

FY2008 water system data--by State

Key:

| |
|------------|
| # systems |
| Pop served |

Active, current systems, from SDWIS/FED 08Q3 frozen inventory table

Health-based (Treatment Technique & Maximum Contaminant Level) violations, from 08Q3 frozen violations table

| | | | | | | | CWSs w/ reported health-based violations | |
|----|------------|---------|-----------|------------|------------|------------|--|-----|
| | CWS | NTCWS | TNCWS | Total | Ground | Surface | | |
| AK | 440 | 240 | 899 | 1,579 | 1,313 | 266 | 81 | 18% |
| | 562,818 | 62,317 | 105,307 | 730,442 | 327,276 | 403,166 | 40,574 | 7% |
| AL | 535 | 27 | 63 | 625 | 386 | 239 | 28 | 5% |
| | 5,392,846 | 16,434 | 6,988 | 5,416,268 | 1,495,690 | 3,920,578 | 133,326 | 2% |
| AR | 712 | 37 | 364 | 1,113 | 699 | 414 | 134 | 19% |
| | 2,617,534 | 10,014 | 21,172 | 2,648,720 | 909,889 | 1,738,831 | 385,605 | 15% |
| AZ | 811 | 216 | 578 | 1,605 | 1,544 | 61 | 133 | 16% |
| | 6,014,439 | 134,184 | 113,494 | 6,262,117 | 2,884,330 | 3,377,787 | 249,333 | 4% |
| CA | 3,001 | 1,376 | 2,832 | 7,209 | 5,982 | 1,227 | 260 | 9% |
| | 39,338,253 | 385,279 | 1,444,175 | 41,167,707 | 7,744,080 | 33,423,627 | 732,369 | 2% |
| CO | 858 | 171 | 969 | 1,998 | 1,483 | 515 | 100 | 12% |
| | 5,183,440 | 67,775 | 260,159 | 5,511,374 | 703,829 | 4,807,545 | 156,498 | 3% |
| CT | 569 | 602 | 1,529 | 2,700 | 2,619 | 81 | 59 | 10% |
| | 2,681,269 | 111,098 | 58,289 | 2,850,656 | 427,268 | 2,423,388 | 25,993 | 1% |
| DC | 5 | 1 | | 6 | | 6 | | 0% |
| | 606,730 | 370 | | 607,100 | | 607,100 | | 0% |
| DE | 214 | 94 | 191 | 499 | 492 | 7 | 17 | 8% |
| | 894,049 | 26,922 | 54,809 | 975,780 | 491,805 | 483,975 | 6,545 | 1% |
| FL | 1,802 | 950 | 3,100 | 5,852 | 5,778 | 74 | 163 | 9% |
| | 18,779,537 | 252,950 | 270,570 | 19,303,057 | 15,518,664 | 3,784,393 | 1,136,883 | 6% |
| GA | 1,764 | 216 | 502 | 2,482 | 2,254 | 228 | 81 | 5% |
| | 8,196,451 | 64,806 | 78,168 | 8,339,425 | 1,783,726 | 6,555,699 | 534,113 | 7% |
| HI | 112 | 15 | 3 | 130 | 111 | 19 | 4 | 4% |
| | 1,318,212 | 11,299 | 3,805 | 1,333,316 | 500,086 | 833,230 | 45,337 | 3% |
| IA | 1,131 | 139 | 697 | 1,967 | 1,815 | 152 | 73 | 6% |
| | 2,648,654 | 48,258 | 85,430 | 2,782,342 | 1,510,220 | 1,272,122 | 108,200 | 4% |
| ID | 749 | 229 | 1,005 | 1,983 | 1,907 | 76 | 121 | 16% |
| | 1,059,654 | 51,844 | 108,721 | 1,220,219 | 961,716 | 258,503 | 152,408 | 14% |
| IL | 1,765 | 395 | 3,604 | 5,764 | 5,029 | 735 | 141 | 8% |
| | 12,003,424 | 128,366 | 364,183 | 12,495,973 | 3,583,938 | 8,912,035 | 776,385 | 6% |
| IN | 824 | 650 | 2,823 | 4,297 | 4,176 | 121 | 72 | 9% |
| | 4,692,225 | 197,630 | 381,850 | 5,271,705 | 2,917,140 | 2,354,565 | 113,471 | 2% |
| KS | 896 | 50 | 91 | 1,037 | 659 | 378 | 115 | 13% |
| | 2,570,753 | 20,793 | 4,245 | 2,595,791 | 710,043 | 1,885,748 | 204,464 | 8% |
| KY | 405 | 30 | 52 | 487 | 160 | 327 | 45 | 11% |
| | 4,903,536 | 12,907 | 6,799 | 4,923,242 | 454,936 | 4,468,306 | 434,607 | 9% |
| LA | 1,070 | 147 | 250 | 1,467 | 1,377 | 90 | 124 | 12% |
| | 4,884,913 | 56,468 | 62,019 | 5,003,400 | 2,996,483 | 2,006,917 | 502,175 | 10% |
| MA | 532 | 265 | 938 | 1,735 | 1,519 | 216 | 62 | 12% |
| | 9,314,096 | 73,707 | 188,185 | 9,575,988 | 2,018,731 | 7,557,257 | 771,111 | 8% |
| MD | 484 | 561 | 2,483 | 3,528 | 3,405 | 123 | 33 | 7% |
| | 5,127,033 | 159,226 | 307,994 | 5,594,253 | 1,089,057 | 4,505,196 | 61,392 | 1% |
| ME | 382 | 375 | 1,193 | 1,950 | 1,867 | 83 | 66 | 17% |
| | 660,416 | 69,492 | 189,058 | 918,966 | 470,867 | 448,099 | 115,222 | 17% |
| MI | 1,412 | 1,497 | 8,686 | 11,595 | 11,288 | 307 | 145 | 10% |
| | 7,613,164 | 327,736 | 1,042,226 | 8,983,126 | 3,085,590 | 5,897,536 | 263,731 | 3% |
| MN | 962 | 543 | 5,808 | 7,313 | 7,201 | 112 | 68 | 7% |
| | 4,170,773 | 83,604 | 535,514 | 4,789,891 | 3,453,598 | 1,336,293 | 245,075 | 6% |
| MO | 1,489 | 243 | 1,059 | 2,791 | 2,538 | 253 | 192 | 13% |
| | 5,073,517 | 76,721 | 114,238 | 5,264,476 | 1,827,605 | 3,436,871 | 1,542,646 | 30% |
| MS | 1,122 | 84 | 81 | 1,287 | 1,275 | 12 | 80 | 7% |
| | 2,997,520 | 74,928 | 11,207 | 3,083,655 | 2,920,170 | 163,485 | 261,411 | 9% |

