS/FED 99Q4 frozen tables.

For FY1998, population and violation data are from SDWIS/FED 98Q4 frozen tables.

For FY1997 and earlier, population and violation data are from SDWIS/FED 98Q1 frozen tables.

CWS violations reported

by FY

FY2000 data from SDWIS/FED 00Q4 frozen tables, except for Chem M/Rs which are from 01Q1

FY1999 data from SDWIS/FED 99Q4 frozen tables, except for Chem M/Rs which are from 00Q1

FY1998 data from SDWIS/FED 98Q4 frozen tables, except for Chem M/Rs which are from 99Q1

FY1997 and earlier data from SDWIS 98Q1 frozen tables

Number of violations

FY	MCL	TT	M/R	Other*	Total
2000	4,753	3,045	52,013	10,650	70,461
1999	5,528	2,246	58,384	1,038	67,196
1998	6,340	2,520	54,440	1,614	64,914
1997	5,804	2,743	64,385	1,471	74,403
1996	7,391	3,078	121,253	1,151	132,873
1995	7,147	3,766	139,072	1,983	151,968

Number of systems in violation

FY	MCL	TT	M/R	Other*	Total	**
2000	3,160	1,677	13,781	8,948	21,359	
1999	3,321	1,057	9,447	627	12,151	
1998	3,746	1,105	10,002	899	13,024	
1997	3,721	1,109	10,949	860	14,016	
1996	4,411	1,329	13,039	738	16,418	
1995	4,652	1,795	14,584	959	18,230	

Population affected

FY	MCL	TT	M/R	Other*	Total	**
2000	11,946,983	15,391,464	34,193,873	13,882,763	62,928,310	
1999	11,079,343	15,854,722	19,868,126	2,529,718	38,161,938	
1998	10,393,015	18,485,545	28,313,863	2,369,301	48,945,871	
1997	13,848,094	22,059,698	27,224,547	3,879,160	58,086,370	
1996	16,040,225	22,683,315	32,529,745	4,671,792	63,686,726	
1995	23,547,689	26,409,050	40,672,345	8,707,791	73,201,326	

by system size

Number of violations

	MCL	TT	M/R	Other	Total
Very small	3,046	1,604	40,345	7,973	52,968
Small	1,122	850	7,406	1,996	11,374
Medium	318	249	2,041	447	3,055
Large	251	294	2,039	219	2,803
Very large	16	48	182	15	261

Number of systems in violation

	MCL	TT	M/R	Other	Total	**
Very small	2,001	944	10,041	6,592	14,868	
Small	710	435	2,506	1,738	4,346	
Medium	251	124	704	412	1,206	
Large	186	152	487	193	863	
Very large	12	22	43	13	76	

Population affected

	MCL	TT	M/R	Other	Total	**
Very small	324,588	161,408	1,438,809	949,875	2,196,522	
Small	999,776	600,020	3,293,589	2,309,815	5,839,126	
Medium	1,574,032	740,753	4,037,524	2,350,790	7,035,731	
Large	4,449,100	4,790,097	14,365,948	4,693,943	24,194,288	
Very large	4,599,487	9,099,186	11,058,003	3,578,340	23,662,649	

* Jump in FY2000 due to new violations for failing to issue, or issuing an insufficient, Consumer Confidence report

** Totals for the number of systems in violation, and for population affected, should be lower than the sum in each row.
This is because some systems will have incurred more than one type of violation.

NTNCWS violations reported

FY2000 data from SDWIS/FED 00Q4 frozen tables, except for Chem M/Rs, which are from 01Q1
 FY1999 data from SDWIS/FED 99Q4 frozen tables, except for Chem M/Rs which are from 00Q1
 FY1998 data from SDWIS/FED 98Q4 frozen tables, except for Chem M/Rs which are from 99Q1
 FY1997 and earlier data from SDWIS/FED 98Q1 frozen tables

Number of violations

FY	MCL	TT	M/R	Other	Total
2000	1,245	837	23,085	201	25,368
1999	1,349	225	25,796	120	27,490
1998	1,322	165	26,043	255	27,785
1997	1,349	202	28,249	159	29,959
1996	1,792	405	53,345	189	55,731
1995	1,672	659	54,543	255	57,129

