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Occurrence of Unregulated Contaminants in Public Water Systems: An Initial Assessment

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ACRONYMS

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Chemical Monitoring Reform (CMR)

Community Water System (CWS)

Dibromochloropropane (DBCP)

Environmental Protection Agency (EPA)

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Ground Water (GW)

Ground Water - Purchased (GWP)

Ground Water Under Direct Influence (GUDI)

Ground Water Under Direct Influence - Purchased (GUP)

Health Advisory Level (HAL)

Health Reference Level (HRL)

Inorganic Chemical (IOC)

Maximum Contaminant Level (MCL)

Method Detection Limit (MDL)

micrograms per liter (Fg/L)

milligrams per liter (mg/L)

Minimum Reporting Level (or Limit, MRL)

National Contaminant Occurrence Database (NCOD)

National Primary Drinking Water Regulations (NPDWRs)

National Water Quality Assessment Program (NAWQA)

Non-Transient Non-Community Water System (NTNCWS)

Office of Ground Water and Drinking Water (OGWDW)

Percentage of Systems with Exceedances (>MCL)

Percentage of Systems with Detections (>MRL)

Public Water System (PWS)

Public Water System Identifier (PWSID)

Safe Drinking Water Act (SDWA)

Safe Drinking Water Information System (SDWIS)

Safe Drinking Water Information System/Federal Version (SDWIS/FED)

Surface Water (SW)

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Unregulated Contaminant Monitoring Regulation (UCMR)

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EXECUTIVE SUMMARY

This report presents a comprehensive overview of the assessment and initial analysis of the unregulated contaminant occurrence data currently available to EPA. The data are from the required monitoring of unregulated contaminants conducted by public drinking water systems prior to 1998. Specifically, this report is based on the occurrence data from the Unregulated Contaminant Information System (URCIS) database (data from Round 1 compliance monitoring) and the Safe Drinking Water Information System/Federal Version (SDWIS/FED) database (data from Round 2 compliance monitoring). The objective of this study is to enhance the scientific understanding of the occurrence of unregulated chemical contaminants in public drinking water systems, and to refine the approach of management and analysis of contaminant occurrence data.

The contaminant occurrence analyses and findings presented in this report are based on national cross-sections of state data (i.e., a subset of representative state data) derived from the URCIS (Round 1) and SDWIS/FED (Round 2) databases. The occurrence findings presented here are not based on the entire collection of state compliance monitoring data contained in the URCIS (Round 1) and SDWIS/FED (Round 2) databases.

During initial URCIS and SDWIS/FED data quality assessments, significant data quality problems were identified. The data sources, data quality reviews, and the necessary data editing are described in detail in Section II of this report. Due to the data completeness and quality problems inherent in the raw URCIS and SDWIS/FED data, cross-sections of state data (one using URCIS data, and a second cross-section using SDWIS/FED data) were constructed to develop a nationally representative perspective for contaminant occurrence assessments. The detailed efforts to develop the nationally representative state cross-sections are described in Section III of this report.

An overview of data coverage (distribution of system types, months, years, etc. of the occurrence data) of the two entire databases (and of the two cross-sections) is presented in Section IV. In Section V, the contaminant occurrence analytical findings are presented. Note that the findings are based on the constructed state cross-sections (not the entire URCIS and SDWIS/FED databases). The key summary findings are presented in Table V.A.1 (for the URCIS 24-state representative cross-section; see Appendix A for full detailed findings) and Table V.B.1 (for the SDWIS/FED 20-state representative cross-section; see Appendix B for full detailed findings). Finally, Section VI presents additional occurrence assessments conducted for select high occurrence contaminants. The URCIS (Round 1) and SDWIS/FED (Round 2) data that were used as the basis for the analyses in this report are available upon request from EPA Office of Ground Water and Drinking Water. Requests for this data should be sent to ucmr.report@epa.gov.

The URCIS database (Round 1 monitoring data) contains public water system monitoring results, generally from 1988 to 1992, for unregulated contaminants collected under the authority of Safe Drinking Water Act (SDWA). Forty states/primacy entities have submitted PWS monitoring data to URCIS. Subsequent Round 2 monitoring data, generally collected from 1993 to 1997, were reported directly to the SDWIS/FED database. Thirty-five states/primacy entities have submitted Round 2 public water system monitoring data. The raw data from these two databases were reviewed, edited, and "cleaned" for data quality considerations to ensure consistency and repeatability in the analyses. (The analytical results reported here may differ, therefore, from other analyses using raw data from the first two rounds of unregulated contaminant monitoring that are contained in the SDWIS/FED database.)

A data management approach was used in this study to develop the national cross-section of states that enables occurrence analyses that are indicative of national occurrence. All states with monitoring data were first evaluated by their distribution across a range of pollution-potential indicators

and spatial/hydrogeologic diversity. A select group of states, representing a balanced distribution across these pollution-potential measures and across the nation geographically, were then used to construct national cross-sections (one cross-section from Round 1 data, and another from Round 2 data) that would provide reasonable representation of national occurrence. While the national cross-sections cannot be stated to be "statistically representative," the selected URCIS (Round 1) and SDWIS/FED (Round 2) cross-sections are very large samples (24 and 20 states, respectively), providing analytical occurrence results that are clear indications of central tendency of the occurrence data, and are generally indicative of national contaminant occurrence.

The national cross-sections have been constructed with a large number of occurrence data to broadly reflect a national coverage. The 24-state cross-section of Round 1 data represent approximately 44% of public water systems nationally and 51% of the population served by public water systems. The 20-state cross-section of Round 2 data represent approximately 41% of public water systems nationally and 34% of the population served by public water systems. The data from these two separate groups of cross-section states are used to compute aggregate contaminant occurrence measures as an approximation of national occurrence.

Assessments of data coverage and analyses of unregulated contaminant occurrence are then presented. Comparisons of Round 1 and Round 2 data coverage were made to evaluate if comparable states, public water systems, and contaminants are contained in both databases. Analytical summaries of occurrence of all contaminants for the Round 1 and Round 2 cross-section states are included, such as the percent of public water systems with at least one analytical result greater than the Minimum Reporting Level, the percent of public water systems with at least one analytical result greater than a specified threshold contaminant concentration (such as a Maximum Contaminant Limit), and the 99^{th} percentile value. Additionally, all contaminants in each round are ranked by occurrence, and a more detailed graphical and spatial assessment of a select group of high occurrence contaminants are presented.

ACKNOWLEDGMENTS

The compilation and analysis of data presented in this report were undertaken by EPA's Office of Ground Water and Drinking Water (OGWDW) to enhance the scientific understanding of the occurrence of unregulated chemical contaminants in public drinking water systems, and to refine the approach of management and analysis of contaminant occurrence data. This effort was directed by Mr. Guy Caruthers of OGWDW. This project began under the direction of Mr. Charles Job.

We would like to thank the many States, as well as the American Water Works Service Company, that contributed data sets and valuable advice. Thanks also to the many public water systems that conducted the monitoring that provided the contaminant occurrence data used in this report. Mr. Lewis Summers and Mr. Guy Caruthers of OGWDW managed the access to EPA's URCIS and SDWIS/FED databases, the repositories of data used in this project.

The Cadmus Group, Inc. served as the prime contractor for this project, supporting the data management, analysis, and report development. Dr. George Hallberg served as the Cadmus Project Manager.

DISCLAIMER

This report does not constitute U.S. Environmental Protection Agency Policy. Mention of trade names or commercial products does not constitute endorsement or recommendation for use.

This document is designed to provide technical background for the Office of Ground Water and Drinking Water's program. The document does not, however, substitute for the Safe Drinking Water Act or EPA's regulations nor is this document a regulation itself. Thus, it cannot impose legally-binding requirements on EPA, States, or the regulated community, and may not apply to a particular situation based on the circumstances.

I. INTRODUCTION

This report provides a comprehensive overview of the management and initial analysis of unregulated contaminant occurrence data currently available to EPA. The data are from the required compliance monitoring of unregulated contaminants conducted by public drinking water systems prior to 1998. Specifically, this report is based on occurrence data from the URCIS database (Round 1 monitoring data) and the SDWIS/FED database (Round 2 monitoring data). This report presents a description of URCIS (Round 1) and SDWIS/FED (Round 2) data, identifies the data quality management necessary to enable occurrence analyses, describes the construction of a representative cross-section of states from each of the two databases, and summarizes contaminant occurrence analyses based on the constructed cross-section of states (not on the entire URCIS and SDWIS/FED databases), and includes spatial and graphical occurrence assessments of select high-occurrence contaminants.

I.A. Background

The Safe Drinking Water Act (SDWA), as amended in 1986, required Public Water Systems (PWSs) to monitor for specified "unregulated" contaminants, on a five year cycle, and to report the monitoring results to the states. Unregulated contaminants do not have an established or proposed National Primary Drinking Water Regulation (NPDWR), but they are contaminants that were formally listed and require monitoring under federal regulations. The intent was to gather scientific information on the occurrence of these contaminants to enable a decision regarding whether regulations were needed. All non-purchased community water systems (CWSs), and non-purchased non-transient non-community water systems (NTNCWSs), with greater than 150 service connections were required to conduct this unregulated contaminant monitoring. Smaller systems were not required to conduct this monitoring, but were required to be available to monitor if the state decided such monitoring was necessary. (As evident in the data, many states did collect data from small systems.)

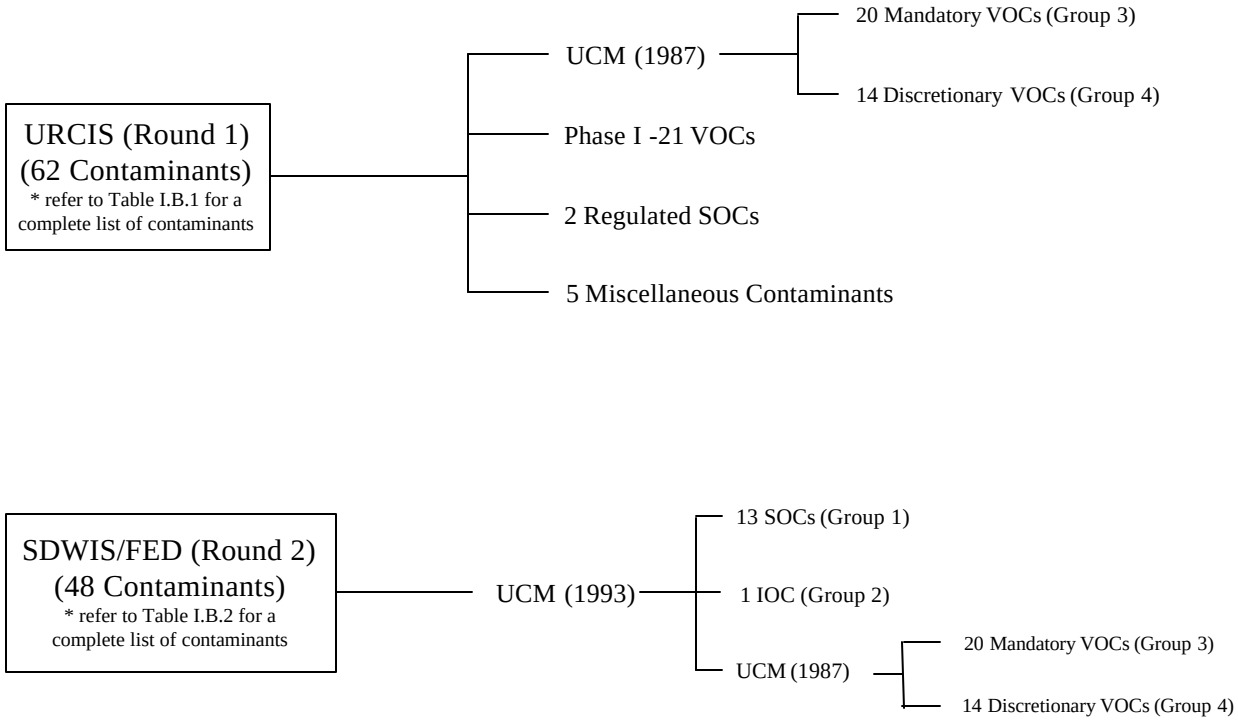
The 1993 amendments to SDWA added other contaminants to the unregulated contaminant list for required monitoring, and the 1996 SDWA amendments directed EPA to develop a revised program for such monitoring. This new program was formally published in the Federal Register on September 17, 1999 (64 FR 50556) as the Unregulated Contaminant Monitoring Regulation, now referred to as the UCMR (1999). The UCMR (1999) and related rules replaced the older requirements and put forth a new list of contaminants, a new definition of systems that must monitor, a new structure to the monitoring program, and a new framework to ensure that all the results are reported to EPA. This UCMR (1999) monitoring will begin in 2001. The new UCMR must produce a new list of unregulated contaminants for monitoring every 5-years. This background and history is reviewed here, in part, because the terminology, monitoring periods, and lists of monitored contaminants related to unregulated contaminant monitoring have often been confusing.

To clarify the history of unregulated contaminant monitoring, a naming system is introduced to clearly distinguish between the different monitoring periods and the contaminant lists included in a specific monitoring period. In this section of the report, a description of which contaminants were monitored during which monitoring periods, and which contaminants are included in the different data sets used. The naming system will follow the convention established for the UCMR (1999), using the year of promulgation in parenthesis to refer to a specific list of contaminants. For example, the first unregulated contaminant monitoring list was published in 1987. This specific list of contaminants will be referred to as the UCM (1987) list. The UCM (1987) list was followed by the UCM (1993) list and the recent UCMR (1999) list. This report will only deal with the historic data from the UCM (1987) and UCM (1993) lists. Occurrence data for the UCM (1987) and UCM (1993) contaminants, as well as for other contaminants listed in the following section, are contained in two databases. These databases are described in the following sections.

I.B. Unregulated and Regulated Contaminants, Databases, and Monitoring Timeframe

This section describes the contaminants contained in the URCIS (Round 1) and SDWIS/FED (Round 2) databases and the monitoring periods of these contaminants. Figure I.B.1 diagrams the inter-relationship of the various databases, monitoring rounds and contaminant lists discussed in this report. Tables I.B.1 and I.B.2 describe in more detail the specific contaminants included in each database.

Figure I.B.1. Diagram of the Inter-Relationship of Various Databases, Monitoring Rounds and Contaminant Lists Discussed in the Report



The UCM (1987) contaminants included 34 volatile organic compounds (VOCs), divided into two groups: one with 20 VOCs (including the 4 trihalomethanes) for mandatory monitoring, and the other with 14 VOCs for discretionary monitoring. The UCM (1987) contaminants (see Table I.B.1) were first monitored coincident with the Phase I regulated contaminants, during the 1988-1992 period. This period is often referred to as "Round 1" monitoring. The monitoring data collected by the PWSs were reported to the states (as primacy agents), but there was no protocol in place to report these data to EPA. These data from Round 1 were collected by EPA from many states over time.

The Round 1 data were put into a database called the Unregulated Contaminant Information System, or URCIS. (URCIS and these data will be discussed in more detail in later sections of the report.) Most of the Phase 1 regulated contaminants were also VOCs. Both the unregulated and regulated VOCs are analyzed using the same sample and the same laboratory methods. Hence, the URCIS database includes data on all of these 62 Round 1 contaminants: the 34 UCM (1987) VOCs; the 21 regulated Phase 1 VOCs; 2 regulated synthetic organic contaminants (SOCs); and 5 miscellaneous contaminants that were voluntarily reported by some states (e.g., isomers of other organic contaminants).

Monitoring for the UCM (1993) contaminants began coincident with the Phase II-V regulated contaminants in 1993 through 1998. This is often referred to as "Round 2" monitoring. The UCM (1993)

contaminants included 13 SOCs and 1 inorganic contaminant (IOC). The UCM (1987) contaminants were also included in the Round 2 monitoring. In the updated listing for the unregulated contaminants required for monitoring, the UCM (1993) contaminants were listed as: Group 1 (13 SOCs); Group 2 (1 IOC); Group 3 (the 20 mandatory VOCs in UCM (1987)); and Group 4 (the 14 discretionary VOCs in UCM (1987)). The group numbering is somewhat reversed, with the first unregulated contaminants, from UCM (1987), in the last two groups. Table I.B.2 lists all of the 48 contaminants with analytical results data contained in the Round 2 database. As with other monitoring data, PWSs reported these results to the states. EPA, during the past several years, requested that the states submit these historic data to EPA. The Round 2 data that states delivered were submitted directly into the Safe Drinking Water Information System/Federal version (SDWIS/FED[1]). Tables I.B.1 (URCIS – Round 1) and I.B.2 (SDWIS/FED – Round 2) present the list of contaminants and indicate the monitoring Rounds and Group reference numbers for the contaminants. (Note that Maximum Contaminant Levels [MCLs], Health Advisory Levels [HALs], and Health Reference Levels [HRLs] are used here only as contaminant concentration reference level to facilitate occurrence assessments in this report. Also note that HALs used in this report for occurrence reference levels only, were those in place at the time analyses for this report were conducted.)

The details of the actual individual monitoring periods are also complex. The timing of required monitoring was staggered related to different size classes of PWSs, and the program was implemented somewhat differently by different states. While Round 1 included the period from 1988-1992, Round 1 also includes older data that are comparable to, but predate, the formal beginning of first round monitoring. (Further discussion of these details are beyond the scope of this report.)

Table I.B.1. List and Description of Contaminants with Data in URCIS (Round 1) (approximately 1987-1992)

Contaminant	CAS Number	SDWIS ID	MCL HAL *, or HRL** (µg/L)	UC Round		UC Group	Common Sources of Contaminant
Inorganic Chemicals							
No Inorganic Chemicals in UCM (1987) data							
Synthetic Organic Chemicals - Regulated							
Dibromochloropropane (1,2-Dibromo-3-chloropropane; or DBCP)	96-12-8	2931	0.2	1		R	Soil fumigant on soybeans, cotton, pineapple, orchards
Ethylene Dibromide (1,2-Dibromoethane; or EDB)	106-93-4	2946	0.05	1		R	Leaded gas additives; leaching of soil fumigant
Volatile Organic Chemicals - Group 3							
Bromobenzene	108-86-1	2993	--	1	2	3	Solvent, organic synthesis
Bromodichloromethane	75-27-4	2943	60**	1	2	3	Disinfection-by-product, marine microalgae
Bromoform	75-25-2	2942	400**	1	2	3	Disinfection-by-product, solvent for waxes, greases, oils
Bromomethane (Methyl Bromide)	74-83-9	2214	10	1	2	3	Soil and space fumigant, extraction solvent, oceans
Chloroform	67-66-3	2941	600**	1	2	3	Solvent, DBP, auto exhaust, chemical intermediate
Chloroethane	70-00-3	2216	--	1	2	3	Chemical intermediate, solvent, aerosol, solvent metabolite

[1] SDWIS/FED is the official database repository of data provided by public drinking water systems, and includes data from an earlier EPA public water system database called the Unregulated Contaminant Information System (URCIS).

Contaminant	CAS Number	SDWIS ID	MCL HAL *, or HRL** (µg/L)	UC Round		UC Group	Common Sources of Contaminant
Chloromethane (Methyl Chloride)	74-87-3	2210	3	1	2	3	Oceans, volcanoes, fires, smoke exhaust, solvent, DBP
Dibromochloromethane	124-48-1	2944	60**	1	2	3	Organic synthesis, manufacture of fire extinguishing agents, refrigerants, aerosol propellants and pesticides.
Dibromomethane	74-95-3	2408	--	1	2	3	Solvent, gage fluid, use in chemical synthesis, marine algae
1,1-Dichloroethane	75-34-3	2978	5	1	2	3	Leaded gasoline; fumigants, paints
1,3-Dichloropropane	142-28-9	2412	--	1	2	3	Chemical intermediate for cyclopropane
2,2-Dichloropropane	594-20-7	2416	--	1	2	3	Solvent
1,1-Dichloropropene	563-58-6	2410	--	1	2	3	Solvent
1,3-Dichloropropene	542-75-6	2413	40**	1	2	3	Solvent, used in fungicide
m-Dichlorobenzene	541-73-1	2967	600*	1	2	3	Dump leachate, fumigant, solvent, chemical intermediate
o-Chlorotoluene	95-49-8	2965	100	1	2	3	Drain pipe solvent
p-Chlorotoluene	106-43-4	2966	100	1	2	3	Solvent, chemical intermediate for dyes, organic chemicals
1,1,1,2-Tetrachloroethane	630-20-6	2986	70*	1	2	3	Product of manufacture of other chloroethanes
1,1,2,2-Tetrachloroethane	79-34-5	2988	2*	1	2	3	Used in paint manufacturing; cement; paint removers; moth-proofing
1,2,3-Trichloropropane	96-18-4	2414	40	1	2	3	Paint/varnish remover, solvent, degreasing agent
Volatile Organic Chemicals - Group 4							
Bromochloromethane	74-97-5	2430	10	1	2	4	Organic synthesis and fire extinguishers
Dichlorodifluoromethane	75-71-8	2212	1,000	1	2	4	Refrigerant, aerosol propellant, rocket propellant, foaming agent, plastics
Hexachlorobutadiene	87-68-3	2246	0.9**	1	2	4	Solvent, synthetic rubber, pesticide, insecticide, herbi- cide, chemical intermediate
Isopropylbenzene	98-82-8	2994	--	1	2	4	Production of petroleum refining; evaporation and combustion of petroleum
n-Butylbenzene	104-51-8	2422	--	1	2	4	
n-Propylbenzene	103-65-1	2998	--	1	2	4	Solvent, used in textile dyeing and printing
Naphthalene	91-20-3	2248	140**	1	2	4	Fungicide, moth repellant
p-Isopropyltoluene	99-87-6	2030	--	1	2	4	
sec-Butylbenzene	135-98-8	2428	--	1	2	4	
tert-Butylbenzene	98-06-6	2426	--	1	2	4	
1,2,3-Trichlorobenzene	87-61-6	2420	--	1	2	4	Termite control; chemical intermediate
Trichlorofluoromethane	75-69-4	2218	175*	1	2	4	Solvent, chemical intermediate, halocarbon aerosol propellant and refrigerant
1,2,4-Trimethylbenzene	95-63-6	2418	--	1	2	4	Chemical intermediate, solvent, gasoline, coal tar, and petroleum products
1,3,5-Trimethylbenzene	108-67-8	2424	--	1	2	4	

Contaminant	CAS Number	SDWIS ID	MCL HAL *, or HRL** (µg/L)	UC Round		UC Group	Common Sources of Contaminant
Volatile Organic Chemicals - Regulated							
Benzene	71-43-2	2990	5	1		R	Some foods; gas, drugs, pesticide, paint, plastic industries
Carbon tetrachloride	56-23-5	2982	5	1		R	Solvents and their degradation products
Chlorobenzene	108-90-7	2989	100	1		R	Waste solvent from metal degreasing processes, discharge from chemical and agricultural chemical factories
cis-1,2-Dichloroethylene	156-59-2	2380	70	1		R	Waste industrial extraction solvents
1,2-Dichloroethane	107-06-2	2980	5	1		R	Leaded gas, fumigants, paints
Dichloroethene	75-35-4	2977	7	1		R	Plastics; dyes; perfumes; paints
Dichloromethane (Methylene chloride)	75-09-2	2964	5	1		R	Paint stripper, metal degreaser, propellant, extraction
1,2-Dichloropropane	78-87-5	2983	5	1		R	Soil fumigant; waste industrial solvents
Ethyl benzene	100-41-4	2992	700	1		R	Gasoline; insecticides; chemical manufacturing wastes
o-Dichlorobenzene	95-50-1	2968	600	1		R	Paints, engine cleaning compounds, dyes, chemical wastes
p-Dichlorobenzene	106-46-7	2969	75	1		R	Room and water deodorants, and "mothballs"
Styrene	100-42-5	2996	100	1		R	Plastics, rubber, resin, drug industries; leachate from city landfills
Tetrachloroethylene	127-18-4	2987	5	1		R	Improper disposal of dry cleaning and other solvents
Toluene	108-88-3	2991	1,000	1		R	Gasoline additive; manufacturing and solvent operations
trans-1,2-Dichloroethylene	156-60-5	2979	100	1		R	Waste industrial extraction solvents
1,2,4-Trichlorobenzene	120-82-1	2378	70	1		R	Herbicide production; dye carrier
1,1,1-Trichloroethane	71-55-6	2981	200	1		R	Adhesives, aerosols, textiles, paints, inks, metal degreasers
1,1,2-Trichloroethane	79-00-5	2985	5	1		R	Solvent in rubber, other organic products; chemical production wastes
Trichloroethene (Trichloroethylene)	79-01-6	2984	5	1		R	Textiles, adhesives and metal degreasers
Vinyl chloride	75-01-4	2976	2	1		R	May leach from PVC pipe; formed by solvent breakdown
Xylenes (Total)	1330-20-7	2955	10,000	1		R	By-product of gasoline refining; paints, inks, detergents
m-Xylene	108-38-3	2995	--	1			Xylene Isomers
o-Xylene	95-47-6	2997	--	1			
p-Xylene	106-42-3	2962	--	1	2		
Volatile Organic Chemicals - Other							
cis-1,3-Dichloropropylene	10061-01-5	2228	--	1			Used in organic synthesis and soil fumigants; used as a nematocide
trans-1,3-Dichloropropylene	10061-02-6	2224	--	1			Used in organic synthesis and soil fumigants for control of nematodes

Includes some regulated SOCs and VOCs, and the unregulated contaminants from UCM (1987) List. UC Round = data included in Round 1 and/or 2 monitoring and database; UC Group = contaminant group as specified in UCM (1993) Listing.

MCL=Maximum Contaminant Level
HAL=Health Advisory Level (as of December 2000)
HRL=Health Reference Level (concentration values used only as reference levels for analyses in this report)

The MCL, HAL, and HRL values are used in this report only as reference levels to facilitate occurrence assessments.

Table I.B.2. List and Description of Contaminants with Data in SDWIS/FED (Round 2) (approximately 1993-1997)

Contaminant	CAS Number	SDWIS ID	MCL HAL *, or HRL** (µg/L)	UC Round	UC Group	Common Sources of Contaminant
Synthetic Organic Chemicals - Group 1						
Aldicarb	116-06-3	2047	7**	2	1	Pesticide used with cotton, potatoes, others (widely restricted)
Aldicarb Sulfone	1646-88-4	2044	7**	2	1	Biodegradation of aldicarb
Aldicarb Sulfoxide	1646-87-3	2043	7**	2	1	Biodegradation of aldicarb
Aldrin	309-00-2	2356	0.002**	2	1	Soil insecticide
Butachlor	23184-66-9	2076	--	2	1	Herbicide for rice, used on annual grasses
Carbaryl	63-25-2	2021	700	2	1	Broad range pesticide (citrus, vegetables, lawns, nuts)
Dicamba	1918-00-9	2440	200	2	1	Herbicide for agriculture, rangeland, pasture, industry
Dieldrin	60-57-1	2070	0.002**	2	1	Insecticide
3-Hydroxycarbofuran	16655-82-6	2066	--	2	1	Metabolite of carbofuran
Methomyl	16752-77-5	2022	200	2	1	Insecticide for soybeans, cotton, other field and fruit crops
Metolachlor	51218-45-2	2045	70**	2	1	Herbicide for corn, soybeans, peanuts, cotton, pod crops
Metribuzin	21087-64-9	2595	91**	2	1	Herbicide used on grass and broadleaf weeds
Propachlor	1918-16-7	2077	90	2	1	Herbicide for corn and sorghum
Inorganic Chemicals - Group 2						
Sulfate	14808-79-8	1055	500,000**	2	2	Fertilizer, natural occurrence, some industrial uses
Volatile Organic Chemicals - Group 3						
Bromobenzene	108-86-1	2993	--	1	2	3 Solvent, organic synthesis
Bromodichloromethane	75-27-4	2943	60**	1	2	3 Disinfection-by-product, marine microalgae
Bromoform	75-25-2	2942	400**	1	2	3 Disinfection-by-product, solvent for waxes, greases, oils
Bromomethane (Methyl Bromide)	74-83-9	2214	10	1	2	3 Soil and space fumigant, extraction solvent, oceans
Chloroethane	70-00-3	2216	--	1	2	3 Chemical intermediate, solvent, aerosol, solvent metabolite
Chloroform	67-66-3	2941	600**	1	2	3 Solvent, DBP, auto exhaust, chemical intermediate
Chloromethane (Methyl Chloride)	74-87-3	2210	3	1	2	3 Oceans, volcanoes, fires, smoke exhaust, solvent, DBP
Dibromochloromethane	124-48-1	2944	60**	1	2	3
Dibromomethane	74-95-3	2408	--	1	2	3 Solvent, gage fluid, use in chemical synthesis, marine algae
1,1-Dichloroethane	75-34-3	2978	5	1	2	3 Leaded gasoline; fumigants, paints
1,3-Dichloropropane	142-28-9	2412	--	1	2	3 Chemical intermediate for cyclopropane
2,2-Dichloropropane	594-20-7	2416	--	1	2	3 Solvent
1,1-Dichloropropene	563-58-6	2410	--	1	2	3 Solvent
1,3-Dichloropropene	542-75-6	2413	40**	1	2	3 Solvent, used in fungicide

Contaminant	CAS Number	SDWIS ID	MCL HAL *, or HRL** (µg/L)	UC Round		UC Group	Common Sources of Contaminant
m-Dichlorobenzene	541-73-1	2967	600*	1	2	3	Dump leachate, fumigant, solvent, chemical intermediate
o-Chlorotoluene	95-49-8	2965	100	1	2	3	Drain pipe solvent
p-Chlorotoluene	106-43-4	2966	100	1	2	3	Solvent, chemical intermediate for dyes, organic chemicals
1,1,1,2-Tetrachloroethane	630-20-6	2986	70*	1	2	3	Product of manufacture of other chloroethanes
1,1,2,2-Tetrachloroethane	79-34-5	2988	2*	1	2	3	Used in paint manufacturing; cement; paint removers; moth-proofing
1,2,3-Trichloropropane	96-18-4	2414	40	1	2	3	Paint/varnish remover, solvent, degreasing agent
Volatile Organic Chemicals - Group 4							
Bromochloromethane	74-97-5	2430	10	1	2	4	Organic synthesis and fire extinguishers
Dichlorodifluoromethane	75-71-8	2212	1,000	1	2	4	Refrigerant, aerosol propellant, rocket propellant, foaming agent, plastics
Hexachlorobutadiene	87-68-3	2246	0.9**	1	2	4	Solvent, synthetic rubber, pesticide, insecticide, herbi- cide, chemical intermediate
Isopropylbenzene	98-82-8	2994	--	1	2	4	Production of petroleum refining; evaporation and combustion of petroleum
n-Butylbenzene	104-51-8	2422	--	1	2	4	
n-Propylbenzene	104-51-8	2998	--	1	2	4	Solvent, used in textile dyeing and printing
Naphthalene	91-20-3	2248	140**	1	2	4	Fungicide, moth repellant
p-Isopropyltoluene	99-87-6	2030	--	1	2	4	
sec-Butylbenzene	135-98-8	2428	--	1	2	4	
tert-Butylbenzene	98-06-6	2426	--	1	2	4	
1,2,3-Trichlorobenzene	87-61-6	2420	--	1	2	4	Termite control; chemical intermediate
Trichlorofluoromethane	75-69-4	2218	175*	1	2	4	Solvent, chemical intermediate, halocarbon aerosol propellant and refrigerant
1,2,4-Trimethylbenzene	95-63-6	2418	--	1	2	4	Chemical intermediate, solvent, gasoline, coal tar, and petroleum products
1,3,5-Trimethylbenzene	108-67-8	2424	–	1	2	4	

Includes the unregulated contaminants from UCM (1993) List. UC Round = data included in Round 1 and/or 2 monitoring and database; UC Group = contaminant group as specified in UCM (1993) Listing.

MCL=Maximum Contaminant Level
HAL=Health Advisory Level (as of December 2000)
HRL=Health Reference Level (concentration values used only as reference levels for analyses in this report)

The MCL, HAL, and HRL values are used in this report only as reference levels to facilitate occurrence assessments.

I.C. Data Analysis

The contaminant occurrence analyses and findings presented in this report are based on national cross-sections of state data (i.e., a subset of representative state data) derived from the URCIS (Round 1) and SDWIS/FED (Round 2) databases. The occurrence findings presented here are <u>not</u> based on the

entire collection of state compliance monitoring data contained in the URCIS (Round 1) and SDWIS/FED (Round 2) databases.

During initial URCIS and SDWIS/FED data quality assessments, significant data quality problems were identified. The data sources, data quality reviews, and the necessary data editing are described in detail in Section II of this report. Due to the data completeness and quality problems inherent in the raw URCIS and SDWIS/FED data, cross-sections of state data (one using URCIS data, and a second cross-section using SDWIS/FED data) were constructed to develop a nationally representative perspective for contaminant occurrence assessments. The detailed efforts to develop the nationally representative state cross-sections are described in Section III of this report.

An overview of data coverage (distribution of system types, months, years, etc. of the occurrence data) of the two entire databases (and of the two cross-sections) is presented in Section IV. In Section V, the contaminant occurrence analytical findings are presented. Note that the findings are based on the constructed state cross-sections (not the entire URCIS and SDWIS/FED databases). The key summary findings are presented in Table V.A.1 (for the URCIS 24-state representative cross-section; see Appendix A for full detailed findings) and Table V.B.1 (for the SDWIS/FED 20-state representative cross-section; see Appendix B for full detailed findings). Finally, Section VI presents additional occurrence assessments conducted for select high occurrence contaminants. The URCIS (Round 1) and SDWIS/FED (Round 2) data that were used as the basis for the analyses in this report are available upon request from EPA Office of Ground Water and Drinking Water. Requests for this data should be sent to ucmr.report@epa.gov.

All statistical analyses, and most database manipulations were conducted with SAS® statistical software. Some data formatting problems were corrected in Microsoft® Excel with the aid of specialized programs written in Visual Basic® or were corrected directly in SAS before the analysis began.[2] After analysis, results were typically downloaded into Excel for secondary analysis or sorting or the development of data tablulation.

II. DATA SOURCES AND DATA QUALITY REVIEW

II.A. URCIS (Round 1) Data

In this section of the report, the URCIS (Round 1) monitoring data (from approximately 1988-1992) are reviewed regarding quantity, quality, and completeness. The data (as described in Section I) were derived from EPA's Unregulated Contaminant Information System (URCIS) database.

II.A.1. Description of Data

URCIS is a compilation of public water system monitoring results for unregulated contaminants, collected under the authority of SDWA, and reported to the states (as the primacy agents for SDWA). EPA requested that the states submit these data to EPA in the early 1990s, but no formal protocol or format had been established for reporting. Given the evolving nature of data management during this era, various problems were encountered. The data were supplied by states on a variety of media, ranging

[2] SAS is a registered trademark of the SAS Institute, Inc. Excel and Visual Basic are trademarks of the Microsoft Corporation.

from photocopies of hand-written files to electronic files on magnetic tape or diskettes of various kinds, and in many different formats and software configurations. Some data were electronically transferrable, other data had to be manually entered or re-entered. EPA has been working on the clean-up and analysis of these data since 1992. Through this long history[3], many critical data quality problems were resolved (such as getting the data into consistent, standard units of measure), or at least resolved to the extent possible.

Some preliminary analyses of the URCIS data were presented in the occurrence data report produced for EPA-OGWDW's Chemical Monitoring Revisions (CMR) project. This report, *A Review of Contaminant Occurrence in Public Water Systems* (EPA 816-R-99-006, 1999, USEPA, Office of Water), is referred to as the "CMR Report." In 1999, EPA also transferred the URCIS data into SDWIS/FED, in an attempt to join these URCIS Round 1 data with Round 2 data being submitted by the states into SDWIS/FED. Some preliminary analyses of these joined data were performed [4]. Because of various software and database complications, the transfer of the URCIS data into SDWIS/FED was not complete, creating problems in the resultant analysis undertaken in the previous work. Later, during the initial analyses of this current report, various data quality problems in the SDWIS/FED-derived URCIS database itself were identified, particularly in the units of measure of the recorded analytical results. Hence, for the analysis presented in this report, the original URCIS database was used.

The version of URCIS used here as the basis for this analysis was the most complete and current (1997) edition of this EPA Office of Ground Water and Drinking Water database. The original, raw edition of the database was further edited for data quality considerations, as described below, to ensure consistency and repeatability in the analyses. The values reported here from URCIS may be somewhat different than in other EPA reviews (or the CMR report) because of the screening and editing conducted specifically for this study to ensure consistency in and dependability of the analyses.

The URCIS database (as noted in Section I) includes information on 62 contaminants, including: 34 unregulated VOCs; 2 regulated SOCs and 21 regulated VOCs; and various miscellaneous contaminants reported by the states. The data are reported from 38 states, Washington, D.C., and the Virgin Islands. The data are from the first round of required unregulated contaminant monitoring initiated in 1987 (i.e., UCM [1987]), but also include older data that are comparable, but predate, the formal beginning of Round 1 monitoring.

II.A.2. Data Management and Data Quality

During 1997-1998, the URCIS database was reviewed for various data quality problems and subsequently edited to remove problematic data to ensure the quality of the data used in the analysis. The data were first downloaded from the URCIS database. In the process of initial download and translation, unreadable lines of text and characters were apparently introduced into the data set, and were therefore

[3] For example, Fallon, Fran, 1994 (November), "Unregulated Contaminants Information System (URCIS) System Inventory." Computer Sciences Corp, 1993 (March), "Unregulated Contaminants Maintenance Manual." Fallon, Fran, 1993 (December), "Unregulated Contaminants Maintenance Manual Supplement." Computer Sciences Corp, 1992 (July), "A Statistical Survey of the Unregulated Contaminant Data." (All of these internal reports contain many pages of text, sometimes unnumbered, and typically many pages of unnumbered tabulated data and/or computer code.)

[4] SAIC, 1999 (June), "Unregulated Contaminant Occurrence Results for Round One Monitoring," SAIC Project 01-0833-08-3559-030. EPA Contract 68-C6-0059.

deleted. (These lines did not appear to be actual data, but were artifacts related to download, translation, and merger of various data sets from URCIS.) Additionally, data from 946 systems of unknown source water type were eliminated. (Other systems had no source type specified, but this missing inventory information was supplemented with SDWIS inventory data.) Five observations with contaminant concentrations greater than 9,000 micrograms/Liter were excluded from the analysis (as presumed errors; this outlier editing was consistent with other processing that EPA has completed, see CMR report). Another 1,503 observations with erroneous sampling dates (e.g., years indicated as 00, 01, 39, etc.) were eliminated.

Some sample identification numbers from six states were missing required digits (they had an inadequate number of sample ID numbers to define a unique sample, as compared to other sample IDs). New sample numbers were assigned by concatenating the system ID with the original sample ID so that a given sample number was unique and could not appear more than once in the database. Also, the analyses noted that some data from 357 systems were sometimes identified as ground water systems and at other times as surface water systems. These records were presumably from systems with mixed water sources. The inclusion of these data results in a very slight overcount of systems (when totaled by system and source), but these mixed source results comprise only a very small amount of data.

Some further editing was performed for this current analysis. Some URCIS analytical results included unidentified contaminant codes. These data were merged with a list of contaminants based on the Chemical Abstract Services (CAS) number to identify the chemical name. Five contaminant codes used in URCIS, totaling 22,548 records, did not match any contaminants on the CAS list. These records were removed from the database to ensure quality of analysis. Systems with a system type recorded as "NP", i.e., non-public, were also removed, because it is unclear what this designation means regarding type(s) of system. Also, some data were included in the original URCIS database that date from the first 3 months of 1993. The inclusion of 1993 data was not consistent among states, some states included only partial records, and 1993 data are also included in Round 2. Hence, for consistency, the samples recorded after 1992 (14,221 observations) were removed from the URCIS database prior to analysis.

For some records, the data were of good quality, but some system inventory information was missing. To enable use of these URCIS data records, the URCIS data were merged by PWSID with current SDWIS-Needs Survey PWS Inventory data to obtain missing system inventory information data on the source water, system type and population served for the PWSs. Note that these inventory data are from 1999. While URCIS data are from an earlier period, the inventory provided a consistent source to update the information. After these data management and editing efforts, there are 3,452,530 analytical records for the 62 contaminants for analysis of the Round 1 data.

Even with this extensive data management effort, there will still be data quality problems given the diverse sources of these data and the sheer size of the database. Sources of problems may include some analytical results recorded in incorrect units, (e.g., the results are actually in mg/L, but are recorded as Fg/L) or data units mistakenly converted in the original compilation of the data (e.g., the data units were actually in Fg/L, were incorrectly assumed to be in mg/L, and were then mistakenly converted to Fg/L as if they were mg/L). Recent reviews of the original database indicate that this does not appear to affect many data. There are a few abnormally high concentrations (outliers) that may be affected by this units problem. While outliers affect a review of the maximum concentration values of a contaminant, there are few such data and they will have limited impact on other occurrence statistics reviewed in this report. (For most analytical summaries included in this report, the value of the 99th percentile is presented to avoid this problem.)

II.A.3. Further Data Review and Editing

Subsequent to the major editing efforts on this database, a basic analysis of the 3.5 million records was undertaken. As a first step, various descriptive statistics were compiled by state to enable a further data review for bias and representativeness. Some state data, as will be described, are so incomplete that their use would introduce bias into the analyses. These data are used in certain parts of this report to provide context or reference, but not to make determinations based on their occurrence analyses.

Table II.A.3.a summarizes some key results from this next stage data review. The table summarizes the data availability for 57 primacy entities considered under SDWA: the 50 states, 5 territories, the District of Columbia, and an aggregate entry for the Native American tribes. Within URCIS (Round 1), there are data for 38 states, the Virgin Islands, and Washington, D.C., and no data for 17 primacy entities. Some states only reported data for detections. For 8 states (listed in the column labeled "Data sets with 100% Detects"), the percent of samples with analytical detections (or in other words, the percent of samples with analytical results greater than the detection level of the Minimum Reporting Level, labeled in the tables as "Percent Sample Detections") range from 80-100%. These states only reported data for detections and, hence, are highly biased (they did not report the majority of the monitoring sample results for which there were no detections above the Minimum Reporting Level, or MRL). As presented in the table, the percent of samples with detections (aggregating all the data), typically ranges from 1-3% for states with complete data reporting. Besides this obvious source of bias, the apparent completeness of the data related to the number of PWSs represented was also reviewed.