FY2008 water system data--by State

Active, current systems, from SDWIS/FED 08Q3 frozen inventory table

Key:

| |
|------------|
| # systems |
| Pop served |

Health-based (Treatment Technique & Maximum Contaminant Level) violations, from 08Q3 frozen violations table

CWSs w/ reported health-based violations

| | CWS | NTNCWS | TNCWS | Total | Ground | Surface | CWSs w/ reported health-based violations | |
|----|-------------|-----------|------------|------------|-------------|-------------|--|-----|
| MT | 688 | 252 | 1,169 | 2,109 | 1,890 | 219 | 85 | 12% |
| | 716,545 | 79,519 | 174,141 | 970,205 | 542,040 | 428,165 | 62,948 | 9% |
| NC | 2,136 | 479 | 3,862 | 6,477 | 6,042 | 435 | 320 | 15% |
| | 7,140,116 | 133,558 | 321,685 | 7,595,359 | 2,067,728 | 5,527,631 | 442,555 | 6% |
| ND | 331 | 25 | 159 | 515 | 403 | 112 | 9 | 3% |
| | 561,809 | 3,883 | 14,146 | 579,838 | 258,133 | 321,705 | 10,729 | 2% |
| NE | 596 | 164 | 568 | 1,328 | 1,267 | 61 | 133 | 22% |
| | 1,415,174 | 52,329 | 57,505 | 1,525,008 | 736,833 | 788,175 | 122,939 | 9% |
| NH | 711 | 450 | 1,251 | 2,412 | 2,353 | 59 | 116 | 16% |
| | 849,684 | 96,036 | 319,585 | 1,265,305 | 736,098 | 529,207 | 111,715 | 13% |
| NJ | 606 | 817 | 2,445 | 3,868 | 3,757 | 111 | 47 | 8% |
| | 8,717,756 | 354,744 | 420,973 | 9,493,473 | 3,659,582 | 5,833,891 | 592,782 | 7% |
| NM | 633 | 169 | 460 | 1,262 | 1,192 | 70 | 94 | 15% |
| | 1,697,004 | 50,772 | 73,337 | 1,821,113 | 1,525,468 | 295,645 | 202,932 | 12% |
| NV | 221 | 104 | 244 | 569 | 529 | 40 | 29 | 13% |
| | 2,546,438 | 41,807 | 23,014 | 2,611,259 | 297,000 | 2,314,259 | 40,234 | 2% |
| NY | 2,777 | 745 | 5,968 | 9,490 | 8,104 | 1,386 | 267 | 10% |
| | 17,871,595 | 323,088 | 2,845,472 | 21,040,155 | 5,420,464 | 15,619,691 | 1,766,623 | 10% |
| OH | 1,266 | 855 | 3,018 | 5,139 | 4,824 | 315 | 108 | 9% |
| | 10,345,753 | 217,810 | 444,001 | 11,007,564 | 3,477,256 | 7,530,308 | 365,702 | 4% |
| OK | 1,111 | 109 | 354 | 1,574 | 849 | 725 | 259 | 23% |
| | 3,459,985 | 28,747 | 28,979 | 3,517,711 | 662,566 | 2,855,145 | 829,146 | 24% |
| OR | 866 | 340 | 1,421 | 2,627 | 2,324 | 303 | 118 | 14% |
| | 3,079,948 | 72,520 | 216,038 | 3,368,506 | 766,902 | 2,601,604 | 94,352 | 3% |
| PA | 2,075 | 1,232 | 6,155 | 9,462 | 8,868 | 594 | 178 | 9% |
| | 10,705,071 | 522,930 | 783,445 | 12,011,446 | 2,607,685 | 9,403,761 | 2,106,509 | 20% |
| RI | 85 | 78 | 316 | 479 | 455 | 24 | 11 | 13% |
| | 991,863 | 27,763 | 54,859 | 1,074,485 | 230,339 | 844,146 | 314,514 | 32% |
| SC | 623 | 141 | 744 | 1,508 | 1,168 | 340 | 36 | 6% |
| | 3,730,888 | 40,934 | 39,933 | 3,811,755 | 618,396 | 3,193,359 | 110,174 | 3% |
| SD | 456 | 27 | 174 | 657 | 518 | 139 | 46 | 10% |
| | 682,429 | 8,118 | 24,603 | 715,150 | 315,426 | 399,724 | 38,404 | 6% |
| TN | 485 | 44 | 367 | 896 | 529 | 367 | 49 | 10% |
| | 5,812,407 | 25,810 | 57,531 | 5,895,748 | 1,478,754 | 4,416,994 | 297,600 | 5% |
| TX | 4,669 | 855 | 1,237 | 6,761 | 5,510 | 1,251 | 470 | 10% |
| | 24,536,443 | 512,374 | 247,799 | 25,296,616 | 7,239,700 | 18,056,916 | 2,035,244 | 8% |
| UT | 458 | 68 | 438 | 964 | 868 | 96 | 36 | 8% |
| | 2,607,806 | 29,486 | 72,544 | 2,709,836 | 1,593,458 | 1,116,378 | 142,129 | 5% |
| VA | 1,216 | 562 | 1,152 | 2,930 | 2,555 | 375 | 148 | 12% |
| | 6,489,474 | 300,169 | 178,609 | 6,968,252 | 791,337 | 6,176,915 | 317,076 | 5% |
| VT | 446 | 247 | 673 | 1,366 | 1,245 | 121 | 87 | 20% |
| | 450,476 | 43,343 | 100,633 | 594,452 | 320,058 | 274,394 | 74,056 | 16% |
| WA | 2,267 | 330 | 1,573 | 4,170 | 3,903 | 267 | 209 | 9% |
| | 5,943,687 | 139,054 | 408,262 | 6,491,003 | 2,943,074 | 3,547,929 | 137,028 | 2% |
| WI | 1,081 | 898 | 9,533 | 11,512 | 11,455 | 57 | 100 | 9% |
| | 3,940,472 | 206,431 | 713,402 | 4,860,305 | 3,040,091 | 1,820,214 | 411,696 | 10% |
| WV | 503 | 131 | 468 | 1,102 | 758 | 344 | 44 | 9% |
| | 1,492,831 | 40,873 | 32,911 | 1,566,615 | 303,942 | 1,262,673 | 148,356 | 10% |
| WY | 296 | 87 | 384 | 767 | 639 | 128 | 22 | 7% |
| | 438,256 | 21,819 | 73,257 | 533,332 | 191,256 | 342,076 | 7,897 | 2% |
| | 50,648 | 18,362 | 83,933 | 152,943 | 138,882 | 14,061 | 5,418 | |
| | 285,529,166 | 5,899,045 | 13,545,269 | | 102,610,323 | 202,363,157 | 19,782,214 | |