Number of systems in violation

FY	MCL	TT	M/R	Other	Total *
2000	924	580	5,508	162	6,432
1999	958	178	3,629	88	4,398
1998	945	103	3,942	157	4,672
1997	985	98	4,623	105	5,355
1996	1,281	252	6,066	134	6,945
1995	1,244	416	6,275	166	7,272

Population affected

FY	MCL	TT	M/R	Other	Total *
2000	276,448	217,596	1,763,388	36,519	2,077,863
1999	292,367	53,500	848,516	34,947	1,112,853
1998	232,755	23,963	994,786	47,772	1,187,783
1997	280,021	32,041	1,241,807	33,877	1,483,754
1996	380,187	93,138	1,435,181	30,201	1,736,465
1995	392,311	150,148	1,684,183	49,236	2,010,395

TNCWS violations reported

Number of violations

FY	MCL	TT	M/R	Other	Total
2000	4,407	314	35,280	908	40,909
1999	4,956	226	36,266	752	42,200
1998	5,201	284	28,116	2,159	35,760
1997	5,408	379	32,581	1,794	40,162
1996	5,934	564	55,420	1,810	63,728
1995	4,879	492	48,843	2,082	56,296

Number of systems in violation

FY	MCL	TT	M/R	Other	Total *
2000	3,634	182	17,740	652	20,345
1999	3,876	140	19,694	498	22,233
1998	3,799	90	15,997	1,115	18,771
1997	4,070	128	17,497	975	20,532
1996	4,539	150	25,614	1,064	28,520
1995	3,857	153	25,075	1,161	27,689

Population affected

FY	MCL	TT	M/R	Other	Total *
2000	507,741	46,201	2,570,999	78,494	2,983,920
1999	646,469	42,582	2,217,212	63,264	2,706,984
1998	481,642	58,801	2,102,061	143,464	2,458,001
1997	539,292	62,557	2,230,009	128,471	2,651,801
1996	625,342	48,098	3,411,919	115,250	3,731,987
1995	671,739	65,295	3,219,663	128,290	3,622,946

* Totals for the number of systems in violation, and for population affected, should be lower than the sum in each row. This is because some systems will have incurred more than one type of violation.

FY2000 MCL and TT violations reported

From SDWIS/FED 00Q4 frozen violations table

Key:	# violations
	# systems
	Pop. affected

	Very small 25-500	Small 501-3,300	Medium 3,301-10,000	Large 10,001-100,000	Very Large >100,000	Total
Applies to all water systems						
TCR/T	7,481	1,066	284	197	11	9,039
	5,824	766	234	155	9	6,988
	640,751	1,008,878	1,480,350	3,712,812	3,726,152	10,568,943

Organics: Applies to CWS and NTNCWS

TTHM (VOC)	2	6		20		28
	2	3		10		15
	146	2,890		206,809		209,845
Other VOC	47	8	4	5	2	66
	28	8	3	4	1	44
	3,632	16,647	23,579	94,325	535,335	673,518
SOC	8	5		1	2	16
	5	4		1	1	11
	790	4,579		14,390	180,000	199,759

Inorganics: Applies to CWS and NTNCWS

Nitrates	624	157	13	9	1	804
	377	67	7	5	1	457
	44,431	87,287	30,444	142,829	158,000	462,991
Other IOC	67	15	8	2		92
	43	8	7	2		60
	8,615	10,549	35,924	42,058		97,146

Applies to CWS

Radionuclides	166	130	25	25		346
	89	72	18	16		195
	18,685	100,322	98,611	356,727		574,345

Applies to surface water systems

SWTR	1,236	588	180	197	33	2,234
	518	235	84	97	11	945
	91,012	328,257	508,909	3,163,152	6,729,982	10,821,312

Applies to CWS and NTNCWS

Lead & Copper	1,381	390	76	100	15	1,962
	1,078	320	51	84	15	1,548
	158,200	388,147	285,072	2,666,466	4,577,567	8,075,452

Acronyms:

TTHM (VOC) = Total Trihalomethanes

Other VOC = Regulated volatile organic contaminants (e.g., Benzene) other than TTHMs

SOC = Synthetic organic chemicals (e.g., Atrazine)

Other IOC = Regulated inorganic contaminants (e.g., arsenic) other than Copper, Lead, Nitrate, and Nitrite

SWTR = Surface Water Treatment Rule

TCR/T = Total Coliform Rule/

FY2000 Monitoring/Reporting violations reported

From SDWIS/FED 00Q4 frozen violations table (except for Chem M/Rs)