The number of unique PWSs included in each state's data record is shown in Table II.A.3.a. The number of PWSs included in Round 1 were compared to the total number of nonpurchased CWSs and NTNCWSs in the current state inventory, and to the number of nonpurchased CWSs and NTNCWSs serving more than 500 people (since not all small systems may have had to conduct this monitoring). The states listed as "Most Complete Data sets" all approximated or exceeded 100% of one of these numbers (i.e., New Mexico's Round 1 PWS numbers were only 70% of their current total inventory, but equaled 300% of the number of systems serving more than 500 persons). The states listed as "Significantly Too Few Systems" had far less representativeness. For example, Colorado only has data in Round 1 for 60 PWSs. This represents only 24% of the reported number of systems in their inventory lists. Also, Colorado data show 34% of all sample data are detections. Further review suggests that their data mainly include records for systems that had detections, but that analytical records were provided for all samples for these systems. This partial, selective reporting lowers the percent of sample records that represent detections (to less than 100% detection), but still reflects biased reporting and creates a biased analytical record, since not all no-detection records have been reported (such as records from the likely large number of systems with no detections). In other cases, it is not clear what the data represent. Nevada's reported percent samples with detections suggests the data may be complete, but there is only data for 10 systems, only about 3% of systems compared to state inventory records. Another 5 states are listed as having too few systems.

Also shown in Table II.A.3.a is the number of samples per PWS in each state's data. This summary statistic provides a perspective on the relative completeness of reporting. For example, the states reporting only samples with detections typically report 2 to 10 samples per PWS. For most states, approximately 100 to 300 samples are collected and reported per PWS.

The last column on Table II.A.3.a lists states with data records that are not complete (i.e., less than 100% of systems reported as based on inventory listings), but that have other parameters (e.g., "Percent Sample Detections", "Samples per PWS", etc.) that suggest that the data are balanced and

perhaps complete for the systems that did report. The relatively low system numbers may simply relate to how the state implemented the program (e.g., implementation related to system size or other waivers, etc.). Florida reports data for 855 PWSs, a substantive number, but they also have a large inventory.

Table II.A.3.a. Summary of Data Quantity and Quality in URCIS (Round 1) for the States, Tribes, and Territories.

	States/ Tribes/ Territories	Total Unique PWSs	Percent Sample Detections	Samples per PWS	No Data in Database	Data sets with 100% Detects	Significantly Too Few Systems	States Usable for Cross-Section	
								Most Complete Data sets	Incomplete but Adequate Data sets
1	Alabama	152	5%	136					Alabama
2	Alaska	748	2%	132				Alaska	
3	*American*	-			*American*				
4	Arizona	973	1%	151				Arizona	
5	Arkansas	6	100%	5		Arkansas			
6	California	4,167	7%	111				California	
7	Colorado	60	34%	38			Colorado		
8	Connecticut	-			Connecticut				
9	Delaware	13	6%	1,207			Delaware		
10	Florida	855	20%	14					Florida
11	Georgia	1,165	2%	120				Georgia	
12	*Guam*	-			*Guam*				
13	Hawaii	127	1%	370				Hawaii	
14	Idaho	-			Idaho				
15	Illinois	1,307	5%	147				Illinois	
16	Indiana	415	4%	292				Indiana	
17	Iowa	1,002	5%	62				Iowa	
18	Kansas	-			Kansas				
19	Kentucky	525	3%	273				Kentucky	
20	Louisiana	13	3%	95			Louisiana		
21	Maine	-			Maine				
22	*Marianna*	-			*Marianna*				
23	Maryland	998	2%	105				Maryland	
24	Massachusetts	220	91%	14		Massachusetts			
25	Michigan	139	100%	16		Michigan			
26	Minnesota	1,565	1%	100				Minnesota	
27	Mississippi	206	100%	6		Mississippi			
28	Missouri	85	1%	215			Missouri		
29	Montana	565	2%	94				Montana	
30	Nebraska	214	100%	6		Nebraska			
31	Nevada	10	2%	860			Nevada		
32	New Hampshire	201	100%	5		New			
33	New Jersey	1,551	2%	94				New Jersey	
34	New Mexico	617	0%	151				New Mexico	
35	New York	357	1%	348					New York
36	North Carolina	298	2%	134					North
37	North Dakota	-			North Dakota				
38	Ohio	2,657	1%	313				Ohio	
39	Oklahoma	-			Oklahoma				
40	Oregon	-			Oregon				
41	Pennsylvania	-			Pennsylvania				
42	*Puerto Rico*	-			*Puerto Rico*				
43	Rhode Island	-			Rhode Island				

	States/ Tribes/ Territories	Total Unique PWSs	Percent Sample Detections	Samples per PWS	No Data in Database	Data sets with 100% Detects	Significantly Too Few Systems	States Usable for Cross-Section	
								Most Complete Data sets	Incomplete but Adequate Data sets
44	South Carolina	-			South Carolina				
45	South Dakota	335	4%	52				South Dakota	
46	Tennessee	306	4%	197				Tennessee	
47	Texas	124	98%	2		Texas			
48	*Tribes*	-			*Tribes*				
49	Utah	430	1%	150				Utah	
50	Vermont	133	82%	10		Vermont			
51	*Virgin Islands*	3	9%	186					*Virgin Islands*
52	Virginia	-			Virginia				
53	Washington	992	1%	229				Washington	
54	Washington,	1	5%	3,432				Washington,	
55	West Virginia	139	6%	157					West Virginia
56	Wisconsin	-			Wisconsin				
57	Wyoming	145	3%	125				Wyoming	
	TOTAL	**23,819**	**2.9%**	**146**	**17**	**8**	**5**	**21**	**6**

In summary, of the 40 states/territories with data in URCIS (Round 1), 21 states have records that appear relatively complete and balanced, and another 6 have records that likely are balanced and with a substantial (though not complete) number of systems. The data from these 27 states should provide the most complete and unbiased summary of the occurrence data; the remaining 13 states are clearly biased since results are reported only (or primarily) for detections. To present a national summary of the data, the 27 primacy entities with most complete records (the 27 States identified in the two far-right columns in Table II.A.3.a, "Most Complete Data Sets," and "Incomplete but Adequate,") were evaluated for their national representativeness and considered for inclusion in the subsequent analyses. (The assessment of national representativeness is discussed further in Section III.)

From these 27 states (primacy entities) with reasonably complete data, three primacy entities were removed. Washington, D.C. and the Virgin Islands were removed because they are not states, and the New York State data were excluded because there were various and numerous problems associated with the data and metadata. For example, New York did not use standard PWSIDs that could be associated with SDWIS records, and the total number of reporting PWSs in the New York data set represented only 12 to 40% of the expected number of PWSs as based on the state's inventory numbers. Also, there were some embedded errors in the data that sometimes caused data processing problems. Therefore, as summarized in Section IV, V and VI, URCIS (Round 1) data are aggregated for a representative cross-section of 24 states (the 27 entities less Washington, D.C., the Virgin Islands, and New York), which is used as the basis for most of the analyses in this report.

II.B. SDWIS/FED (Round 2) Data

In this section of the report, the monitoring results for the UCM (1993) list of unregulated contaminants, from Round 2 (approximately 1992-1997), are analyzed and reviewed. These Round 2 data (as discussed in Section I) were derived from the Safe Drinking Water Information System/Federal Version (SDWIS/FED). Significant data review, formatting, and data quality checking and editing were required of this Round 2 data to enable the evaluations and analyses conducted for this initial contaminant occurrence assessment.

II.B.1. Description of Data

Data for this study were downloaded from the SDWIS/FED database, and include information on unregulated contaminants. (Unregulated contaminants are not formally regulated by EPA, but monitoring of these contaminants is required, and therefore many occurrence data are available.) The unregulated data include records from the second round of unregulated contaminant monitoring (referred to as "Round 2") that were submitted directly into SDWIS/FED (see Section I.B. for more details).

The analyses in this section of the report are based on data for unregulated contaminants from these SDWIS/FED Round 2 data. These data were generated through monitoring conducted during Round 2 of required unregulated contaminant monitoring initiated in 1993 (i.e., UCM [1993]). (Although second round monitoring was formally initiated in 1993, SDWIS/FED [Round 2] data can include older data that are comparable to, but predate, the formal second round monitoring.) The SDWIS/FED (Round 2) data includes information on 48 contaminants, including: 1 IOC, 13 SOCs, 20 mandatory VOCs (including 4 THMs) and 14 discretionary VOCs. SDWIS/FED contained Round 2 data from 35 states/primacy entities.

II.B.2. Data Management and Data Quality

The SDWIS/FED Round 2 data from the 35 states/primacy entities contained a total of 4,350,874 (raw) records. An important and substantial component of this study consisted of the detailed and extensive review of these data records for numerous data quality considerations including reporting consistencies, uniform and valid coding, data completeness, correct and consistent use of analytical units, and any inherent bias in the raw records. (The sources of bias are discussed later in this section.) To ensure data quality for sound and dependable occurrence analysis, extensive data review, checking, and editing were required. This data management and quality review process identified and addressed problematic data or data that could not be uniquely categorized. The following are common types of data problems that were addressed: records with invalid contaminant codes, systems with unknown source water or system type codes, state records for specific contaminants that reported only detections, or entire state records that appeared to have extremely and consistently low concentrations for analytical results. These types of records were either deleted (such as when water source or system type codes were invalid) or converted (when a data units conversion appeared straightforward). For example, upon detailed review, the data from five states –Kentucky, Michigan, North Carolina, Oregon and Washington– appeared to have been recorded or mislabeled in incorrect units. In these cases, detailed double-checking with the analytical results for other Round 2 states, with URCIS Round 1 data, as well as with original state data sets (when available) showed that the analytical results appeared to be incorrect (too low) by a constant factor of 1,000. The interpretation was that the data were (mistakenly) recorded in Fg/L in the database, but actually represented data in mg/L. These data corrections were somewhat straightforward after identifying, reviewing, and cross-checking the analytical results. Other specific data editing examples are listed below in Section II.B.3.

Another more general data management decision related to data from transient and "non-public" water systems. Transient PWSs were not required by federal rule to monitor for most of the contaminants of interest in this study. However, some states required monitoring, and some transient system contaminant occurrence data is included in SDWIS/FED. By definition, the transient nature of these PWSs confound the types of contaminant exposure assessments ultimately to be conducted for this study. To avoid the problems associated with transient sources in exposure studies, systems with a system type recorded as "NC" (non-community, meaning transient) were not included in the occurrence analyses. In the raw Round 2 data, 24% of the total number of systems were listed as "NC", and were

omitted from the occurrence analyses. Also, 0.3% of the total number of systems were identified as "NP", or non-public. Since this is not a valid system type code (and the exact definition of non-public could not be determined), records designated as NP were also omitted from the analyses. Note that although the systems identified as NC (transient) or NP (non-public) represented slightly more than 24% of the total number of systems, these systems represent only 3.2% of the analytical sample results.

With these data quality improvements, the initial 4,350,874 analytical records from the 35 states/primacy entities for the 48 contaminants decreased to 4,211,446 analytical records for this Round 2 analysis (this total analytical record count includes the approximately 900,000 records with converted units).

II.B.3. Further Data Review and Editing

Subsequent to this initial editing and filtering of the data, a basic analysis of the 4.21 million records was undertaken. Similar to the editing process used with the URCIS (Round 1) data, various descriptive statistics were compiled by state to enable a further more detailed data review to assess data bias and representativeness. Some state data, as described below, are so incomplete that their use would introduce bias, and should only be used with caution for any statistical summary of occurrence.

Table II.B.3.a summarizes some key results from this next stage of Round 2 data review. The table summarizes the data availability and data quality for 57 primacy entities considered under SDWA (the 50 states, 5 territories and the District of Columbia, and an aggregate entry for the Native American tribes). Of the 57 primacy entities in SDWIS/FED (Round 2), 35 have reported Round 2 data and 22 have not.

Of the 35 states with Round 2 data, 15 states have incomplete data and/or data of inadequate quality. For two states (Alabama and Mississippi), the percent of samples with detections (with analytical results greater than the minimum reporting level; "Percent Sample Detections") ranges from 70-100%. These states are listed in Table II.B.3.a in the column labeled "Data sets with 100% Detects". These states reported only (or mainly) analytical records for detections and, hence, their data sets are highly biased (over-representing occurrence) and are therefore excluded from additional analysis. As can be seen in the table, the percent samples with detections typically ranges from 1 to 8% for states with approximately complete data reporting. An additional review of these two biased states is the measure of the number of samples per PWS. The numbers of samples per PWS for Alabama (2 samples/PWS) and Mississippi (4 samples/PWS) are significantly below the common range of 50 to 250 sample per PWS in most states. In addition to this clear source of bias, we also reviewed the apparent completeness of the data related to the number of PWSs represented.

The number of unique PWSs included in each state's data sets, and the number of samples per PWS, are also included in Table II.B.3.a. These summary statistics provide a perspective on the relative completeness of reporting. The number of PWSs included were compared to the total number of nonpurchased CWSs and NTNCWSs in the current state inventory, and to the number of nonpurchased CWSs and NTNCWSs serving more than 500 people (since not all small systems may have had to conduct this monitoring). Most states approximated or exceeded 100% of one of these comparative inventory numbers. The states listed in the "Too Few Systems" column have data reported from far fewer systems than listed in the current state inventory. For example, New Jersey (17 PWSs) and California (67 PWSs) have far too few systems with data in SDWIS/FED (Round 2) based on this comparison. Therefore, to reduce potential analytical results bias, New Jersey, California, and 7 other

states are excluded from the analyses since a significant portion of PWSs in these states do not have contaminant occurrence data in SDWIS/FED (Round 2).

States with data quality problems are also indicated in Table II.B.3.a. The data from Louisiana, Pennsylvania, South Carolina, and Vermont were very problematic. For instance, 100% of the data reported by Louisiana were non-detections; there were no positive analytical findings of contaminant occurrence in the164,492 sample results reported. Data from the other 3 states were very inconsistent (e.g., data for VOCs within a single state appeared to be reported in mixed units). The level of detail and effort required to check and correct these types of data problems with state data management staff (if possible at all) are beyond the resources and schedule of this study. The data from these four states were excluded from the analysis.

The last column in Table II.B.3.a, "States Usable for Cross-Section," lists states with data records that are reasonably balanced and perhaps complete for the systems that did report. These 20 Round 2 primacy entities with adequate and unbiased data were further considered for occurrence analyses.

Table II.B.3.a. Summary of Data Quantity and Quality in SDWIS/FED (Round 2) for the States, Tribes and Territories.

	State/ Tribes/ Territories	Total Unique PWSs	Percent Sample Detections	Samples per PWS	No Data in Database	Data sets with 100%	Significantly Too Few Systems	Data Quality Problems	States Usable for Cross-
1	Alabama	314	94.08%	2		Alabama			
2	Alaska	625	3.10%	194					Alaska
3	*American*	-			*American*				
4	Arizona	123	2.75%	55			Arizona		
5	Arkansas	577	7.29%	118					Arkansas
6	California	67	6.75%	44			California		
7	Colorado	833	3.72%	143					Colorado
8	Connecticut	87	4.53%	921			Connecticut		
9	Delaware	-			Delaware				
10	Florida	-			Florida				
11	Georgia	-			Georgia				
12	*Guam*	-			*Guam*				
13	Hawaii	-			Hawaii				
14	Idaho	-			Idaho				
15	Illinois	-			Illinois				
16	Indiana	120	2.26%	58			Indiana		
17	Iowa	-			Iowa				
18	Kansas	-			Kansas				
19	Kentucky	445	7.50%	125					Kentucky
20	Louisiana	1,394	0.00%	118				Louisiana	
21	Maine	745	0.89%	163					Maine
22	*Marianna*	-			*Marianna*				
23	Maryland	1,015	0.62%	140					Maryland
24	Massachusetts	506	3.12%	125					Massachusetts
25	Michigan	3,209	7.26%	97					Michigan
26	Minnesota	1,581	1.66%	198					Minnesota
27	Mississippi	1,155	71.27%	4		Mississippi			
28	Missouri	1,434	6.08%	109					Missouri
29	Montana	-			Montana				
30	Nebraska	-			Nebraska				
31	Nevada	-			Nevada				

	State/ Tribes/ Territories	Total Unique PWSs	Percent Sample Detections	Samples per PWS	No Data in Database	Data sets with 100%	Significantly Too Few Systems	Data Quality Problems	States Usable for Cross-
32	New Hampshire	849	5.45%	23					New
33	New Jersey	17	2.32%	28			New Jersey		
34	New Mexico	755	0.75%	277					New Mexico
35	New York	-			New York				
36	North Carolina	2,263	2.05%	55					North
37	North Dakota	296	7.73%	59					North Dakota
38	Ohio	2,259	3.45%	291					Ohio
39	Oklahoma	888	3.99%	180					Oklahoma
40	Oregon	1,168	1.66%	75					Oregon
41	Pennsylvania	1,424	10.19%	16				Pennsylvania	
42	*Puerto Rico*	-			*Puerto Rico*				
43	Rhode Island	117	0.30%	136					Rhode Island
44	South Carolina	1,047	0.33%	147				South Carolina	
45	South Dakota	27	2.34%	40			South		
46	Tennessee	78	9.31%	147			Tennessee		
47	Texas	4,863	1.23%	124					Texas
48	*Tribes*	26	1.22%	57			Tribes		
49	Utah	-			Utah				
50	Vermont	636	2.65%	74				Vermont	
51	*Virgin Islands*	-			*Virgin Islands*				
52	Virginia	-			Virginia				
53	Washington	2,680	2.23%	123					Washington
54	Washington,	-			Washington,				
55	West Virginia	-			West Virginia				
56	Wisconsin	225	1.41%	51			Wisconsin		
57	Wyoming	-			Wyoming				
	TOTAL	**33,848**	**2.95%**	**124**	**22**	**2**	**9**	**4**	**20**

The next level of data evaluation assessed the analytical results for each state in even more detail. For example, the minimum, median, 99th percentile, and maximum analytical values were determined for every contaminant in each state. With this more in-depth level of analysis, some additional data quality problems were identified within the data sets of the 20 Round 2 cross-section states. Most of these problems were determined to be specific to certain contaminants (or contaminant groups). With additional data editing efforts, these problems have either been resolved or the problematic portion of data omitted from further analysis.

The problematic Arkansas data is limited to the VOCs. There were 73 very similar, low VOC detections at 73 different PWSs (one VOC detection at each of 73 PWSs). The resulting calculated percent of systems and percent of samples with analytical detections for these 73 VOCs was nearly identical. Also, the percent of detections in Arkansas for these VOCs was considerably higher (up to 100 times higher) than that of any other state. Through several communications with the data management staff in Arkansas, it was determined that these records were actually semi-quantitative analytical results at levels below the method reporting level (non-detections) and had been mistakenly recorded as analytical detections. To correct this mistake, the Arkansas VOC records with a reported concentration of less than 0.5 Fg/L (the EPA VOC detection limit) were changed to non-detections, correcting the problematic analytical results.

Massachusetts SOC data were also problematic. Massachusetts reported Round 2 sample results for SOCs from only 56 PWSs, while reporting VOC results from over 400 PWSs. Massachusetts

SOC data also contained an atypically high percentage of systems with analytical detections compared to all other states. Through communications with Massachusetts data management staff, it was determined that the state's SOC data, as well as the SDWIS/FED (Round 2) Massachusetts SOC data, were incomplete. For instance, the SDWIS/FED (Round 2) data for Massachusetts indicates 18% systems with reported detections of aldrin. The average percent of systems with aldrin detections for all other states was 0.2%. In contrast, Massachusetts data characteristics and quantities for IOCs and VOCs were reasonable and comparable with other states' results. Therefore, Massachusetts was included in the group of 20 SDWIS/FED (Round 2) cross-section states with usable data for IOCs and VOCs, though its SOC data were omitted from occurrence analyses and summaries.

Other types of data problems were present in Pennsylvania. After an initial data review, the raw Pennsylvania records indicated nearly a dozen analytical results with extremely high concentrations of all unregulated SOCs. Pennsylvania state data management staff were contacted, and after their review of the data records, it was determined that the very high concentrations that were reported were incorrect (likely with incorrect units) and these records were deleted. (Note that even with these data corrections, Pennsylvania state data still could not be used in the cross-section analyses because there appear to be significantly too few samples per system as well as an unusually high percentage of systems with detections, indicated that many systems without analytical detections did not report results.)

And, similarly, the detailed data review indicated that New Hampshire data contained only detections for the 14 discretionary VOCs and these records were from no more than four PWSs. New Hampshire IOC and SOC data quality and completeness appeared reasonable. Therefore, the state was retained in the group of 20 cross-section states, but its data for the 14 discretionary VOCs were omitted from the occurrence analyses and summaries. As summarized in Section IV, V and VI, SDWIS/FED (Round 2) data are aggregated for a representative cross-section of 20 states, which is used as the basis for most of the analyses in this report.

III. DEVELOPING A NATIONALLY REPRESENTATIVE PERSPECTIVE

As discussed in Sections I and II, the URCIS database contains contaminant occurrence data from a total of 40 states, and territories (38 states plus Washington, D.C. and Virgin Islands). However, data from many states are incomplete and biased. Our evaluation suggested that data from 25 states (plus D.C. and the Virgin Islands, totaling 27 primacy entities) were most complete and might be used to generate national summary statistics on occurrence of the contaminants in URCIS. Data from 25 of the 50 states is a substantial sample. The data from all of these states could simply be aggregated to compute a composite, national occurrence value for a contaminant. However, even a 50% sample does not guarantee that the sample is representative because the data were not collected in a systematic or random statistical framework. The 50% sample could be heavily skewed to low-occurrence or high-occurrence settings. Hence, the state data were evaluated to assess how representative they were across the range, from high to low, of likely contaminant occurrence and across the spatial/hydrologic diversity of the nation. Based on these assessments, the construction of a cross-section of states from the available state data sets would provide a reasonable representation of national occurrence.

There are many sophisticated statistical methods that can be applied to analyze limited (and biased) data. However, this first stage of evaluating the URCIS occurrence data was to establish a representative cross-section of data for first-stage analyses. This representative cross-section would also be the basis for subsequent analyses as deemed necessary and appropriate by the findings. For this initial analysis, we used the approach that was developed for the CMR report, *A Review of Contaminant Occurrence in Public Water Systems* (EPA 816-R-99-006, 1999), to establish a national cross-section

from state SDWA contaminant databases. This approach was supported by peer reviewers and by stakeholders as providing a clear, repeatable, and understandable approach. It cannot provide a "statistically representative" sample, because the data were not selected in an appropriate fashion. The resultant data should, however, provide a clear indication of the central tendency of the national data.

III.A. Methods

For the CMR Report (referenced above), a protocol was developed for determining a representative cross-section of states for occurrence analysis. In the CMR analysis, contaminant data were available from 14 states. The state data were first evaluated for completeness and quality, similar to the analysis in this report. The balance of the states was then evaluated to establish a national cross-section. In the CMR process, eight states were selected for use in a national analysis as providing the best data quality and completeness, and for providing a balanced national cross-section of occurrence data. The CMR process was based on evaluating the states' pollution potential and geographic coverage in relation to all states. The URCIS and SDWIS/FED states were evaluated using the same selection process.

Two broad factors were considered in the assessment of a representative cross-section: pollution potential and geographic or spatial diversity. Pollution potential is considered to ensure that the selection of cross-section states represents the range of likely high, medium, and low contaminant occurrence. Geographic consideration is included so that the wide range of climatic and hydrogeologic conditions across the United States are represented, again balancing the varied conditions that affect transport and fate of contaminants. Many past EPA studies have shown that some simple measures, such as population (or population density) are valid indicators of pollution, because it is human activity and related land use that are the source of most pollutants, particularly the organic chemicals. Various demographic and other factors were evaluated as independent measures or indicators of pollution potential. (Over 30 factors were evaluated in the CMR report; only the final approach is described here.)

For this analysis, two primary pollution potential indicators were used to evaluate the representativeness of the states. The first factor indicates the pollution potential from manufacturing and the second factor refers to pollution potential from agriculture in each state. (Manufacturing and population density typically are related to the occurrence of VOCs, many of which are industrial chemicals, for example. Most of the SOCs of concern are pesticides, and the greatest use of most of these is in agriculture.) States were ranked from 1 to 50 for each factor and divided into quartiles based on the ranking. The rankings were reviewed to assess if states could be selected in approximate balance from each quartile. In addition, some secondary pollution potential indicators were also considered to further ensure that the data were representative.

III.A.1. Manufacturing Indicators

Numerous factors were considered in the CMR analysis as potential indicators of manufacturing-related pollution, including EPA's Toxic Release Inventory (TRI) (including total releases, releases per square mile, and releases excluding air releases), the number of manufacturing establishments, the number of manufacturing establishments per square mile, the number of manufacturing employees, the product value added by manufacturers, and the value added per capita. (See *Annual Survey of Manufacturers*, 1995; *Census of Manufacturers,* 1992; and *Toxic Release Inventory,* 1995). These factors were each considered in terms of their inherent value as pollution potential indicators, their range and variance (in providing a relative ranking of the states), and their inter-relationships.

The total TRI releases per square mile, number of manufacturing establishments per square mile, and value added per capita were considered the three most useful indicators. The TRI was considered useful because it is a measure of how many pounds of toxic chemicals are released within the state. While there are problems with the TRI (e.g., some inconsistent release estimation techniques, omission of many small establishments, or those with releases below specified thresholds), it can be used as a valid and direct indicator of pollutant potential as based on past pollutant releases. The number of manufacturing establishments per square mile takes into account how many factories are actually engaged in manufacturing and thus how many establishments potentially contribute to pollution. By using the number of manufacturing establishments on a density basis, i.e., per square mile, the size of the state is also taken into account. The final factor that was considered to be viable was the value added by manufacturers per capita. Initially this seemed to be a well-suited measure because of the presumed correlation between value added and the level of production (and by-product pollution) within the state. The drawback with this measure (and also with the measure of number of manufacturing establishments per square mile), is that it does not necessarily reflect the reality that different industries release different amounts of pollutants. For example, an industry that adds a lot of value to a product may cause little pollution while another industry that does not add much value may contribute more pollution.

There exists a strong correlation and linear association between the number of manufacturing establishments per square mile and the population density in each state, as well as with the total TRI pounds released per square mile, number of manufacturing employees, and total value added. Importantly, the manufacturing data are very consistently collected. Hence, the number of manufacturing establishments per square mile was used as the primary indicator. Also, Squillace and others (1999) found a significant correlation between VOC occurrence in ambient ground water and population density. As noted, population density and manufacturing density are highly correlated. The other key reason for choosing this factor was that it is a simple measure of how many establishments are actually engaged in manufacturing and thus might potentially contribute to polluting sources of drinking water. The TRI total pounds released per square mile was used as a secondary factor in determining representativeness and results in a very similar stratification. Manufacturing density (with its correlation to the TRI data) is used in this ranking because it is considered a more direct measure of pollution potential for this study.

III.A.2. Agricultural Indicators

There is no complete measure of pesticide usage by states that is readily available. So, a variety of factors were considered to assess potential synthetic organic chemical pollution from agriculture in each state. These included the percent of the state's population that is classified as rural, the percent of land in the state that is crop land, the percent of land that is grassland pasture and rangeland (a possible inverse indicator), and total farm agricultural chemical expenses. Like the manufacturing factors, these agricultural variables were considered in terms of their value in indicating potential sources of pollution and were plotted against one another to determine how closely they are related.

Of these factors, total farm agricultural chemical expenses was considered to be the best, and most direct indicator of potential pollution. The percent of the state's population that lives in rural areas does not necessarily relate to agricultural chemical use or crop land. There is, of course, a correlation between crop land and agricultural chemical use, but there are notable exceptions such as Florida and California which use a large amount of agricultural chemicals despite having more limited crop land area. While there are some incomplete surveys of pesticide use, the *Census of Agriculture* (1992) measure of dollars spent on agricultural chemicals is a more consistent and complete measure nationally.

III.B. Representative Cross-Section of States

Table III.B.1 summarizes the pollution potential rankings for the 50 states, highlighting those included in URCIS. Although a total of 38 state data sets, as well as data for Washington D.C. and Virgin Islands, are included in URCIS Round 1 data, not all states were usable in constructing a "representative" cross-section, as discussed in Section II. Thirteen states contained only detections or too few analytical records, or records from too few PWSs and were eliminated from consideration because of their inherent bias. The data from Washington, D.C. and Virgin Islands were excluded from this state-level analysis because it was difficult to evaluate them in relation to complete state data, for the current purposes. (The number of data from these entities is few and they can easily be added in for later review.) The data quality screening left 25 states eligible for the national cross-section. As noted in Section II, New York was also excluded because of inherent data quality problems, leaving 24 states.

The group of 24 cross-section states (the states with the best data quality) were evaluated for their pollution potential rankings and geographic coverage. Figure III.B.1. summarizes the representativeness of the pollution potential distribution across the ranking quartiles of the 24 cross-section states. As illustrated, the 24 states are quite well distributed based on pollution potential indicators, with a uniform distribution from high to low potential for both key pollution indicators. Figure III.B.2 shows the geographic distribution of the 24 cross-section states, as well as the states not in the cross section. Spatially the 24 states cover a substantial portion of the country. While coverage is lacking from the south-central U.S. and New England, the cross-section states provide broad coverage from around the country, from the major climatic regions. The 24 states include about 49% of the PWSs nationally and about 56% of population served by PWSs.

Table III.B.1. Ranking of States based on Number of Manufacturing Establishments per Square Mile. URCIS (Round 1) 24-State Cross-Section in Bold.

State	Ranking of the Number of Manufacturing Establishments/ Sq. Mile	Ranking of the Total Farm Ag. Chemical Expenses
Rhode Island	1	49
New Jersey	**2**	**37**
Connecticut	3	45
Massachusetts	4	43
New York	5	28
Ohio	**6**	**11**
Maryland	**7**	**35**
Pennsylvania	8	29
Delaware	9	39
Illinois	**10**	**2**
California	**11**	**1**
Florida	**12**	**4**
Michigan	13	18
New Hampshire	14	48
Indiana	**15**	**7**
North Carolina	**16**	**17**
Wisconsin	17	20
Tennessee	**18**	**24**
Georgia	**19**	**19**
Virginia	20	30
South Carolina	21	32
Hawaii	**22**	**36**
Vermont	23	47
Washington	**24**	**14**

State	Ranking of the Number of Manufacturing Establishments/ Sq. Mile	Ranking of the Total Farm Ag. Chemical Expenses
Alabama	**25**	**26**
Missouri	26	12
Kentucky	**27**	**27**
Minnesota	**28**	**5**
Louisiana	29	13
Texas	30	6
Mississippi	31	8
Arkansas	32	10
West Virginia	**33**	**44**
Oregon	34	22
Maine	35	38
Iowa	**36**	**3**
Oklahoma	37	33
Colorado	38	31
Kansas	39	16
Arizona	**40**	**25**
Utah	**41**	**42**
Nebraska	42	9
Idaho	43	23
New Mexico	**44**	**40**
South Dakota	**45**	**21**
Nevada	46	46
North Dakota	47	15
Montana	**48**	**34**
Wyoming	**49**	**41**
Alaska	**50**	**50**
	1=highest	*1=highest*

All 50 states are ranked based on the number of manufacturing establishments per square mile. Each state's rank in total farm agricultural chemical expenses is also indicated. The 38 states in highlighted rows are the states with data in the URCIS (Round 1) database. The 24 states in bold are the selected URCIS (Round 1) cross-section states. Ranking quartiles are indicated by bold lines.

Figure III.B.1. Distribution of State Rankings for Manufacturing Establishments / Sq. Mile vs. Farm Ag. Chemical Expenses.
Highlighting URCIS (Round 1) 24 Cross-Section States

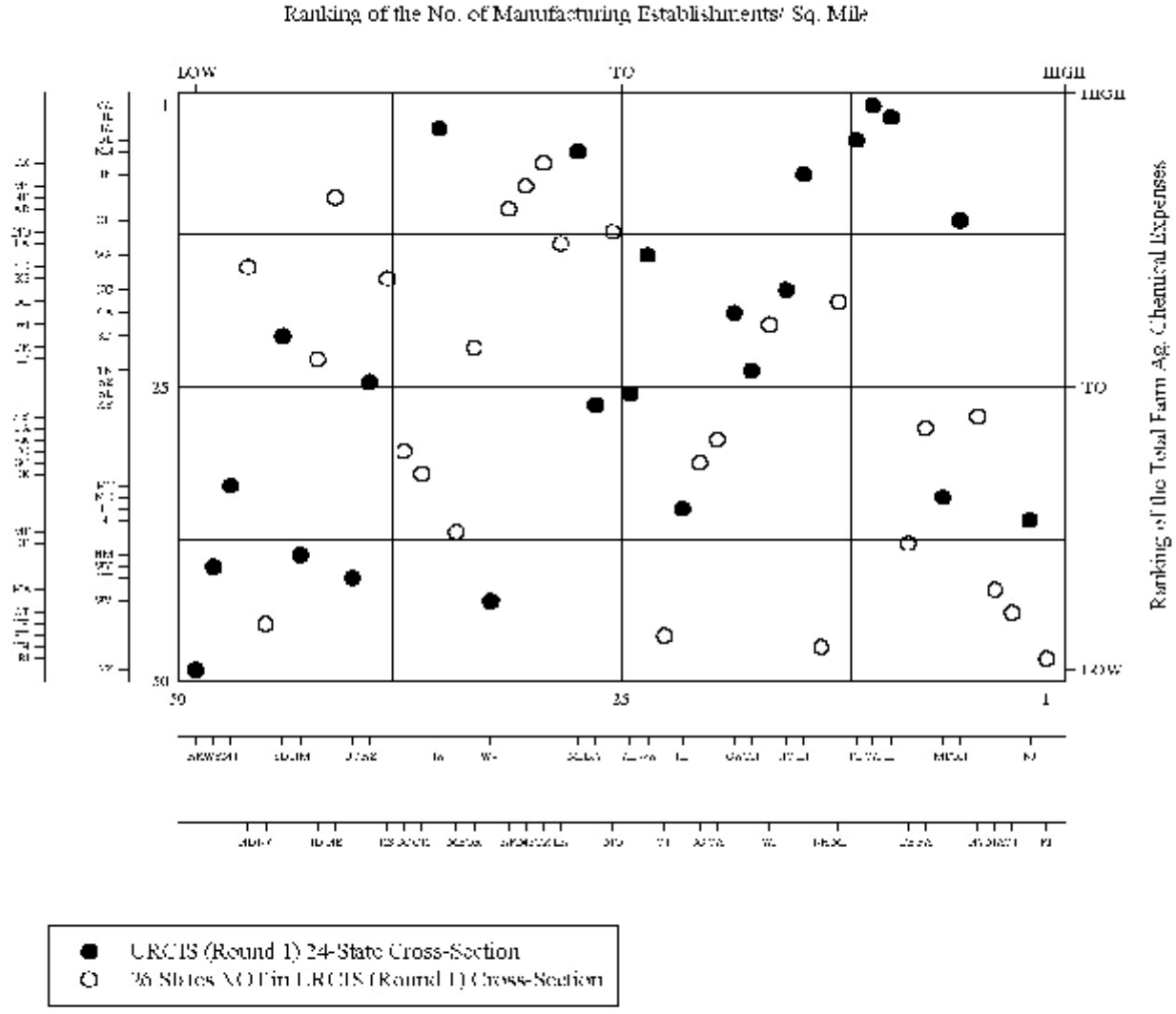
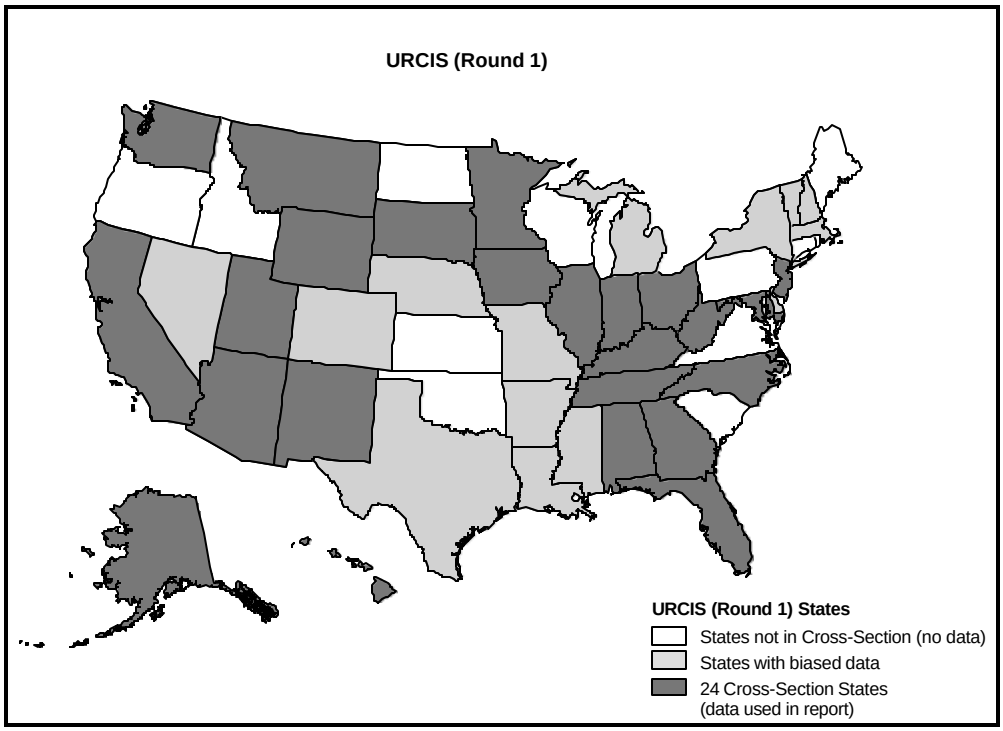


Figure III.B.2. 24 URCIS (Round 1) Representative Cross-Section States and States Not Included in the Cross-Section



In sum, the group of 24 cross-section states in URCIS (Round 1), should provide a balanced representation, based on relative rankings for pollution potential (i.e., potential for contaminant occurrence), geographic coverage, and data quality and completeness. The 24 cross-section state distribution across pollution potential quartiles suggests that the states should provide a valid indication of the potential range and occurrence of contamination in PWSs nationally. The data from the 24-state cross-section is used to compute aggregate contaminant occurrence measures as an approximation of a national cross-section. While the data from these cross-section states cannot be stated to be "statistically representative," their distribution should provide a representative view and clear indication of national central tendency of occurrence.

In addition, the URCIS data, with 24 states in its cross-section, represent a relatively large collection of state data for a cross-section. As noted, the CMR analysis developed a cross-section of 8 states. (The Round 2 unregulated data cross-section, discussed later in this section, has 20 states used for analyses.) The data from the URCIS 24 cross-section states can also be used to evaluate and illustrate this approach to constructing a national cross section by evaluating the data in aggregate steps, using increments of the 24 states. This is described below.

III.B.1. Incremental National Cross-Sections

The data from the 24 URCIS cross-section states were used to build "incremental" national cross-sections, by aggregating subsets of the 24 states using the same, described selection protocol for evaluating representativeness. Each aggregation (e.g., 4 states, 8 states, etc.) provides some representation from all quartiles of pollution potential indicators, a geographic balance, and, hence, hopefully, a balance in potential occurrence. The data from the states in each aggregate were used to compute group contaminant occurrence measures as an approximation of a national cross-section.

The CMR analysis suggested that a minimum of 6 or 7 states was needed to provide a balance both geographically and across pollution potentials. The CMR report used 8 states out of the available data. (Unfortunately, the same 8 states could not be used in this analysis because data were not available for all of them. The 8-state cross-section here in the incremental build-up, though, is a close approximation to the 8 states used in the CMR.) For this comparison, the first cross-section is composed of 4 states, and additional states are added in increments. Hence, the first group of 4 states (NJ, GA, IA, and MT) is composed of one state from each quartile, with the states covering a broad geographic range. Additional states were added, maintaining the distribution of pollution potential and spatial diversity, to develop composite 8- and 13-state cross-sections. The statistical data from these aggregates can be compared with the results from the 24 states, the 16 states/territories with the biased data, and the results of all 40 states/territories, to evaluate and illustrate the differences.

The states included in each cross-section increment or group are:

4 States: NJ, GA, IA, MT

8 States: NJ, GA, IA, MT, *CA, NC, KY, NM*

13 States: NJ, GA, IA, MT, CA, NC, KY, NM, *OH, TN, AL, SD, AZ*

24 States: NJ, GA, IA, MT, CA, NC, KY, NM, OH, TN, AL, SD, AZ, *AK, FL, HI, IL, IN, MD, MN, UT, WA, WV, WY*

14 (biased) States: AR, CO, DE, LA, MA, MI, MO, MS, NE, NH, NV, NY, TX, VT (plus DC and VI)

All (40) States: NJ, GA, IA, MT, CA, NC, KY, NM, OH, TN, AL, SD, AZ, AK, FL, HI, IL, IN, MD, MN, UT, WA, WV, WY, AR, CO, DC, DE, LA, MA, MI, MO, MS, NE, NH, NV, NY, TX, VI, VT

Figure III.B.1.a shows the pollution potential ranking distribution of the first 8 states and the last 16 states used in the 24-state cross-section, for comparison. Table III.B.1.a, summarizes occurrence results from the various state groups for 5 of the Round 1contaminants: a relatively high-occurrence VOC, trichloroethylene (TCE); a very high occurrence VOC that occurs from pollutant sources and as a THM-chlorination by-product, chloroform; and three more typical, low occurrence VOCs, bromobenzene, hexachlorobutadiene, and 1,3-dichloropropene.