FACTOIDS: Drinking Water and Ground Water Statistics for 2008

Office of Water (4601M)
EPA 816-K-08-004
November 2008
www.epa.gov/safewater/data

There are approximately 155,000 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 155,000 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 (292 million) get their water from a community water system. There are approximately 52,000 community water systems, but just eight percent of those systems (4,132) serve 82 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 states regulate the placement and operation of these wells to ensure that they do not threaten underground sources of drinking water. The underground injection control program statistics are based on separate reporting from the states to EPA.

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.

Notice: Compliance statistics are based on violations reported by states to the EPA Safe Drinking Water Information System. EPA is aware of inaccuracies and underreporting of some data in this system. We are working with the states to improve the quality of the data. An analysis of SDWIS/Fed data quality is available at www.epa.gov/safewater/data/reports.html

For more information and additional drinking water data tables, please visit <http://www.epa.gov/safewater/data/getdata.html>.

Acronyms & Abbreviations:

CWS: Community Water System

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

GPRA: Government Performance and Results Act--program measures

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]

MRDL: Maximum Residual Disinfectant Level [for disinfectants added to 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 System/Federal version

TNCWS: Transient Non-Community Water System

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

FY2008 Drinking Water Factoids

Public Water System Inventory data

Active, current systems, from Safe Drinking Water Information System/Federal version (SDWIS/FED) 08Q3 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 | 29,160 | 13,858 | 4,838 | 3,728 | 404 | 51,988 |
| | Pop. served | 4,857,104 | 19,868,795 | 28,134,557 | 106,310,834 | 133,128,786 | 292,300,076 |
| | % of systems | 56% | 27% | 9% | 7% | 1% | 100% |
| | % of pop | 2% | 7% | 10% | 36% | 46% | 100% |
| NTNCWS | # systems | 15,954 | 2,641 | 130 | 16 | 1 | 18,742 |
| | Pop. served | 2,234,688 | 2,701,807 | 702,369 | 412,160 | 203,000 | 6,254,024 |
| | % of systems | 85% | 14% | 1% | 0% | 0% | 100% |
| | % of pop | 36% | 43% | 11% | 7% | 3% | 100% |
| TNCWS | # systems | 81,324 | 2,705 | 101 | 17 | 2 | 84,149 |
| | Pop. served | 7,197,477 | 2,625,850 | 542,458 | 482,151 | 2,725,000 | 13,572,936 |
| | % of systems | 97% | 3% | 0% | 0% | 0% | 100% |
| | % of pop | 53% | 19% | 4% | 4% | 20% | 100% |
| Total # system | | 126,438 | 19,204 | 5,069 | 3,761 | 407 | 154,879 |

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 and is open at least 60 days/year.

Water source

| Type | | Ground Water | Surface Water | Totals |
|----------------|--------------|--------------|---------------|-------------|
| CWS | # systems | 40,301 | 11,671 | 51,972 |
| | Pop. served | 88,039,047 | 204,094,646 | 292,133,693 |
| | % of systems | 78% | 22% | 100% |
| | % of pop | 30% | 70% | 100% |
| NTNCWS | # systems | 18,041 | 688 | 18,729 |
| | Pop. served | 5,462,056 | 788,360 | 6,250,416 |
| | % of systems | 96% | 4% | 100% |
| | % of pop | 87% | 13% | 100% |
| TNCWS | # systems | 82,126 | 2,010 | 84,136 |
| | Pop. served | 11,036,800 | 2,534,900 | 13,571,700 |
| | % of systems | 98% | 2% | 100% |
| | % of pop | 81% | 19% | 100% |
| Total # system | | 140,468 | 14,369 | |

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 08Q3 tables were "frozen" in early October 2008

FY2008 water system data--Tribal

Active, current systems, from SDWIS/FED 08Q3 frozen inventory table

Key:

| |
|------------|
| # systems |
| Pop served |

Health-based (Treatment Technique & Maximum Contaminant Level) violations, from 08Q3 frozen violations table

CWSs w/ reported health-based violations

| Region | CWS | NTNCWS | TNCWS | Total | Ground | Surface | # systems | Pop served |
|---------------|---------|---------|--------|---------|---------|---------|-----------|------------|
| 01 | 2 | 2 | 1 | 5 | 4 | 1 | 1 | 50% |
| | 41,095 | 60 | 40 | 41,195 | 195 | 41,000 | 95 | 0% |
| 02 | 7 | 1 | 1 | 9 | 8 | 1 | 1 | 14% |
| | 10,553 | 175 | 200 | 10,928 | 5,978 | 4,950 | 4,950 | 47% |
| 04 | 14 | 2 | 15 | 31 | 30 | 1 | 2 | 14% |
| | 21,058 | 1,107 | 1,576 | 23,741 | 14,241 | 9,500 | 2,143 | 10% |
| 05 | 78 | 25 | 8 | 111 | 109 | 2 | 5 | 6% |
| | 97,827 | 26,971 | 660 | 125,458 | 124,969 | 489 | 3,035 | 3% |
| 06 | 50 | 20 | 15 | 85 | 76 | 9 | 9 | 18% |
| | 72,352 | 75,968 | 1,788 | 150,108 | 134,681 | 15,427 | 11,900 | 16% |
| 07 | 9 | 2 | 3 | 14 | 13 | 1 | 1 | 11% |
| | 5,394 | 1,250 | 730 | 7,374 | 6,674 | 700 | 700 | 13% |
| 08 | 113 | 15 | 6 | 134 | 109 | 25 | 13 | 12% |
| | 92,320 | 5,449 | 304 | 98,073 | 72,062 | 26,011 | 10,889 | 12% |
| 09 | 234 | 53 | 35 | 322 | 301 | 21 | 62 | 26% |
| | 268,387 | 96,736 | 6,571 | 371,694 | 340,130 | 31,564 | 85,280 | 32% |
| 10 | 83 | 18 | 10 | 111 | 98 | 13 | 3 | 4% |
| | 45,057 | 36,125 | 915 | 82,097 | 51,419 | 30,678 | 660 | 1% |
| Navajo Nation | 140 | 13 | 6 | 159 | 154 | 5 | 14 | 10% |
| | 139,264 | 4,546 | 1,109 | 144,919 | 127,034 | 17,885 | 23,069 | 17% |
| | 730 | 151 | 100 | 981 | 902 | 79 | 111 | |
| | 793,307 | 248,387 | 13,893 | | 877,383 | 178,204 | 142,721 | |