Chem M/R data are from SDWIS/FED 01Q1 frozen violations table

Key:	# violations
	# systems
	Pop. affected

	Very small 25-500	Small 501-3,300	Medium 3,301-10,000	Large 10,001-100,000	Very Large >100,000	Total
Applies to all water systems						
TCR/T	33,842	2,661	458	220	20	37,201
	19,739	1,723	324	172	10	21,968
	1,991,992	2,127,499	1,868,571	4,965,205	3,556,204	14,509,471

Organics: Applies to CWS and NTNCWS

TTHM (VOC)	12	6	2	50	1	71
	9	6	2	43	1	61
	1,656	14,138	8,125	1,101,985	107,593	1,233,497
Other VOC	21,502	3,479	699	973	8	26,661
	894	164	32	44	6	1,140
	130,285	195,663	167,757	1,081,925	2,550,835	4,126,465
SOC	6,399	799	74	105	70	7,447
	271	68	17	20	5	381
	36,842	77,275	86,924	528,272	908,835	1,638,148

Inorganics: Applies to CWS and NTNCWS

Nitrates	13,137	670	188	75	21	14,091
	10,436	502	83	37	4	11,062
	999,611	557,144	487,136	1,114,630	891,419	4,049,940
Other IOC	4,474	685	187	42	6	5,394
	490	108	29	14	3	644
	68,002	138,574	161,068	432,866	1,412,332	2,212,842

Applies to CWS

Radionuclides	33,842	2,661	458	220	20	37,201
	19,739	1,723	324	172	10	21,968
	1,991,992	2,127,499	1,868,571	4,965,205	3,556,204	14,509,471

Applies to surface water systems

SWTR	1,868	439	110	70	33	2,520
	445	144	50	40	11	690
	71,431	191,121	270,656	1,380,844	3,419,872	5,333,924

Applies to CWS and NTNCWS

Lead & Copper	11,281	1,794	414	272	25	13,786
	8,424	1,396	326	209	20	10,375
	1,099,127	1,692,760	1,857,371	6,448,697	4,796,504	15,894,459

Acronyms:

TTHM (VOC) = Total Trihalomethanes

Other VOC = Regulated volatile organic contaminants (e.g., Benzene) other than TTHMs

SOC = Synthetic organic chemicals (e.g., Atrazine)

Other IOC = Regulated inorganic contaminants (e.g., arsenic) other than Copper, Lead, Nitrate, and Nitrite

SWTR = Surface Water Treatment Rule

TCR/T = Total Coliform Rule/

Underground Injection Control program--inventory of wells

Types of wells:

- Class I Deep industrial waste disposal
- Class II For oil and natural gas production
- Class III Related to mineral recovery
- Class IV Banned, inject hazardous or radioactive waste above USDWs
- Class V Generally shallow disposal wells. There are an **estimated 650,000 Class V wells nationally**

Class I through IV data from annual reporting by states and EPA Regions

The Class V estimate is based on state estimates and modeling of storm water and large capacity septic

	Class I hazardous waste wells	Class I non- hazardous waste wells	Class II wells	Class III facilities (which may contain multiple wells)	Class III wells	Class IV facilities (which may contain multiple wells)
AK		6	925			
AL			347	1	3	
AR	6	10	1,078			
AZ				3	15	
CA		6	24,955	1	73	
CO		5	787	2	35	
FL	1	136	64			
IA			1			
IL	3	1	8,949			
IN	4	7	1,340			
KS	6	44	16,371	5	157	
KY		1	3,429			
LA	17	28	3,824	15	67	
MI	9	15	1,459	3	22	
MO			211			
MS	6	1	881			
MT			897			
ND		2	377			
NE		1	704	1	1,879	
NM		5	5,577	19	104	
NV			12			
NY		1	503	6	126	
OH	10	2	2,890	3	47	1
OK		11	11,448	1	1	
OR			2			
PA		10	1,897	1	10	
SD			63			
TN			14			
TX	60	46	51,998	86	5,789	
UT			256	1	4	2
VA		3	252	1	3	1
WA			1			
WV			700	3	31	
WY		23	4,666	12	8,211	1
EPA R2 tribal			12			
EPA R6 tribal	1		2,674			
EPA R8 tribal			723			
EPA R9 tribal			542			
	122	364	146,878	164	16,577	5