Figure III.B.1.a. Distrubution of State Rankings for Manufacturing Establishments / Sq. Mile vs. Farm Ag. Chemical Expenses.
URCIS (Round 1) 24-State Cross-Section Build-up

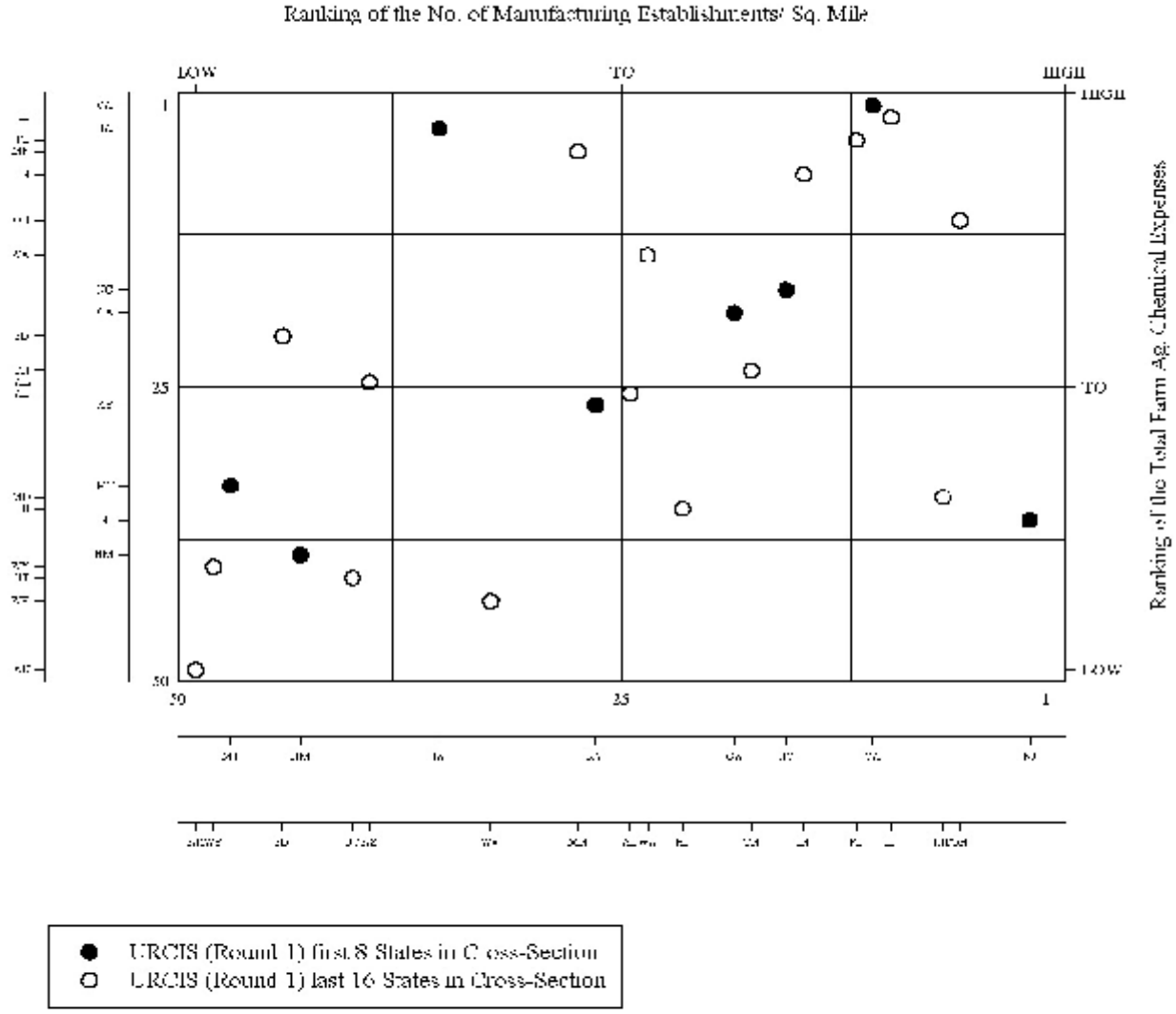


Table III.B.1.a. Summary and Comparison of Occurrence Results for Incremental National Cross-Sections in URCIS (Round 1).

STATES	TOTAL # SAMPLES	TOTAL UNIQUE PWS	% SAMPLES > MRL	% PWS > MRL	% POPULATION > MRL	% PWS > HRL	MEDIAN DETECTS (µg/L)
BROMOBENZENE							
4 STATES	8,443	4,038	0.02%	0.02%	0.03%	N/A	1.85
8 STATES	14,059	5,599	0.06%	0.13%	2.21%	N/A	3.65
13 STATES	34,597	9,630	0.05%	0.15%	2.69%	N/A	1.48
24 STATES	56,174	16,450	0.07%	0.19%	3.17%	N/A	1.00
14 STATES/ BIASED[1]	3,457	488	0.23%	1.64%	0.84%	N/A	1.00
ALL (40) STATES	59,631	16,938	0.08%	0.24%	3.07%	N/A	1.00
CHLOROFORM							
4 STATES	9,538	4,245	31.10%	30.67%	82.81%	0.05%	5.40
8 STATES	28,757	9,303	27.17%	23.59%	76.36%	0.03%	3.00
13 STATES	40,392	12,717	25.74%	24.74%	77.24%	0.02%	4.00
24 STATES	63,826	20,184	28.38%	28.63%	79.17%	0.02%	4.80
14 STATES/ BIASED[1]	4,919	1,038	66.62%	77.75%	95.09%	0.00%	6.40
ALL (40) STATES	68,745	21,222	31.11%	31.03%	81.04%	0.02%	5.00
1,3-DICHLOROPROPENE							
4 STATES	4,157	2,220	0.07%	0.14%	3.65%	0.00%	1.30
8 STATES	8,390	3,366	0.04%	0.09%	1.26%	0.00%	1.30
13 STATES	24,733	6,667	0.02%	0.09%	0.73%	0.00%	1.15
24 STATES	31,104	9,164	0.06%	0.16%	0.91%	0.00%	1.00
14 STATES/ BIASED[1]	869	143	1.04%	2.80%	3.28%	0.00%	2.00
ALL (40) STATES	31,973	9,307	0.09%	0.20%	0.95%	0.00%	1.00
HEXACHLOROBUTADIENE							
4 STATES	1,630	801	0.37%	0.75%	0.56%	0.25%	0.12
8 STATES	7,950	2,797	0.08%	0.21%	0.06%	0.07%	0.12
13 STATES	27,020	6,669	0.08%	0.28%	0.67%	0.12%	0.83
24 STATES	42,839	12,284	0.13%	0.35%	0.86%	0.11%	0.25
14 STATES/ BIASED[1]	2,710	484	0.11%	0.62%	0.06%	0.62%	6.00
ALL (40) STATES	45,549	12,768	0.13%	0.36%	0.82%	0.13%	0.30
TRICHLOROETHYLENE							
4 STATES	4,235	2,402	4.53%	3.04%	0.43%	0.87%	1.85
8 STATES	28,464	7,346	22.83%	4.61%	63.49%	1.51%	3.10
13 STATES	38,274	10,135	17.82%	3.93%	59.39%	1.30%	3.10
24 STATES	53,674	15,290	13.80%	3.54%	55.49%	0.99%	3.00
14 STATES/ BIASED[1]	4,713	628	28.37%	24.84%	34.73%	9.08%	3.00
ALL (40) STATES	58,387	15,918	14.97%	4.38%	55.00%	1.31%	3.00

[1] 14 States plus DC, VI

The comparative results illustrate several points. The representative cross-section results for the percentage of systems (or percentage of samples, or percentage of population served by systems) with detections are quite stable and consistent for the 8-, 13- and 24-state cross-sections. The 4 state data are generally more variable, and more obviously different from the larger cross-sections. Sometimes the 4 state values are greater, sometimes smaller than the 8-, 13-, and 24-state values. For the 8-, 13-, and 24-state data, the values for the percent samples and the percent population vary more than the percent systems, as would be expected.

The values for the percent samples or systems with detections are always greater for the 16 biased-states, typically much greater than the cross-section states, i.e., 25% of PWS with detections of TCE compared to 4% for the national cross-section. (The one exception is for the percent of hexachlorobutadiene samples with detections.) The percent population using drinking water with detections is not always greater for the 16 biased-states, but this is in part because the population data are so incomplete for these states. Because the 16 biased-states have such a strong bias of increased occurrence, occurrence results using all 40 states are typically greater than the national cross-section, as well.

The 8-state through the 24-state cross-sections provide comparable results. The results are consistent and all appear usable in providing a national cross-section that can enable an estimate of contaminant occurrence. Obviously, having data from more states is desirable, as long as the additional states are added in a balanced manner relating to pollution potential and spatial coverage. Table III.B.1.b shows the results for TCE with 3 other comparisons. Results from 5 high-occurrence states (i.e., all in the top quartile for manufacturing density), 5 low-occurrence (all lowest quartile) and a regionally-biased sample (4 Midwestern states) are shown for comparison. These comparative data further support the selection approach and illustrate the value of establishing the national cross-section. While more data is desirable, it is evident that having an appropriately selected 8 state sample is more representative than the wrong 16 states. The validity and value of the national cross-section sample could be further tested if necessary.

Table III.B.1.b. Trichloroethylene Occurrence for the URCIS (Round 1) Cross-Section States and Comparative Biased Groups of States

STATES	TOTAL # SAMPLES	TOTAL UNIQUE PWS	% SAMPLES > MRL	% PWS > MRL	% POPULATION > MRL	% PWS > MCL	MEDIAN DETECTS (µg/L)
TRICHLOROETHYLENE							
4 STATES	4,235	2,402	4.53%	3.04%	0.43%	0.87%	1.85
8 STATES	28,464	7,346	22.83%	4.61%	63.49%	1.51%	3.10
13 STATES	38,274	10,135	17.82%	3.93%	59.39%	1.30%	3.10
24 STATES	53,674	15,290	13.80%	3.54%	55.49%	0.99%	3.00
14 STATES/	4,713	628	28.37%	24.84%	34.73%	9.08%	3.00
ALL (40) STATES	58,387	15,918	14.97%	4.38%	55.00%	1.31%	3.00
HIGH OCC.[2]	28,227	7,304	23.25%	4.12%	63.84%	1.45%	3.10
LOW OCC.[3]	5,952	1,974	0.66%	0.96%	1.00%	0.30%	1.90
REGIONAL OCC.[4]	9,107	2,085	6.25%	2.69%	24.14%	1.06%	1.40

1. 14 States plus DC, VI
2.. High Occurrence States: CA, IL, MD, NJ, OH
3. Low Occurrence States: AZ, MT, NM, SD, UT
4. Regional Occurrence States: IA, IL, IN, OH

The consistency of analytical results among the different national cross-section groups supports the validity of the criteria used to construct the state aggregations. Again, while the data from these cross-section states cannot be stated to be "statistically representative," their distribution should provide a clear indication of national central tendency of occurrence. The results using the 24-state cross-section will be further described in later sections of this report.

III.B.2. SDWIS/FED 20-State Cross-Section

After the checking and editing process of the SDWIS/FED (Round 2) data, a group of 20 states - with the exceptions noted in Section II.B.3 - remained for which the data were relatively unbiased, complete, and of good quality. These 20 SDWIS/FED Round 2 cross-section states were then evaluated for their pollution potential rankings and geographic coverage. The pollution potential ranking of all states (with these 20 cross-section states identified in bold) are presented in Table III.B.2.a. In Figure III.B.2.a, the distribution of the pollution potential rankings of the 20 cross-section states illustrates how representative the cross-section states are as based on these characteristics.

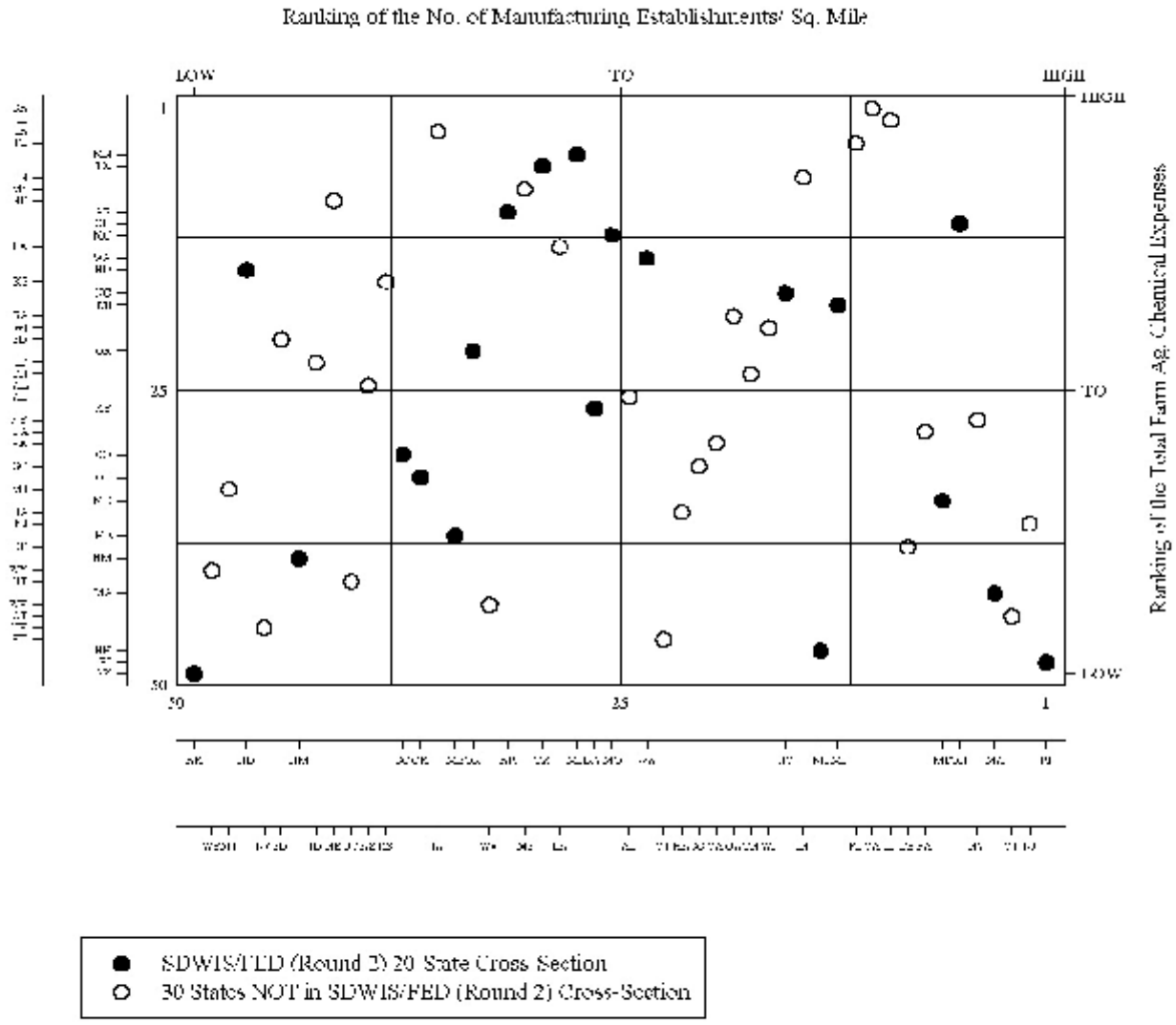
Table III.B.2.a. Ranking of States based on Number of Manufacturing Establishments per Square Mile. SDWIS/FED (Round 2) 20 Cross-Section States in Bold.

State	Ranking of the Number of Manufacturing Establishments/ Sq. Mile	Ranking of the Total Farm Ag. Chemical Expenses
Rhode Island	**1**	**49**
New Jersey	2	37
Connecticut	3	45
Massachusetts	**4**	**43**
New York	5	28
Ohio	**6**	**11**
Maryland	**7**	**35**
Pennsylvania	8	29
Delaware	9	39
Illinois	10	2
California	11	1
Florida	12	4
Michigan	**13**	**18**
New Hampshire	**14**	**48**
Indiana	15	7
North Carolina	**16**	**17**
Wisconsin	17	20
Tennessee	18	24
Georgia	19	19
Virginia	20	30
South Carolina	21	32
Hawaii	22	36
Vermont	23	47
Washington	**24**	**14**
Alabama	25	26
Missouri	**26**	**12**
Kentucky	**27**	**27**
Minnesota	**28**	**5**
Louisiana	29	13
Texas	**30**	**6**
Mississippi	31	8
Arkansas	**32**	**10**
West Virginia	33	44

State	Ranking of the Number of Manufacturing Establishments/ Sq. Mile	Ranking of the Total Farm Ag. Chemical Expenses
Oregon	**34**	**22**
Maine	**35**	**38**
Iowa	36	3
Oklahoma	**37**	**33**
Colorado	**38**	**31**
Kansas	39	16
Arizona	40	25
Utah	41	42
Nebraska	42	9
Idaho	43	23
New Mexico	**44**	**40**
South Dakota	45	21
Nevada	46	46
North Dakota	**47**	**15**
Montana	48	34
Wyoming	49	41
Alaska	**50**	**50**
	1=highest	*1=highest*

All 50 states are ranked based on the number of manufacturing establishments per square mile. Each state's rank in total farm agricultural chemical expenses is also indicated. The 34 states in highlighted rows are the states with data in the SDWIS/FED database. The 20 states in bold are the selected SDWIS/FED (Round 2) cross-section states. Ranking quartiles are indicated by bold lines.

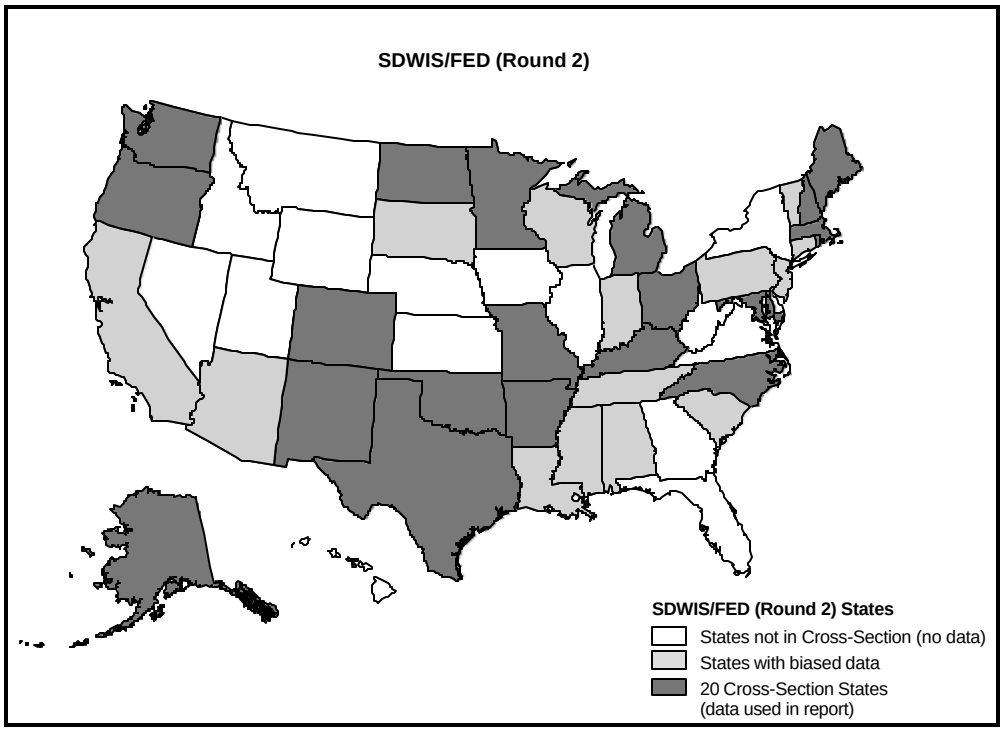
Figure III.B.2.a. Distribution of State Rankings for Manufacturing Establishments / Sq. Mile vs. Farm Ag. Chemical Expenses.
Highlighting SDWIS/FED (Round 2) 20 Cross-Section States



The geographic distribution of the 20 SDWIS/FED Round 2 cross-section states, as well as the states not included in the cross-section, is shown in Figure III.B.2.b. Even with some cluster of states in the central portion of the quartiles, the 20 cross-section states appear relatively well distributed based on pollution potential indicators, with a fairly uniform distribution, from high to low potential, for both key pollution indicators (see Figure III.B.2.a). This broad distribution appears relatively comparable to that of the 24 URCIS Round 1 cross-section states (see the discussion earlier in this section of the Round 1 cross-section). Geographically, the 20 Round 2 cross-section states are widely distributed across the country. Although coverage is perhaps sparse in the south-east and along the western slope of the Rocky Mountains, every major geographic region has some state representation.

The data used for the analyses in this report (including the URCIS-Round 1 and SDWIS/FED-Round 2 cross-section states) is available upon request from the EPA Office of Ground Water and Drinking Water.

Figure III.B.2.b. 20 SDWIS/FED (Round 2) Cross-Section States and States Not Included in the Cross-Section



IV. DATA COVERAGE FOR THE NATIONAL OCCURRENCE OF CONTAMINANTS IN DRINKING WATER

IV.A. URCIS (Round 1) Data Coverage

A descriptive overview of the data is presented in a series of tables to provide additional insight and perspective on the results. After data management and editing, 3.45 million records were available for analysis representing over 24,000 PWSs from the 40 states/entities. For the 24 states comprising the URCIS representative cross-section (see Section III for a discussion regarding cross-section), the analytical results total is 3.27 million records from 22,034 PWSs. The URCIS cross-section states, therefore, contain nearly 95% of all Round 1 state contaminant occurrence data in URCIS. Summary results for all states, as well as for the 24 cross-section states, are included in the following tables. Additionally, several figures (such as Figures VI.B.1.a and VI.B.2.a) present occurrence findings based on data from all states with any data in URCIS, even including the non-cross-section states. Although these non-cross-section states contain biased data (for example, some non-cross-section states contain analytical records primarily from PWSs with analytical detections), these states can still provide information regarding a broad overview of the presence (or absence) of contaminant detections in PWSs. (By including these "biased states" in some figures, an inadvertent under-assessment of the extent of detections nationally is avoided.)

Table IV.A.1 shows data elements included in URCIS (Round 1). Note that a special data element was developed in URCIS to indicate a detection from a result below the detection limit. (Many states do not provide an actual value for the detection limit, or MRL, and often these values are recorded as a zero in the analytical result field.)

Table IV.A.1. Data Elements Included in the URCIS (Round 1) Database

Data Element		Description
PWS Identification Number		Nine digit identification number unique to each public water system
Source Identification Number		Three-digit code to identify the source
Source Water Type		
	Ground Water	Ground water or purchased ground water
	Surface Water	Surface water, purchased surface water, ground water under the direct influence of surface water or purchased ground water under the direct influence of surface water
Chemical Abstract Services (CAS) Number		Unique numeric designation used to identify specific chemical compounds
Contaminant Name		Commonly used contaminant name
Contaminant Group		
	SOC	Synthetic Organic Chemicals
	VOC	Volatile Organic Chemicals
	Y	Trihalomethanes
Sample Date		Date sample was collected (years 1983 through 1992)
Analysis Result		Concentration of the sample (measured in micrograms/liter)
Detection Limit Identifier		Code to determine if analysis result is less than the minimum detection limit or greater than the minimum detection limit
	0	Analytical result concentration is less than the minimum detection limit
	1	Analytical result concentration is greater than the minimum detection limit

Data Element		Description
Community Type		
	CWS	Community Water System
	NTNC	Non-Transient Non-Community Water System
	NC	Non-Community Water System
Population Served		Population served by the public water system

Included in Table IV.A.2 are the number and percent of sample records and systems related to source water type: 87% of the systems are classified as ground water and 13% as using surface water. The Round 1 data were collected before "ground water under the direct influence of surface water" (GUDI) was introduced as a source definition. The classification used follows the regulatory guidelines: if a system uses any surface water, the system is classified, and is required to monitor, as a surface water system.

Table IV.A.2. URCIS (Round 1) Data - Number of Records and Systems by Source Water Type

SOURCE TYPE	RECORDS		SYSTEMS	
	NUMBER	PERCENT	NUMBER	PERCENT
Total - Ground Water	2,950,618	85.5%	21,046	87.1%
Total - Surface Water	501,912	14.5%	3,130	12.9%
TOTAL	**3,452,530**	**100.0%**	**24,176**	**100.0%**
Cross-Section - Ground Water	2,814,472	86.1%	19,637	87.9%
Cross-Section - Surface Water	453,173	13.9%	2,695	12.1%
Cross-Section - TOTAL	**3,267,645**	**100.0%**	**22,332**	**100.0%**

Note: There are a greater number of "Total" and "24 States Total" systems here than in Table IV.A.3 since some water systems have more than one source water type.

Table IV.A.3. shows the number and percent of records and systems by system type. About 7% of systems were coded as "NCWS", a SDWIS code typically used for transient systems. Transient PWSs were not required by federal rule to monitor, but may have been required to by some states. Also, about 7% of the systems did not indicate a system type (and the type could not be determined by merging the data sets with the SDWIS inventory records). These data remained in the database for the first stages of analysis, because other data elements were complete.

Table IV.A.3. URCIS (Round 1) Data - Number of Records and Systems by System Type

SYSTEM TYPE	RECORDS		SYSTEMS	
	NUMBER	PERCENT	NUMBER	PERCENT
Total - CWS[1]	2,608,840	75.6%	15,562	65.3%
Total - NCWS[2]	89,707	2.6%	1,771	7.4%
Total - NTNCWS[3]	516,047	14.9%	4,872	20.5%
Total - UNKNOWN	237,936	6.9%	1,614	6.8%
TOTAL	**3,452,530**	**100.0%**	**23,819**	**100.0%**

SYSTEM TYPE	RECORDS		SYSTEMS	
	NUMBER	PERCENT	NUMBER	PERCENT
Cross-Section - CWS[1]	2,546,144	77.9%	14,260	64.7%
Cross-Section - NCWS[2]	89,533	2.7%	1,746	7.9%
Cross-Section - NTNCWS[3]	515,807	15.8%	4,774	21.7%
Cross-Section - UNKNOWN	116,161	3.6%	1,254	5.7%
Cross-Section - TOTAL	**3,267,645**	**100.0%**	**22,034**	**100.0%**

1. CWS = Community Water System
2. NCWS = Non-Community (Transient) Water System
3. NTNCWS = Non-Transient Non-Community Water System

Note: There are a fewer number of "Total" and "24 States Total" systems here than in Table IV.A.2 since some water systems have more than one source water type.

Tables IV.A.4 and IV.A.5 show the distribution of data by years and by month across all years. The majority of data were collected during the 1987-1992 compliance cycle, with a peak of data collection in 1991. (Records prior to 1987 predate the formal beginning of first round monitoring, but represent comparable data, and are therefore included to expand the coverage of these analyses.) Although in the month of March there is a slightly greater percentage of data, there is no significant difference, suggesting that there should be no seasonal bias due to monthly differences in reporting.

Table IV.A.4. URCIS (Round 1) Data - Number of Records by Year and Source Water Type

YEAR	# SURFACE WATER RECORDS	# GROUND WATER RECORDS	TOTAL # RECORDS	% OF TOTAL RECORDS
Total - 1983	260	553	813	0.0%
Total - 1984	150	44,305	44,455	1.3%
Total - 1985	233	78,994	79,227	2.3%
Total - 1986	1,939	140,620	142,559	4.1%
Total - 1987	12,942	120,728	133,670	3.9%
Total - 1988	119,367	232,471	351,838	10.2%
Total - 1989	131,030	382,077	513,107	14.9%
Total - 1990	101,945	574,609	676,554	19.6%
Total - 1991	108,681	1,179,423	1,288,104	37.3%
Total - 1992	25,365	196,838	222,203	6.4%
TOTAL	**501,912**	**2,950,618**	**3,452,530**	**100.0%**
Cross-Section - 1983	0	5	5	0.0%
Cross-Section - 1984	30	43,837	43,867	1.3%
Cross-Section - 1985	175	78,696	78,871	2.4%
Cross-Section - 1986	1,852	140,155	142,007	4.3%
Cross-Section - 1987	12,876	120,292	133,168	4.1%
Cross-Section - 1988	107,428	214,190	321,618	9.8%

YEAR	# SURFACE WATER RECORDS	# GROUND WATER RECORDS	TOTAL # RECORDS	% OF TOTAL RECORDS
Cross-Section - 1989	111,979	337,068	449,047	13.7%
Cross-Section - 1990	87,273	509,889	597,162	18.3%
Cross-Section - 1991	106,338	1,174,459	1,280,797	39.2%
Cross-Section - 1992	25,222	195,881	221,103	6.8%
Cross-Section -	**453,173**	**2,814,472**	**3,267,645**	**100.0%**

Table IV.A.5. URCIS (Round 1) Data - Number of Records by Month and Source Water Type

MONTH	# SURFACE WATER RECORDS	# GROUND WATER RECORDS	TOTAL # OF RECORDS	% OF TOTAL RECORDS
Total - January	35,587	276,606	312,193	9.0%
Total - February	47,287	267,434	314,721	9.1%
Total - March	50,360	345,113	395,473	11.5%
Total - April	35,705	272,149	307,854	8.9%
Total - May	49,007	267,254	316,261	9.2%
Total - June	44,784	207,553	252,337	7.3%
Total - July	33,777	197,418	231,195	6.7%
Total - August	43,397	196,703	240,100	7.0%
Total - September	38,699	223,775	262,474	7.6%
Total - October	38,267	232,324	270,591	7.8%
Total - November	41,990	225,235	267,225	7.7%
Total - December	43,052	239,054	282,106	8.2%
TOTAL	**501,912**	**2,950,618**	**3,452,530**	**100.0%**
Cross-Section - January	33,315	266,685	300,000	9.2%
Cross-Section - February	42,774	259,528	302,302	9.3%
Cross-Section - March	42,903	328,589	371,492	11.4%
Cross-Section - April	33,625	262,270	295,895	9.1%
Cross-Section - May	45,221	254,900	300,121	9.2%
Cross-Section - June	38,140	190,791	228,931	7.0%
Cross-Section - July	31,060	190,254	221,314	6.8%
Cross-Section - August	40,967	185,958	226,925	6.9%
Cross-Section -	33,214	209,679	242,893	7.4%
Cross-Section - October	35,756	222,984	258,740	7.9%
Cross-Section -	39,480	215,372	254,852	7.8%
Cross-Section-December	36,718	227,462	264,180	8.1%
Cross-Section -	**453,173**	**2,814,472**	**3,267,645**	**100.0%**

Table IV.A.6 summarizes the number of systems by population-served size categories. Table IV.A.7 provides further details by system type. Note that the majority of New York and Alaska systems cannot be associated with a population-served because the population data were not reported, and for the URCIS data, these states used state-specific PWSIDs that cannot be related to other databases. (We were not able, for example, to derive population estimates for systems through merging the URCIS data with New York or Alaska state data in SDWIS because of the lack of common PWSIDs.) Also, while California has a large number of systems without population data (540), this only constitutes about 13% of the systems represented in their data.

The analytical findings of the occurrence data for the 62 contaminants from the 24 URCIS Round 1 cross-section states are developed and summarized in Section V of this report.

Table IV.A.6. Total Number of Public Water Systems by State and Population Size Category contained in the URCIS (Round 1) Database

STATE	< 500		501-3,300		3,301-10,000		10,001-50,000		>50,000		SYSTEMS WITH POP DATA	SYSTEMS WITH NO POP DATA[1]	TOTAL	
	Systems	Pop. Served	Systems	Pop. Served	Systems	Pop. Served	Systems	Pop. Served	Systems	Pop. Served			Systems	Pop. Served
Alaska	54	1,914	0	0	0	0	0	0	0	0	54	694	748	1,914
Alabama	33	7,009	27	55,027	41	240,441	41	784,624	10	1,705,098	152	0	152	2,792,199
Arkansas	1	200	3	3,735	2	11,928	0	0	0	0	6	0	6	15,863
Arizona	665	102,991	218	270,754	50	271,132	30	663,184	10	2,705,523	973	0	973	4,013,584
California	2,520	317,235	559	782,402	211	1,349,634	212	5,498,165	125	20,801,367	3,627	540	4,167	28,748,803
Colorado	37	5,204	9	13,047	2	13,600	8	162,546	4	1,680,200	60	0	60	1,874,597
Washington,D.C.	1	0	0	0	0	0	0	0	0	0	1	0	1	0
Delaware	0	0	2	2,434	6	32,198	2	60,300	3	404,800	13	0	13	499,732
Florida	434	72,950	193	281,349	88	525,826	100	2,393,159	38	6,326,159	853	2	855	9,599,443
Georgia	788	117,453	231	310,920	84	473,277	46	1,056,758	16	2,967,369	1,165	0	1,165	4,925,777
Hawaii	51	11,477	40	61,169	22	127,092	11	240,632	3	820,233	127	0	127	1,260,603
Iowa	549	106,710	356	432,396	69	400,312	20	444,462	8	744,541	1,002	0	1,002	2,128,421
Illinois	624	122,394	459	586,283	135	768,046	76	1,551,040	13	4,215,097	1,307	0	1,307	7,242,860
Indiana	146	25,846	160	222,855	61	346,289	39	856,829	9	1,660,931	415	0	415	3,112,750
Kentucky	267	47,385	117	182,427	76	453,476	61	1,239,827	4	1,224,025	525	0	525	3,147,140
Louisiana	1	400	1	3,300	6	33,705	3	65,310	2	137,400	13	0	13	240,115
Massachusetts	12	1,555	25	58,716	60	394,623	97	2,281,386	16	3,060,031	210	10	220	5,796,311
Maryland	720	106,915	201	228,018	49	256,062	22	494,978	6	3,765,001	998	0	998	4,850,974
Michigan	52	8,803	47	74,381	17	100,965	17	382,481	6	1,634,269	139	0	139	2,200,899
Minnesota	1,131	128,066	315	422,736	61	341,983	54	1,264,645	2	146,335	1,563	2	1,565	2,303,765
Missouri	1	25	6	18,503	50	296,997	24	382,805	3	191,700	84	1	85	890,030
Mississippi	62	16,421	92	134,099	29	166,067	22	551,708	1	205,895	206	0	206	1,074,190
Montana	470	64,429	69	92,750	19	104,176	5	146,666	2	141,151	565	0	565	549,172
North Carolina	177	29,818	62	104,598	33	202,185	23	493,108	3	283,900	298	0	298	1,113,609
Nebraska	117	24,264	73	87,124	14	78,871	8	176,145	2	580,341	214	0	214	946,745
New Hampshire	125	18,040	47	67,207	13	77,742	14	261,331	2	184,750	201	0	201	609,070
New Jersey	1,210	142,718	223	265,866	54	335,843	50	1,167,427	14	3,572,618	1,551	0	1,551	5,484,472
New Mexico	453	66,407	116	142,048	26	168,031	19	450,299	3	545,179	617	0	617	1,371,964
Nevada	0	0	0	0	7	43,850	1	27,060	2	1,000,000	10	0	10	1,070,910
New York	1	380	5	7,000	1	3,500	1	17,000	0	0	8	349	357	27,880
Ohio	1,852	289,842	555	675,965	120	713,602	102	2,149,959	26	4,916,684	2,655	2	2,657	8,746,052
South Dakota	225	36,254	83	102,550	16	81,272	9	134,818	2	155,814	335	0	335	510,708
Tennessee	65	11,205	85	128,990	85	539,009	59	1,314,876	12	1,921,707	306	0	306	3,915,787
Texas	26	6,449	49	69,308	26	135,427	13	231,413	10	2,317,678	124	0	124	2,760,275
Utah	253	47,854	95	142,188	41	253,727	29	656,592	12	2,017,135	430	0	430	3,117,496
Virgin Islands	0	0	1	2,000	0	0	2	64,000	0	0	3	0	3	66,000
Vermont	83	13,443	35	53,217	9	53,070	5	105,300	1	56,000	133	0	133	281,030
Washington	574	118,291	266	381,713	72	430,502	57	1,338,993	9	1,531,541	978	14	992	3,801,040
West Virginia	15	2,337	81	131,115	28	156,505	13	300,335	2	238,577	139	0	139	828,869
Wyoming	89	19,296	35	49,438	13	77,875	6	116,923	2	109,000	145	0	145	372,532
TOTAL	**13,884**	**2,091,980**	**4,941**	**6,647,628**	**1,696**	**10,058,840**	**1,301**	**29,527,084**	**383**	**73,968,049**	**22,205**	**1,614**	**23,819**	**122,293,581**
CROSS-SECTION	**13,365**	**1,996,796**	**4,546**	**6,053,557**	**1,454**	**8,616,297**	**1,084**	**24,758,299**	**331**	**62,514,985**	**20,780**	**1,254**	**22,034**	**103,939,934**

1. A total of 1,614 systems in the UCM (1987) database do not contain population-served information. Population-served information was also not available for those systems in the 1999 Needs Survey (Cadmus, 1998), and therefore, the population size categories could not be determined for these systems.
Note: The total number of systems is different from the totals in Table IV.A.2 since some systems have more than one source type.

Table IV.A.7. Number of Public Water Systems by State, System Type and Population Size Category contained in the URCIS (Round 1) Database

STATE	Population Size Category (Population Served by System)																		SYSTEMS WITH POP DATA	SYSTEMS WITH NO POP DATA[4]	TOTAL PWSs
	< 500				501 - 3,300				3,301 - 10,000				10,001 - 50,000			> 50,000					
	TOTAL	System Type			TOTAL	System Type			TOTAL	System Type			TOTAL	System Type		TOTAL	System Type				
		CWS[1]	NTNCW	NCWS[3]		CWS[1]	NTNCW	NCWS[3]		CWS[1]	NTNCW	NCWS[3]		CWS[1]	NTNCW		CWS[1]	NCWS[3]			
Alaska	54	9	2	43															54	694	748
Alabama	33	12	21		27	20	7		41	41			41	41		10	10		152		152
Arkansas	1	1			3	3			2	2									6		6
Arizona	665	387	133	145	218	169	40	9	50	47	3		30	30		10	10		973		973
California	2,520	1,491	321	708	559	422	70	67	211	196	7	8	212	208	4	125	124	1	3,627	540	4,167
Colorado	37	28	8	1	9	8	1		2	2			8	8		4	4		60		60
Washington,D.C.	1	1																	1		1
Delaware					2	2			6	6			2	2		3	3		13		13
Florida	434	384	18	32	193	187	4	2	88	88			100	100		38	38		853	2	855
Georgia	788	644	133	11	231	205	25	1	84	83	1		46	46		16	16		1,165		1,165
Hawaii	51	41	7	3	40	35	3	2	22	22			11	11		3	3		127		127
Iowa	549	439	94	16	356	338	16	2	69	69			20	20		8	8		1,002		1,002
Illinois	624	624			459	459			135	135			76	76		13	13		1,307		1,307
Indiana	146	51	89	6	160	152	8		61	61			39	39		9	9		415		415
Kentucky	267	101	160	6	117	91	25	1	76	76			61	61		4	4		525		525
Louisiana	1	1			1	1			6	6			3	3		2	2		13		13
Massachusetts	12	6	3	3	25	24	1		60	60			97	97		16	16		210	10	220
Maryland	720	323	388	9	201	109	92		49	48	1		22	22		6	6		998		998
Michigan	52	51		1	47	46	1		17	16		1	17	17		6	6		139		139
Minnesota	1,131	444	582	105	315	295	19	1	61	60	1		54	54		2	2		1,563	2	1,565
Missouri	1	1			6	6			50	50			24	24		3	3		84	1	85
Mississippi	62	53	9		92	86	6		29	28	1		22	22		1	1		206		206
Montana	470	324	114	32	69	63	6		19	19			5	5		2	2		565		565
North Carolina	177	168	9		62	62			33	33			23	23		3	3		298		298
Nebraska	117	91	21	5	73	71	2		14	14			8	8		2	2		214		214
New Hampshire	125	90	29	6	47	45	2		13	13			14	14		2	2		201		201
New Jersey	1,210	123	800	287	223	69	145	9	54	52	2		50	50		14	14		1,551		1,551
New Mexico	453	355	95	3	116	95	21		26	26			19	19		3	3		617		617
Nevada									7	7			1	1		2	2		10		10
New York	1	1			5	5			1	1			1	1					8	349	357
Ohio	1,852	703	971	178	555	354	183	18	120	117	2	1	102	102		26	26		2,655	2	2,657
South Dakota	225	197	25	3	83	82	1		16	15		1	9	9		2	2		335		335
Tennessee	65	24	35	6	85	75	10		85	85			59	59		12	12		306		306
Texas	26	21	4	1	49	46	3		26	26			13	13		10	10		124		124
Utah	253	181	54	18	95	90			41	41			29	28	1	12	12		430		430
Virgin Islands					1	1	5						2	2					3		3
Vermont	83	72	4	7	35	32	3		9	9			5	5		1	1		133		133
Washington	574	558	6	10	266	264	2		72	72			57	57		9	9		978	14	992
West Virginia	15	13	2		81	79	2		28	28			13	13		2	2		139		139
Wyoming	89	79	8	2	35	34	1		13	13			6	6		2	2		145		145
TOTAL	**13,884**	**8,092**	**4,145**	**1,647**	**4,941**	**4,125**	**704**	**112**	**1696**	**1667**	**18**	**11**	**1,301**	**1,296**	**5**	**383**	**382**	**1**	**22,205**	**1,614**	**23,819**
CROSS-SECTION	**13,365**	**7,675**	**4,067**	**1,623**	**4,546**	**3,749**	**685**	**112**	**1454**	**1427**	**17**	**10**	**1,084**	**1,079**	**5**	**331**	**330**	**1**	**20,780**	**1,254**	**22,034**

1. CWS= Community Water System
2. NTNCWS= Non-Transient Non-Community Water System
3. NCWS= Non-Community Water System-Transients
4. A total of 1,614 systems in the URCIS (Round 1) database do not contain population data and, therefore, the population size categories could not be determined for these systems.