FY2008 water system data--Commonwealths and Territories

Active, current systems, from SDWIS/FED 08Q3 frozen inventory table

Key:

| |
|------------|
| # systems |
| Pop served |

Health-based (Treatment Technique & Maximum Contaminant Level) violations, from 08Q3 frozen violations table

CWSs w/ reported health-based violations

| | CWS | NTNCWS | TNCWS | Total | Ground | Surface | # systems | Pop served |
|----------------|-----------|---------|--------|-----------|-----------|-----------|-----------|------------|
| Amer. Samoa | 19 | | | 19 | 13 | 6 | 6 | 32% |
| | 51,435 | | | 51,435 | 5,277 | 46,158 | 1,364 | 3% |
| Guam | 5 | 4 | | 9 | 6 | 3 | | 0% |
| | 194,286 | 2,090 | | 196,376 | 155,840 | 40,536 | | 0% |
| N. Marianas | 45 | 27 | 12 | 84 | 82 | 2 | 11 | 24% |
| | 82,630 | 8,414 | 861 | 91,905 | 25,926 | 65,979 | 69,325 | 84% |
| Puerto Rico | 446 | 50 | 6 | 502 | 287 | 215 | 234 | 52% |
| | 5,399,857 | 47,049 | 2,356 | 5,449,262 | 796,890 | 4,652,372 | 3,349,136 | 62% |
| Virgin Islands | 79 | 135 | 85 | 299 | 296 | 3 | 6 | 8% |
| | 83,012 | 45,431 | 9,321 | 137,764 | 66,264 | 71,500 | 1,738 | 2% |
| | 594 | 216 | 103 | 913 | 684 | 229 | 257 | |
| | 5,811,220 | 102,984 | 12,538 | | 1,050,197 | 4,876,545 | 3,421,563 | |

**Government Performance and Results Act (GPRA)--
Strategic Sub-objective For Drinking Water 2.1.1**

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 Strategic Objective 2.1: Protect Public Health, Sub-objective 2.1.1: Water Safe To Drink: By 2011, 91 percent of the population served by community water systems will receive drinking water that meets all applicable health-based drinking water standards through approaches including effective treatment and source water protection. (2005 Baseline: 89 percent of population; note that year-to-year performance is expected to change over time as new standards take effect.)

Notice: These measures are based on violations reported by states to the EPA Safe Drinking Water Information System. EPA is aware of inaccuracies and underreporting of some data in this system. We are working with the states to improve the quality of the data.

| | | By EPA region | | | | | | | | | |
|------------|-------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Nationally | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 2008 | 92.0% | 91% | 82% | 90% | 94% | 95% | 89% | 83% | 96% | 98% | 96% |
| 2007 | 91.5% | 92% | 76% | 95% | 93% | 93% | 92% | 93% | 97% | 95% | 92% |
| 2006 | 89.4% | 92% | 61% | 93% | 93% | 92% | 88% | 91% | 96% | 98% | 95% |
| 2005 | 88.5% | 92% | 55% | 93% | 93% | 94% | 88% | 91% | 95% | 95% | 95% |
| 2004 | 90.0% | 93% | 80% | 85% | 93% | 96% | 92% | 92% | 92% | 86% | 93% |
| 2003 | 89.6% | 89% | 54% | 95% | 93% | 95% | 93% | 93% | 92% | 98% | 93% |
| 2002 | 93.6% | 88% | 81% | 98% | 96% | 94% | 93% | 95% | 97% | 99% | 91% |
| 2001 | 90.8% | 65% | 77% | 98% | 95% | 92% | 96% | 90% | 94% | 97% | 83% |
| 2000 | 90.7% | 62% | 76% | 97% | 95% | 95% | 96% | 95% | 94% | 94% | 83% |
| 1999 | 90.5% | 75% | 61% | 98% | 95% | 95% | 95% | 95% | 94% | 97% | 94% |
| 1998 | 89.0% | 64% | 60% | 97% | 95% | 95% | 95% | 94% | 93% | 95% | 89% |
| 1997 | 86.5% | 62% | 55% | 97% | 93% | 92% | 93% | 95% | 91% | 95% | 74% |
| 1996 | 85.6% | 60% | 53% | 92% | 93% | 92% | 94% | 95% | 92% | 91% | 74% |
| 1995 | 83.8% | 57% | 52% | 91% | 92% | 92% | 88% | 95% | 90% | 88% | 75% |
| 1994 | 83.0% | 57% | 55% | 87% | 90% | 88% | 87% | 94% | 91% | 90% | 87% |
| 1993 | 78.8% | 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), Maximum Residual Disinfectant Level (MRDL) and Treatment Technique (TT) violations.

Population data are based on active, current water systems

For FY2008, population and violation data are from SDWIS/FED 08Q3 frozen tables.

For FY2007, population and violation data are from SDWIS/FED 07Q3 frozen tables.

For FY2006, population and violation data are from SDWIS/FED 06Q3 frozen tables.

For FY2005, population and violation data are from SDWIS/FED 05Q4 frozen tables.

For FY2004, population and violation data are from SDWIS/FED 04Q4 frozen tables.

For FY2003, population and violation data are from SDWIS/FED 03Q4 frozen tables.

For FY2002, population and violation data are from SDWIS/FED 02Q4 frozen tables.

For FY2001, population and violation data are from SDWIS/FED 01Q4 frozen tables. CA population data from 00Q4 frozen tables

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.

Government Performance and Results Act (GPRA)-- Strategic Target For Drinking Water SP-1

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 Strategic Target SP-1: By 2011, 90 percent of community water systems will provide drinking water that meets all applicable health-based drinking water standards through approaches including effective treatment and source water protection. (2005 baseline: 89 percent.)

Notice: These measures are based on violations reported by states to the EPA Safe Drinking Water Information System. EPA is aware of inaccuracies and underreporting of some data in this system. We are working with the states to improve the quality of the data.

| | | By EPA region | | | | | | | | | | | | | | | | | | |
|-------------------|-------------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|--|--|--|--|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | | | | | | |
| Nationally | 2008 | 88.9% | | | | | | | | | | | | | | | | | | |
| | 2007 | 88.9% | | | | | | | | | | | | | | | | | | |
| | 2006 | 89.3% | | | | | | | | | | | | | | | | | | |
| | 2005 | 89.2% | | | | | | | | | | | | | | | | | | |
| | | 85% | 86% | 91% | 91% | 91% | 87% | 88% | 90% | 89% | 88% | | | | | | | | | |
| | | 83% | 87% | 91% | 91% | 90% | 88% | 87% | 91% | 89% | 88% | | | | | | | | | |
| | | 84% | 88% | 91% | 91% | 91% | 88% | 88% | 90% | 91% | 87% | | | | | | | | | |
| | | 86% | 86% | 92% | 91% | 92% | 86% | 87% | 90% | 92% | 87% | | | | | | | | | |
| | | 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), Maximum Residual Disinfectant

Population data are based on active, current water systems

For FY2008, population and violation data are from SDWIS/FED 08Q3 frozen tables.

For FY2007, population and violation data are from SDWIS/FED 07Q3 frozen tables.

For FY2006, population and violation data are from SDWIS/FED 06Q3 frozen tables.

For FY2005, population and violation data are from SDWIS/FED 05Q4 frozen tables.

**Government Performance and Results Act (GPRA)--
Strategic Target For Drinking Water SP-2**

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 Strategic Target SP-2: By 2011, community water systems will provide drinking water that meets all applicable health-based drinking water standards during 96 percent of person months (i.e., all persons served by community water systems times 12 months). (2005 baseline: 95.2 percent.)

The measure tracks the duration of a population's exposure to violations. For example, some systems may receive a violation for an incident that lasts only one day (e.g., turbidity increase due to storm event). The measure is intended to give a more accurate picture of exposure of the population to contamination. Achievement of the measure will help ensure that the long-term outcome measure of population served by community water systems in compliance at all times is achieved.

Notice: These measures are based on violations reported by states to the EPA Safe Drinking Water Information System. EPA is aware of inaccuracies and underreporting of some data in this system. We are working with the states to improve the quality of the data.

| | Nationally | By EPA region | | | | | | | | | |
|------|------------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 2008 | 96.9% | 96% | 91% | 98% | 98% | 97% | 96% | 96% | 99% | 99% | 98% |
| 2007 | 96.6% | 96% | 91% | 98% | 98% | 97% | 97% | 98% | 99% | 97% | 98% |
| 2006 | 96.8% | 97% | 91% | 97% | 98% | 96% | 96% | 97% | 99% | 99% | 99% |
| 2005 | 95.2% | 97% | 80% | 96% | 98% | 96% | 96% | 97% | 99% | 99% | 99% |
| | | 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), Maximum Residual Disinfectant
Population data are based on active, current water systems

For FY2008, population and violation data are from SDWIS/FED 08Q3 frozen tables.

For FY2007, population and violation data are from SDWIS/FED 07Q3 frozen tables.

For FY2006, population and violation data are from SDWIS/FED 06Q3 frozen tables.

For FY2005, population and violation data are from SDWIS/FED 05Q4 frozen tables.

CWS violations reported by FY

FY2008 data from SDWIS/FED 08Q3 frozen tables

FY2007 data from SDWIS/FED 07Q3 frozen tables

FY2006 data from SDWIS/FED 06Q3 frozen tables

FY2005 data from SDWIS/FED 05Q4 frozen tables, except for Chem M/Rs which are from 06Q1

FY2004 data from SDWIS/FED 04Q4 frozen tables, except for Chem M/Rs which are from 05Q1

FY2003 data from SDWIS/FED 03Q4 frozen tables, except for Chem M/Rs which are from 04Q1

Number of violations

| FY | MCL | MRDL | TT | M/R | Other* | Total |
|------|-------|------|-------|---------|--------|---------|
| 2008 | 9,883 | 5 | 2,647 | 103,064 | 20,774 | 136,373 |
| 2007 | 9,410 | 5 | 3,056 | 61,316 | 23,299 | 97,086 |
| 2006 | 9,076 | 7 | 2,790 | 57,117 | 19,245 | 88,235 |
| 2005 | 9,360 | 4 | 3,036 | 109,167 | 18,414 | 139,981 |
| 2004 | 5,340 | 6 | 2,168 | 87,393 | 14,459 | 109,366 |
| 2003 | 4,688 | 1 | 2,299 | 58,675 | 12,671 | 78,334 |

Number of systems in violation

| FY | MCL | MRDL | TT | M/R | Other* | Total * |
|------|-------|------|-------|--------|--------|---------|
| 2008 | 4,553 | 5 | 1,506 | 13,084 | 8,631 | 20,797 |
| 2007 | 4,412 | 4 | 1,648 | 12,619 | 10,429 | 21,544 |
| 2006 | 4,371 | 3 | 1,538 | 13,071 | 9,600 | 21,618 |
| 2005 | 4,383 | 4 | 1,625 | 14,291 | 10,258 | 22,772 |
| 2004 | 3,419 | 4 | 1,409 | 13,551 | 8,947 | 21,055 |
| 2003 | 3,042 | 1 | 1,458 | 12,819 | 8,109 | 20,280 |

Population affected

| FY | MCL | MRDL | TT | M/R | Other* | Total * |
|------|------------|---------|------------|------------|------------|------------|
| 2008 | 15,841,822 | 1,021 | 10,086,935 | 57,538,783 | 21,872,736 | 83,385,983 |
| 2007 | 16,105,351 | 263,875 | 10,895,825 | 51,148,667 | 30,434,294 | 87,843,223 |
| 2006 | 16,221,483 | 46,344 | 16,612,762 | 52,289,555 | 23,372,794 | 83,062,903 |
| 2005 | 18,951,548 | 424,859 | 16,879,450 | 61,767,844 | 23,442,800 | 90,890,243 |
| 2004 | 15,018,194 | 3,617 | 16,588,301 | 48,675,006 | 17,833,120 | 76,870,272 |
| 2003 | 15,438,443 | 2,250 | 16,969,087 | 49,497,572 | 12,726,332 | 80,765,799 |