IV.B. SDWIS/FED (Round 2) Data Coverage

A descriptive overview of the Round 2 data is presented in a series of tables to provide additional insight and perspective on the results. Table IV.B.1 shows data elements included in SDWIS/FED for the Round 2 UCM (1993) list contaminants, and Tables IV.B.2 to IV.B.7 characterize the data as based on number of records, number of systems, source water type, system type, records by year and month, and system size (population-served). As noted, after the initial data management and editing, 4.21 million records were available for analysis from over 33,000 PWSs in the 35 states/entities. The 20 SDWIS/FED Round 2 state cross-section totals 3.69 million records from slightly more than 27,000 PWSs. The Round 2 cross-section states, therefore, contain nearly 88% of all Round 2 state contaminant occurrence data in SDWIS/FED. Summary results for all states, as well as the 20 cross-section states, are included in the following tables. Additionally, several figures (such as Figures VI.B.4.a and VI.B.5.a) present occurrence findings based on data from all states with any data in SDWIS/FED, even including the non-cross-section states. Although these non-cross-section states contain biased data (for example, some non-cross-section states contain analytical records primarily from PWSs with analytical detections), these states can still provide information regarding a broad overview of the presence (or absence) of contaminant detections in PWSs. (By including these "biased states" in some figures, an inadvertent under-assessment of the extent of detections nationally is avoided.)

Table IV.B.1. Data Elements Included in the SDWIS/FED (Round 2) Database

Data Element		Description
PWS Identification Number		Nine digit identification number unique to each public water system
Source Identification Number		Three-digit code to identify the source
Source Water Type		
	Ground water	Ground water or purchased ground water
	Surface water	Surface water, purchased surface water, ground water under the direct influence of
Chemical Abstract Services (CAS) Number		Unique numeric designation used to identify specific chemical compounds
Contaminant Name		Commonly used contaminant name
Contaminant Group		
	IOC	Inorganic Chemicals
	SOC	Synthetic Organic Chemicals
	VOC	Volatile Organic Chemicals
Sample Date		Date sample was collected (years 1992 through 1997)
Analysis Result		Concentration of the sample (measured in micrograms/liter)
Detection Limit Identifier		Code to determine if analysis result is less than the minimum detection limit or
	0	Analytical result concentration is less than the minimum detection limit
	1	Analytical result concentration is greater than the minimum detection limit
Community Type		
	CWS	Community Water System
	NTNC	Non-Transient Non-Community Water System
	NC	Non-Community
Population Served		Population served by the public water system

Table IV.B.2 shows the number and percent of sample records and systems according to source water type: approximately 89% of the systems in the 20-state cross-section are classified as ground water and 11% as using surface water. These source water percentages are essentially the same for the entire data set for all 35 states/entities. These SDWIS/FED (Round 2) data contained systems using "ground water under the direct influence of surface water" (GUDI) as a source definition. The classification used follows the regulatory guidelines: if a system uses any surface water (such as a GUDI), it is classified as a surface water system.

Table IV.B.2. SDWIS/FED (Round 2) Data - Number of Records and Systems by Source Water Type

SOURCE TYPE	RECORDS		SYSTEMS	
	NUMBER	PERCENT	NUMBER	PERCENT
Total - Ground Water	3,479,102	82.6%	30,085	88.9%
Total - Surface Water	732,344	17.4%	3,763	11.1%
TOTAL	**4,211,446**	**100.0%**	**33,848**	**100.0%**
Cross-Section - Ground Water	3,085,266	83.5%	24,199	89.3%
Cross-Section - Surface Water	609,619	16.5%	2,909	10.7%
Cross-Section - TOTAL	**3,694,885**	**100.0%**	**27,108**	**100.0%**

Note: There are a greater number of "Total" and "24 States Total" systems here than in Table VI.B.3 since some water systems have more than one source water type.

Table IV.B.3 shows the number and percent of records and systems by system type. Approximately seventy percent of systems in the 20-state cross-section were coded as a "CWS" (Community Water System) and 30% were coded as "NTNC" (Non-Transient Non-Community Water System). The CWS percent was slightly higher for the entire 35 states/entities data set, and the percent for NTNC correspondingly lower. As discussed earlier in Section II.B.1, systems coded as "NC" (Non-Community Water System) were excluded from these analyses.

Table IV.B.3. SDWIS/FED (Round 2) Data - Number of Records and Systems by System Type

SYSTEM TYPE	RECORDS		SYSTEMS	
	NUMBER	PERCENT	NUMBER	PERCENT
CWS[1]	3,255,222	77.3%	24,357	72.0%
NTNCWS[2]	956,224	22.7%	9,491	28.0%
TOTAL	**4,211,446**	**100.0%**	**33,848**	**100.0%**
Cross-Section - CWS[1]	2,808,341	76.0%	19,055	70.3%
Cross-Section - NTNCWS[2]	886,544	24.0%	8,053	29.7%
Cross-Section - TOTAL	**3,694,885**	**100.0%**	**27,108**	**100.0%**

1. CWS = Community Water System
2. NTNCWS = Non-Transient Non-Community Water System

Note: There are a greater number of "Total" and "24 States Total" systems here than in Table IV.B.2 since some water systems have more than one source water type.

Tables IV.B.4 and IV.B.5 show the distribution of data by years and by month (based on actual sample collection or analysis date). The upper half of each table is for the entire 35 states/entities data set while the lower half is for the 20-state cross-section data. Table IV.B.4 indicates the amount of data annually collected during the 1992-1997 compliance cycle, with a peak of data collection in 1995. And in Table IV.B.5, a fairly uniform distribution of occurrence data by month is shown, suggesting that there should be no inherent seasonal bias in the data.

Table IV.B.4. SDWIS/FED (Round 2) Data - Number of Records by Year and Source Water Type

YEAR	# SURFACE WATER	# GROUND WATER RECORDS	TOTAL # OF RECORDS	% OF TOTAL RECORDS
Total - 1992	39,487	243,426	282,913	6.7%
Total - 1993	130,993	622,010	753,003	17.9%
Total - 1994	130,127	586,066	716,193	17.0%
Total - 1995	144,006	816,442	960,448	22.8%
Total - 1996	157,152	647,717	804,869	19.1%
Total - 1997	130,579	563,441	694,020	16.5%
TOTAL	**732,344**	**3,479,102**	**4,211,446**	**100.0%**
Cross-Section - 1992	33,187	187,558	220,745	6.0%
Cross-Section - 1993	115,859	592,555	708,414	19.2%
Cross-Section - 1994	105,673	504,410	610,083	16.5%
Cross-Section - 1995	112,144	711,443	823,587	22.3%
Cross-Section - 1996	136,182	589,788	725,970	19.6%
Cross-Section - 1997	106,574	499,512	606,086	16.4%
Cross-Section - TOTAL	**609,619**	**3,085,266**	**3,694,885**	**100.0%**

Table IV.B.5. SDWIS/FED (Round 2) Data - Number of Records by Month and Source Water Type

MONTH	# SURFACE WATER RECORDS	# GROUND WATER RECORDS	TOTAL # OF RECORDS	% OF TOTAL RECORDS
Total - January	49,458	254,507	303,965	7.2%
Total - February	60,065	248,888	308,953	7.3%
Total - March	75,004	343,572	418,576	9.9%
Total - April	51,874	284,793	336,667	8.0%
Total - May	58,348	275,219	333,567	7.9%
Total - June	66,500	316,326	382,826	9.1%
Total - July	55,382	296,042	351,424	8.3%
Total - August	65,326	302,726	368,052	8.7%
Total - September	75,206	328,634	403,840	9.6%
Total - October	55,215	289,789	345,004	8.2%
Total - November	55,251	241,581	296,832	7.0%
Total - December	64,715	297,025	361,740	8.6%
TOTAL	**732,344**	**3,479,102**	**4,211,446**	**100.0%**
Cross-Section - January	40,939	221,420	262,359	7.1%
Cross-Section - February	49,405	211,499	260,904	7.1%
Cross-Section - March	65,525	305,597	371,122	10.0%
Cross-Section - April	41,692	257,085	298,777	8.1%
Cross-Section - May	44,374	245,051	289,425	7.8%
Cross-Section - June	55,612	285,159	340,771	9.2%
Cross-Section - July	44,174	262,611	306,785	8.3%
Cross-Section - August	52,087	266,475	318,562	8.6%
Cross-Section -	65,814	293,692	359,506	9.7%
Cross-Section - October	46,113	254,688	300,801	8.1%
Cross-Section -	46,492	213,295	259,787	7.0%
Cross-Section -	57,392	268,694	326,086	8.8%
Cross-Section -	**609,619**	**3,085,266**	**3,694,885**	**100.0%**

Table IV.B.6 summarizes the number of systems by population-served size categories and Table IV.B.7 provides a more detailed, population and system-type stratification of the number of PWSs by state. Population-served information is available for essentially all systems. Eight systems are listed as having a population-served equal to "0", but these constitute only about 0.02% of the total systems represented (and the omission of these system records have insignificant affect on aggregate analyses).

The analytical findings of the occurrence data for the 48 contaminants from the 20 SDWIS/FED Round 2 cross-section states are developed and summarized in Section V of this report.

Table IV.B.6. Total Number of Public Water Systems by State and Population Size Category contained in the SDWIS/FED (Round 2) Database

State	< 500		501-3,300		3,301-10,000		10,001-50,000		>50,000		TOTAL WITH POP DATA	SYSTEMS WITH NO POP DATA[1]	TOTAL	
	Systems	Pop. Served	Systems	Pop. Served	Systems	Pop. Served	Systems	Pop. Served	Systems	Pop. Served			Systems	Pop. Served
Alaska	516	82,449	88	89,197	16	99,948	5	93,565	1	114,909	626		626	480,068
Alabama	232	13,520	128	199,444	80	452,530	45	946,697	6	1,314,000	491		491	2,926,191
Arkansas	245	49,621	230	325,237	72	413,469	24	395,956	6	500,810	577	1	578	1,685,093
Arizona	102	13,779	33	38,611	7	47,595	7	151,900	3	656,523	152		152	908,408
California	5	1,252	7	14,288	11	65,908	20	586,871	25	3,801,723	68		68	4,470,042
Colorado	600	87,645	179	243,936	34	207,337	33	664,762	13	2,373,200	859		859	3,576,880
Connecticut	4	702	34	56,708	18	124,968	22	601,981	9	1,548,582	87		87	2,332,941
Indiana	77	12,026	22	29,566	18	100,284	9	210,465	2	170,318	128		128	522,659
Kentucky	304	36,175	110	181,895	75	444,806	55	1,126,179	5	1,278,206	549		549	3,067,261
Louisiana	944	132,904	425	642,165	132	745,184	49	908,659	15	2,233,197	1,565		1,565	4,662,109
Massachusetts	280	36,200	88	114,886	67	435,505	92	2,252,879	16	2,990,361	543		543	5,829,831
Maryland	780	116,705	210	237,585	31	167,560	21	480,423	7	4,019,601	1,049	2	1,051	5,021,874
Maine	714	79,877	118	150,203	19	105,646	12	226,155	1	113,560	864		864	675,441
Michigan	10,098	368,683	659	611,150	90	477,254	50	1,026,615	16	2,194,717	10,913		10,913	4,678,419
Minnesota	1,144	143,991	361	469,447	61	342,925	56	1,174,498	12	1,532,855	1,634		1,634	3,663,716
Missouri	959	145,609	377	510,668	95	541,291	34	653,463	7	972,276	1,472		1,472	2,823,307
Mississippi	399	87,494	639	870,441	112	586,717	38	814,699	1	205,895	1,189		1,189	2,565,246
North Carolina	1,747	254,268	384	477,007	94	537,119	76	1,551,578	17	2,281,321	2,318		2,318	5,101,293
North Dakota	190	30,785	90	123,068	7	42,024	8	208,201	1	74,111	296		296	478,189
New Hampshire	726	85,760	101	111,804	15	87,062	11	212,831	2	208,000	855		855	705,457
New Jersey	13	1,530	4	6,700	0	0	1	20,000	0	0	18		18	28,230
New Mexico	575	88,107	135	164,972	25	154,164	17	386,299	3	572,900	755	1	756	1,366,442
Ohio	1,882	236,040	543	648,312	127	795,018	111	2,310,695	28	5,233,485	2,691		2,691	9,223,550
Oklahoma	529	84,271	300	425,444	67	391,360	33	722,050	8	1,460,880	937		937	3,084,005
Oregon	941	128,271	180	264,102	34	205,788	36	741,645	6	949,930	1,197		1,197	2,289,736
Pennsylvania	649	117,468	541	726,644	140	828,059	98	2,184,747	29	5,932,445	1,457		1,457	9,789,363
Rhode Island	99	11,267	13	16,051	6	28,418	9	269,020	3	435,551	130		130	760,307
South Carolina	805	93,828	183	250,076	53	322,170	40	891,882	8	1,074,883	1,089		1,089	2,632,839
South Dakota	13	1,585	9	14,042	5	24,504	1	17,592	0	0	28	1	29	57,723
Tennessee	10	2,102	27	45,058	23	131,093	15	279,173	3	335,205	78		78	792,631
Tribes	9	2,680	13	23,663	5	29,563	0	0	0	0	27		27	55,906
Texas	3,904	455,733	1,458	2,043,889	404	2,191,545	165	3,428,011	44	10,054,831	5,975	5	5,980	18,174,009
Vermont	514	73,516	94	122,789	23	130,636	7	133,820	1	56,000	639		639	516,761
Washington	2,694	269,080	410	493,377	89	502,421	80	1,839,251	14	1,983,113	3,287		3,287	5,087,242
Wisconsin	82	14,931	122	159,230	16	86,342	19	371,826	8	1,209,416	247		247	1,841,745
TOTAL	**32,785**	**3,359,854**	**8,315**	**10,901,655**	**2,071**	**11,846,213**	**1,299**	**27,884,388**	**320**	**57,882,804**	**44,790**	**10**	**44,800**	**111,874,914**
CROSS-SECTION	**28,927**	**2,790,537**	**6,034**	**7,702,230**	**1,428**	**8,170,660**	**928**	**19,764,076**	**210**	**39,344,617**	**37,527**	**9**	**37,536**	**77,772,120**

1. A total of 10 systems in the URCIS (Round 1) database do not contain population-served information. Population-served information was also not available for those systems in the 1999 Needs Survey (Cadmus, 1998), and therefore, the population size categories could not be determined for these systems.
Note: The total number of systems is different from the totals in Table IV.B.2 since some systems have more than one source type.

Table IV.B.7. Number of Public Water Systems by State, System Type and Population Size Category contained in the SDWIS/FED (Round 2) Database

STATE	Population Size Category (Population Served by System)															SYSTEMS WITH POP DATA[3]	SYSTEMS WITH NO POP DATA[4]	TOTAL SYSTEMS
	< 500			501 - 3,300			3,301 - 10,000			10,001 - 50,000			> 50,000					
	TOTAL	System Type		TOTAL	System Type		TOTAL	System Type		TOTAL	System Type		TOTAL	System Type				
		CWS[1]	NTNCWS[2]		CWS[1]	NTNCWS[2]		CWS[1]	NTNCWS[2]		CWS[1]	NTNCWS[2]		CWS[1]	NTNCWS[2]			
Alaska	515	515		88	88		16	16		5	5		1	1		625		625
Alabama	59	23	36	124	107	17	80	80		45	45		6	6		314		314
Arkansas	244	172	72	230	221	9	72	70	2	24	24		6	6		576	1	577
Arizona	76	56	20	30	25	5	7	6	1	7	7		3	3		123		123
California	4	4		7	7		11	11		20	19	1	25	25		67		67
Colorado	580	465	115	173	159	14	34	32	2	33	32	1	13	13		833		833
Connecticut	4	4		34	34		18	18		22	22		9	9		87		87
Indiana	69	21	48	22	17	5	18	18		9	9		2	2		120		120
Kentucky	203	95	108	107	89	18	75	75		55	55		5	5		445		445
Louisiana	781	627	154	419	372	47	130	130		49	49		15	15		1,394		1,394
Massachusetts	247	132	115	84	48	36	67	67		92	92		16	16		506		506
Maryland	745	340	405	209	106	103	31	30	1	21	21		7	7		1,013	2	1,015
Maine	599	271	328	114	87	27	19	19		12	12		1	1		745		745
Michigan	2,551	845	1,706	515	335	180	82	79	3	49	48	1	12	11	1	3,209		3,209
Minnesota	1,093	452	641	359	307	52	61	60	1	56	56		12	12		1,581		1,581
Missouri	923	726	197	375	332	43	95	94	1	34	34		7	7		1,434		1,434
Mississippi	367	306	61	638	589	49	111	109	2	38	37	1	1	1		1,155		1,155
North Carolina	1,693	1,245	448	383	269	114	94	93	1	76	76		17	17		2,263		2,263
North Dakota	190	147	43	90	89	1	7	7		8	8		1	1		296		296
New Hampshire	720	436	284	101	57	44	15	15		11	11		2	2		849		849
New Jersey	12		12	4		4	0			1	1		0			17		17
New Mexico	574	443	131	135	109	26	25	25		17	17		3	3		754	1	755
Ohio	1,487	597	890	506	358	148	127	125	2	111	111		28	28		2,259		2,259
Oklahoma	480	334	146	300	294	6	67	66	1	33	33		8	8		888		888
Oregon	912	596	316	180	153	27	34	34		36	36		6	6		1,168		1,168
Pennsylvania	619	388	231	539	372	167	139	136	3	98	98		29	29		1,424		1,424
Rhode Island	86	39	47	13	6	7	6	5	1	9	9		3	3		117		117
South Carolina	764	467	297	182	131	51	53	51	2	40	39	1	8	8		1,047		1,047
South Dakota	11	11		9	9		5	5		1	1		0			26	1	27
Tennessee	10	10		27	27		23	23		15	15		3	3		78		78
Tribes	8	8		13	13		5	5		0			0			26		26
Texas	2,843	2,138	705	1,407	1,265	142	401	395	6	165	164	1	44	44		4,860	3	4,863
Vermont	512	313	199	93	80	13	23	23		7	7		1	1		636		636
Washington	2,130	1,849	281	371	320	51	86	85	1	79	79		14	14		2,680		2,680
Wisconsin	62	51	11	120	120		16	16		19	19		8	8		225		225
TOTAL	**22,173**	**14,126**	**8,047**	**8,001**	**6,595**	**1,406**	**2,053**	**2,023**	**30**	**1,297**	**1,291**	**6**	**316**	**315**	**1**	**33,840**	**8**	**33,848**
CROSS-SECTION	**18,815**	**11,837**	**6,978**	**5,740**	**4,692**	**1,048**	**1,414**	**1,392**	**22**	**926**	**923**	**3**	**206**	**205**	**1**	**27,101**	**7**	**27,108**

1. CWS= Community Water System
2. NTNCWS= Non-Transient Non-Community Water System
3. The values in this column indicate the number of PWSs that have population-served information. Although some PWS records contained no population served information, the missing population-served values were acquired from the more complete population records of the 1999 Needs Survey, (Cadmus, 1998).
4. This column indicates the number of PWSs for which no population-served information is contained in SDWIS/FED or the 1999 Needs Survey (Cadmus, 1998), and therefore population size categories for these systems could not be determined.

IV.C. Comparison of Data Coverage of URCIS (Round 1) and SDWIS/FED (Round 2)

The URCIS (Round 1) and SDWIS/FED (Round 2) data were evaluated to determine if comparable states, public water systems, and contaminants are contained in both databases. As previously noted, URCIS contained data from 40 states/territories and SDWIS/FED contained data from 35 states/territories.

Table IV.C.1 lists the states in URCIS (Round 1) and SDWIS/FED (Round 2), highlighting the states common to both. Although 25 states are common to both Rounds 1 and 2, most of these states could not be considered for this analysis because of data quality issues (see Table II.A.1.a and Table II.B.1.a). Many states reported analytical results from a very low proportion of systems, reported results in mixed units, and/or reported only analytical detections (highly censored reporting) in Round 1 and/or Round 2.

Of the 25 states in both URCIS (Round 1) and SDWIS/FED (Round 2) (highlighted in Table IV.C.1), only 8 were determined to be sufficiently complete for use in this comparison analysis. Alaska, Kentucky, Maryland, Minnesota, North Carolina, New Mexico, Ohio, and Washington (in bold in Table IV.C.1) were contained in both databases and have data of adequate quality for analyses and comparisons.

Table IV.C.1. States Common to both URCIS (Round 1) and SDWIS/FED (Round 2)

States/ Tribes/ Territories	URCIS (Round 1)		SDWIS/FED (Round 2)	
	24 Cross-Section States (used in comparison)	16 Other States (not used in comparison)	20 Cross-Section States (used in comparison)	15 Other States (not used in comparison)
Alaska	T		T	
Alabama	T			V
Arkansas		V	T	
American Samoa				
Arizona	T			V
California	T			V
Colorado		V	T	
Connecticut				V
Washington, D.C.		V		
Delaware		V		
Florida	T			
Georgia	T			
Guam				
Hawaii	T			
Iowa	T			
Idaho				
Illinois	T			
Indiana	T			V
Kansas				
Kentucky	T		T	
Louisiana		V		V
Massachusetts		V	T	
Maryland	T		T	
Maine			T	
Michigan		V	T	
Minnesota	T		T	

States/ Tribes/ Territories	URCIS (Round 1)		SDWIS/FED (Round 2)	
	24 Cross-Section States (used in comparison)	16 Other States (not used in comparison)	20 Cross-Section States (used in comparison)	15 Other States (not used in comparison)
Missouri		V	T	
Marianna Islands				
Mississippi		V		V
Montana	T			
North Carolina	T		T	
North Dakota			T	
Nebraska		V		
New Hampshire		V	T	
New Jersey	T			V
New Mexico	T		T	
Nevada		V		
New York		V		
Ohio	T		T	
Oklahoma			T	
Oregon			T	
Pennsylvania				V
Puerto Rico				
Rhode Island			T	
South Carolina				V
South Dakota	T			V
Tennessee	T			V
Tribes				V
Texas		V	T	
Utah	T			
Virginia				
Virgin Islands		V		
Vermont		V		V
Washington	T		T	
Wisconsin				V
West Virginia	T			
Wyoming	T			
States in Both Round 1 and Round	**15**	**10**	**15**	**10**

Highlighted states are common to both URCIS (Round 1) and SDWIS/FED (Round2).
T- States with data of adequate quality, used for comparison.
V- States with poor or incomplete data, not used for comparison.
Bold states have data of adequate quality in both URCIS (Round 1) and SDWIS/FED (Round2) for comparison

In addition to the states that have data in both URCIS and SDWIS/FED databases, a determination was made regarding actual PWSs that are common to both databases. Table IV.C.2 illustrates the small percentage of systems common to both Round 1 and Round 2. Thirty-one percent of all PWSs in Round 1 are also in Round 2, while only 22% of all Round 2 PWSs are common to both rounds. This is, in part, because there are many more systems reporting analytical results in Round 2 than in Round 1.

Michigan, for example, has only 139 systems in Round 1, and 123 of those systems (88%) are also in Round 2. In Round 2, Michigan has a total of 3,209 systems. Of these Round 2 systems, only 123 (approximately 4%) are in Round 1. The number of PWSs in Alaska are problematic because the PWSIDs from Round 1 do not match the PWSIDs in Round 2. A few states do have a higher

percentage of systems common to both rounds. Kentucky, Maryland, Minnesota, New Mexico, and Ohio each have over 70% of their total number of systems common to both Round 1 and Round 2. Coincidently, these are five of the states used for the comparison of occurrence data in states common in Round 1 and Round 2, which makes this analysis more representative for comparison of the states for select contaminants.

Table IV.C.2. URCIS (Round 1) and SDWIS/FED (Round 2) - Reporting Data in Comparison of Public Water Systems

States/ Tribes/ Territories	Number of Duplicate PWSs	Number of PWSs in URCIS (Round 1)	% URCIS (Round 1) PWSs in SDWIS/FED (Round 2)	Number of PWSs in SDWIS/FED (Round 2)	% SDWIS/FED (Round 2) PWSs in URCIS (Round 1)
Alaska	0	748	0%	625	0%
Alabama	55	152	36%	314	18%
Arkansas	6	6	100%	577	1%
American Samoa	0	0	0%	0	0%
Arizona	123	973	13%	123	100%
California	67	4,167	2%	67	100%
Colorado	54	60	90%	833	6%
Connecticut	0	0	0%	87	0%
Washington, D.C.	0	1	0%	0	0%
Delaware	0	13	0%	0	0%
Florida	0	855	0%	0	0%
Georgia	0	1,165	0%	0	0%
Guam	0	0	0%	0	0%
Hawaii	0	127	0%	0	0%
Iowa	0	1,002	0%	0	0%
Idaho	0	0	0%	0	0%
Illinois	0	1,307	0%	0	0%
Indiana	120	415	29%	120	100%
Kansas	0	0	0%	0	0%
Kentucky	395	525	75%	445	89%
Louisiana	13	13	100%	1,394	1%
Massachusetts	165	220	75%	506	33%
Maryland	820	998	82%	1,015	81%
Maine	0	0	0%	745	0%
Michigan	123	139	88%	3,209	4%
Minnesota	1,305	1,565	83%	1,581	83%
Missouri	81	85	95%	1,434	6%
Marianna Islands	0	0	0%	0	0%
Mississippi	177	206	86%	1,155	15%
Montana	202	565	0%	0	0%
North Carolina	0	298	0%	2,263	0%
North Dakota	0	0	0%	296	0%
Nebraska	0	214	0%	0	0%
New Hampshire	144	201	72%	849	17%
New Jersey	16	1,551	1%	17	94%
New Mexico	538	617	87%	755	71%
Nevada	0	10	0%	0	0%
New York	0	357	0%	0	0%

States/ Tribes/ Territories	Number of Duplicate PWSs	Number of PWSs in URCIS (Round 1)	% URCIS (Round 1) PWSs in SDWIS/FED (Round 2)	Number of PWSs in SDWIS/FED (Round 2)	% SDWIS/FED (Round 2) PWSs in URCIS (Round 1)
Ohio	1,880	2,657	71%	2,259	83%
Oklahoma	0	0	0%	888	0%
Oregon	0	0	0%	1,168	0%
Pennsylvania	0	0	0%	1,424	0%
Puerto Rico	0	0	0%	0	0%
Rhode Island	0	0	0%	117	0%
South Carolina	0	0	0%	1,047	0%
South Dakota	25	335	7%	27	93%
Tennessee	50	306	16%	78	64%
Tribes	0	0	0%	26	0%
Texas	116	124	94%	4,863	2%
Utah	0	430	0%	0	0%
Virginia	0	0	0%	0	0%
Virgin Islands	0	3	0%	0	0%
Vermont	113	133	85%	636	18%
Washington	878	992	89%	2,680	33%
Wisconsin	0	0	0%	225	0%
West Virginia	0	139	0%	0	0%
Wyoming	0	145	0%	0	0%
TOTAL	**7,466**	**23,819**	**31%**	**33,848**	**22%**

Comparisons of contaminants in Round 1 and Round 2 indicated that there were no common IOCs (Group 1) or SOCs (Regulated or Group 2) reported in both databases. In contrast, all of the unregulated Group 3 and Group 4 VOCs reported in Round 2 were also reported in Round 1. None of the regulated VOCs reported in Round 1, however, were reported in Round 2. (The contaminants are listed in Table I.B.1 and I.B.2.) Note that these comparisons serve only to highlight the degree of overlap (or lack of overlap) between the Round 1 and Round 2 data. (Representative balance across pollution potential indicators or geography likely does not remain in these 8 states and small number of PWSs common to both Rounds 1 and 2).

The tables in Appendix C contain similar summary data as those contained in Appendices A and B. The total number of analytical records from Round 1 to Round 2 generally increased for all 8 states and all contaminants, with the exception of Kentucky. The number of total unique PWSs increased from Round 1 to Round 2 for North Carolina, New Mexico, and Washington, while the number of PWSs decreased from Round 1 to Round 2 in Alaska, Kentucky, Maryland, and Ohio for most of the 11 contaminants. The number of PWSs in Minnesota remained consistent from Round 1 and Round 2.

Changes in the percentages of samples and percentage of PWSs with at least one analytical result greater than the MRL followed no consistent pattern, either by contaminant or by state. The percentage of PWSs with at least one analytical result exceeding the concentration of the HRL (or ½ HRL) also followed no apparent or consist pattern between Round 1 and Round 2.

IV.D. Comparison of Data Coverage Across Systems Types and Sizes

Data for select contaminants were also evaluated based on system type and system size. Both the URCIS (Round 1) and SDWIS/FED (Round 2) data are summarized according to system type (community water systems and non-transient non-community water systems) and further stratified by system size (based on the five standard population-served categories). The summary data for these

comparisons are presented in Appendix D (Tables D1-D14 for results from URCIS (Round 1) and Tables D15-D33 for results from SDWIS/FED (Round 2)). These stratified occurrence findings allow an evaluation of any system size patterns and also provide an indication of population exposure.

Generally, for both Round 1 and 2 data, the percentage of public water systems with analytical results greater than the MRL and the HRL increases as the system size (population-served) increases. Also, it appears that the percentage of public water systems with analytical results greater than the MRL and the HRL is generally greater for community water systems than for non-transient non-community water systems. Note that there is a much greater number of CWSs than NTNCWSs in the database.

V. ANALYSIS OF NATIONAL OCCURRENCE

In this section of the report, general summaries of contaminant occurrence based on data from URCIS (Round 1) and the SDWIS/FED (Round 2) are presented. For select high occurrence contaminants, more detailed occurrence assessments are included in Section VI. Generally, these results, based on representative cross-sections, suggest national occurrence characteristics. For example, since the data used to generate the summary statistics in Table V.A.1. are from the URCIS (Round 1) 24-state (representative) cross-section, the percentage results (such as "%PWSs >MRL" for a particular contaminant) can be interpreted as what percent of PWSs nationally might be expected to have at least one analytical result greater than the detection limit. These summary statistics can provide broad characterizations of the degree of occurrence (e.g., is a particular contaminant found in PWSs above the MRL or above a higher reference threshold?) and relative levels of occurrence (e.g., is one contaminant found above the MRL in a higher or lower percentage of PWSs when compared to another contaminant?). Although these occurrence assessments can enable preliminary conclusions about the degree or relative levels of contaminant occurrence, the limitations of the underlying databases and cross-sections do not enable definitive conclusions regarding any geographic patterns of occurrence (this will be briefly discussed below).

To conduct these assessments, contaminant occurrence was evaluated relative to various contaminant concentration thresholds, with thresholds chosen as reference points for analysis (e.g., % PWSs > threshold, or % PWSs > ½ threshold). Whenever possible, contaminants were analyzed relative to their Maximum Contaminant Level (MCL). Four contaminants were analyzed relative to the Health Advisory Levels (HALs) in place when the analyses were conducted for this report. Another group of contaminants were analyzed relative to Health Reference Levels (HRLs), which were simply reference levels established only for these preliminary occurrence assessments. MCLs, HALs, and HRLs are used only to facilitate the occurrence assessments for this report.

The summary data developed for the occurrence assessments in this report are presented in detail in Appendices A, B, C, and D. Appendix A contains summary tables for the 62 URCIS (Round 1) contaminant data. Appendix B contains summary tables for the 48 SDWIS/FED (Round 2) contaminant data. In Appendix C, data coverage comparisons between URCIS (Round 1) and SDWIS/FED (Round 2) data are presented for select states and contaminants. Data summaries of select contaminants by system type and population-served for both URCIS (Round 1) and SDWIS/FED (Round 2) data are presented in Appendix D.

V.A. URCIS (Round 1) Contaminant Occurrence

The development of URCIS (Round 1) 24 cross-section states are described in detail in Section III of this report, and these 24 cross-section states are included in Figure III.B.2. Table V.A.1 summarizes the occurrence data of the URCIS (Round 1) 24-state cross-section for the 62 contaminants. The table presents the total number of unique public water systems, the percent of public water systems with at least one monitoring sample analytical result greater than the Minimum Reporting Level (MRL), the percent of public water systems with at least one result greater than the estimated Health Reference Level (HRL) and, finally, the 99th percentile value in micrograms per liter (Fg/L). More detailed assessment of occurrence findings will be presented in Section VI, but some general observations are made here based on the findings presented in Table V.A.1.

The 24 states used in the URCIS (Round 1) cross-section reflect a significant national coverage: these states contain approximately 44% of public water systems nationally and 51% of the population served by public water systems. For the majority of contaminants evaluated here, 35 out of 62, less than 1% of public water systems in the cross-section states have analytical detections (any sample analytical result greater than the MRL) (see Table V.A.1.). Another 16 contaminants are detected in 1 to 2% of public water systems, as evidenced by one or more sample analytical results greater than the MRL, and 7 contaminants are detected in 2 to 4% of public water systems, as evidenced by one or more sample analytical results greater than the MRL. Four contaminants –all THMs– have a considerably higher percent of systems (ranging from 9.01% to 28.84%) with at least one sample analytical result greater than the MRL. THMs are known to have relatively high occurrence. Other reports assess the occurrence of the THMs specifically, therefore they are not selected as contaminants to be further assessed in this report. Select URCIS (Round 1) high occurrence contaminants are identified and assessed in more detail in Section VI.

Table V.A.1. URCIS (Round 1) Data - 24-State Cross-Section Summary of Occurrence

CHEMICAL NAME (Threshold in µg/L)	Total # PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > Threshold	% GW PWS > Threshold	% SW PWS > Threshold	99% Value (µg/L)
SOCs										
Dibromochloropropane (MCL=0.2)	12,827	11,446	1,511	2.49%	2.51%	2.32%	1.32%	1.35%	0.99%	1.03
Ethylene Dibromide[1] (MCL=0.05)	11,450	10,274	1,284	1.14%	1.01%	2.10%	0.16%	0.12%	0.47%	0.01
VOCs										
Benzene (MCL=5)	14,910	13,919	1,119	1.14%	1.11%	5.18%	0.25%	0.25%	0.27%	< 2.0
Bromobenzene (N/A)	16,450	14,862	1,726	0.19%	0.14%	0.64%	N/A			< 2.0
Bromochloromethane (MCL=10)	12,881	11,576	1,386	0.50%	0.44%	1.08%	0.03%	0.03%	0.07%	< 1.0
Bromodichloromethane (HRL=60)	20,024	17,917	2,324	22.09%	14.84%	79.69%	0.13%	0.04%	0.86%	22.00
Bromoform (HRL=400)	19,582	17,773	1,979	9.01%	7.56%	22.13%	0.01%	0.01%	0.00%	7.32
Bromomethane (MCL=10)	20,198	18,472	1,886	0.77%	0.71%	1.22%	0.09%	0.08%	0.16%	< 4.0
Carbon Tetrachloride (MCL=5)	15,266	14,176	1,214	1.32%	1.09%	3.95%	0.16%	0.15%	0.25%	1.60
Chlorobenzene (MCL=100)	20,038	18,337	1,859	0.53%	0.26%	3.17%	0.00%	0.00%	0.00%	< 1.0
Chloroethane (N/A)	20,236	18,507	1,882	0.39%	0.29%	1.33%	N/A			< 2.0

CHEMICAL NAME (Threshold in µg/L)	Total # PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > Threshold	% GW PWS > Threshold	% SW PWS > Threshold	99% Value (µg/L)
Chloroform (HRL=600)	20,039	17,874	2,385	28.84%	21.69%	84.40%	0.02%	0.01%	0.17%	87.00
Chloromethane (MCL=3)	20,246	18,513	1,894	1.22%	1.11%	2.27%	0.45%	0.41%	0.84%	< 4.0
cis-1,2-Dichloroethene (MCL=70)	16,705	15,026	1,832	1.47%	1.45%	1.53%	0.03%	0.03%	0.00%	2.18
cis-1,2-Dichloropropene (N/A)	9,211	8,438	836	0.61%	0.52%	1.44%	N/A			< 1.0
Dibromochloromethane (HRL=60)	19,750	17,785	2,158	18.01%	12.41%	64.55%	0.06%	0.02%	0.32%	12.70
Dibromomethane (N/A)	16,549	14,953	1,720	0.36%	0.21%	1.69%	N/A			< 2.0
Dichlorodifluoromethane (MCL=1,000)	16,076	14,617	1,588	1.37%	1.38%	1.39%	0.00%	0.00%	0.00%	0.50
1,1-Dichloroethane (MCL=5)	20,483	18,758	1,876	1.14%	1.09%	1.55%	0.18%	0.16%	0.37%	0.10
1,2-Dichloroethane (MCL=5)	15,282	14,192	1,215	1.16%	1.10%	1.73%	0.19%	0.17%	0.41%	< 5.0
Dichloroethene (MCL=7)	15,430	14,180	1,380	1.17%	1.06%	1.45%	0.20%	0.20%	0.22%	1.80
Dichloromethane (MCL=5)	19,287	17,602	1,836	4.05%	3.31%	11.06%	0.77%	0.52%	3.27%	1.30
1,2-Dichloropropane (MCL=5)	19,591	17,908	1,820	0.67%	0.66%	0.77%	0.08%	0.09%	0.00%	< 4.0
1,3-Dichloropropane (N/A)	16,947	15,338	1,748	0.12%	0.12%	0.11%	N/A			< 1.0
2,2-Dichloropropane (N/A)	16,757	15,138	1,754	0.15%	0.14%	0.23%	N/A			< 2.0
1,1-Dichloropropene (N/A)	16,947	15,332	1,749	0.13%	0.10%	0.40%	N/A			< 1.0
1,3- Dichloropropene (HRL=40)	9,164	8,303	898	0.16%	0.12%	0.56%	0.00%	0.00%	0.00%	< 1.0
Ethyl Benzene (MCL=700)	20,081	18,355	1,884	1.62%	1.40%	3.66%	0.00%	0.00%	0.00%	< 5.0
Hexachlorobutadiene (HRL=0.9)	12,284	10,980	1,385	0.35%	0.30%	0.72%	0.11%	0.06%	0.51%	< 5.0
Isopropylbenzene (N/A)	12,771	11,480	1,359	0.27%	0.28%	0.22%	N/A			< 2.0
m-Dichlorobenzene (HAL=600)	20,429	18,752	1,819	0.25%	0.20%	0.77%	0.00%	0.00%	0.00%	< 5.0
m-Xylene (N/A)	11,329	10,145	1,276	1.55%	1.47%	2.12%	N/A			< 4.0
n-Butylbenzene (N/A)	12,763	11,471	1,371	0.35%	0.29%	0.88%	N/A			< 2.0
n-Propylbenzene (N/A)	12,724	11,440	1,363	0.33%	0.34%	0.22%	N/A			< 2.0
Naphthalene (HRL=140)	13,452	12,034	1,502	1.18%	1.08%	1.93%	0.01%	0.02%	0.00%	< 5.0
o-Chlorotoluene (MCL=100)	15,721	14,154	1,702	0.20%	0.16%	0.53%	0.00%	0.00%	0.00%	< 1.0
o-Dichlorobenzene (MCL=600)	19,953	18,300	1,795	0.28%	0.20%	1.00%	0.00%	0.00%	0.00%	< 5.0
o-Xylene (N/A)	13,987	12,638	1,450	1.76%	1.69%	2.41%	N/A			< 5.0
p-Chlorotoluene (MCL=100)	15,612	14,057	1,689	0.17%	0.15%	0.36%	0.00%	0.00%	0.00%	< 1.0
p-Dichlorobenzene (MCL=750)	15,494	14,284	1,334	1.25%	1.11%	2.70%	0.00%	0.00%	0.00%	< 4.4
p-Isopropyltoluene (N/A)	12,167	10,953	1,282	0.25%	0.26%	0.08%	N/A			< 2.0
p-Xylene (N/A)	10,127	8,956	1,230	1.58%	1.49%	2.36%	N/A			< 5.0
sec-Butylbenzene (N/A)	12,343	11,071	1,337	0.23%	0.23%	0.22%	N/A			< 2.0

CHEMICAL NAME (Threshold in µg/L)	Total # PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > Threshold	% GW PWS > Threshold	% SW PWS > Threshold	99% Value (µg/L)
Styrene (MCL=100)	16,623	14,938	1,832	0.57%	0.45%	1.53%	0.00%	0.00%	0.00%	< 2.0
tert-Butylbenzene (N/A)	12,353	11,081	1,337	0.19%	0.19%	0.22%	N/A			< 2.0
1,1,1,2- Tetrachloroethane (HAL=70)	16,956	15,338	1,753	0.18%	0.13%	0.63%	0.00%	0.00%	0.00%	< 1.0
1,1,2,2-Tetrachloroethane (HAL=2)	20,407	18,693	1,867	0.45%	0.39%	1.02%	0.05%	0.05%	0.11%	< 1.0
Tetrachloroethylene (MCL=5)	19,814	18,298	1,652	3.33%	3.38%	2.66%	0.91%	0.93%	0.67%	13.2
Toluene (MCL=100)	20,089	18,364	1,887	3.50%	3.10%	7.31%	0.00%	0.00%	0.00%	0.7
trans-1,2-Dichloroethene (MCL=100)	19,945	18,267	1,825	0.64%	0.59%	1.10%	0.01%	0.01%	0.00%	< 1.0
trans-1,3-Dichloropropene (N/A)	9,883	9,017	959	0.25%	0.13%	1.36%	N/A			< 1.0
1,2,3-Trichlorobenzene (N/A)	12,876	11,567	1,389	0.49%	0.46%	0.72%	N/A			< 5.0
1,2,4-Trichlorobenzene (MCL=70)	13,449	11,996	1,539	0.49%	0.45%	0.78%	0.00%	0.00%	0.00%	< 5.0
1,1,1-Trichloroethane (MCL=200)	15,279	14,191	1,213	3.66%	3.57%	4.62%	0.03%	0.03%	0.00%	3.7
1,1,2-Trichloroethane (MCL=5)	19,964	18,253	1,853	0.43%	0.29%	1.78%	0.04%	0.02%	0.16%	< 1.0
Trichloroethylene (MCL=5)	15,290	14,198	1,220	3.54%	3.37%	5.66%	0.98%	1.00%	0.66%	20.8
Trichlorofluoromethane (HAL=175)	16,851	15,347	1,637	1.48%	1.39%	2.32%	0.01%	0.01%	0.00%	0.6
1,2,3-Trichloropropane (MCL=40)	17,392	15,771	1,758	0.25%	0.25%	0.23%	0.01%	0.01%	0.00%	< 2.0
1,2,4-Trimethylbenzene (N/A)	12,755	11,462	1,372	0.83%	0.76%	1.38%	N/A			< 2.0
1,3,5-Trimethylbenzene (N/A)	12,671	11,379	1,370	0.61%	0.59%	0.66%	N/A			< 2.0
Vinyl Chloride (MCL=2)	15,184	14,099	1,209	0.50%	0.44%	1.24%	0.28%	0.23%	0.83%	< 2.0
Xylenes (Total) (MCL=10,000)	9,463	8,841	670	3.04%	2.51%	10.75%	0.00%	0.00%	0.00%	0.6

[1] The high occurrence of Ethylene Dibromide are, in part, considered false positives related to analytical methods problems.