FY2008 CWS results, by system size

Number of violations

| | MCL | MRDL | TT | M/R | Other | Total |
|------------|-------|------|-------|--------|--------|--------|
| Very small | 5,277 | 5 | 1,531 | 76,063 | 15,760 | 98,636 |
| Small | 3,004 | | 718 | 18,619 | 3,527 | 25,868 |
| Medium | 1,001 | | 231 | 8,602 | 915 | 10,749 |
| Large | 667 | | 154 | 9,750 | 545 | 11,116 |
| Very large | 27 | | 13 | 1,145 | 27 | 1,212 |

Number of systems in violation

| | MCL | MRDL | TT | M/R | Other | Total * |
|------------|-------|------|-----|-------|-------|---------|
| Very small | 2,546 | 5 | 896 | 8,567 | 5,842 | 12,956 |
| Small | 1,232 | | 383 | 2,841 | 1,940 | 4,996 |
| Medium | 448 | | 133 | 930 | 494 | 1,587 |
| Large | 315 | | 85 | 684 | 334 | 1,173 |
| Very large | 12 | | 9 | 62 | 21 | 85 |

Population affected

| | MCL | MRDL | TT | M/R | Other | Total * |
|------------|-----------|-------|-----------|------------|-----------|------------|
| Very small | 435,974 | 1,021 | 148,542 | 1,328,092 | 899,846 | 2,061,976 |
| Small | 1,772,360 | | 578,182 | 3,941,593 | 2,658,558 | 7,043,096 |
| Medium | 2,582,166 | | 761,899 | 5,391,970 | 2,736,140 | 9,146,949 |
| Large | 7,590,568 | | 2,351,256 | 18,067,524 | 8,341,321 | 30,595,667 |
| Very large | 3,460,754 | | 6,247,056 | 28,809,604 | 7,236,871 | 34,538,295 |

* 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.

Compliance information since FY2003 includes new DBP and IESWTR rules

NTNCWS violations reported by FY

FY2008 data from SDWIS/FED 08Q3 frozen tables

FY2007 data from SDWIS/FED 07Q3 frozen tables

FY2006 data from SDWIS/FED 06Q3 frozen tables

FY2005 data from SDWIS/FED 05Q4 frozen tables, except for Chem M/Rs which are from 06Q1

FY2004 data from SDWIS/FED 04Q4 frozen tables, except for Chem M/Rs which are from 05Q1

FY2003 data from SDWIS/FED 03Q4 frozen tables, except for Chem M/Rs which are from 04Q1

Number of violations

| FY | MCL | MRDL | TT | M/R | Other | Total |
|------|-------|------|-----|--------|-------|--------|
| 2008 | 2,206 | | 766 | 39,379 | 3,449 | 45,800 |
| 2007 | 2,141 | | 794 | 28,581 | 2,490 | 34,006 |
| 2006 | 1,833 | | 827 | 27,728 | 2,063 | 32,451 |
| 2005 | 1,851 | 1 | 853 | 48,276 | 717 | 51,698 |
| 2004 | 1,348 | | 681 | 34,097 | 538 | 36,664 |
| 2003 | 1,383 | | 680 | 25,588 | 503 | 28,154 |

Number of systems in violation

| FY | MCL | MRDL | TT | M/R | Other | Total * |
|------|-------|------|-----|-------|-------|---------|
| 2008 | 1,326 | | 536 | 5,178 | 1,227 | 6,870 |
| 2007 | 1,313 | | 539 | 4,903 | 1,238 | 6,618 |
| 2006 | 1,198 | | 539 | 5,143 | 1,059 | 6,590 |
| 2005 | 1,160 | 1 | 550 | 5,578 | 491 | 6,778 |
| 2004 | 1,020 | | 474 | 4,957 | 356 | 5,987 |
| 2003 | 1,024 | | 495 | 4,752 | 317 | 5,794 |

Population affected

| FY | MCL | MRDL | TT | M/R | Other | Total * |
|------|---------|------|---------|-----------|---------|-----------|
| 2008 | 423,663 | | 181,073 | 1,630,978 | 343,836 | 2,141,033 |
| 2007 | 398,021 | | 188,740 | 1,526,926 | 355,150 | 2,083,785 |
| 2006 | 405,274 | | 170,672 | 1,670,822 | 277,538 | 2,136,600 |
| 2005 | 342,398 | 110 | 164,644 | 1,665,415 | 122,177 | 2,035,743 |
| 2004 | 286,638 | | 130,242 | 1,401,311 | 88,003 | 1,711,868 |
| 2003 | 265,927 | | 140,053 | 1,432,966 | 85,026 | 1,746,697 |

TNCWS violations reported by FY

Number of violations

| FY | MCL | MRDL | TT | M/R | Other | Total |
|------|-------|------|-----|--------|--------|--------|
| 2008 | 5,259 | - | 384 | 26,589 | 24,437 | 56,669 |
| 2007 | 5,575 | - | 435 | 28,599 | 22,078 | 56,687 |
| 2006 | 5,264 | - | 474 | 29,848 | 19,010 | 54,596 |
| 2005 | 4,994 | - | 502 | 34,880 | 4,800 | 45,176 |
| 2004 | 5,003 | - | 415 | 34,295 | 3,028 | 42,741 |
| 2003 | 5,063 | - | 573 | 33,666 | 8,640 | 47,942 |

Number of systems in violation

| FY | MCL | MRDL | TT | M/R | Other | Total * |
|------|-------|------|-----|--------|-------|---------|
| 2008 | 4,068 | - | 227 | 14,938 | 8,159 | 22,714 |
| 2007 | 4,319 | - | 237 | 15,626 | 7,664 | 22,996 |
| 2006 | 4,066 | - | 211 | 15,571 | 6,417 | 21,800 |
| 2005 | 3,961 | - | 215 | 17,542 | 2,284 | 21,236 |
| 2004 | 3,960 | - | 195 | 17,314 | 1,697 | 20,653 |
| 2003 | 4,055 | - | 245 | 17,429 | 3,685 | 21,338 |

Population affected

| FY | MCL | MRDL | TT | M/R | Other | Total * |
|------|-----------|------|--------|-----------|---------|-----------|
| 2008 | 548,776 | - | 58,580 | 1,959,479 | 859,435 | 2,900,038 |
| 2007 | 538,931 | - | 63,160 | 1,999,117 | 731,880 | 2,799,528 |
| 2006 | 1,296,508 | - | 50,372 | 2,166,532 | 642,080 | 3,596,226 |
| 2005 | 541,171 | - | 86,648 | 2,260,178 | 344,411 | 2,812,854 |
| 2004 | 549,164 | - | 51,915 | 2,205,971 | 234,291 | 2,705,723 |
| 2003 | 540,765 | - | 40,518 | 2,159,794 | 340,950 | 2,647,611 |

* 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.