MCL=Maximum Contaminant Level
HAL=Health Advisory Level (as of December 2000)
HRL=Health Reference Level (concentration values used only as reference levels for analyses in this report)
MRL=Minimum Reporting Level

The MCL, HAL, HRL, and MRL values are used in this report only as reference levels to facilitate occurrence assessments.

"% PWS > Threshold" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL/MCL/HAL. (Note that results for % PWSs greater than an MCL value does not indicate a MCL violation. A formal MCL violation occurs when the MCL is exceeded by the average of four consecutive quarterly samples or confirmation samples as required by the primacy States.)

N/A= There is no HRL/MCL/HAL available

A complete presentation of the occurrence data for all 62 contaminants in URCIS (Round 1) is provided in Appendix A. There is a set of 3 tables of occurrence data for each of the 62 contaminants. The first appendix table of each set (Tables A.1.a, A.2.a, A.3.a, etc., through A.62.a) contains the system-level summary data presented in Table V.A.1 (above), but present the data for all individual states (rather than just the aggregated data from the 24 states in the cross-section included above in Table V.A.1). Tables A.1.b through A.62.b provide sample-level data and additional descriptive statistics, including the total number of analyses and the percent of samples with at least one result greater than the

MRL. These tables also include the minimum concentration, 99th percentile value, maximum concentration, minimum detection concentration and median detection concentration. Tables A.1.c through A.62.c provide similar detailed analytical measures, but provide system-level statistics (as compared to the sample-level statistics in Tables A.1.b through A.62.b).

V.B. SDWIS/FED (Round 2) Contaminant Occurrence

The SDWIS/FED (Round 2) 20 cross-section states were developed in Section III and are identified in Figure III.B.2.b. Table V.B.1 summarizes the occurrence data of the SDWIS/FED (Round 2) 20 cross-section states for the 48 Round 2 contaminants. This table presents the total number of unique public water systems, the percent of public water systems with at least one result greater than the Minimum Reporting Level (MRL), the percent of public water systems with at least one result greater than the Health Reference Level (HRL) and, finally, the 99th percentile value in micrograms per liter (Fg/L). Some general observations based on Table V.B.1 are made here, with additional assessments of occurrence findings presented later in this section.

The 20 states used in the SDWIS/FED (Round 2) cross-section reflect a significant national coverage: these states contain approximately 41% of public water systems nationally and 34% of the population served by public water systems. For a significant majority of the contaminants evaluated here, 40 out of 48, less than 1% of public water systems in the cross-section states have analytical detections (any sample analytical result greater than the MRL). Two contaminants (dichlorodifluoromethane and trichlorofluoromethane) are detected in 1 to 2% of public water systems, as evidenced by one or more sample analytical results greater than the MRL, and 1 contaminant (chloromethane) is detected in 2.25% of public water systems, as evidenced by one or more sample analytical results greater than the MRL. Five contaminants –4 THMs and sulfate– have a considerably higher percent of systems with one or more sample analytical results greater than the MRL (ranging from 12.12% to 27.42% for the THMs and 88.11% for sulfate). These contaminants are known to have relatively high occurrence. Select SDWIS/FED (Round 2) high occurrence contaminants are identified and assessed in more detail in Section VI.

Table V.B.1. SDWIS/FED (Round 2) Data - 20-State Cross-Section Summary of Occurrence

CHEMICAL NAME (Threshold in µg/L)	Total PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS	% SW PWS	% PWS > Threshold	% GW PWS >	% SW PWS >	99% Value
IOCs										
Sulfate (HRL=500,000)	16,495	15,009	1,486	88.11%	87.76%	91.66%	1.79%	1.83%	1.41%	560000
SOCs										
Aldicarb[1] (HRL=7)	11,972	10,509	1,463	0.01%	0.00%	0.07%	0.00%	0.00%	0.00%	< 3.0
Aldicarb Sulfone[1] (HRL=7)	11,968	10,512	1,456	0.08%	0.04%	0.41%	0.00%	0.00%	0.00%	< 2.0
Aldicarb Sulfoxide[1] (HRL=7)	11,954	10,500	1,454	0.08%	0.03%	0.48%	0.01%	0.01%	0.00%	< 4.0
Aldrin[1] (HRL=0.002)	11,745	10,420	1,325	0.01%	0.01%	0.00%	0.01%	0.01%	0.00%	< 2.0
Butachlor[1] (N/A)	11,940	10,482	1,458	0.04%	0.01%	0.27%	N/A			< 10.0
Carbaryl[1] (MCL=700)	12,623	11,086	1,537	0.03%	0.02%	0.13%	0.00%	0.00%	0.00%	< 10.0
Dicamba[1] (MCL=200)	14,034	12,220	1,814	0.34%	0.21%	1.21%	0.00%	0.00%	0.00%	< 10.0

CHEMICAL NAME (Threshold in µg/L)	Total PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS	% SW PWS	% PWS > Threshold	% GW PWS >	% SW PWS >	99% Value
Dieldrin[1] (HRL=0.002)	11,788	10,329	1,459	0.09%	0.09%	0.14%	0.09%	0.09%	0.14%	< 1.0
3-Hydroxycarbofuran[1] (N/A)	12,644	11,088	1,556	0.07%	0.02%	0.45%	N/A			< 10.0
Methomyl[1] (MCL=200)	12,604	11,068	1,536	0.07%	0.05%	0.20%	0.00%	0.00%	0.00%	< 50.0
Metolachlor[1] (HRL=70)	12,953	11,503	1,450	0.83%	0.11%	6.55%	0.00%	0.00%	0.00%	< 5.0
Metribuzin[1] (HRL=175)	13,512	11,833	1,679	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	< 2.0
Propachlor[1] (MCL=90)	12,050	10,600	1,450	0.05%	0.02%	0.28%	0.00%	0.00%	0.00%	< 5.0
VOCs										
Bromobenzene (N/A)	24,125	21,461	2,664	0.13%	0.12%	0.23%	N/A			< 1.0
Bromochloromethane[2] (MCL=10)	22,974	20,507	2,467	0.46%	0.32%	1.62%	0.03%	0.02%	0.08%	< 1.0
Bromodichloromethane (HRL=60)	23,858	21,152	2,706	21.97%	16.14%	67.52%	0.08%	0.05%	0.30%	18.8
Bromoform (HRL=400)	18,461	16,348	2,113	12.12%	11.08%	20.11%	0.01%	0.00%	0.05%	6.5
Bromomethane (MCL=10)	23,328	20,872	2,456	0.75%	0.74%	0.86%	0.06%	0.05%	0.08%	< 9.0
Chloroethane (N/A)	24,433	21,925	2,508	0.34%	0.32%	0.56%	N/A			< 2.5
Chloroform (HRL=600)	23,737	21,021	2,716	27.42%	21.84%	70.54%	0.04%	0.01%	0.26%	110.0
Chloromethane (MCL=3)	23,478	21,030	2,448	2.25%	2.04%	4.08%	0.58%	0.55%	0.78%	< 2.5
Dibromochloromethane (HRL=60)	23,750	21,059	2,691	18.37%	14.55%	48.23%	0.08%	0.05%	0.30%	9.7
Dibromomethane (N/A)	23,006	20,454	2,552	0.46%	0.32%	1.53%	N/A			< 1.0
Dichlorodifluoromethane	22,141	19,836	2,305	1.27%	1.23%	1.65%	0.00%	0.00%	0.00%	< 20.0
1,1-Dichloroethane (MCL=5)	24,808	22,114	2,694	0.74%	0.67%	1.34%	0.08%	0.07%	0.11%	< 1.0
1,3-Dichloropropane (N/A)	24,065	21,430	2,635	0.06%	0.05%	0.11%	N/A			< 2.0
2,2-Dichloropropane (N/A)	24,096	21,445	2,651	0.09%	0.07%	0.26%	N/A			< 1.0
1,1-Dichloropropene (N/A)	24,069	21,438	2,631	0.07%	0.06%	0.15%	N/A			< 1.0
1,3- Dichloropropene (HRL=40)	16,787	15,178	1,609	0.35%	0.32%	0.62%	0.00%	0.00%	0.00%	< 0.5
Hexachlorobutadiene[2] (HRL=0.9)	22,736	20,380	2,356	0.18%	0.13%	0.59%	0.02%	0.00%	0.13%	< 1.0
Isopropylbenzene[2] (N/A)	22,995	20,524	2,471	0.24%	0.23%	0.32%	N/A			< 2.0
m-Dichlorobenzene (HAL=600)	24,119	21,457	2,662	0.26%	0.22%	0.53%	0.00%	0.00%	0.00%	< 1.0
n-Butylbenzene[2] (N/A)	22,972	20,509	2,463	0.13%	0.12%	0.20%	N/A			< 2.0
n-Propylbenzene[2] (N/A)	22,969	20,501	2,468	0.23%	0.19%	0.57%	N/A			< 2.0
Naphthalene[2] (HRL=140)	22,923	20,524	2,399	0.75%	0.62%	1.92%	0.00%	0.00%	0.00%	< 2.0
o-Chlorotoluene (MCL=100)	24,118	21,457	2,661	0.14%	0.11%	0.38%	0.00%	0.00%	0.00%	< 2.0
p-Chlorotoluene (MCL=100)	21,378	18,808	2,570	0.12%	0.10%	0.27%	0.00%	0.00%	0.00%	< 2.0
p-Isopropyltoluene[2] (N/A)	22,617	20,320	2,297	0.16%	0.15%	0.26%	N/A			< 2.0

CHEMICAL NAME (Threshold in µg/L)	Total PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS	% SW PWS	% PWS > Threshold	% GW PWS >	% SW PWS >	99% Value
sec-Butylbenzene[2] (N/A)	22,973	20,509	2,464	0.14%	0.14%	0.20%	N/A			< 2.0
tert-Butylbenzene[2] (N/A)	22,973	20,508	2,465	0.11%	0.10%	0.16%	N/A			< 2.0
1,1,1,2-Tetrachloroethane	24,127	21,462	2,665	0.21%	0.16%	0.64%	0.00%	0.00%	0.00%	< 1.0
1,1,2,2-Tetrachloroethane	24,800	22,106	2,694	0.08%	0.05%	0.30%	0.00%	0.00%	0.00%	< 1.0
1,2,3-Trichlorobenzene[2] (N/A)	22,532	20,144	2,388	0.19%	0.15%	0.50%	N/A			< 2.0
Trichlorofluoromethane[2] (HAL=175)	22,659	20,329	2,330	1.17%	0.93%	3.22%	0.00%	0.00%	0.00%	< 2.5
1,2,3-Trichloropropane (MCL=40)	24,088	21,441	2,647	0.08%	0.06%	0.23%	0.00%	0.00%	0.00%	< 1.0
1,2,4-Trimethylbenzene[2] (N/A)	22,965	20,504	2,461	0.76%	0.63%	1.79%	N/A			< 1.0
1,3,5-Trimethylbenzene[2] (N/A)	22,974	20,513	2,461	0.43%	0.35%	1.10%	N/A			< 2.0

1. Massachusetts data not included in summary statistics for this contaminant.
2. New Hampshire data not included in summary statistics for this contaminant.

MCL=Maximum Contaminant Level
HAL=Health Advisory Level (as of December 2000)
HRL=Health Reference Level (concentration values used only as reference levels for analyses in this report)
MRL=Minimum Reporting Level

The MCL, HAL, HRL, and MRL values are used in this report only as reference levels to facilitate occurrence assessments.

"% PWS > Threshold" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL/MCL/HAL. (Note that results for % PWSs greater than an MCL value does not indicate a MCL violation. A formal MCL violation occurs when the MCL is exceeded by the average of four consecutive quarterly samples or confirmation samples as required by the primacy States.)

N/A= There is no HRL/MCL/HAL available

Appendix B contains complete occurrence summaries for the SDWIS/FED (Round 2) data. There is a set of 3 tables of occurrence data for each of the 48 contaminants (similar in construction to the table sets in Appendix A). The first appendix table of each set (Tables B.1.a, B.2.a, etc., through B.48.a) contain the system-level summary data presented in Table V.B.1 (above), but present the data for all individual states (rather than just the aggregate data from the 20 states in the cross-section included above in Table V.B.1.). Tables B.1.b through B.48.b provide sample-level data and additional descriptive statistics, including the total number of analyses and the percent of samples with at least one result greater than the MRL. These tables also include the minimum concentration, 99th percentile value, maximum concentration, minimum detection concentration and median detection concentration. Tables B.1.c through B.48.c provide similar detailed analytical measures, but provide system-level statistics (as compared to the sample-level statistics in Tables B.1.b through B.48.b).

VI. ASSESSMENTS OF SELECT HIGH OCCURRENCE CONTAMINANTS

VI.A. Selecting High Occurrence Contaminants for Further Analysis

The contaminants in URCIS (Round 1) and SDWIS/FED (Round 2) were ranked according to their occurrence to select a group of high occurrence contaminants for more detailed graphical and spatial assessments. The contaminants were ranked by percent of systems with at least one sample detection

(at least one sample analytical result greater than the minimum reporting level) and by percent of systems with at least one sample analytical result greater than the MCL or HAL or HRL (whichever MCL/HAL/HRL health effects threshold is relevant to the contaminant in question). The ranking of the URCIS (Round 1) contaminant occurrence data is presented in Table VI.A.1, and the ranking of SDWIS/FED (Round 2) data is presented in Table VI.A.2. High occurrence was the primary consideration for selection, but consideration was also given to coverage across contaminant groups, changing regulatory status between Rounds 1 and 2, and overlap between Rounds 1 and 2. Table VI.A.3 lists the selected high occurrence contaminants. (Since THMs have been assessed in other studies, only chloroform is selected here, and is only assessed graphically in this report.)

Table VI.A.1. Contaminant Occurrence Ranking of URCIS (Round 1) Data

	Percent Systems With At Least One Sample Analytical Detection			Percent Systems With At Least OneSample Analytical Result Greater than MCL/HAL/HRL	
	SOCs			**SOCs**	
	Dibromochloropropane	2.49%		Dibromochloropropane	1.32%
X	Ethylene Dibromide	1.14%	X	Ethylene Dibromide	0.16%
	VOCs			**VOCs**	
X	Chloroform	28.63%	X	Trichloroethylene	0.98%
	Bromodichloromethane	22.09%	X	Tetrachloroethylene	0.91%
	Dibromochloromethane	17.87%		Dichloromethane	0.77%
	Bromoform	8.95%	X	Chloromethane	0.45%
	Dichloromethane	4.05%		Vinyl Chloride	0.28%
	1,1,1-Trichloroethane	3.66%		Benzene	0.25%
X	Trichloroethylene	3.54%		Dichloroethene	0.20%
	Toluene	3.50%		1,2-Dichloroethane	0.19%
X	Tetrachloroethylene	3.33%	X	1,1-Dichloroethane	0.18%
	Xylenes (Total)	3.04%		Carbon Tetrachloride	0.16%
	o-Xylene	1.76%		Bromodichloromethane	0.13%
	Ethyl Benzene	1.62%		Hexachlorobutadiene	0.11%
	p-Xylene	1.58%		Bromomethane	0.09%
	m-Xylene	1.55%		1,2-Dichloropropane	0.08%
	Trichlorofluoromethane	1.48%		Dibromochloromethane	0.06%
	cis-1,2-Dichloroethene	1.47%		1,1,2,2-Tetrachloroethane	0.05%
	Dichlorodifluoromethane	1.37%		1,1,2-Trichloroethene	0.04%
	Carbon Tetrachloride	1.32%		Bromochloromethane	0.03%
	p-Dichlorobenzene	1.25%		cis-1,2-Dichloroethene	0.03%
X	Chloromethane	1.22%		1,1,1-Trichloroethane	0.03%
	Naphthalene	1.18%	X	Chloroform	0.02%
	Dichloroethene	1.17%		Naphthalene	0.01%
	1,2-Dichloroethane	1.16%		Trichlorofluoromethane	0.01%
	Benzene	1.14%		1,2,3-Trichloropropane	0.01%
X	1,1-Dichloroethane	1.14%		Bromoform	0.01%
	1,2,4-Trimethylbenzene	0.83%		trans-1,2-Dichloroethene	0.01%
	Bromomethane	0.77%		Toluene	0.00%
	1,2-Dichloropropane	0.67%		Xylenes (Total)	0.00%
	trans-1,2-Dichloroethene	0.64%		Ethyl Benzene	0.00%
	cis-1,2-Dichloropropene	0.61%		Dichlorodifluoromethane	0.00%
	1,3,5-Trimethylbenzene	0.61%		p-Dichlorobenzene	0.00%
	Styrene	0.57%		Styrene	0.00%
	Chlorobenzene	0.53%		Chlorobenzene	0.00%
	Bromochloromethane	0.50%		1,2,4-Trichlorobenzene	0.00%
	Vinyl Chloride	0.50%		o-Dichlorobenzene	0.00%
	1,2,4-Trichlorobenzene	0.49%		m-Dichlorobenzene	0.00%
	1,2,3-Trichlorobenzene	0.49%		o-Chlorotoluene	0.00%
	1,1,2,2-Tetrachloroethane	0.45%		1,1,1,2-Tetrachloroethane	0.00%
	1,1,2-Trichloroethene	0.43%		p-Chlorotoluene	0.00%
	Chloroethane	0.39%		1,3-Dichloropropene	0.00%
	Dibromomethane	0.36%		1,3-Dichloropropane	N/A
	n-Butylbenzene	0.35%		1,1-Dichloropropene	N/A
	Hexachlorobutadiene	0.35%		1,2,3-Trichlorobenzene	N/A

Percent Systems With At Least One Sample Analytical Detection			Percent Systems With At Least OneSample Analytical Result Greater than MCL/HAL/HRL		
	n-Propyulbenzene	0.33%		1,2,4-Trimethylbenzene	N/A
	o-Dichlorobenzene	0.28%		1,3,5-Trimethylbenzene	N/A
	Isopropyltoluene	0.27%		2,2-Dichloropropane	N/A
	1,2,3-Trichloropropane	0.25%		Bromobenzene	N/A
	trans-1,3-Dichloropropene	0.25%		Chloroethane	N/A
	m-Dichlorobenzene	0.25%		cis-1,2-Dichloropropene	N/A
	p-Isopropyltoluene	0.25%		Dibromomethane	N/A
	sec-Butylbenzene	0.23%		Isopropyltoluene	N/A
	o-Chlorotoluene	0.20%		m-Xylene	N/A
	Bromobenzene	0.19%		n-Butylbenzene	N/A
	tert-Butylbenzene	0.19%		n-Propyulbenzene	N/A
	1,1,1,2-Tetrachloroethane	0.18%		o-Xylene	N/A
	p-Chlorotoluene	0.17%		p-Isopropyltoluene	N/A
	1,3-Dichloropropene	0.16%		p-Xylene	N/A
	2,2-Dichloropropane	0.15%		sec-Butylbenzene	N/A
	1,1-Dichloropropene	0.13%		tert-Butylbenzene	N/A
	1,3-Dichloropropane	0.12%		trans-1,3-Dichloropropene	N/A

X = Contaminants selected for graphical/spatial assessment

N/A = There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for the contaminants.

Table VI.A.2. Contaminant Occurrence Ranking of SDWIS/FED (Round 2) Data

Percent Systems With At Least One Sample Analytical Detection			Percent Systems With At Least One Sample Analytical Result Greater than MCL/HAL/HRL		
SOCs			**SOCs**		
X	Metolachlor	0.83%	**X**	Dieldrin	0.09%
	Dicamba	0.34%		Aldrin	0.01%
X	Dieldrin	0.09%	**X**	Aldicarb Sulfoxide	0.01%
X	Aldicarb Sulfoxide	0.08%		Metribuzin	0.00%
	Aldicarb Sulfone	0.08%		Aldicarb	0.00%
	Methomyl	0.07%		Carbaryl	0.00%
	3-Hydroxycarbofuran	0.07%		Propachlor	0.00%
	Propachlor	0.05%		Methomyl	0.00%
	Butachlor	0.04%		Aldicarb Sulfone	0.00%
	Carbaryl	0.03%		Dicamba	0.00%
	Aldrin	0.01%	**X**	Metolachlor	0.00%
	Aldicarb	0.01%		Butachlor	N/A
	Metribuzin	0.01%		3-Hydroxycarbofuran	N/A
VOCs			**VOCs**		
X	Chloroform	27.42%	**X**	Chloromethane	0.58%
	Bromodichloromethane	21.97%	**X**	1,1-Dichloroethane	0.08%
	Dibromochloromethane	18.37%		Dibromochloromethane	0.08%
	Bromoform	12.12%		Bromodichloromethane	0.08%
X	Chloromethane	2.25%		Bromomethane	0.06%
	Dichlorodifluoromethane	1.27%	**X**	Chloroform	0.04%
	Trichlorofluoromethane	1.17%		Bromochloromethane	0.03%
	1,2,4-Trimethylbenzene	0.76%		Hexachlorobutadiene	0.02%
	Naphthalene	0.75%		Bromoform	0.01%
	Bromomethane	0.75%		1,2,3-Trichloropropane	0.00%
X	1,1-Dichloroethane	0.74%		1,1,1,2-Tetrachloroethane	0.00%
	Bromochloromethane	0.46%		1,1,2,2-Tetrachloroethane	0.00%
	Dibromomethane	0.46%		1,3-Dichloropropene	0.00%
	1,3,5-Trimethylbenzene	0.43%		Dichlorodifluoromethane	0.00%
	1,3-Dichloropropene	0.35%		m-Dichlorobenzene	0.00%
	Chloroethane	0.34%		Naphthalene	0.00%
	m-Dichlorobenzene	0.26%		o-Chlorotoluene	0.00%
	Isopropylbenzene	0.24%		p-Chlorotoluene	0.00%
	n-Propylbenzene	0.23%		Trichlorofluoromethane	0.00%
	1,1,1,2-Tetrachloroethane	0.21%		1,1-Dichloropropene	N/A
	1,2,3-Trichlorobenzene	0.19%		1,2,3-Trichlorobenzene	N/A

	Percent Systems With At Least One Sample Analytical Detection			Percent Systems With At Least One Sample Analytical Result Greater than MCL/HAL/HRL	
	Hexachlorobutadiene	0.18%		1,2,4-Trimethylbenzene	N/A
	p-Isopropyltoluene	0.16%		1,3,5-Trimethylbenzene	N/A
	sec-Butylbenzene	0.14%		1,3-Dichloropropane	N/A
	o-Chlorotoluene	0.14%		2,2-Dichloropropane	N/A
	Bromobenzene	0.13%		Bromobenzene	N/A
	n-Butylbenzene	0.13%		Chloroethane	N/A
	p-Chlorotoluene	0.12%		Dibromomethane	N/A
	tert-Butylbenzene	0.11%		Isopropylbenzene	N/A
	2,2-Dichloropropane	0.09%		n-Butylbenzene	N/A
	1,2,3-Trichloropropane	0.08%		n-Propylbenzene	N/A
	1,1,2,2-Tetrachloroethane	0.08%		p-Isopropyltoluene	N/A
	1,1-Dichloropropene	0.07%		sec-Butylbenzene	N/A
	1,3-Dichloropropane	0.06%		tert-Butylbenzene	N/A

X = Contaminants selected for graphical/spatial assessment
N/A = There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for the

Table VI.A.3. High Occurrence Contaminants Selected for Graphical and Spatial Assessments (and some characteristics considered in the selection).

Contaminant	Regulated	Unregulated	VOC	SOC	THM	URCIS (Round 1)	SDWIS/ FED (Round 2)
Trichloroethylene	(Round 2)	V	V			V	
Tetrachloroethylene	(Round 2)	V	V			V	
Chloromethane		V	V			V	V
1,1-Dichloroethane		V	V			V	V
Chloroform		V	V		V	V	V
Ethylene Dibromide	(Round 2)	V		V		V	
Dieldrin		V		V			V
Aldicarb Sulfoxide		V		V			V
Metolachlor		V		V			V

VI.B. Graphical and Spatial Assessments of Select High Occurrence Contaminants

The URCIS (Round 1) and SDWIS/FED (Round 2) cross-section states used in the more detailed assessments in this section were shown previously in Figure V.A.1. Most of the Section VI figures (graphs and maps) present analytical results based on these cross-section states. Some figures (discussed below) use additional state data to increase spatial coverage. All these graphical and spatial assessments, evaluated together with the analytical results tables presented throughout this report (and report appendices), serve to develop a more comprehensive overview of the degree, distribution, and temporal trends (if any) of contaminant occurrence. These graphical and spatial assessments are conducted to provide additional analytical detail for the select high occurrence contaminants (of potentially greater regulatory interest), and examples of graphical and spatial assessments that can be conducted for any other contaminants of interest. For contaminants of lower occurrence, however, the data maybe too sparse to support much analysis.

One important aspect of the cross-section state data must be considered as part of any conclusions drawn from the maps and graphs in this report. The development of the nationally

representative cross-sections were discussed for URCIS (Round 1) and SDWIS/FED (Round 2) data in Section III of this report. These national cross-sections are developed from public water systems' contaminant monitoring data with the intent that, in aggregate, the cross-section states' occurrence findings are indicative of national occurrence. (Various occurrence comparisons between the URCIS and SDWIS/FED data, as well as comparisons to other state data sets, indicate that these cross-section states do provide contaminant occurrence data that are reasonable indications of national occurrence.) Therefore, although sub-national occurrence findings, such as regional or multi-state occurrence patterns, can be valid and useful for these initial assessments, any regional occurrence patterns (or absence of patterns) should be considered in the context of the source and coverage of the state cross-section data. With half (or more) of the states without adequate data (and therefore not in the cross-sections used for analyses), regional patterns may be difficult to characterize and must be interpreted with caution. Supplemental information should be collected and used, whenever possible, to assist in evaluating the significance of any apparent regional patterns.

The figures presented below illustrating distribution of occurrence must be based on non-biased data, and for these figures only the cross-section state data are used to develop the maps and graphs. However, to increase the spatial coverage of the figures that broadly indicate contaminant occurrence (Figures VI.B.1.a, VI.B.2.a, VI.B.3.a, VI.B.4.a, VI.B.5.a, VI.B.6.a, VI.B.7.a, and VI.B.8.a), all data from all states with data in URCIS (Round 1) and SDWIS/FED (Round 2) are used. Therefore, in these figures the data from cross-section states are included, but so are data from the non-cross-section states (i.e., states with limited or biased data). This more extensive use of the data in the databases can be appropriate when a simple 'yes or no' identification of states with any PWS contaminant detection is of interest. For example, Figure VI.B.1.a illustrates the states with and without a detection of ethylene dibromide (states with or without at least one PWS with one or more monitoring sample analytical detection). Based on the 28 states with ethylene dibromide occurrence data, there appears to be no distinct geographic pattern of occurrence. As stated above, however, this interpretation should be considered cautiously and as preliminary at best. Even using data from all the (cross-section and non-cross-section) states, there are 12 states with no data included in URCIS (Round 1), and another 10 states with some data in URCIS (Round 1), but with no data on ethylene dibromide. Other considerations and some interpretations of the occurrence data illustrated in the figures are presented below.

VI.B.1. Ethylene Dibromide

Figures VI.B.1.a through VI.B.1.c are of URCIS (Round 1) contaminant occurrence data for ethylene dibromide. Figure VI.B.1.a based on all avilable URCIS data, suggests widespread occurrence and apparent lack of spatial or geographic occurrence pattern of ethylene dibromide as based on the identification of states with (and without) public water systems having detections of ethylene dibromide. As previously noted, conclusions regarding geographic patterns of occurrence, or lack of occurrence, based on these maps must be considered with caution in the absence of supplemental information. As can also be seen in Figure VI.B.1.a, 22 states have no occurrence data for ethylene dibromide in the URCIS database.

In the lower graph of Figure VI.B.1.c, there appears to be a higher percent of public water systems with ethylene dibromide analytical results greater than the MCL after 1986. Note, however, that a similar temporal pattern is found with many of the contaminants in later figures. In all these cases, rather than a definitive increase in contaminant occurrence (in the values seen in 1987), these increases likely reflect a change in the regulatory requirements associated with the SDWA 1986 amendments. There may be, though, a real decrease in the percent of public water systems with ethylene dibromide analytical results greater than the MRL from 1988 to 1992, as seen in the upper graph of Figure VI.B.1.c.

Figure VI.B.1.a. Detections of Ethylene Dibromide - All States with Data in URCIS (Round 1)

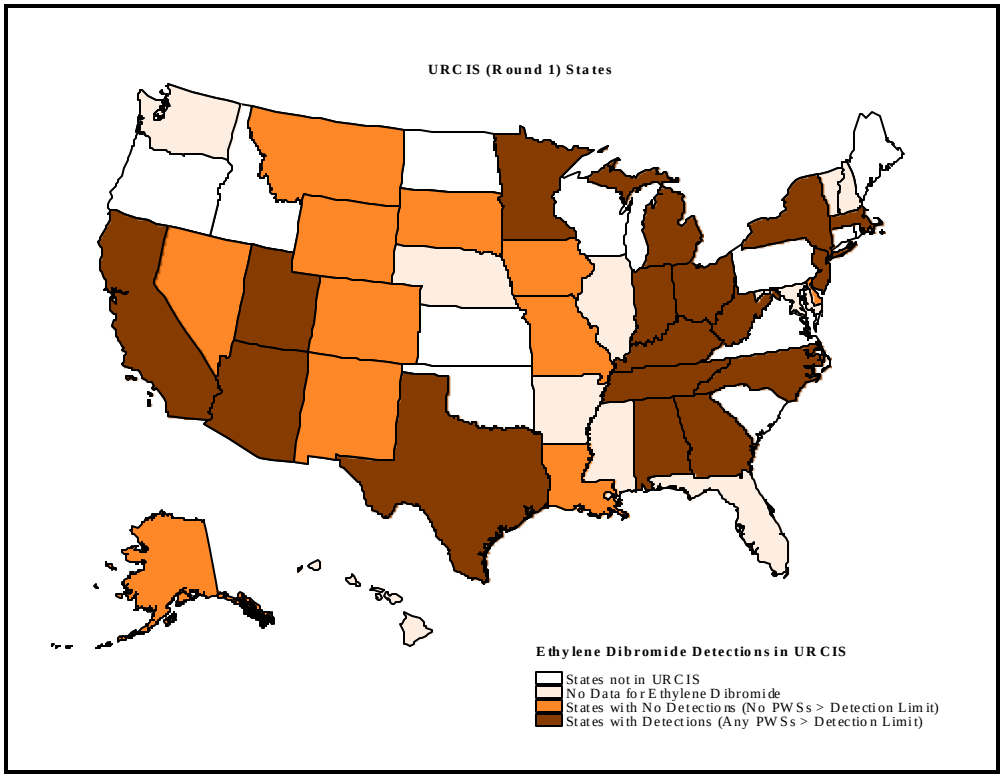
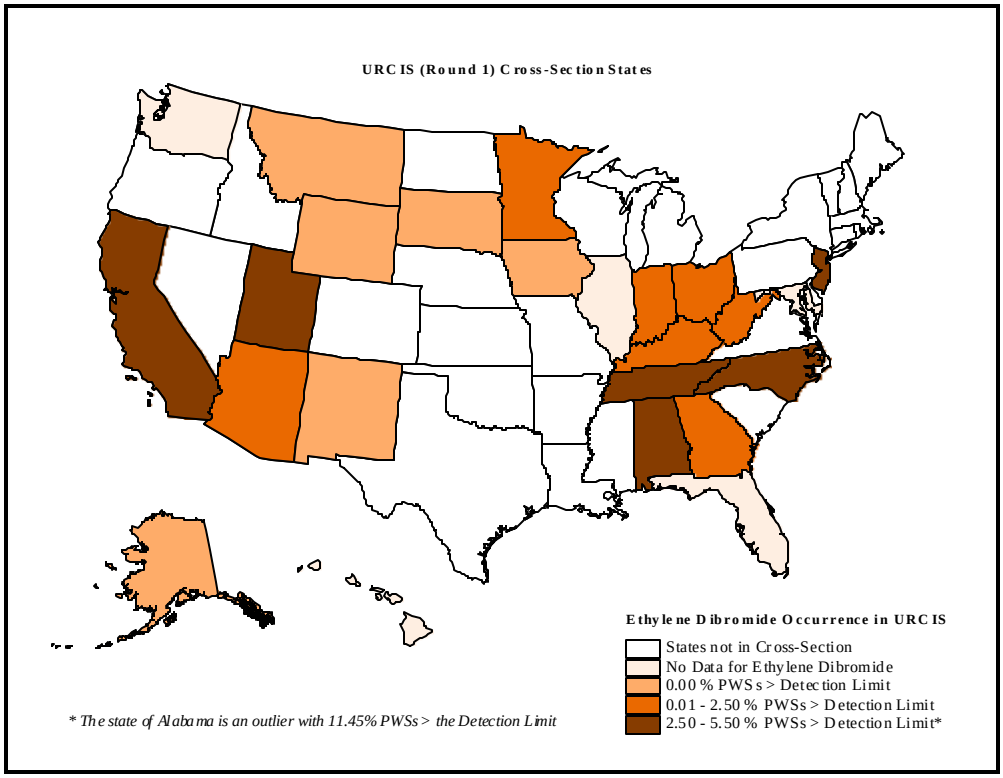


Figure VI.B.1.b. Distribution of Ethylene Dibromide Occurrence - URCIS (Round 1) Data



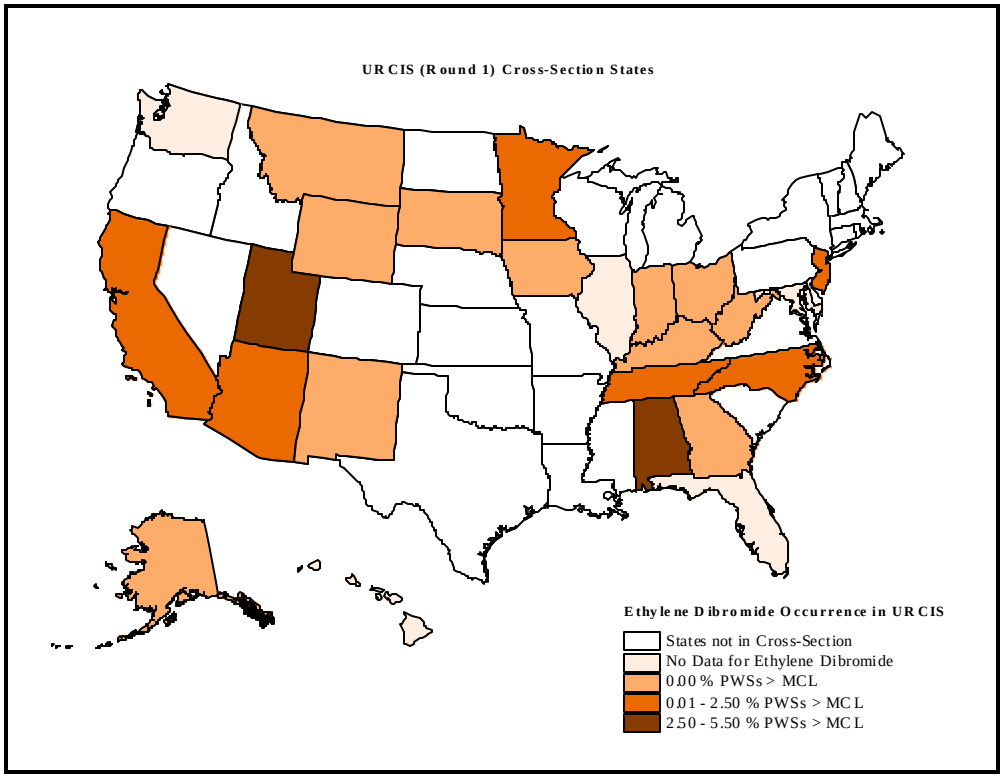
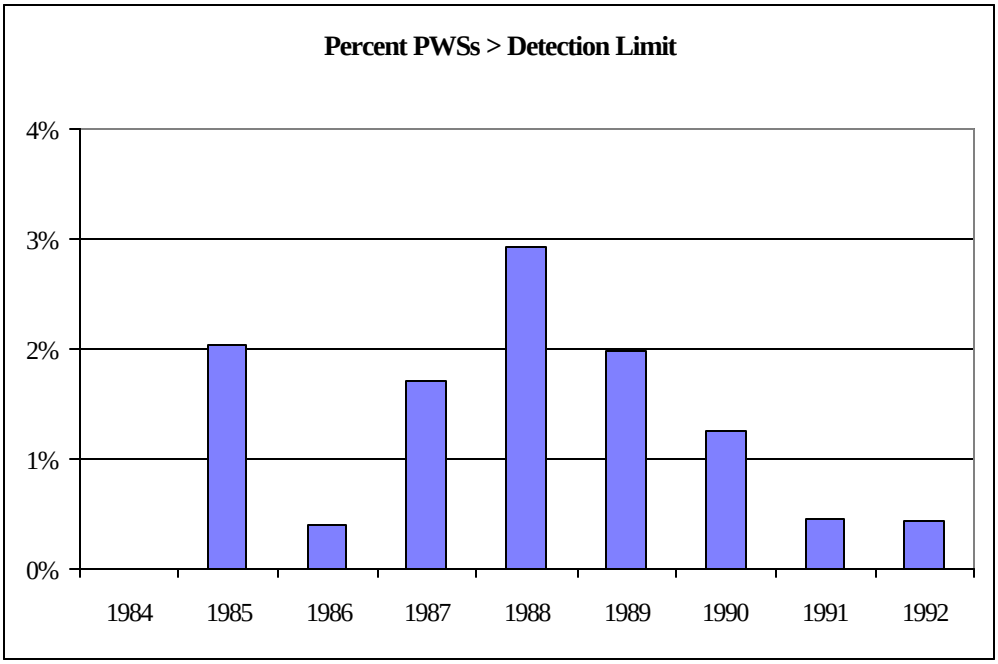
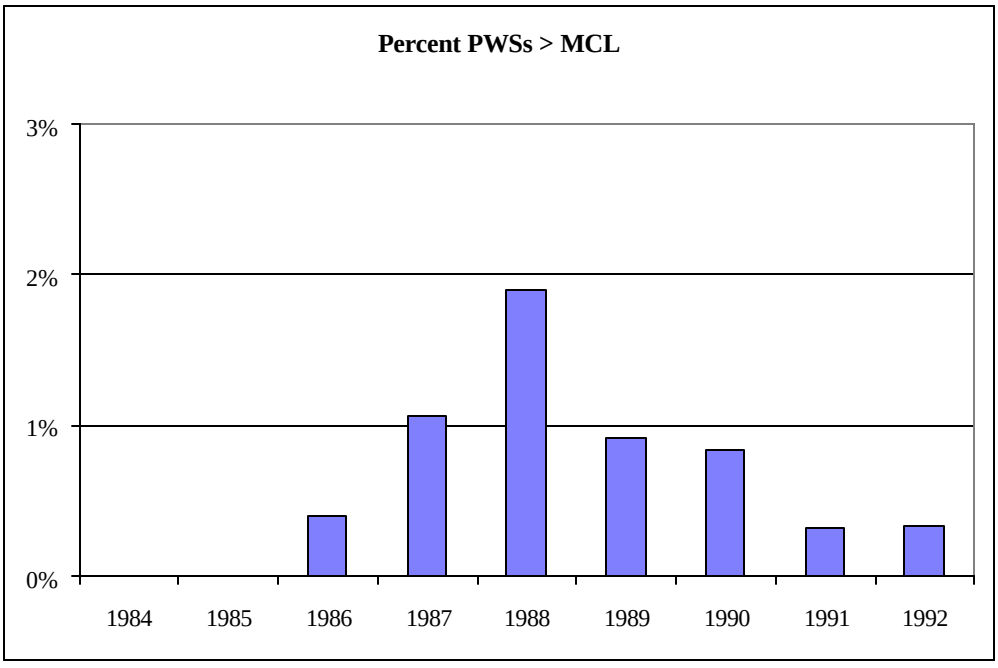


Figure VI.B.1.c. Ethylene Dibromide Occurrence By Year - URCIS (Round 1)





VI.B.2. Tetrachloroethylene

Figures VI.B.2.a through VI.B.2.c are of URCIS (Round 1) contaminant occurrence data for tetrachloroethylene. Tetrachloroethylene (sometimes referred to as perchloroethylene, or 'perc', or PCE) and trichloroethylene (sometimes referred to as TCE) (Figures VI.B.3.a to VI.B.3.c), also appear to be of very widespread occurrence. The well-established co-occurrence of these two contaminants is reflected in the maps and graphs, though it appears that tetrachloroethylene (Figure VI.B.2.a) is of more widespread occurrence than trichloroethylene (Figure VI.B.3.a) as based on the general measure of occurrence used in these two figures (note, however, that more states have reported tetrachloroethylene data than have reported trichloroethylene data).