Compliance information since FY2003 includes new DBP and IESWTR rules

FY2008 MCL, MRDL and TT violations reported

From SDWIS/FED 08Q3 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 |
|--------------------------|--|-------------------------|-------------------------|-------------------------|------------------------|------------------------------|
| Microbials: | Applies to all water systems | | | | | |
| TCR | 7,527 5,755 643,067 | 989 772 991,612 | 272 235 1,365,157 | 251 204 4,878,935 | 10 7 2,829,851 | 9,049 6,973 10,708,622 |
| | Applies to CWS & NTNCWS that disinfect (plus TNCWSs that use ClO2) | | | | | |
| Stage 1 DBP | 1,317 535 98,147 | 1,629 542 849,756 | 580 218 1,224,557 | 159 75 1,569,709 | 4 2 209,225 | 3,689 1,372 3,951,394 |
| | Applies to surface water systems | | | | | |
| SWTR | 887 475 74,127 | 254 150 201,550 | 37 33 213,814 | 17 17 357,784 | 3 3 2,741,000 | 1,198 678 3,588,275 |
| | Applies to surface water systems | | | | | |
| IE&LT1SWTR | 199 65 13,020 | 185 71 121,138 | 62 40 234,161 | 87 38 1,250,980 | 9 5 3,210,356 | 542 219 4,829,655 |
| Organics: | Applies to CWS and NTNCWS | | | | | |
| VOC | 46 28 5,617 | 9 4 7,685 | 3 1 4,394 | 4 4 117,020 | | 62 37 134,716 |
| SOC | 26 20 3,339 | | 1 1 4,877 | 2 2 89,500 | | 29 23 97,716 |
| Inorganics: | Applies to CWS and NTNCWS | | | | | |
| Nitrate/Nitrite | 997 563 67,426 | 147 62 70,898 | 9 2 8,655 | 10 4 55,301 | | 1,163 631 202,280 |
| Arsenic | 1,554 731 113,891 | 412 173 227,941 | 166 41 247,763 | 59 22 722,821 | | 2,191 967 1,312,416 |
| Other IOC | 275 111 17,938 | 63 23 29,304 | 8 3 23,336 | 14 10 385,653 | 3 1 100,387 | 363 148 556,618 |
| | Applies to CWS | | | | | |
| Radionuclides | 714 235 41,349 | 337 103 138,131 | 80 30 179,515 | 170 31 725,178 | 7 3 423,174 | 1,308 402 1,507,347 |
| | Applies to CWS and NTNCWS | | | | | |
| Lead & Copper | 1,211 861 125,344 | 259 213 272,507 | 55 41 222,036 | 25 20 519,529 | 1 1 295,700 | 1,551 1,136 1,435,116 |

Acronyms:

TCR = Total Coliform Rule

SWTR = Surface Water Treatment Rule

IE<1SWTR = Interim Enhanced and Long Term 1 Surface Water Treatment Rule

DBP = Disinfection By-Products Rule

VOC = Regulated volatile organic contaminants (e.g., Benzene) other than TTHM (which are listed in DBP Rule)

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

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

FY2008 Monitoring violations reported

From SDWIS/FED 08Q3 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 |
|--|----------------------|--------------------|------------------------|-------------------------|------------------------|------------|
| Microbials: Applies to all water systems | | | | | | |
| TCR | 28,424 | 2,672 | 438 | 205 | 23 | 31,762 |
| | 17,402 | 1,714 | 315 | 174 | 19 | 19,624 |
| | 1,846,394 | 2,105,338 | 1,785,096 | 4,388,486 | 7,905,493 | 18,030,807 |
| Applies to CWS & NTNCWS that disinfect (plus TNCWSs that use ClO2) | | | | | | |
| Stage 1 DBP | 4,049 | 1,701 | 444 | 351 | 31 | 6,576 |
| | 1,969 | 847 | 245 | 160 | 18 | 3,239 |
| | 350,654 | 1,183,648 | 1,411,704 | 4,316,844 | 5,385,089 | 12,647,939 |
| Applies to surface water systems | | | | | | |
| SWTR | 804 | 225 | 95 | 26 | 6 | 1,156 |
| | 247 | 104 | 54 | 21 | 5 | 431 |
| | 44,117 | 144,412 | 298,933 | 433,936 | 3,072,147 | 3,993,545 |
| Applies to surface water systems | | | | | | |
| IE&LT1SWTR | 228 | 166 | 75 | 38 | 8 | 515 |
| | 92 | 69 | 36 | 21 | 6 | 224 |
| | 15,561 | 95,829 | 204,914 | 524,721 | 2,474,278 | 3,315,303 |
| Organics: Applies to CWS and NTNCWS | | | | | | |
| VOC | 35,422 | 7,109 | 2,051 | 2,524 | 585 | 47,691 |
| | 1,392 | 268 | 90 | 80 | 10 | 1,840 |
| | 182,956 | 376,259 | 539,140 | 2,380,214 | 3,705,597 | 7,184,166 |
| SOC | 29,692 | 5,392 | 3,805 | 4,173 | 184 | 43,246 |
| | 1,270 | 240 | 136 | 116 | 4 | 1,766 |
| | 169,196 | 325,843 | 792,950 | 3,235,960 | 1,014,716 | 5,538,665 |
| Inorganics: Applies to CWS and NTNCWS | | | | | | |
| Nitrate/Nitrite | 7,120 | 645 | 136 | 188 | 46 | 8,135 |
| | 6,109 | 486 | 101 | 98 | 12 | 6,806 |
| | 638,493 | 588,143 | 607,584 | 2,896,654 | 4,160,754 | 8,891,628 |
| Arsenic | 1,377 | 307 | 94 | 82 | 13 | 1,873 |
| | 1,216 | 248 | 68 | 62 | 8 | 1,602 |
| | 171,442 | 329,051 | 390,625 | 1,752,395 | 1,499,446 | 4,142,959 |
| Other IOC | 10,079 | 1,692 | 494 | 718 | 148 | 13,131 |
| | 1,048 | 183 | 44 | 64 | 11 | 1,350 |
| | 140,058 | 233,732 | 258,591 | 1,970,474 | 4,933,185 | 7,536,040 |
| Applies to CWS | | | | | | |
| Radionuclides | 1,985 | 543 | 202 | 337 | 20 | 3,087 |
| | 549 | 151 | 51 | 46 | 5 | 802 |
| | 77,310 | 207,818 | 307,339 | 1,254,181 | 2,456,646 | 4,303,294 |
| Applies to CWS and NTNCWS | | | | | | |
| Lead & Copper | 8,977 | 1,945 | 405 | 245 | 26 | 11,598 |
| | 6,130 | 1,422 | 324 | 200 | 14 | 8,090 |
| | 880,419 | 1,776,968 | 1,805,868 | 4,740,571 | 11,628,980 | 20,832,806 |