Figure VI.B.2.a. Detections of Tetrachloroethylene - All States with Data in URCIS (Round 1)

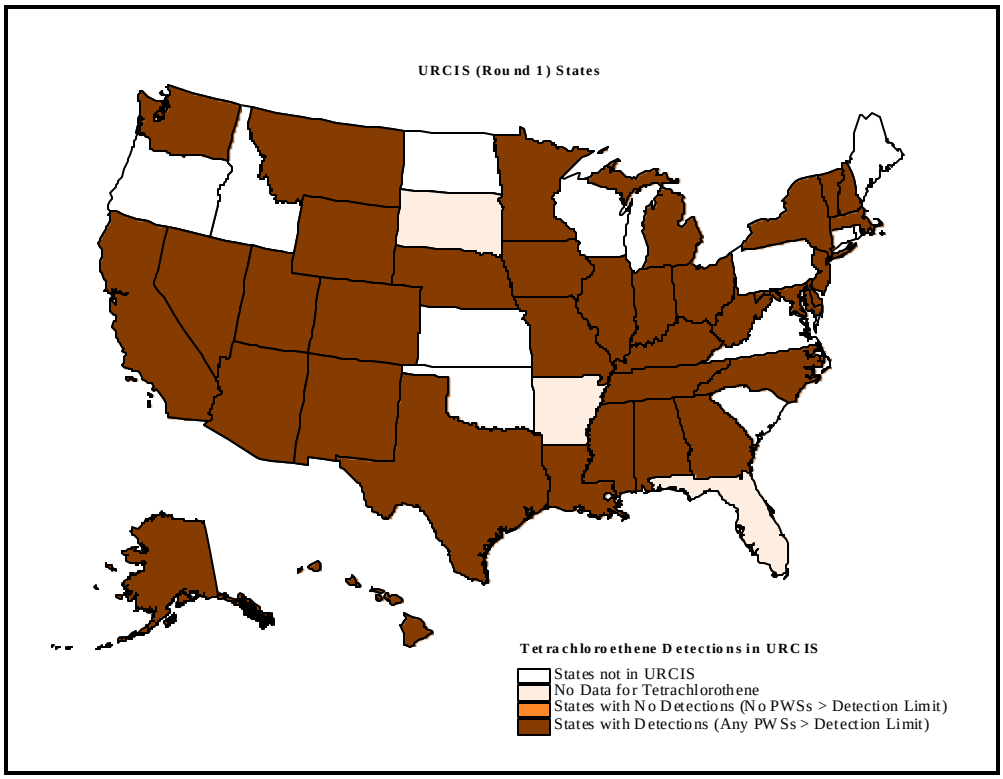
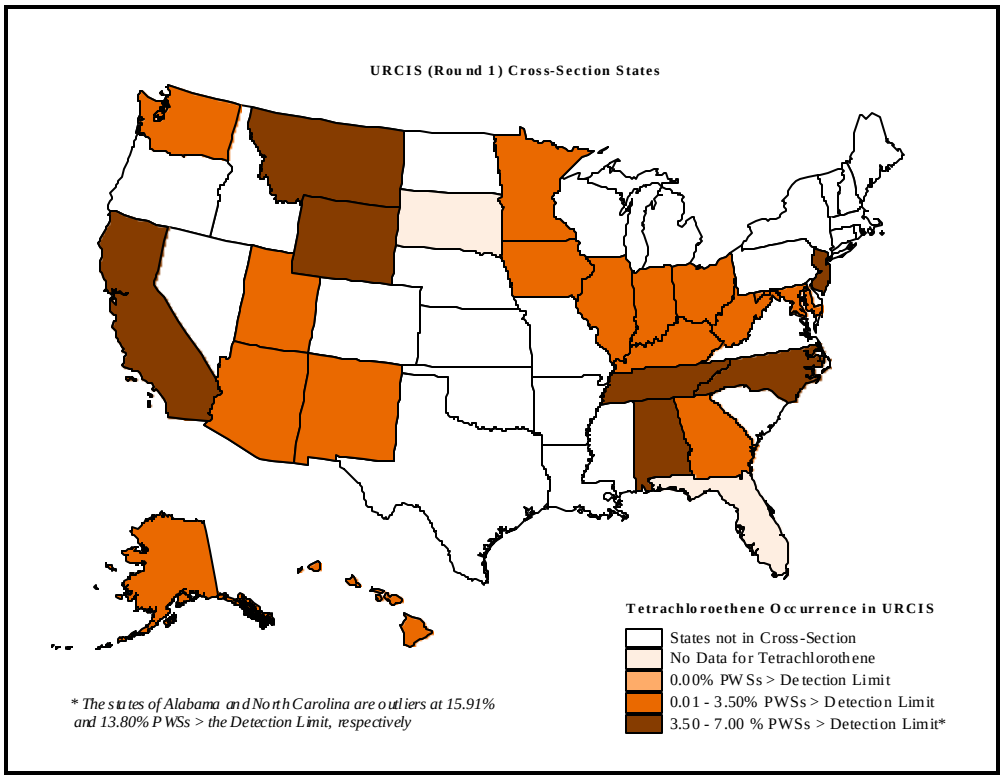


Figure VI.B.2.b. Distribution of Tetrachloroethylene Occurrence - URCIS (Round 1) Data



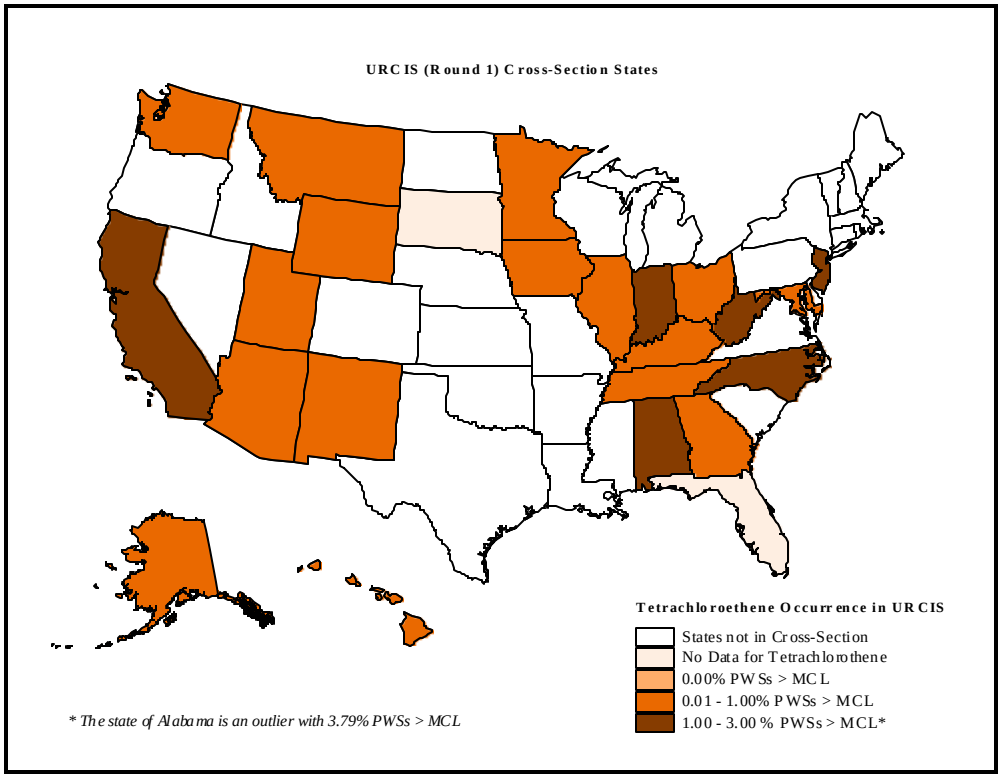
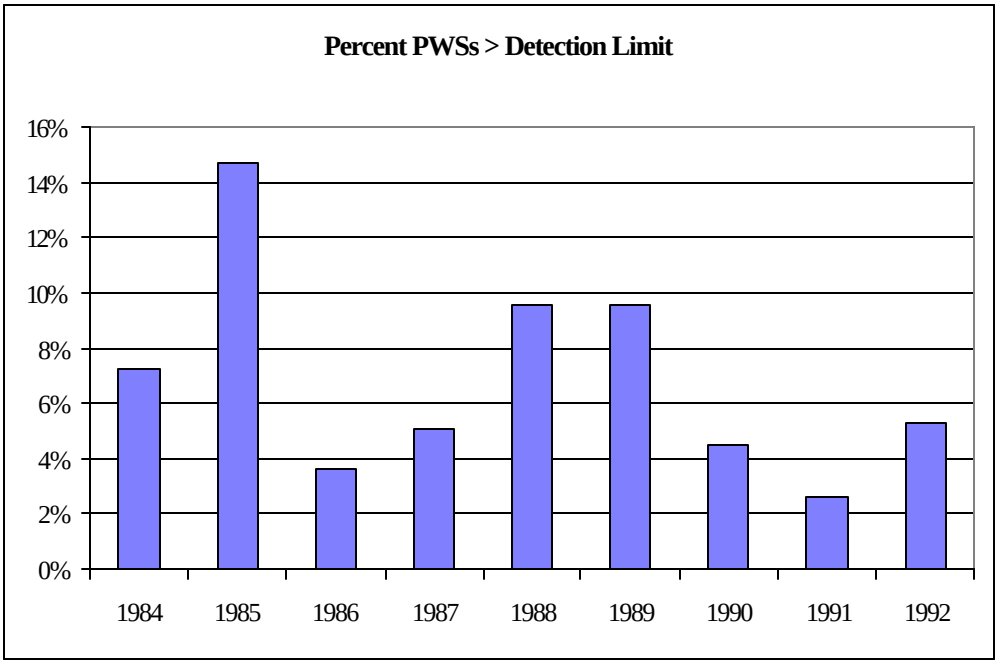
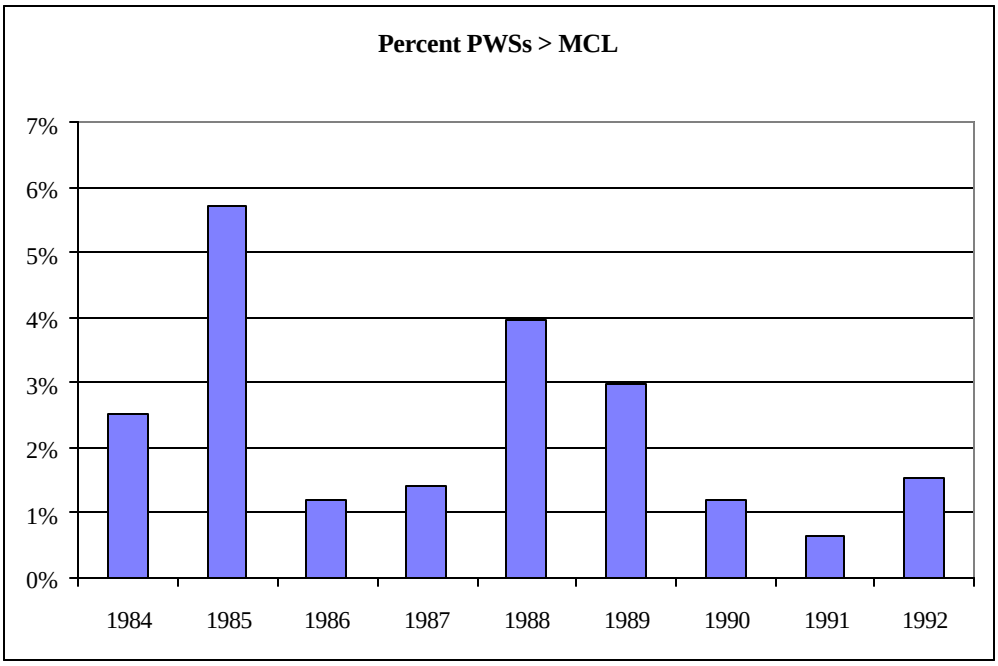


Figure VI.B.2.c. Tetrachloroethylene Occurrence By Year - URCIS (Round 1)





VI.B.3. Trichloroethylene

Figures VI.B.3.a through VI.B.3.c are of URCIS (Round 1) contaminant occurrence data for trichloroethylene (sometimes referred to as TCE). Trichloroethylene (like the previously described tetrachloroethylene) appears to be of widespread occurrence. Figure VI.B.3.b (the upper map) shows that some states have relatively high percentages of public water systems with sample detections. However, due to a considerable number of states without data, it may be difficult to definitely conclude if there is a geographic/spatial pattern of this relatively high occurrence. The lower map in Figure VI.B.3.b also indicates some relatively high percentages of public water systems with samples of trichloroethylene above the MCL. Regarding temporal patterns, there appears to be no distinct increase or decrease in the percent of public water systems with analytical results greater than the detection limit or MCL. Note, however, the same caution regarding unavailable state data affects interpretation of temporal trends as well.

Figure VI.B.3.a. Detections of Trichloroethylene - All States with Data in URCIS (Round 1)

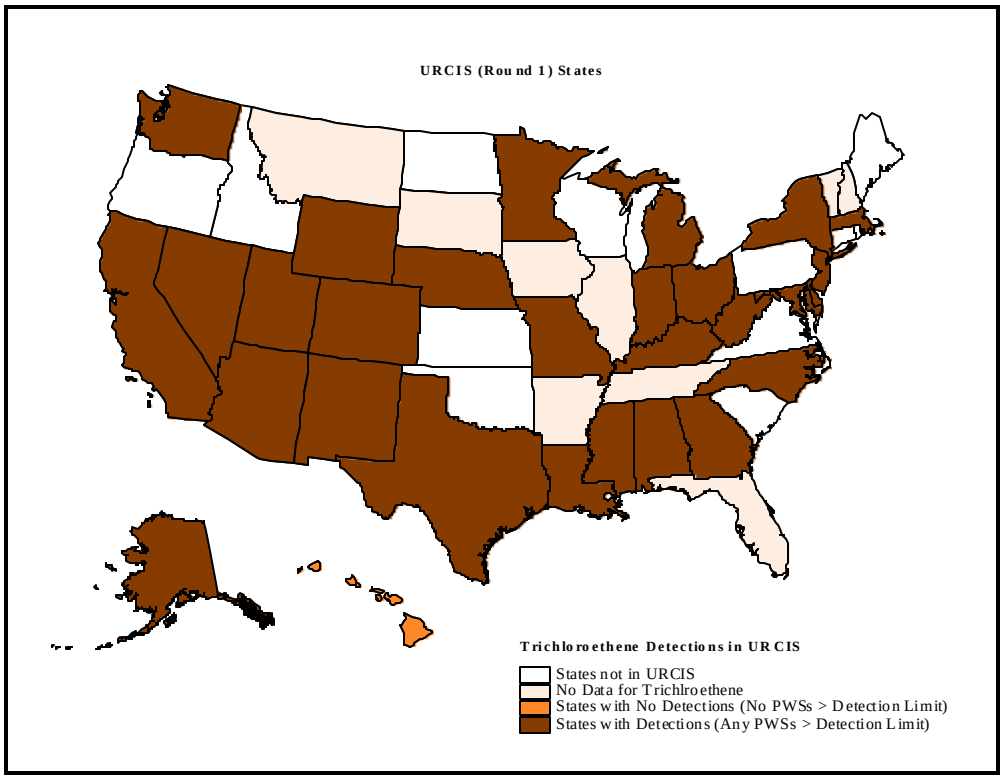
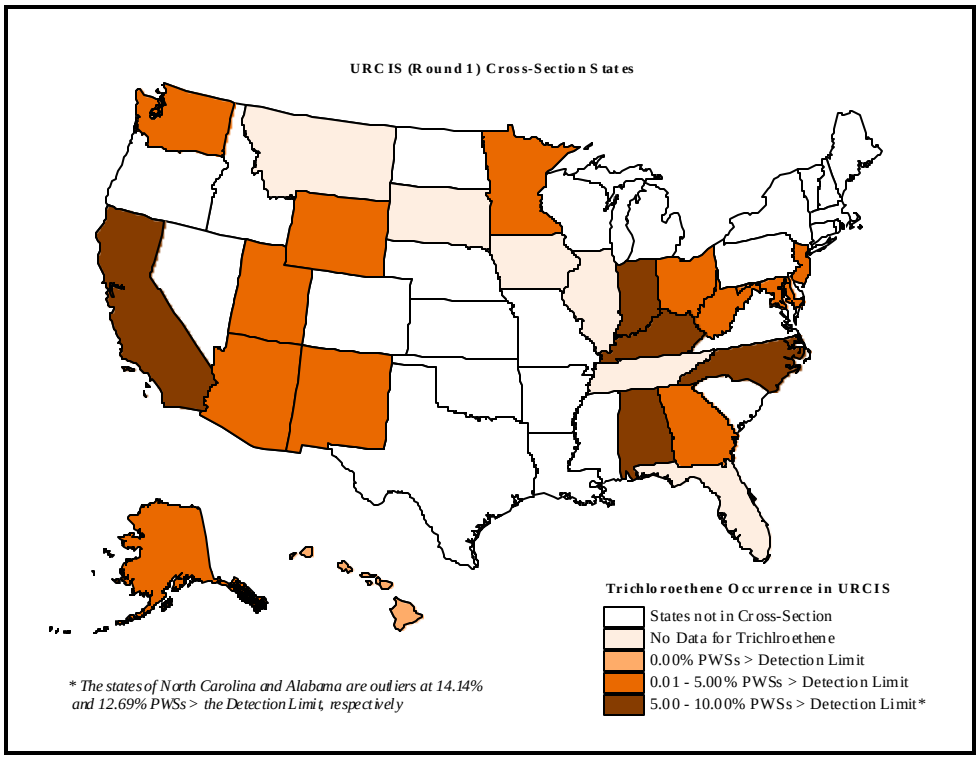


Figure VI.B.3.b. Distribution of Trichloroethylene Occurrence - URCIS (Round 1) Data



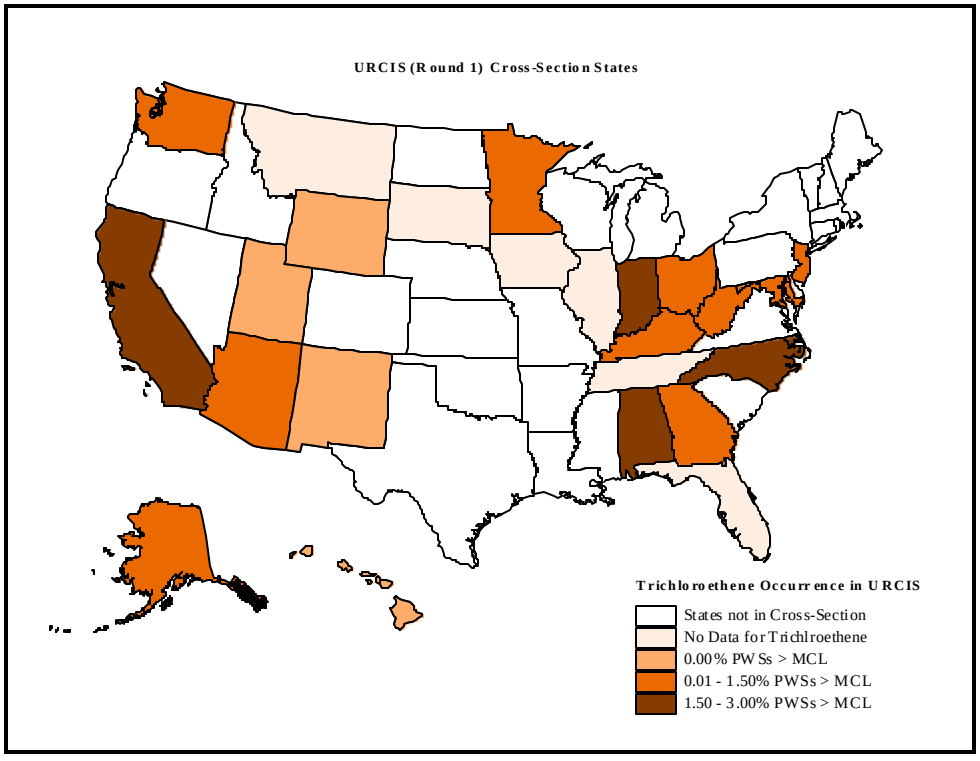
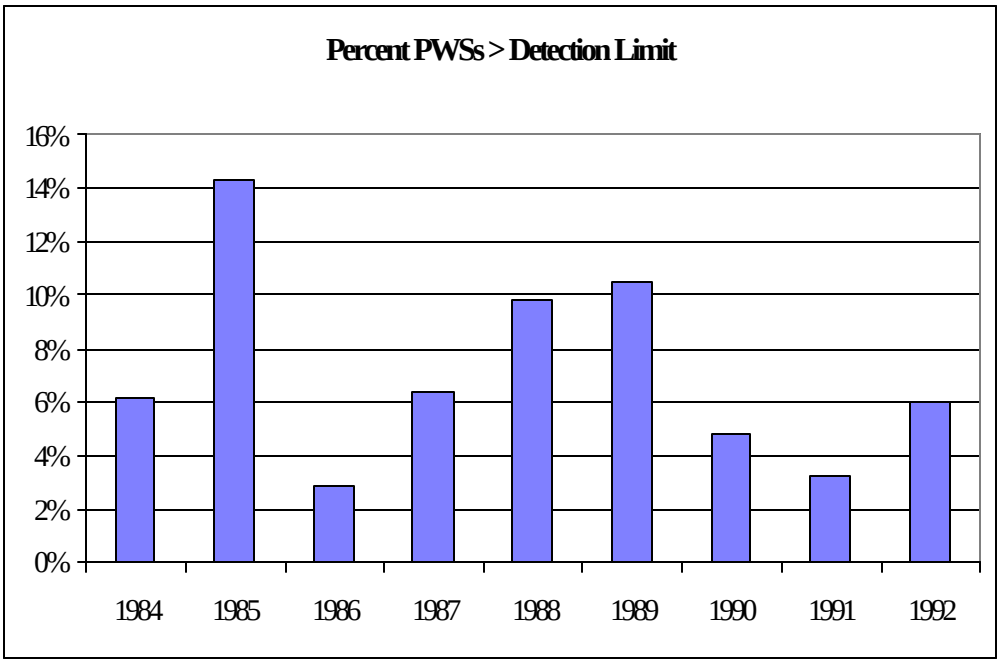
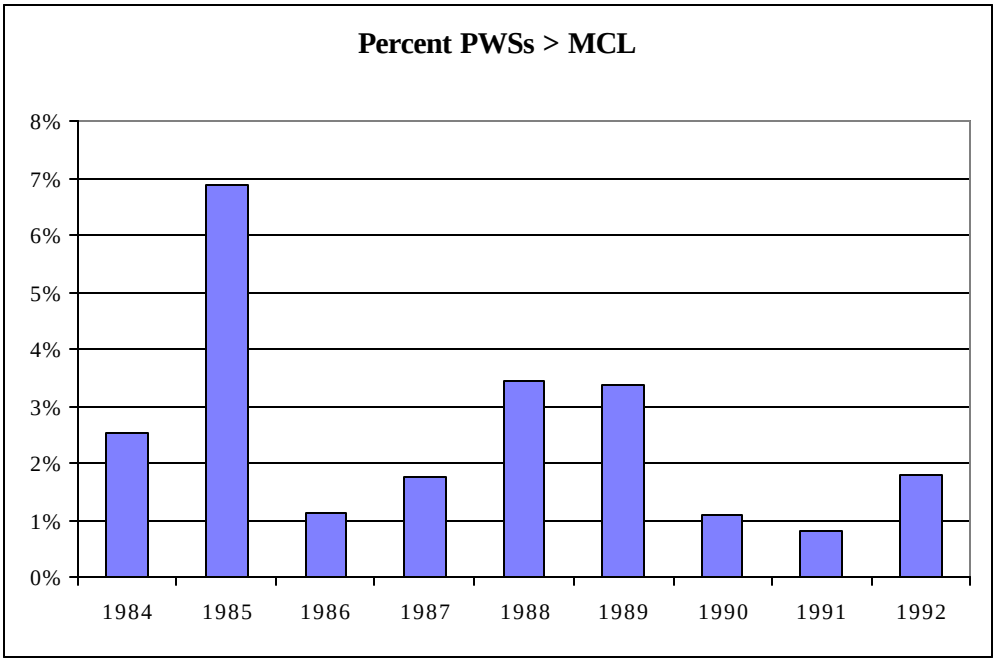


Figure VI.B.3.c. Trichloroethylene Occurrence By Year - URCIS (Round 1)





VI.B.4. Aldicarb Sulfoxide

Figures VI.B.4.a through VI.B.4.c are of SDWIS/FED (Round 2) contaminant occurrence data for aldicarb sulfoxide. A review of the aldicarb figures illustrates some of the interpretive cautions mentioned previously. Figure VI.B.4.b suggests that aldicarb sulfoxide detections are more evident in northern states (likely related to specific farm crops and pesticide use). The figure shows higher percentages of PWSs with detections greater than the MRL in Michigan, Missouri, Washington, and Oregon (in the upper map in Figure VI.B.4.b), and only Oregon in the highest percentage of PWSs with detections of aldicarb sulfoxide greater than its HRL (lower map in Figure VI.B.4.b).

However, three states (Florida, New York, and Wisconsin) with known, historic problems with aldicarb in groundwater (Hallberg, 1989[5] ; Barbash and Resek, 1996[6]) do not have data in the SDWIS/FED (Round 2) database. Apparent spatial and geographic patterns must be viewed and interpreted carefully. Figure VI.B.4.a (using all available Round 2 aldicarb sulfoxide data in SDWIS/FED) indicates that the occurrence of aldicarb sulfoxide is more widespread (with the additional 'detection' states of Pennsylvania and Massachusetts) than suggested in Figure VI.B.4.b, yet there are no data available in the databases for the three states with known historic aldicarb occurrence problems. Any preliminary conclusions made regarding the geographic patterns (or lack of patterns) of aldicarb sulfoxide occurrence must consider this reality of missing data coverage. Other contaminants differ in their coverage (or lack of coverage) of occurrence data.

In Figure VI.B.4.c, the apparent significant decrease in occurrence after 1992 (in the upper graph) is possibly due to changes in monitoring requirements with the 1993 Amendments to SDWA. Although there is a "spike" (a significant but short-lived increase) in the percent of public water systems with analytical results greater than the HRL (in the lower graph), this reflects a very small increase in the number of systems (note the y-axis scale of the graph).

[5] Hallberg, G.R. 1989a. "Pesticide Pollution of Groundwater in the Humid United States." In H. Bouwer and R.S. Bowman, eds., *Effect of Agriculture on Groundwater; Agriculture, Ecosystems, and Environment.* Special edition, v. 26, p. 299-367. 1989.

[6] Barbash, J.E., and E.A. Resek. Pesticides in Ground Water, volume two of the series *Pesticides in the Hydrologic System.* Ann Arbor Press, Inc., Chelsea, Michigan. 1996.

Figure VI.B.4.a. Detections of Aldicarb Sulfoxide - All States with Data in SDWIS/FED (Round 2)

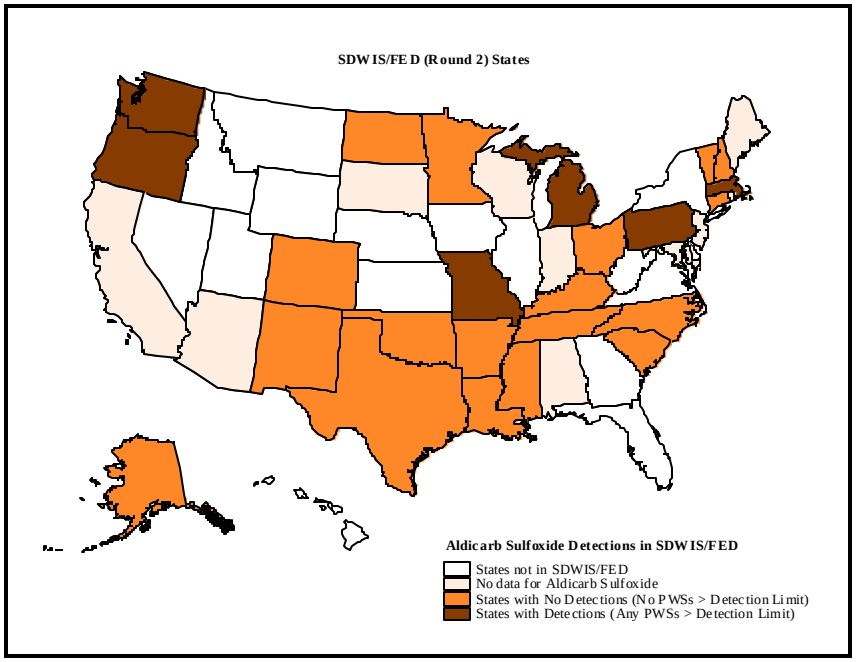
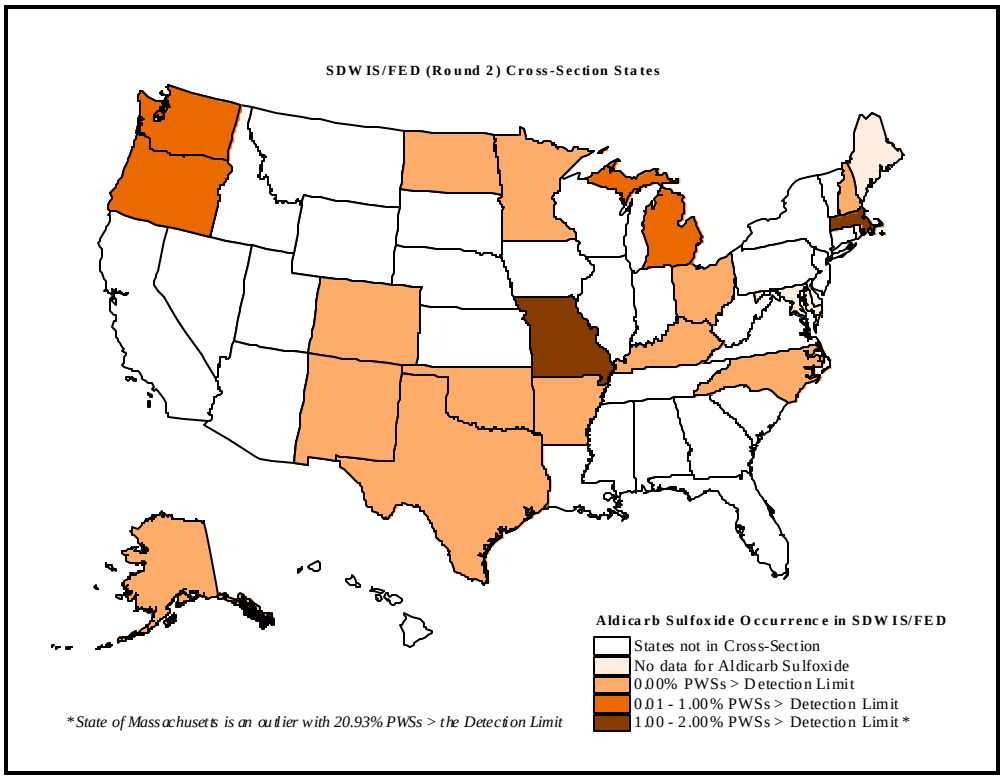


Figure VI.B.4.b. Distribution of Aldicarb Sulfoxide Occurrence - SDWIS/FED (Round 2) Data



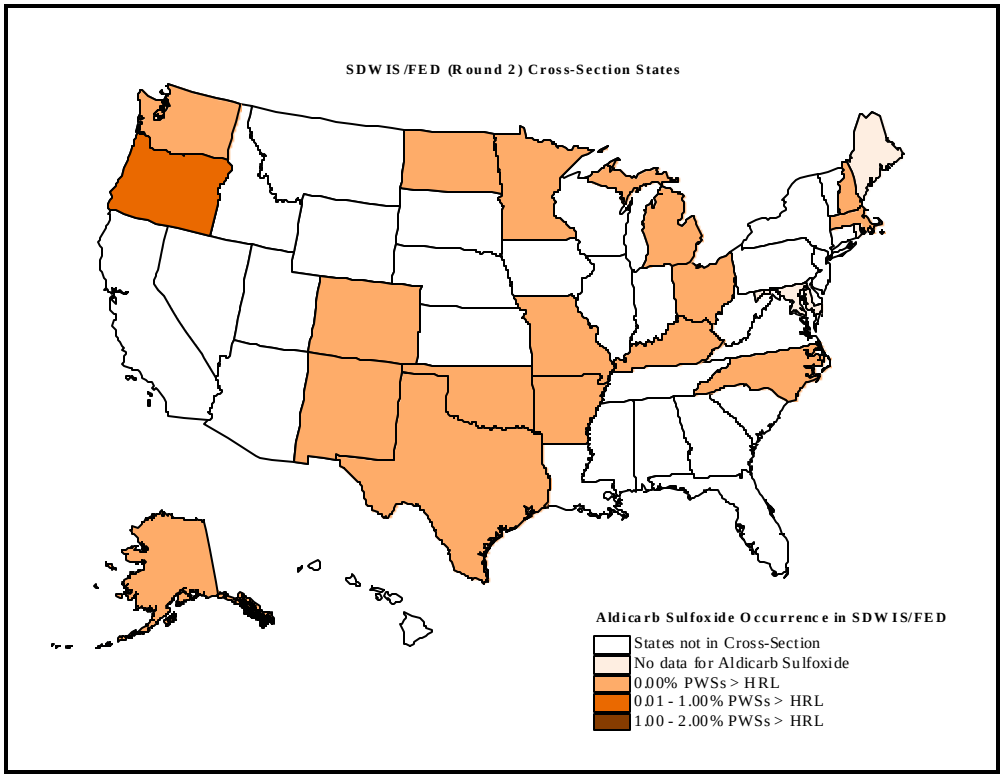
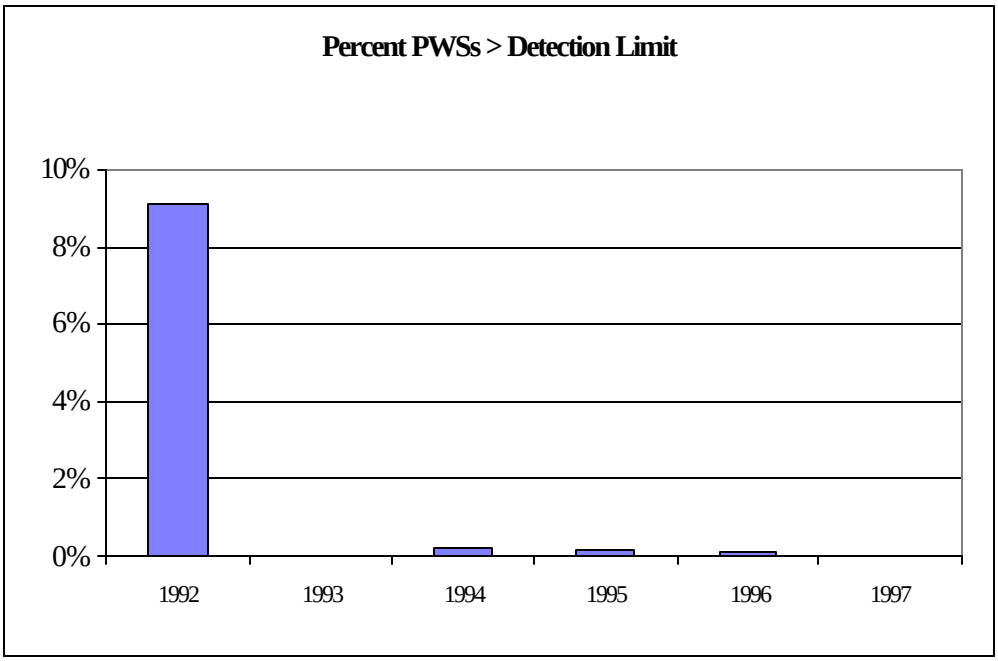
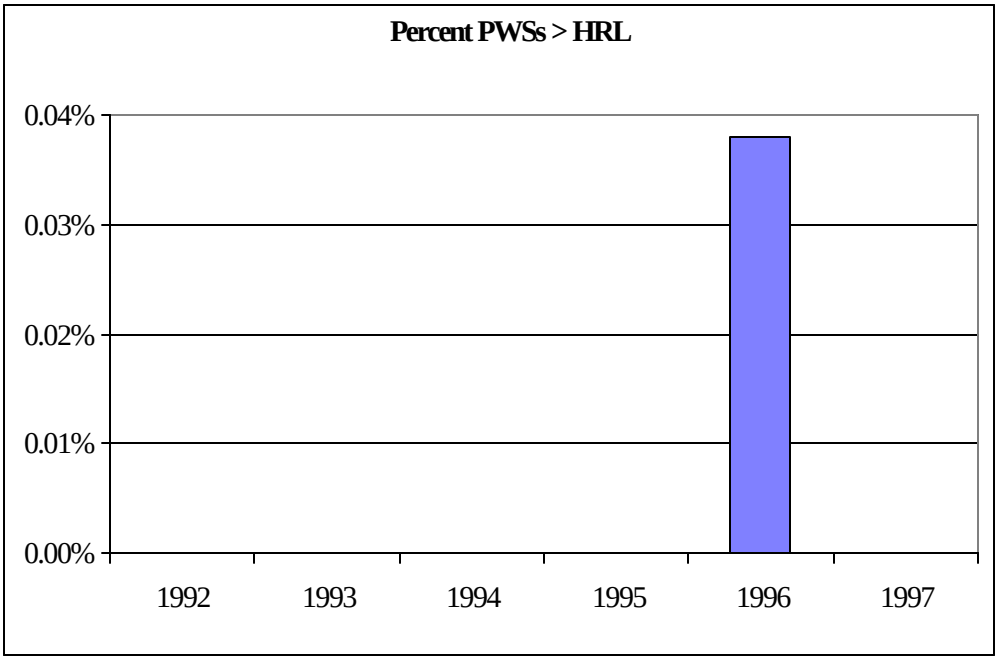


Figure VI.B.4.c. Aldicarb Sulfoxide Occurrence By Year - SDWIS/FED (Round 2)





VI.B.5. Dieldrin

Some general comments can be made about the occurrence of dieldrin (illustrated in Figures VI.B.5.a through VI.B.5.c). Dieldrin detections appear to be limited to states south of a line extending between Texas and Massachusetts (see Figure VI.B.5.a). In Figure VI.B.5.b, both maps ("greater than detections" in the upper map, and "greater than the HRL" in the lower map) reflect this same apparent distribution, though note the number of agricultural states with no data. In Figure VI.B.5.c, a downward annual trend in dieldrin occurrence is suggested.

Figure VI.B.5.a. Detections of Dieldrin - All States with Data in SDWIS/FED (Round 2)

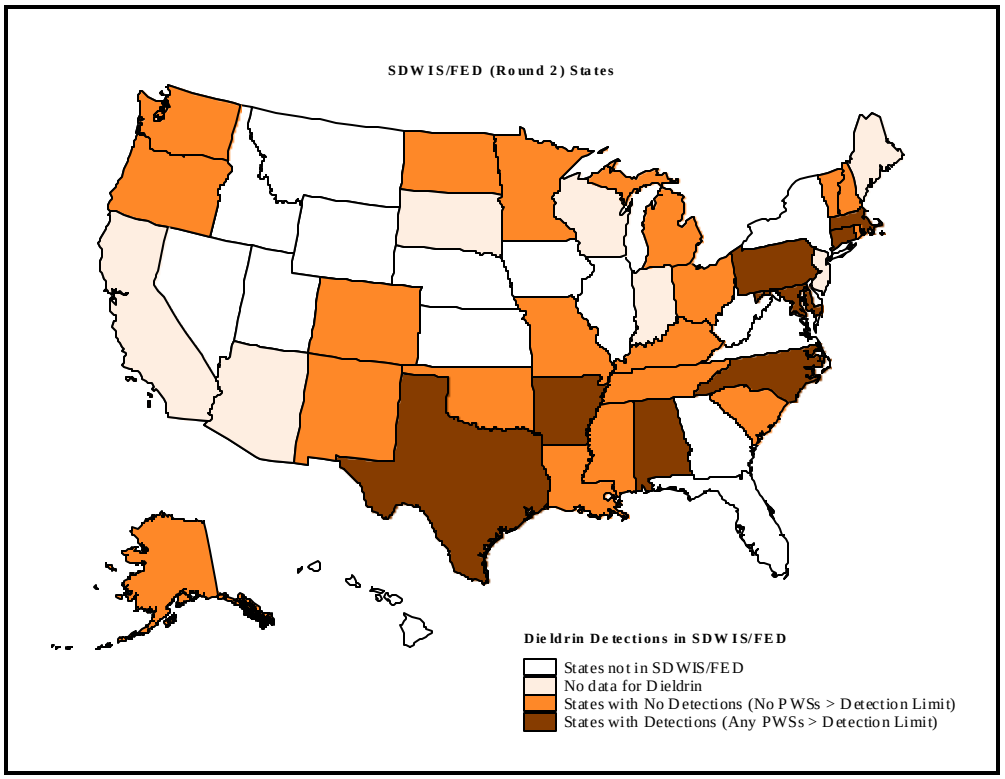
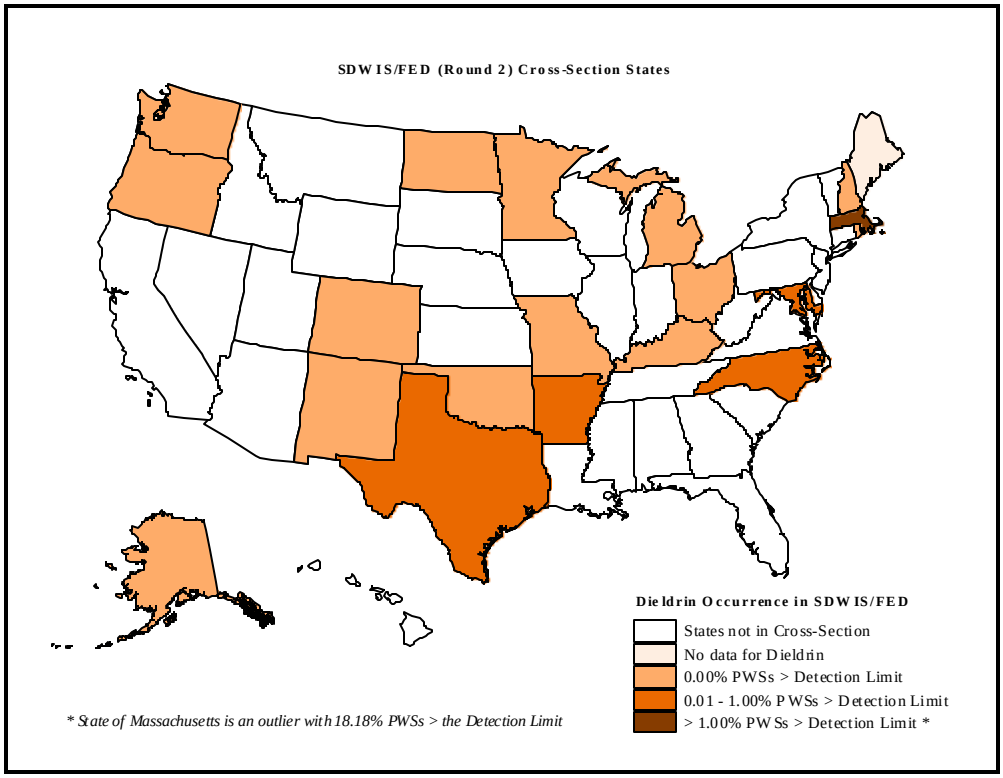


Figure VI.B.5.b. Distribution of Dieldrin Occurrence - SDWIS/FED (Round 2) Data



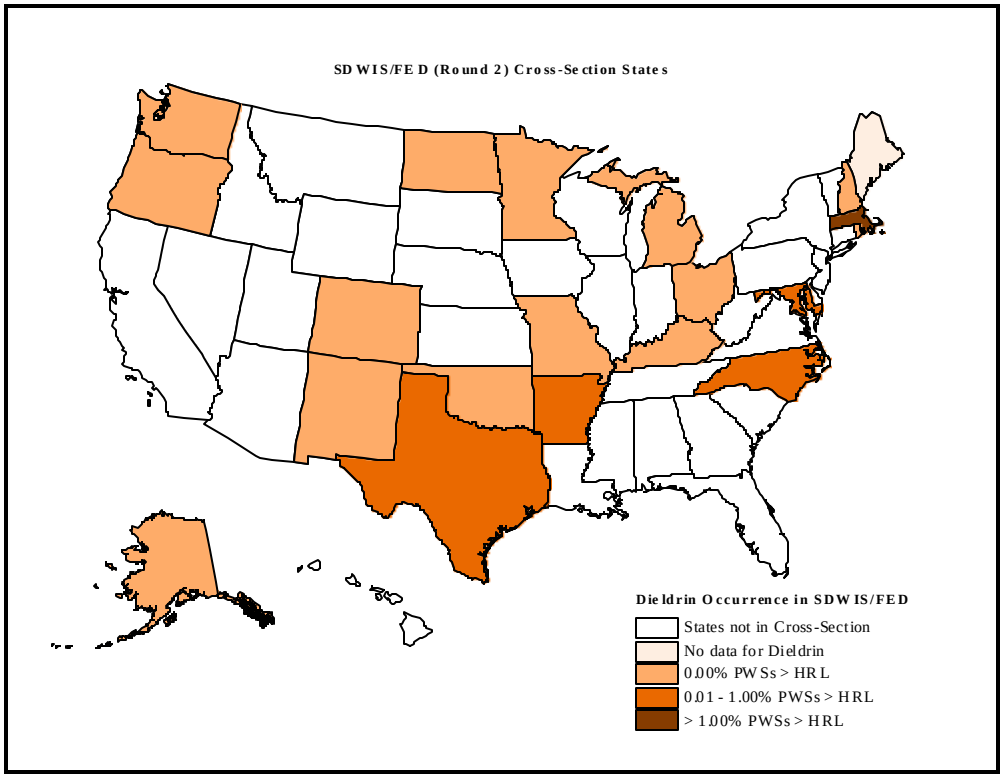
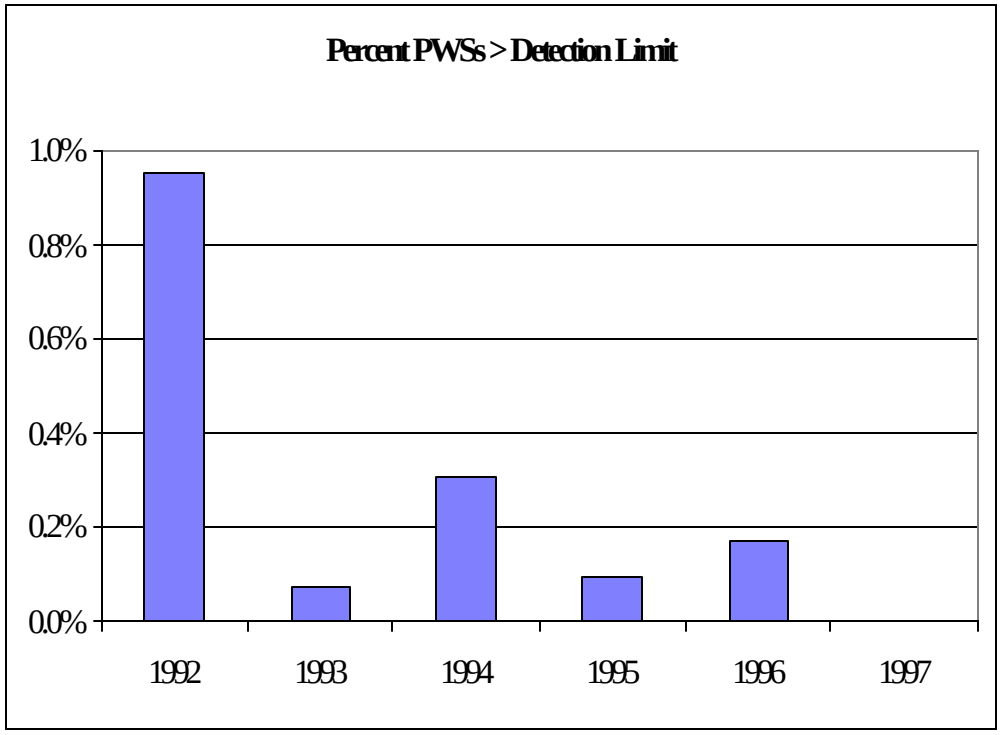
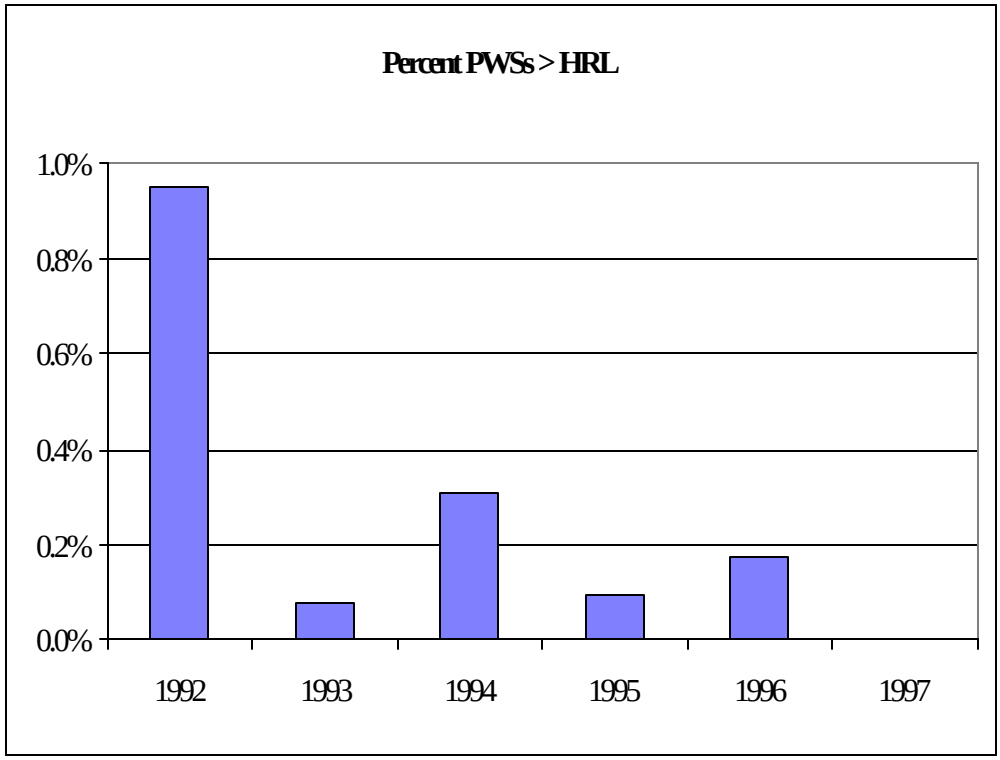


Figure VI.B.5.c. Dieldrin Occurrence By Year - SDWIS/FED (Round 2)





VI.B.6. Metolachlor

Metolachlor, in Figures VI.B.6.a to VI.B.6.c, also appears to be of widespread, but generally low, occurrence. Again, note the number and location of states with no metolachlor data.

Figure VI.B.6.a. Detections of Metolachlor - All States with Data in SDWIS/FED (Round 2)

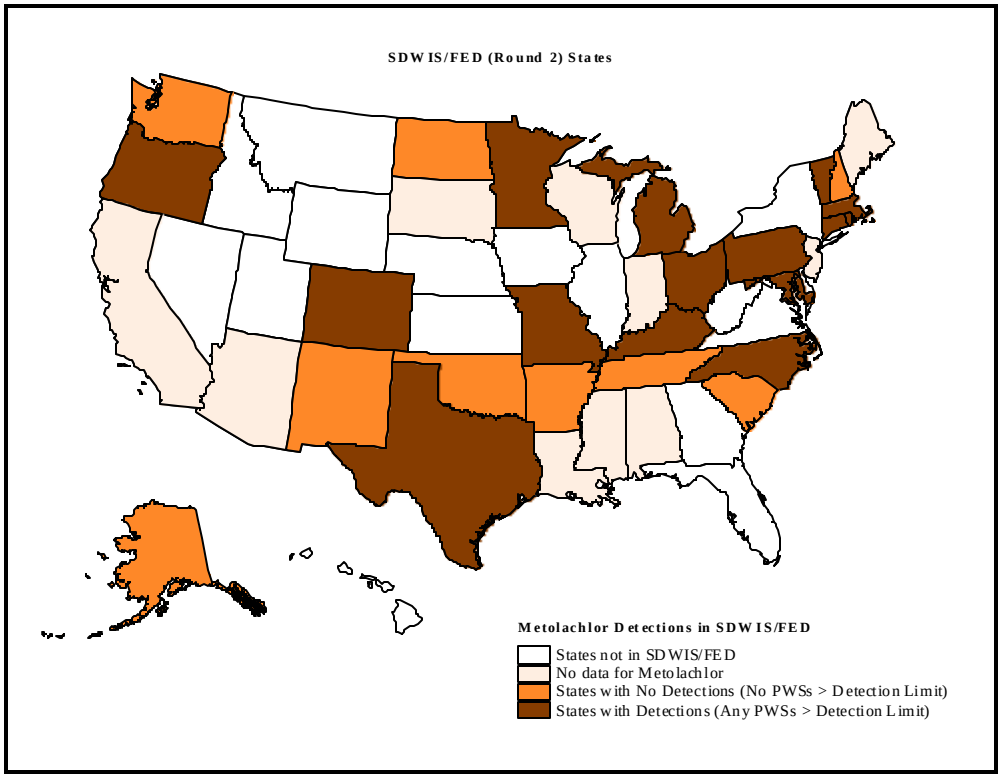
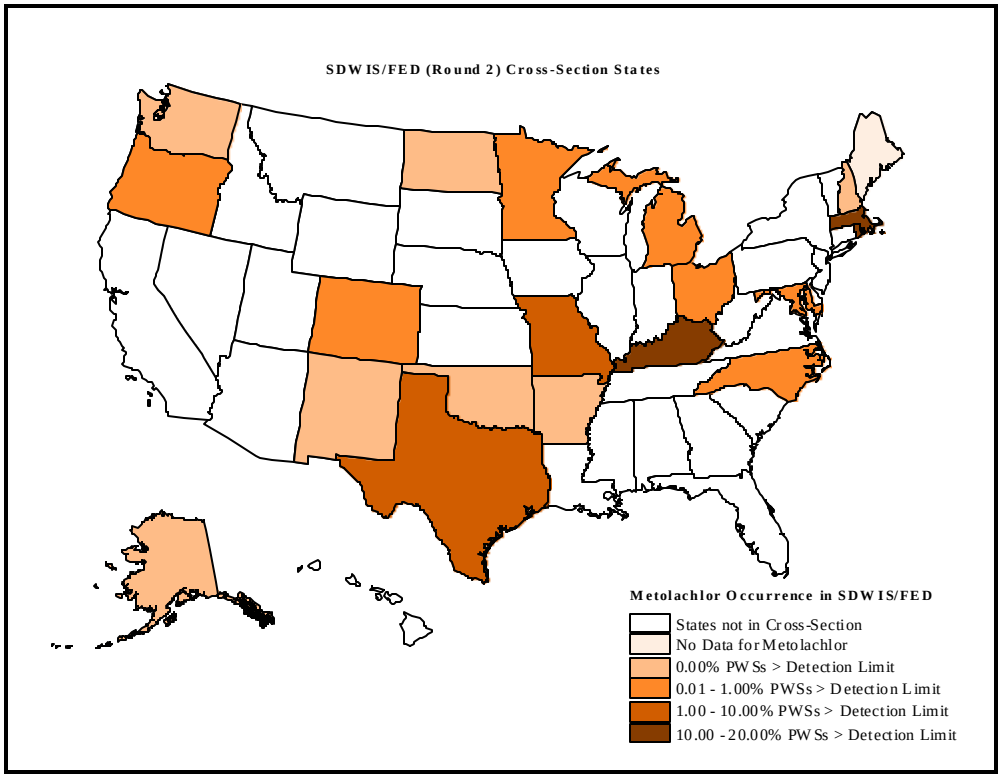


Figure VI.B.6.b. Distribution of Metolachlor Occurrence - URCIS (Round 1) Data



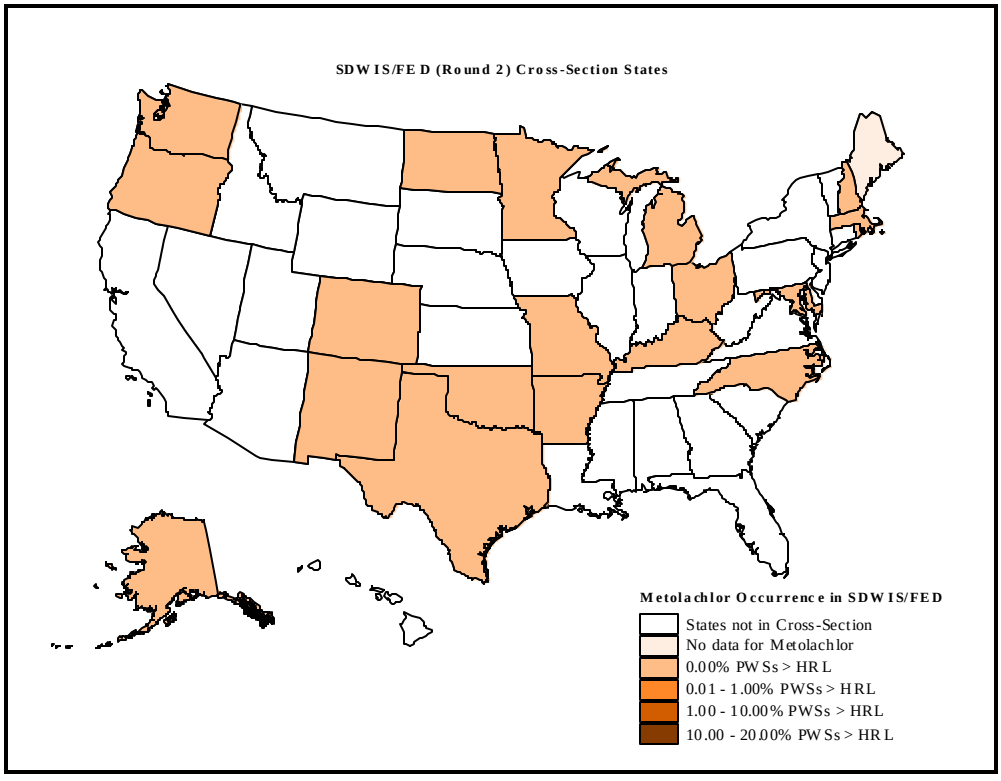
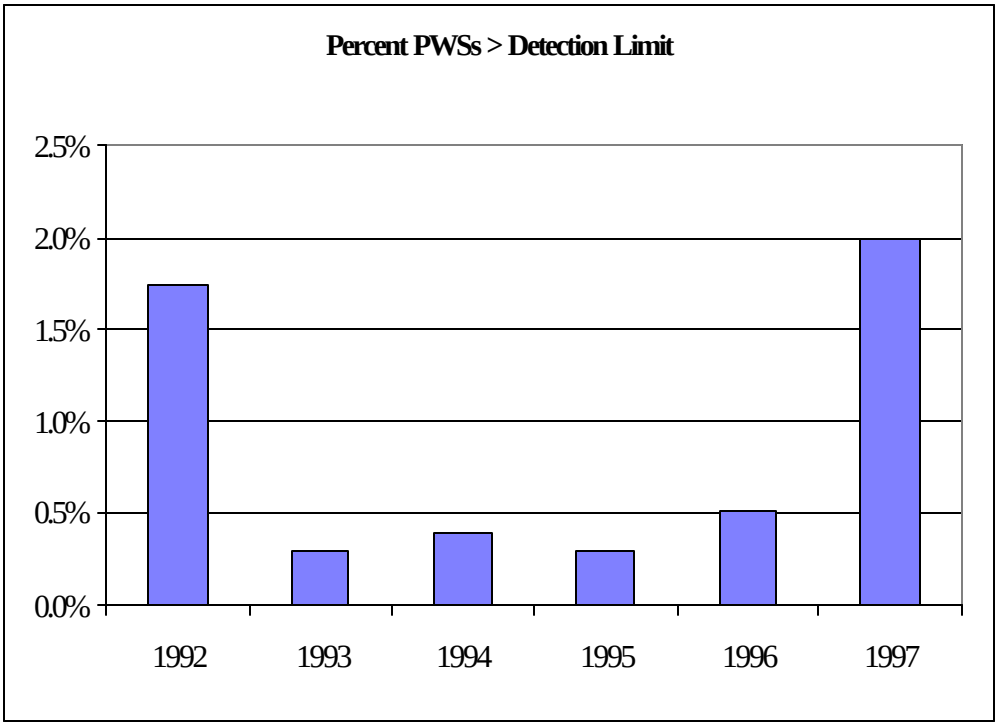


Figure VI.B.6.c. Metolachlor Occurrence By Year - SDWIS/FED (Round 2)



There are no PWSs with analytical results exceeding the concentration value of the HRL for Metolachlor in SDWIS/FED (Round 2).

VI.B.7. 1,1-Dichloroethane

Figures VI.B.7.a through VI.B.7.e present occurrence findings for 1,1-dichloroethane. Data are available from both Round 1 and Round 2 for 1,1-dichloroethane (as well as chloromethane and chloroform). As is shown in Figure VI.B.7.a, the occurrence of 1,1-dichloroethane is extensive, where public water systems with at least one detection of 1,1-dichloroethane occur in 42 of the 46 states with data (there is a total of 46 cross-section and non-cross-section states with 1,1-dichloroethane data in either URCIS [Round 1] and SDWIS/FED [Round 2]). In Figure VI.B.7.b, the upper map shows that public water systems with at least one detection of 1,1-dichloroethane occur in 32 of the 34 combined cross-section states (all cross-section states combined from URCIS [Round 1] and SDWIS/FED [Round 2]). Occurrence based on the MCL is shown in the lower map of Figure VI.B.7.b. As described previously, 'cross-section' maps (such as the maps in Figure VI.B.7.b) include data from the cross-section states only. In contrast, the 'all states' map (the map in Figure VI.B.7.a) include data from all states in either the URCIS (Round 1) or SDWIS/FED (Round 2) database. States not in the cross-section contain data that are biased either due to selective reporting (PWSs reported only or mainly detections) or because the state data derive from an incomplete number of PWSs (the number of PWSs reporting is significantly less than the known number of PWSs in a particular state). Neither of these types of data bias, however, affect the determination of whether or not any detections are present at the state level. Therefore, the (biased) data can be used here to expand the spatial coverage.

Figure VI.B.7.b, combining the cross-section state data from URCIS (Round 1) and SDWIS/FED (Round 2) provides a more complete picture of occurrence than can be seen in Figure VI.B.7.c. Based on the percentage of PWSs with analytical results greater than the detection limit (the upper map in Figure VI.B.7.b), there appears to be generally higher levels of occurrence in states east of the Mississippi River. Again, supplemental information (such as regional studies) would be necessary to make definitive conclusions on 1,1-dichloroethane occurrence distributions.

The distributions of 1,1-dichloroethane occurrence are based on the detections in Figure VI.B.7.c independently for URCIS (Round 1) cross-section data in the upper map and for SDWIS/FED (Round 2) cross-section data in the lower map.

Figure VI.B.7.d traces 1,1-dichloroethane occurrence by year from 1984/85 to 1997. Data from 1984 to 1992 are from URCIS (Round 1), and data from 1992 to 1997 are from SDWIS/FED (Round 2). (The database coverage overlap explains why there are two 1992 periods of data in the graph; to the left is the last year of the Round 1 data, and to the right is the first year of the Round 2 data.) Even considering the possible influences of regulatory changes due to SDWA amendments in 1986 and 1993, there appears to be a decrease in the occurrence of 1,1-dichloroethane over this ten year period when based on either percent PWSs with analytical results greater then the detection limit (upper graph) or greater than the MCL (lower graph).

Figure VI.B.7.e compares 1,1-dichloroethane occurrence from Round 1 to Round 2 for the 8 states with data in both sampling rounds. With occurrence based on the detection limit (upper graph), no consistent temporal trend is suggested for the data from the 8 states between URCIS (Round 1) to SDWIS/FED (Round 2); in some states SDWIS/FED (Round 2) occurrence results are higher, and in some states lower. When occurrence is based on MCLs (lower graph), there is an apparent decreasing trend of 1,1-dichloroethane occurrence in 4 of the 8 states (with the other 4 states indicating no occurrence in either rounds). The results in Figure VI.B.7.e seem to at least partially corroborate the decreasing occurrence trend indicated the aggregated cross-section state data in Figure VI.B.7.d (above).

Figure VI.B.7.a. Detections of 1,1-Dichloroethane - All States with data in URCIS (Round 1) and SDWIS/FED (Round 2)

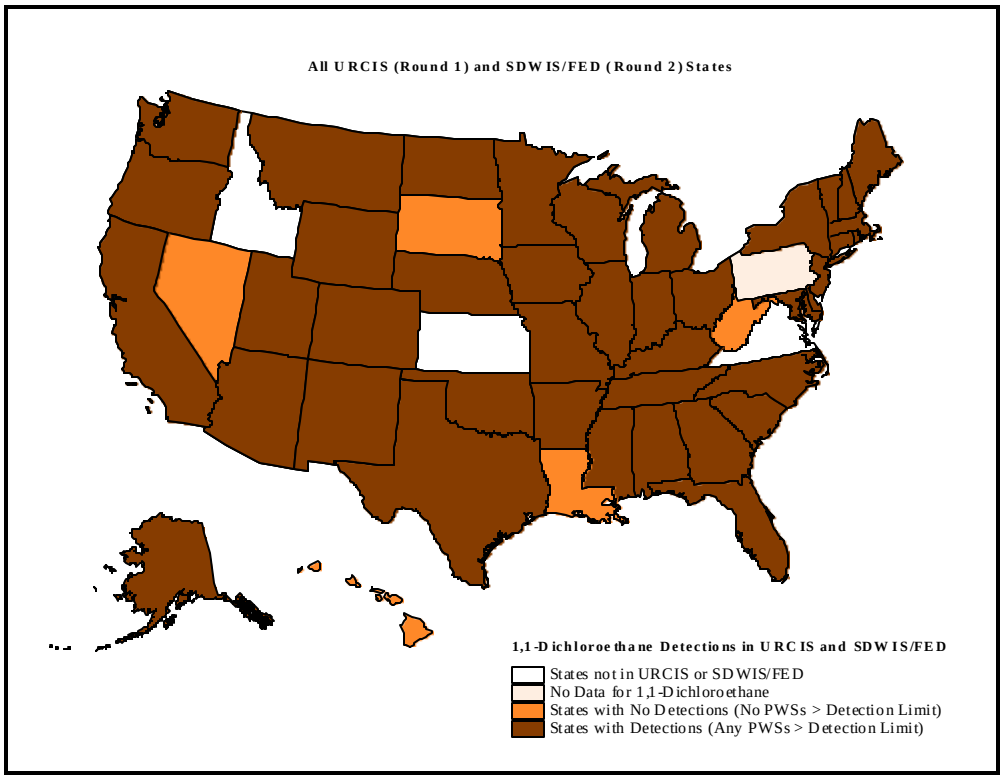
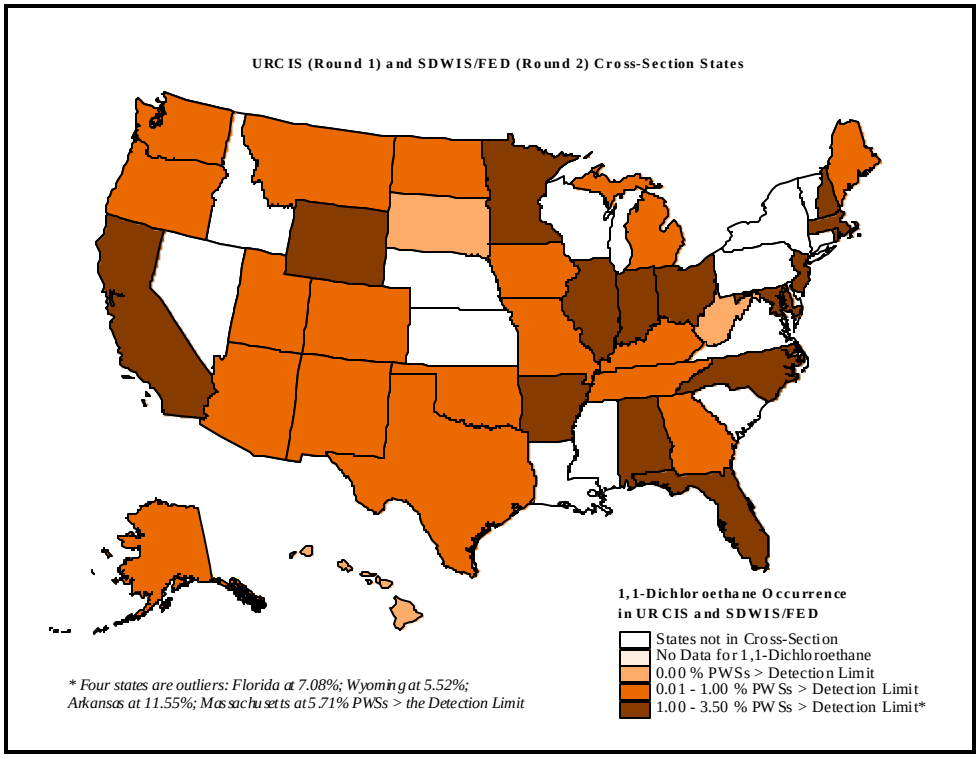


Figure VI.B.7.b. Round 1 and Round 2 cross-section states with PWSs with detections of 1,1-Dichloroethane (above) and with concentrations above the MCL (below)



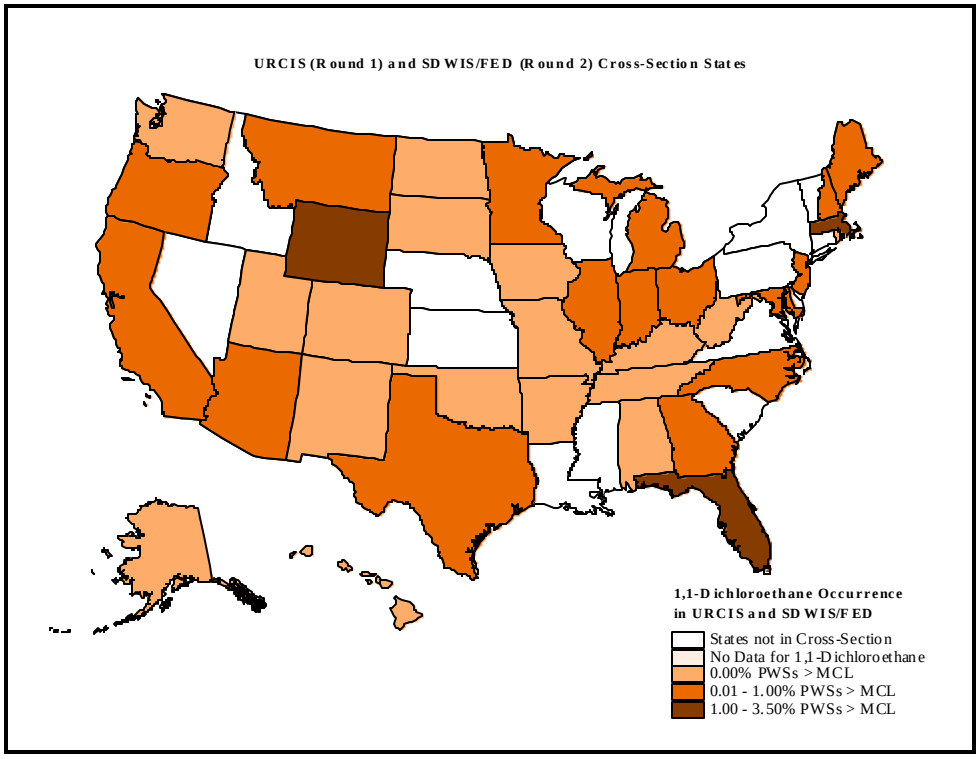
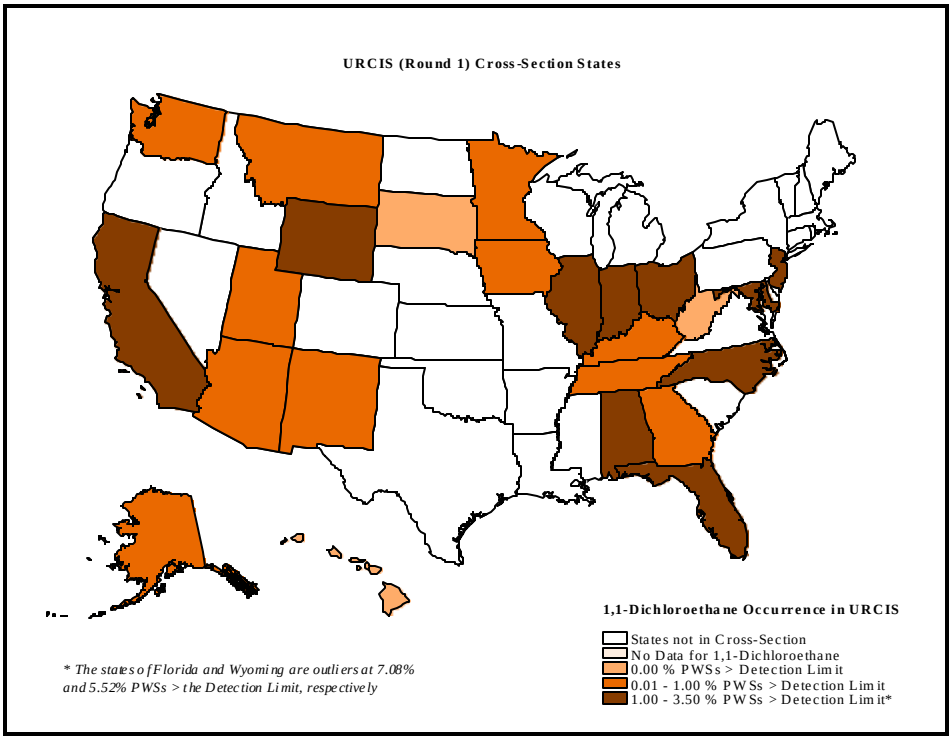


Figure VI.B.7.c. States with PWSs with detections of 1,1-Dichloroethane (any PWSs with results greater than the detection limit) for Round 1 (upper map) and Round 2 (lower map) cross-section states



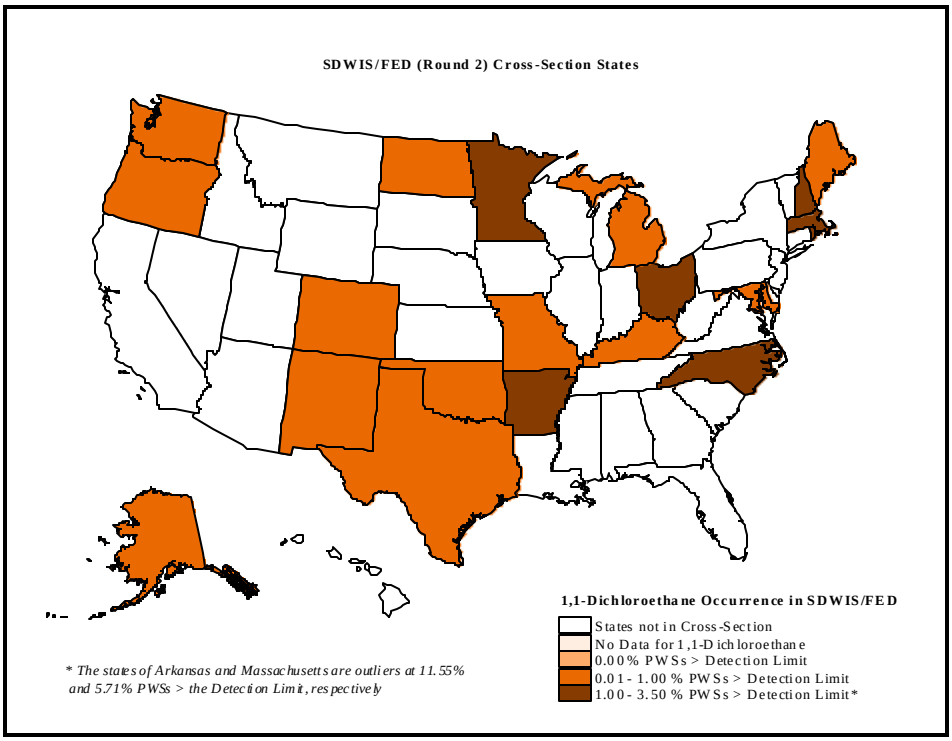
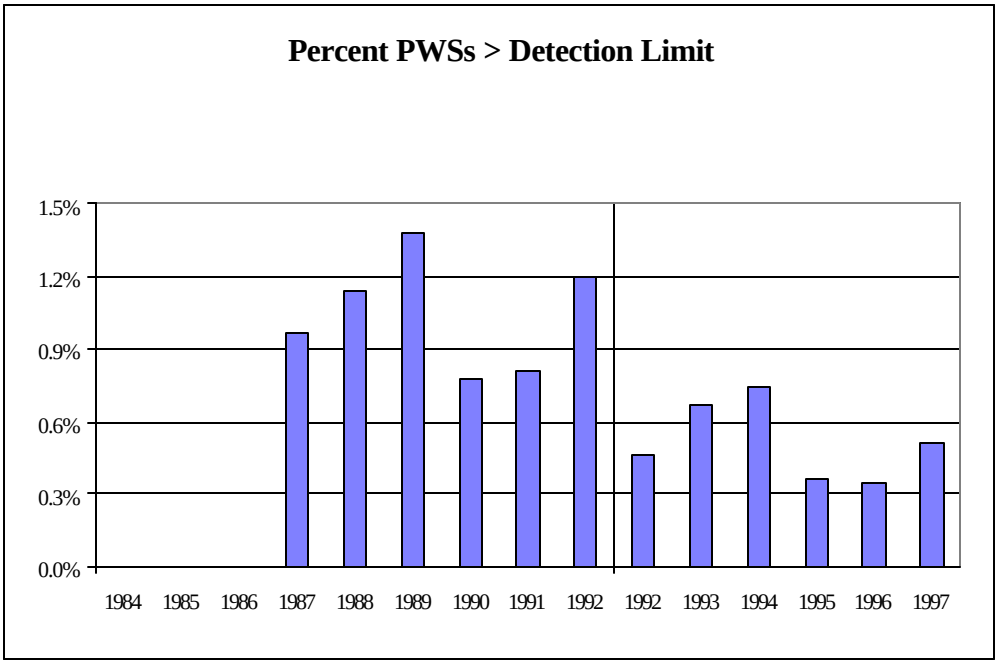
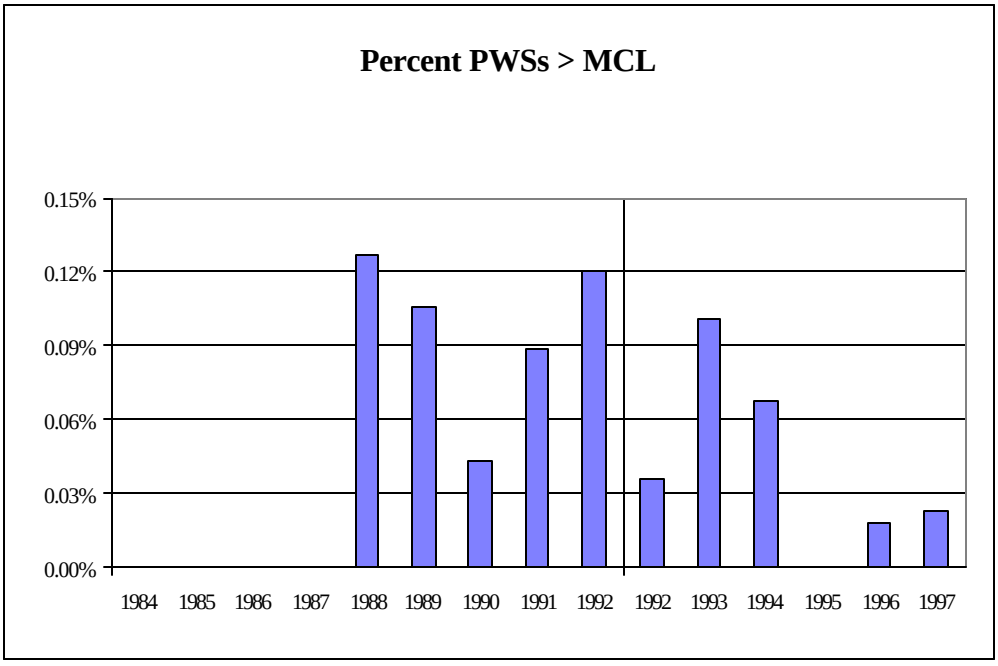


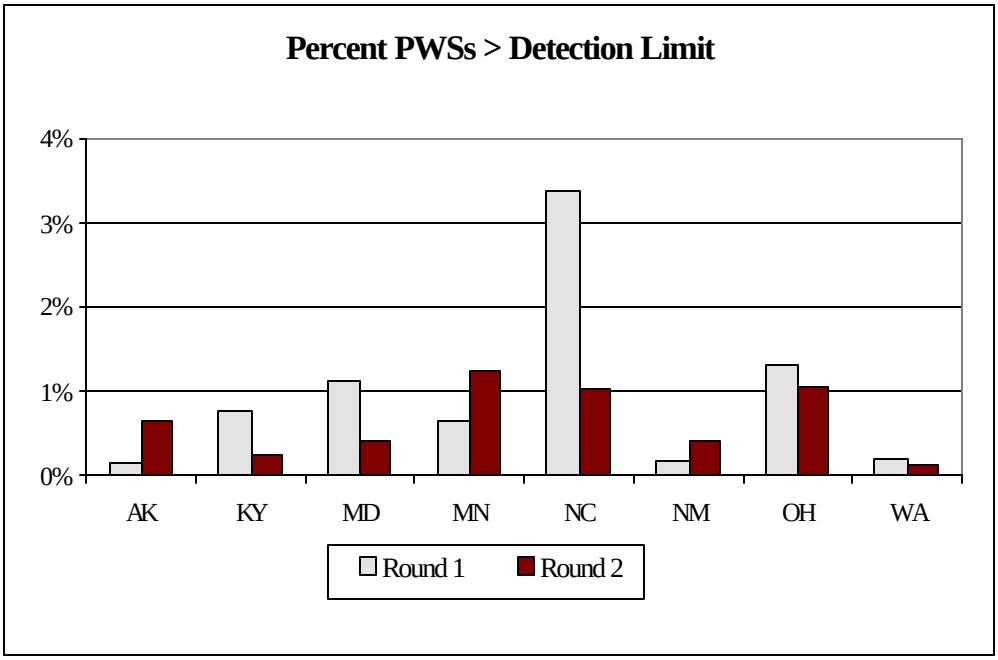
Figure VI.B.7.d. 1,1-Dichloroethane Occurrence By Year (1984 - 1997)

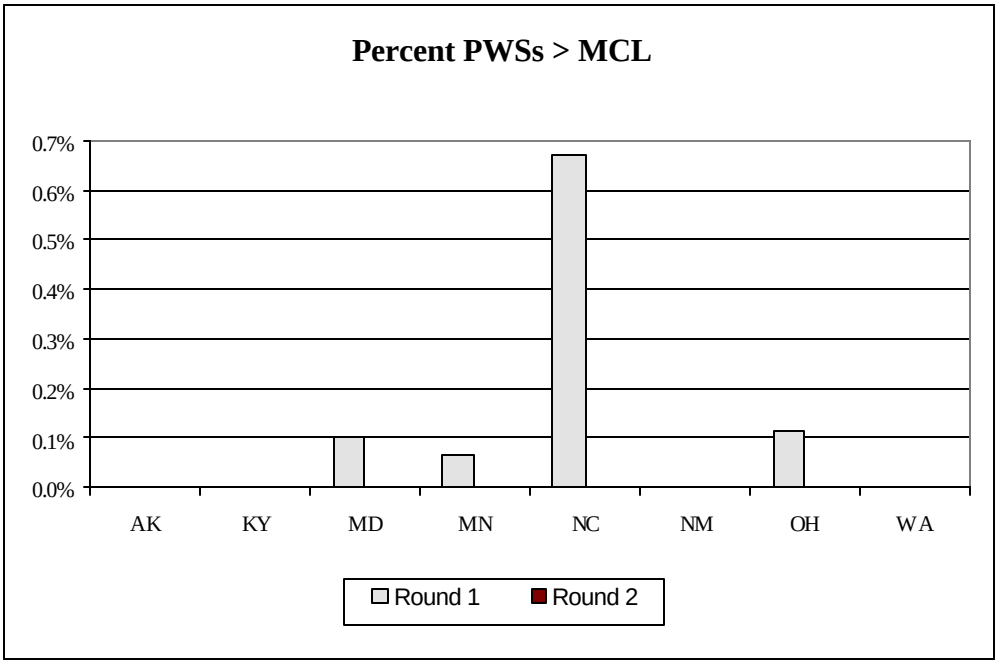




The vertical line in both graphs, located between the 1992 listings, marks the division between Round 1 data (for years less than and equal to 1992) to the left of the line, and Round 2 data (for years greater than and equal to 1992) to the right.