Acronyms:

TCR= Total Coliform Rule

SWTR = Surface Water Treatment Rule

IE<1SWTR = Interim Enhanced and Long Term 1 Surface Water Treatment Rule

DBP = Disinfection By-Products Rule

VOC = Regulated volatile organic contaminants (e.g., Benzene) other than TTHM (which are listed in DBP Rule)

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

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

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

Note: The Class III and Class IV facilities may contain multiple wells

| State | Class I Hazardous Waste Wells | Class I Non- Hazardous Waste Wells | Class II Wells | Class III Facilities | Class III Wells | Class IV Facilities | Class V Wells |
|-------|-------------------------------------|--|-------------------|-------------------------|--------------------|------------------------|------------------|
| AK | | 23 | 1,281 | | | | 1,673 |
| AL | | | 243 | 1 | 5 | | 431 |
| AR | 3 | 13 | 1,069 | | | | 197 |
| AS | | | | | | | |
| AZ | | | | 2 | 6 | | 47,862 |
| CA | | 23 | 28,672 | 1 | 87 | | 17,094 |
| CO | | 6 | 799 | 3 | 27 | | 1,802 |
| CT | | | | | | | 542 |
| DC | | | | | | | 96 |
| DE | | | | | | | 1,026 |
| FL | 1 | 187 | 62 | | | | 55,078 |
| GA | | | | | | | 8,353 |
| GU | | | | | | | 140 |
| HI | | | | | | | 5,259 |
| IA | | | 2 | | | | 1,432 |
| ID | | | | | | | 12,389 |
| IL | 3 | 1 | 7,752 | | | | 10,142 |
| IN | 5 | 11 | 1,326 | | | | 7,724 |
| KS | 6 | 42 | 16,416 | 4 | 139 | | 5,880 |
| KY | | 1 | 3,405 | | | | 13,091 |
| LA | 17 | 25 | 3,354 | 20 | 89 | | 155 |
| MA | | | | | | | 1,629 |
| MD | | | | | | | 13,693 |
| ME | | | | | | | 1,871 |
| MI | 8 | 20 | 1,592 | 5 | 49 | | 8,934 |
| MN | | | | | | | 2,744 |
| MO | | | 204 | | | | 7,573 |
| MP | | | | | | | 37 |
| MS | 4 | 1 | 952 | | | | 1,425 |
| MT | | | 929 | | | | 818 |
| NC | | | | | | 3 | 18,876 |
| ND | | 4 | 932 | | | | 548 |
| NE | | 1 | 651 | 1 | 3,473 | | 669 |
| NH | | | | | | | 5,147 |
| NJ | | | | | | | 1,847 |
| NM | | 7 | 4,531 | 17 | 19 | | 1,258 |
| NV | | | 15 | | | | 756 |

Underground Injection Control program--inventory of wells (cont.)

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

Note: The Class III and Class IV facilities may contain multiple wells

| State | Class I Hazardous Waste Wells | Class I Non- Hazardous Waste Wells | Class II Wells | Class III Facilities | Class III Wells | Class IV Facilities | Class V Wells |
|-------|-------------------------------------|--|-------------------|-------------------------|--------------------|------------------------|------------------|
| NY | | | 543 | 6 | 125 | | 30,036 |
| OH | 10 | | 2,702 | 4 | 47 | | 17,775 |
| OK | | 9 | 10,459 | 1 | 2 | 1 | 847 |
| OR | | | 5 | | | 5 | 37,645 |
| PA | | | 1,866 | | | | 13,679 |
| PR | | | | | | | 2,274 |
| RI | | | | | | | 1,042 |
| SC | | | | | | | 14,361 |
| SD | | | 77 | | | | 264 |
| TN | | | 15 | | | | 1,721 |
| TX | 56 | 49 | 50,988 | 79 | 5,595 | 4 | 23,357 |
| UT | | 1 | 290 | 1 | 7 | 8 | 5,346 |
| VA | | | 79 | 1 | 3 | | 12,368 |
| VI | | | | | | | 71 |
| VT | | | | | | | 1,245 |
| WA | | | 1 | | | | 30,417 |
| WI | | | | | | | 1,718 |
| WV | | | 771 | 3 | 39 | | 3,536 |
| WY | | 41 | 4,814 | 3 | 10,490 | | 1,097 |
| | 113 | 465 | 146,797 | 152 | 20,202 | 21 | 456,990 |

Tribal Systems, by EPA Region

| | Class I Wells | Class II Wells | Class III Wells | Class IV/V Wells |
|---------|------------------|-------------------|--------------------|---------------------|
| EPA R1 | | | | 26 |
| EPA R2 | | | | |
| EPA R4 | | | | 76 |
| EPA R5 | | 14 | | 680 |
| EPA R6 | 1 | 2,437 | | 1 |
| EPA R7 | | | | 16 |
| EPA R8 | | 948 | | 71 |
| EPA R9 | | 375 | | 316 |
| EPA R10 | | | | 818 |
| | 1 | 3,774 | - | 2,004 |