Figure VI.B.7.e. Occurrence of 1,1-Dichloroethane By State - URCIS (Round 1) and SDWIS/FED (Round 2)





VI.B.8. Chloromethane

Detections and distribution of chloromethane are addressed with maps and graphs (Figures VI.B.8.a to VI.B.8.e) similar to those for 1,1-dichloroethane. Chloromethane is of widespread and relatively high levels of occurrence (see Figures VI.B.8.a, .b, .c). There also appears to be a relatively wide range of occurrence levels as well, which is best seen in Figure VI.B.8.b (noting the "outlier" occurrence states). Temporally, occurrence trends may have decreased from 1988 to 1992, but appear to be stabilizing (Figure VI.B.8.d lower map) or, by other measures increasing (Figure VI.B.8.d upper map).

Figure VI.B.8.a. Detections of Chloromethane - All States with Data in URCIS (Round 1) and SDWIS/FED (Round 2)

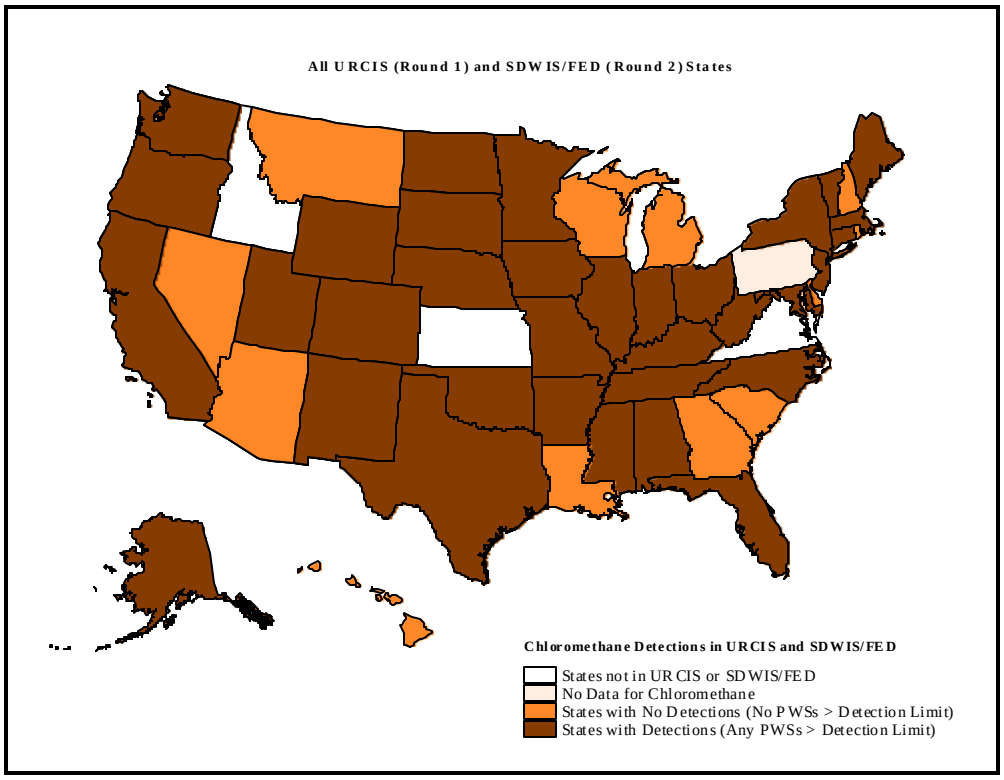
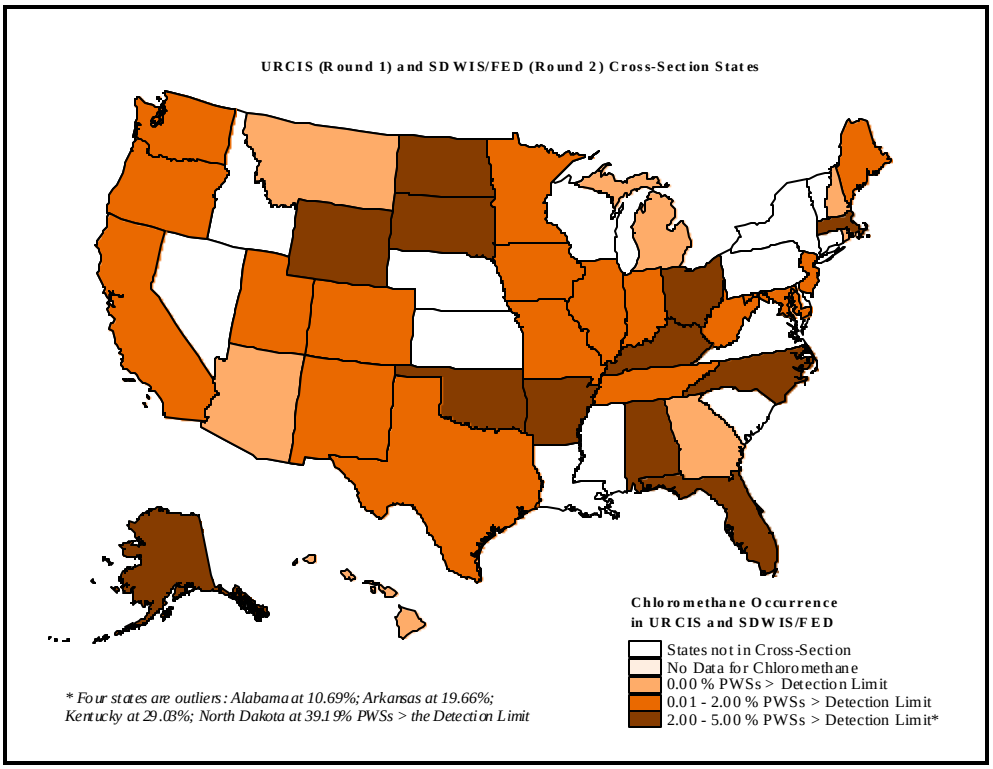


Figure VI.B.8.b. Round 1 and Round 2 cross-section states with PWSs with detections of Chloromethane (above) and with concentrations above the Health Reference Level (HRL, below)



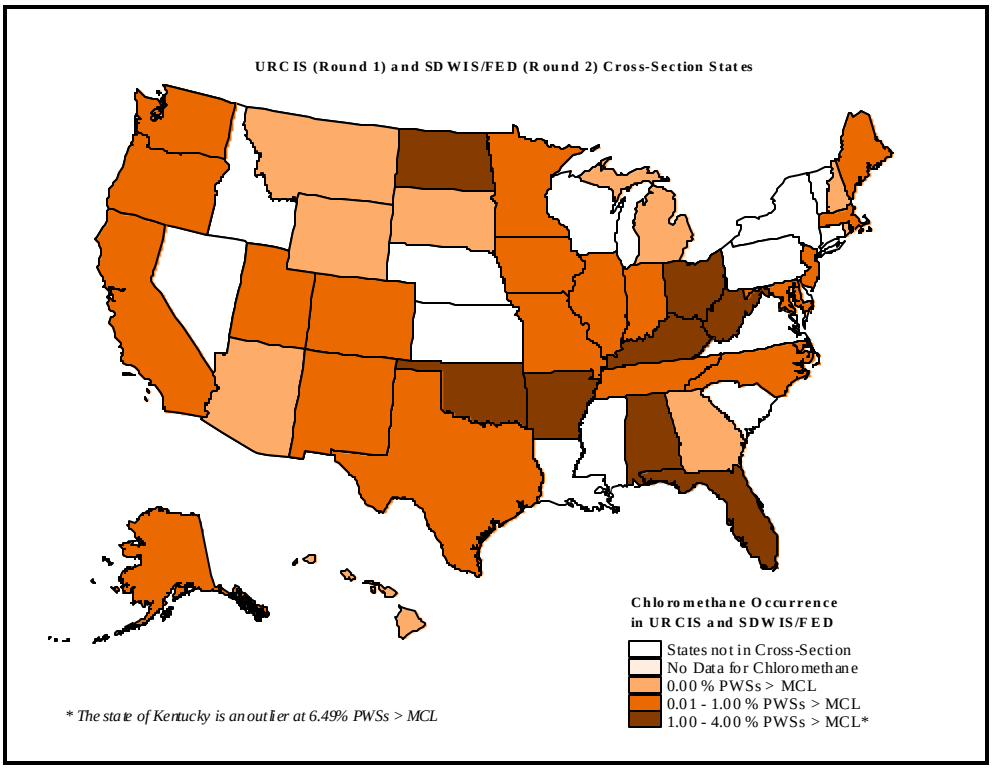
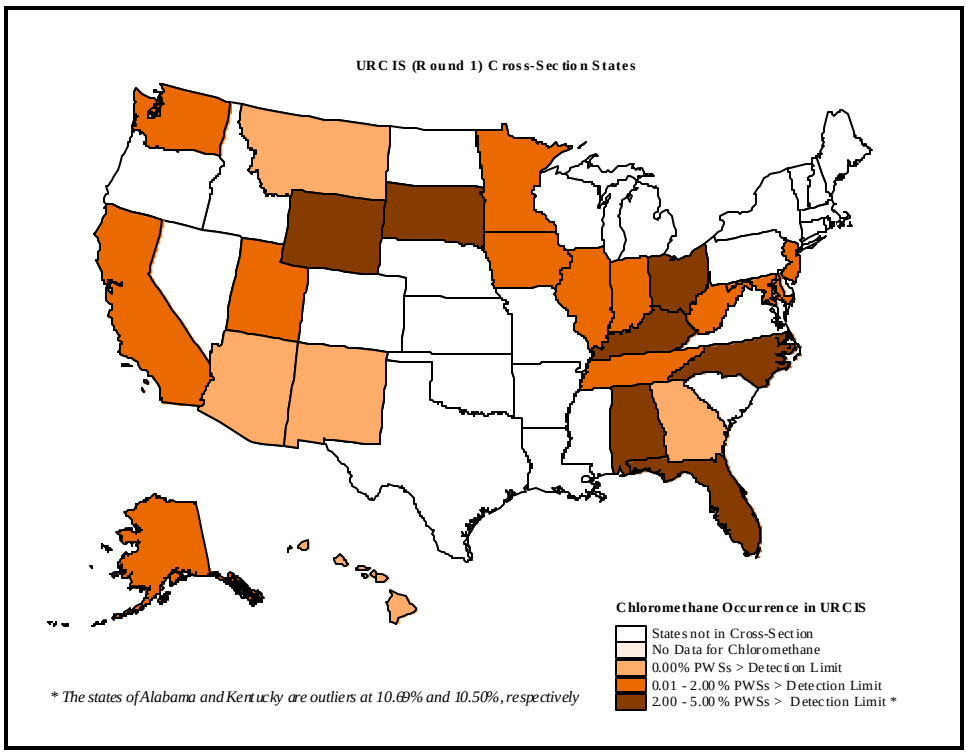


Figure VI.B.8.c. States with PWSs with detections of Chloromethane (any PWSs with results greater than the detection limit for Round 1 (upper map) and Round 2 (lower map) cross-section states



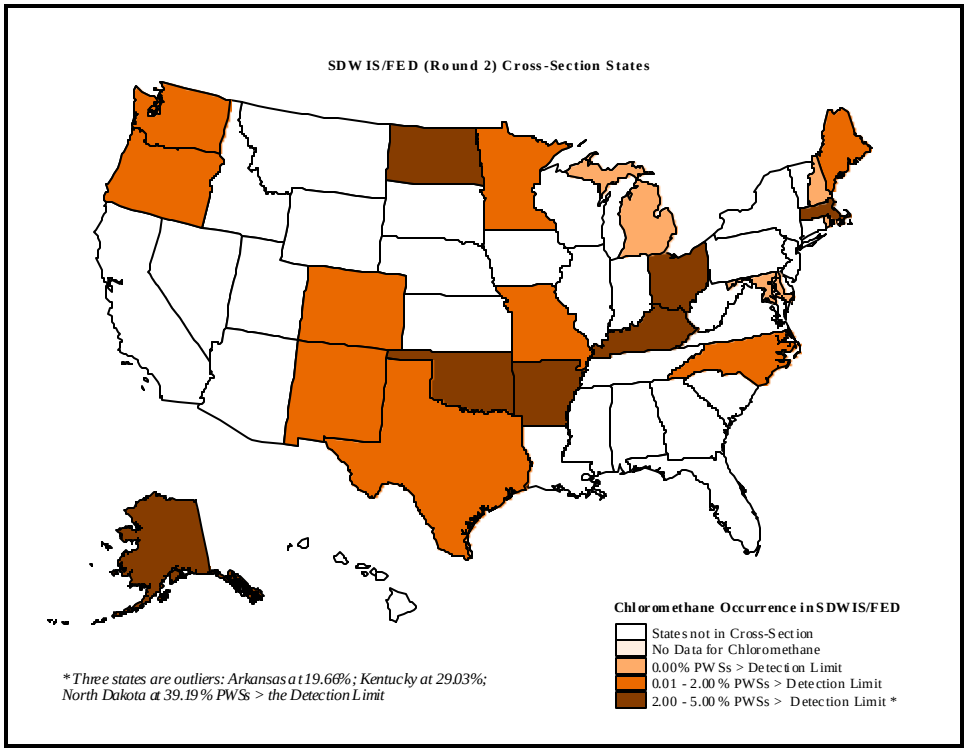
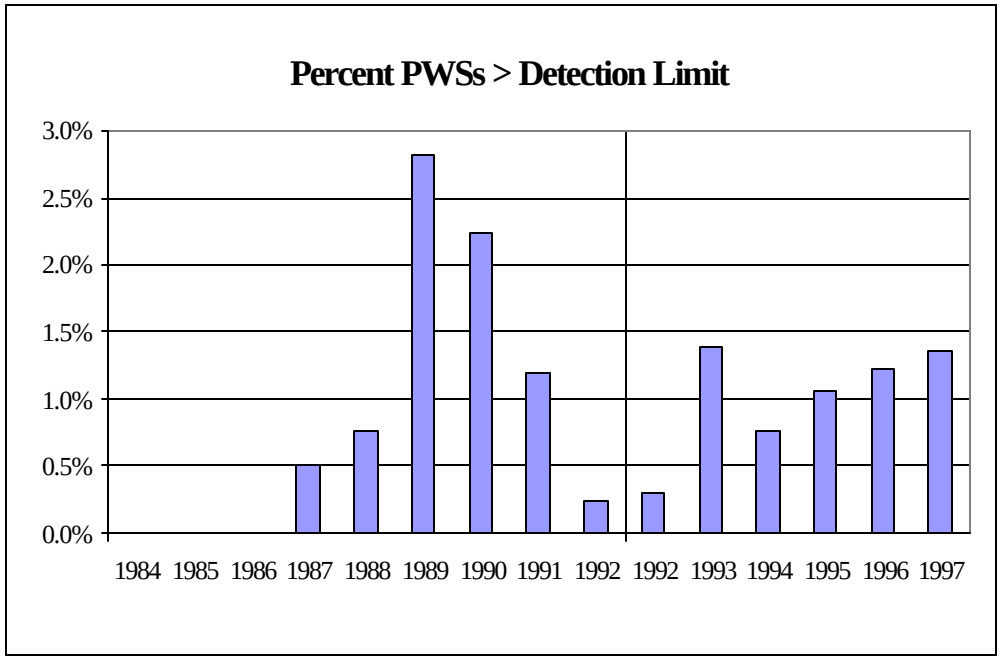
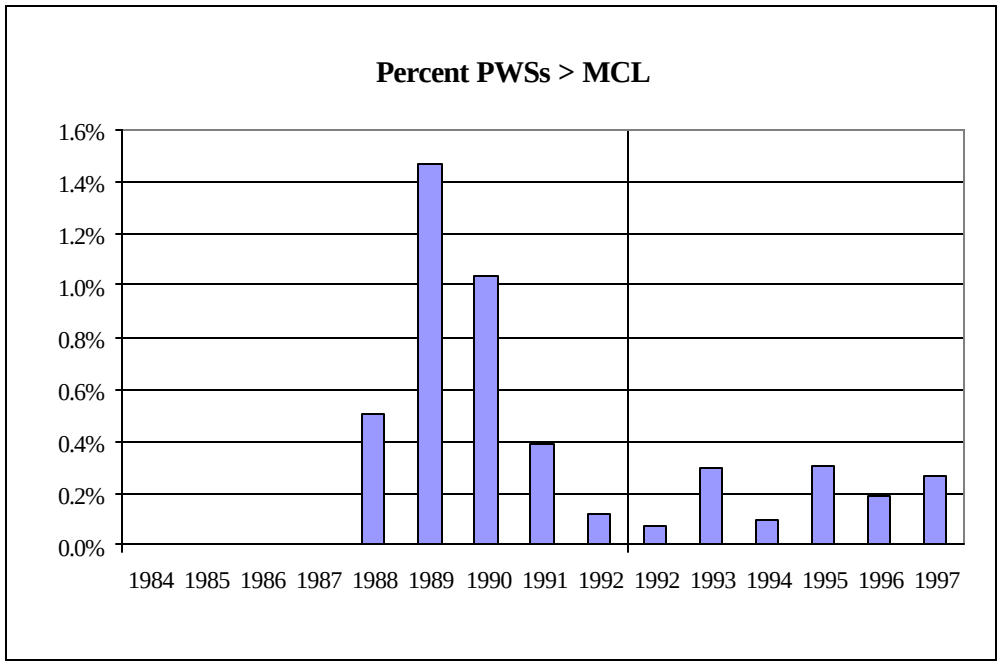


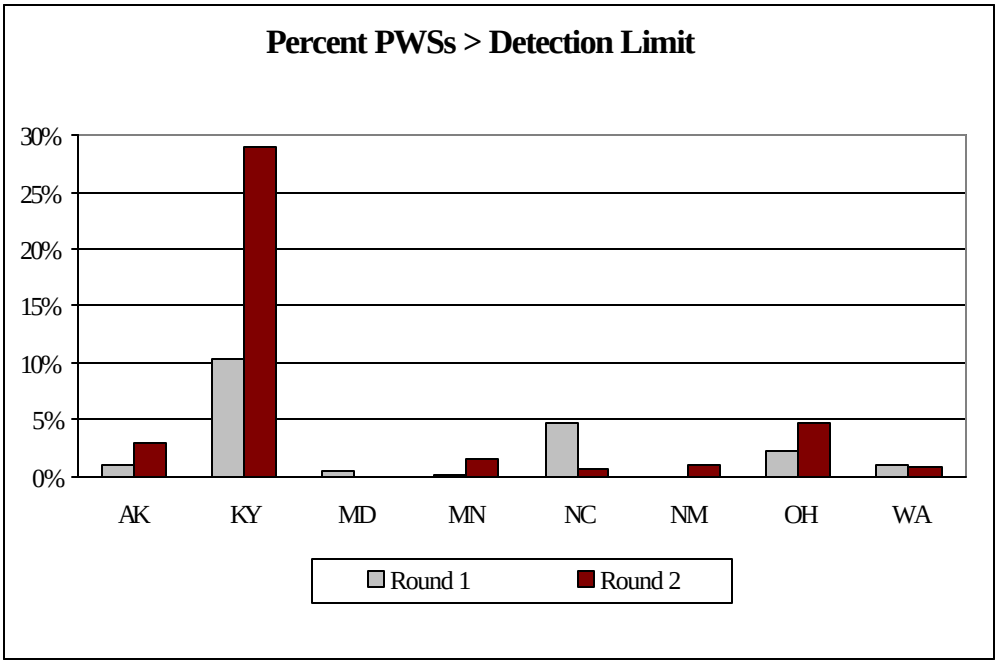
Figure VI.B.8.d. Chloromethane Occurrence By Year (1984 - 1997)

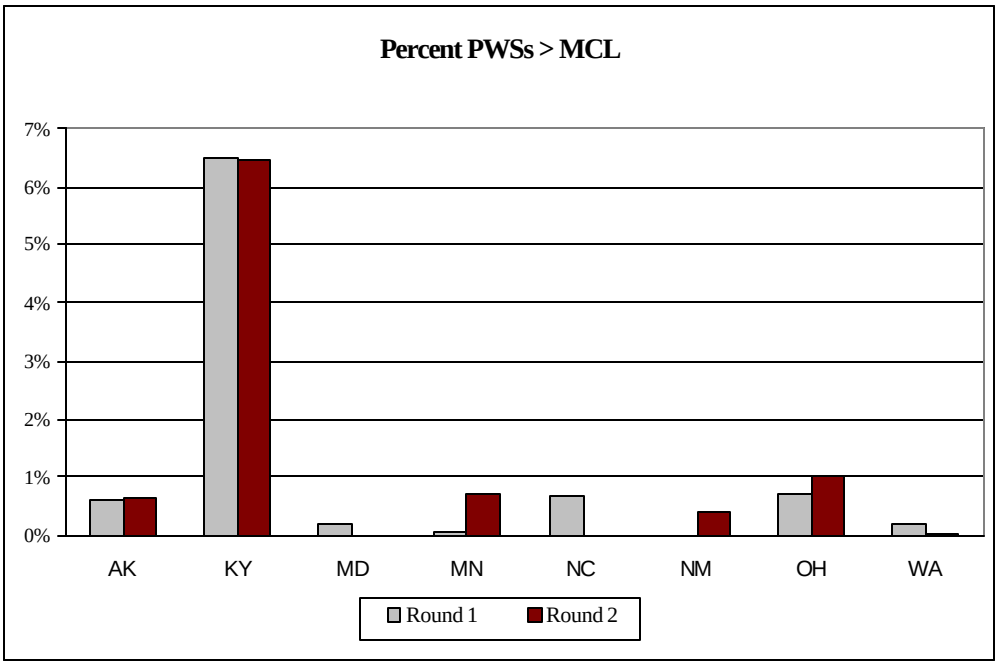




The vertical line in both graphs, located between the 1992 listings, marks the division between Round 1 data (for years less than and equal to 1992) to the left of the line, and Round 2 data (for years greater than and equal to 1992) to the right.

Figure VI.B.8.e. Occurrence of Chloromethane By State - URCIS (Round 1) and SDWIS/FED (Round 2)

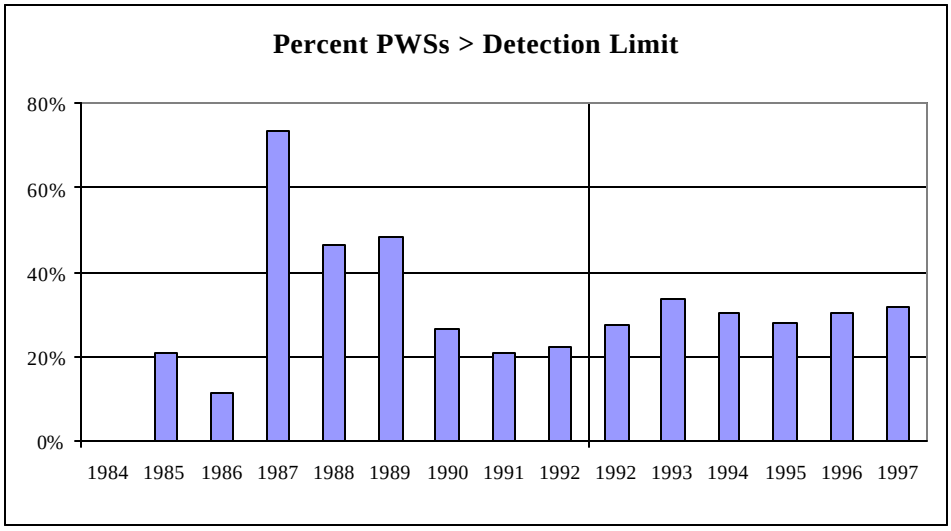


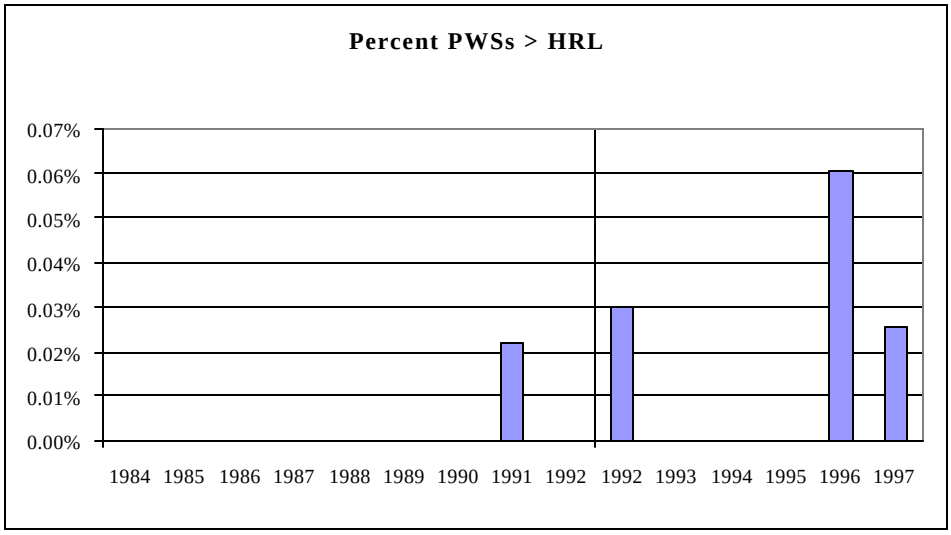


VI.B.9. Chloroform

Chloroform is evaluated graphically only in Figures VI.B.9.a and VI.B.9.b. Occurrence for chloroform, as is typical of the THMs, is relatively high based on the percent of systems with analytical detections (see the upper graphs in both Figure VI.B.9.a and b). In contrast, the occurrence of chloroform in public water systems greater than the HRL are relatively low (lower graphs of Figure VI.B.9.a and b). Also in Figure VI.B.9.b, when comparing chloroform occurrence in Round 1 to Round 2 in the same states, it appears that occurrence has increased from Round 1 to Round 2.

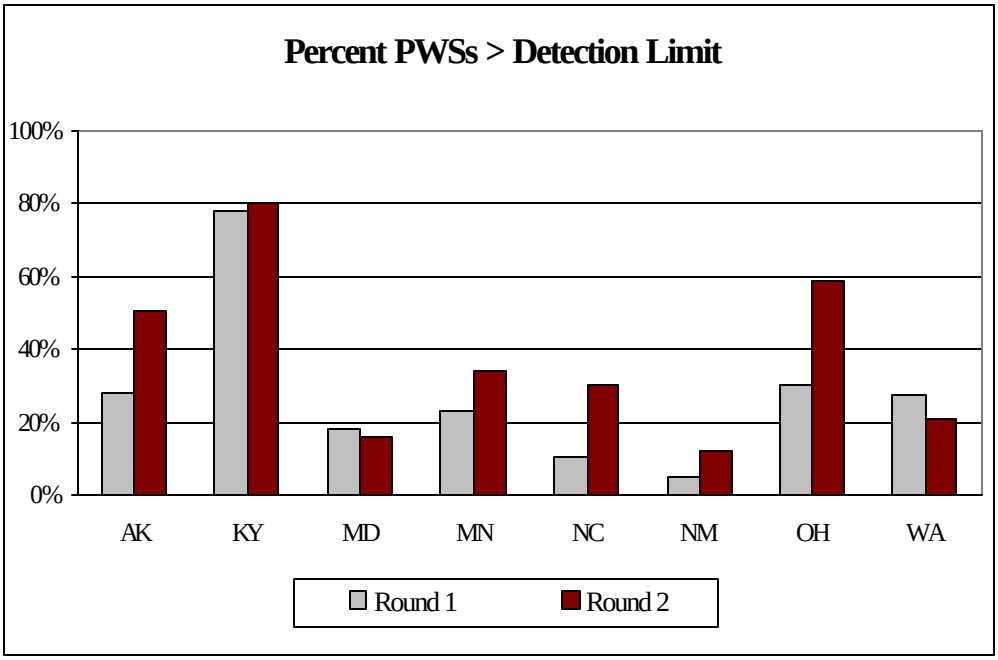
Figure VI.B.9.a. Chloroform Occurrence By Year (1984 - 1997)

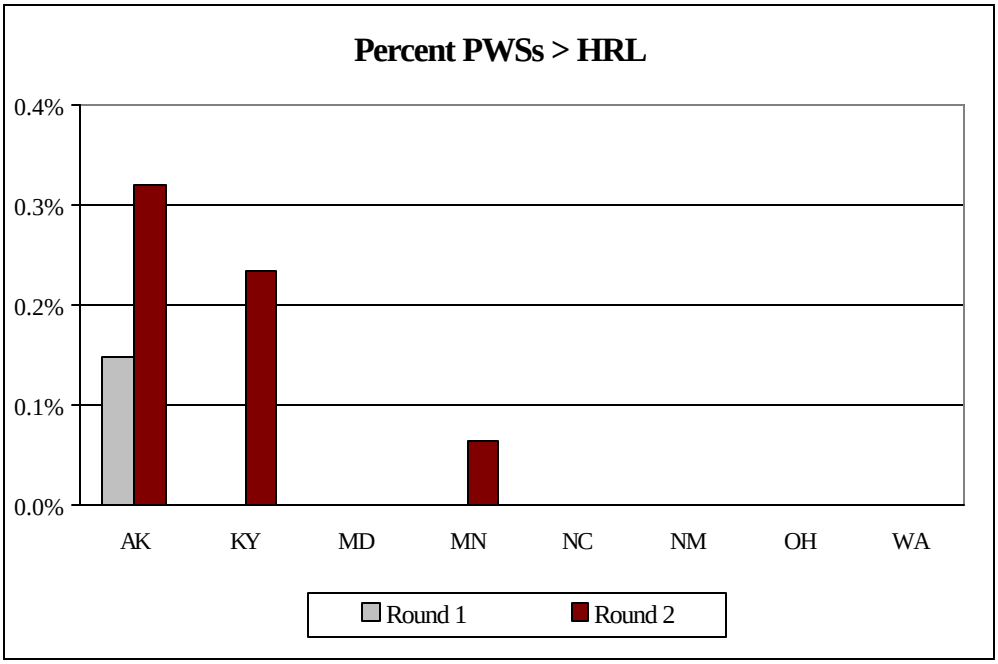




The vertical line in both graphs, located between the 1992 listings, marks the division between Round 1 data (for years less than and equal to 1992) to the left of the line, and Round 2 data (for years greater than and equal to 1992) to the right.

Figure VI.B.9.b. Occurrence of Chloroform By State - URCIS (Round 1) and SDWIS/FED (Round 2)

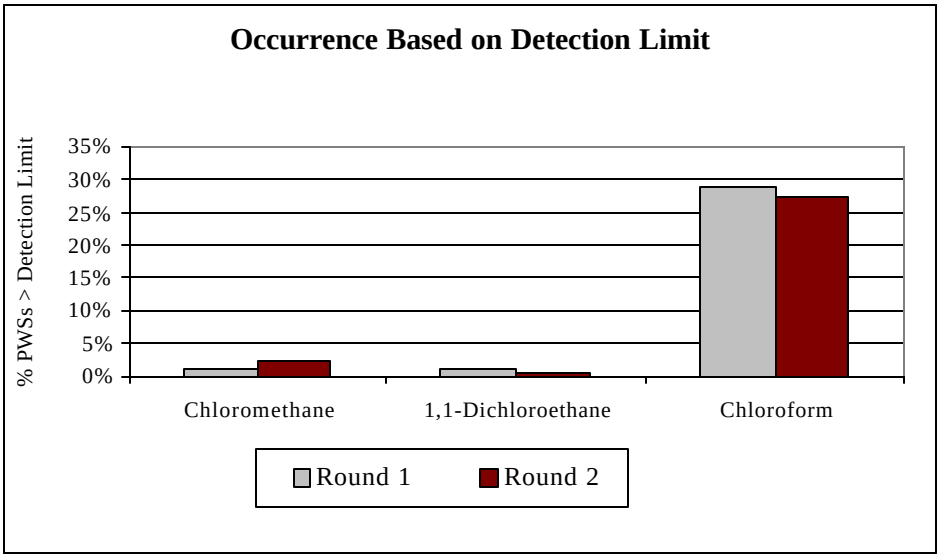


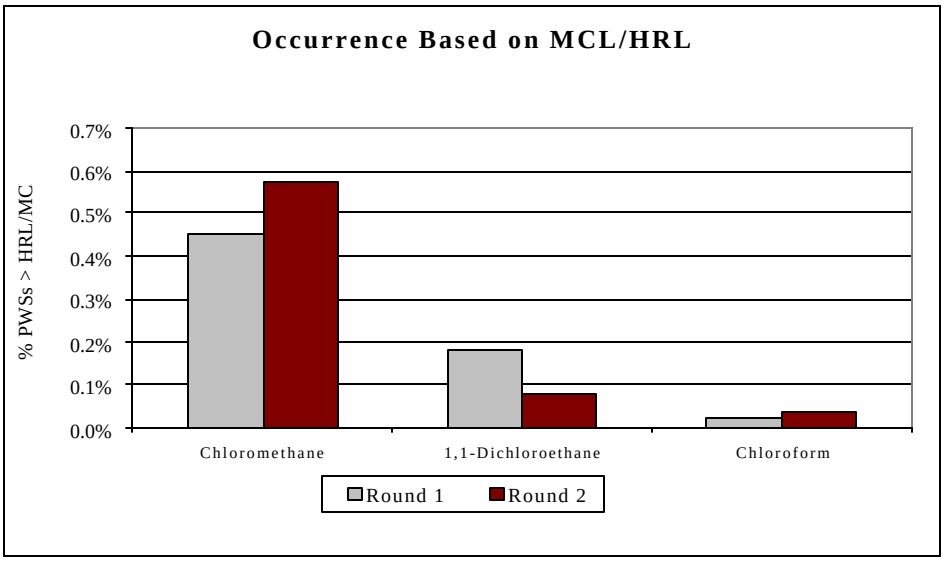


VI.B.10. Comparison of Occurrence in URCIS (Round 1) and SDWIS/FED (Round 2)

Figure VI.B.10.a shows occurrence findings for these three contaminants: chloromethane, 1,1-dichloroethane, and chloroform. No trend between URCIS (Round 1) and SDWIS/FED (Round 2) findings is distinct or apparent. (The differences between occurrence based on MRL versus the HRL/MCL are due, in part, to the relative values of each contaminant's MRL and HRL/MCL. Often when a contaminant has a very low HRL/MCL, close to its MRL, a large portion of analytical detections are at concentrations that also exceed the relatively low HRL/MCL value.)

Figure VI.B.10.a. Occurrence in URCIS (Round 1) and SDWIS/FED (Round 2)





APPENDICES

Appendix A. URCIS (Round 1) Data Summary

Table A.1.a URCIS (Round 1) Data- Dibromochloropropane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	643	522	126	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	131	93	42	10.69%	12.90%	4.76%	4.58%	5.38%	2.38%	1.14
AR										
AZ	500	452	64	1.60%	1.11%	4.69%	0.80%	0.66%	1.56%	0.20
CA	1,716	1,639	125	14.28%	14.83%	4.00%	8.10%	8.48%	0.80%	1.90
CO	5	4	2	40.00%	25.00%	50.00%	0.00%	0.00%	0.00%	0.90
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	13	11	2	7.69%	9.09%	0.00%	7.69%	9.09%	0.00%	< 2.00
FL	205	42	181	5.37%	7.14%	4.42%	3.41%	2.38%	3.31%	1.00
GA	1,163	1,054	109	1.55%	0.85%	8.26%	0.43%	0.19%	2.75%	0.20
HI										
IA	24	22	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.60
IL										
IN	335	297	39	0.30%	0.34%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	0.19%	0.00%	0.43%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	5	4	1	100.00%	100.00%	100.00%	20.00%	25.00%	0.00%	6.00
MD	983	936	50	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MI										
MN	1,553	1,529	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MO	58	45	13	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 20.00
MS										
MT	562	520	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NC	297	254	44	2.02%	1.57%	4.55%	1.35%	1.18%	2.27%	0.17
NE										
NH										
NJ	99	88	11	6.06%	4.55%	18.18%	1.01%	0.00%	9.09%	0.15
NM	594	561	33	0.17%	0.18%	0.00%	0.17%	0.18%	0.00%	< 1.00
NV	6	5	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.01
NY	252	196	65	1.19%	1.53%	0.00%	0.79%	1.02%	0.00%	< 5.00
OH	2,656	2,493	167	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	< 2.00
SD	335	306	29	0.60%	0.65%	0.00%	0.30%	0.33%	0.00%	< 0.50
TN	193	139	54	2.59%	1.44%	5.56%	0.52%	0.00%	1.85%	0.20
TX	3	1	2	66.67%	100.00%	50.00%	33.33%	100.00%	0.00%	0.80
UT	34	30	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 50.00
VI	3		3	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.20
VT										
WA										
WV	135	62	74	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
WY	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
TOTAL	13,186	11,721	1,605	2.54%	2.53%	2.55%	1.32%	1.37%	0.93%	1.00
24 STATES	12,827	11,446	1,511	2.49%	2.51%	2.32%	1.32%	1.35%	0.99%	1.03

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Dibromochloropropane is 0.2 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.1.b URCIS (Round 1) Data- Dibromochloropropane Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	643	1,496	1,241	255	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL	131	351	244	107	5.41%	6.56%	2.80%	< 0.02	1.14	478.00	0.02	0.15
AR												
AZ	500	1,491	1,073	418	1.95%	0.93%	4.55%	< 0.00	0.20	10.00	0.02	0.02
CA	1,716	17,461	16,913	548	32.83%	33.83%	2.01%	< 0.00	1.90	116.00	0.01	0.16
CO	5	38	34	4	55.26%	55.88%	50.00%	< 0.00	0.90	0.09	0.03	0.06
DC	1	47	0	47	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	339	195	144	0.59%	1.03%	0.00%	< 0.02	< 2.00	35.10	10.00	22.55
FL	205	284	65	219	3.87%	4.62%	3.65%	< 0.00	1.00	2.50	0.01	0.80
GA	1,163	2,460	1,862	598	5.57%	6.71%	2.01%	< 0.02	0.20	0.50	0.02	0.02
HI												
IA	24	91	64	27	0.00%	0.00%	0.00%	< 0.02	< 0.60	< 0.60		
IL												
IN	335	2,006	1,529	477	0.10%	0.13%	0.00%	< 0.01	< 2.00	0.13	0.13	0.13
KY	524	2,311	1,172	1,139	0.04%	0.00%	0.09%	< 0.01	< 1.00	0.08	0.08	0.08
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.02	< 0.50	< 0.50		
MA	5	5	4	1	100.00%	100.00%	100.00%	0.02	6.00	0.02	0.02	0.06
MD	983	1,747	1,375	372	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 1.00		
MI												
MN	1,553	2,656	2,588	68	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 20.00		
MO	58	166	142	24	0.00%	0.00%	0.00%	< 0.02	< 20.00	< 20.00		
MS												
MT	562	1,611	1,368	243	0.00%	0.00%	0.00%	< 0.05	< 1.00	< 1.00		
NC	297	644	569	75	2.48%	2.28%	4.00%	< 0.02	0.17	2.90	0.02	0.13
NE												
NH												
NJ	99	297	213	84	2.02%	1.88%	2.38%	< 0.02	0.15	0.50	0.08	0.13
NM	594	1,239	1,161	78	0.08%	0.09%	0.00%	< 0.00	< 1.00	6.73	6.73	6.73
NV	6	49	45	4	0.00%	0.00%	0.00%	< 0.01	< 0.01	0.01		
NY	252	1,157	932	225	0.35%	0.43%	0.00%	< 0.01	< 5.00	0.26	0.04	0.17
OH	2,656	16,086	15,167	919	0.01%	0.01%	0.00%	< 0.00	< 2.00	0.03	0.03	0.03
SD	335	444	363	81	0.45%	0.55%	0.00%	< 0.15	< 0.50	0.57	0.15	0.36
TN	193	333	189	144	1.50%	1.06%	2.08%	< 0.02	0.20	0.50	0.02	0.03
TX	3	3	1	2	66.67%	100.00%	50.00%	< 0.00	0.80	0.80	0.01	0.41
UT	34	62	53	9	0.00%	0.00%	0.00%	< 0.10	< 50.00	< 50.00		
VI	3	10	0	10	100.00%	0.00%	100.00%	0.02	0.20	0.02	0.02	0.02
VT												
WA												
WV	135	379	161	218	0.00%	0.00%	0.00%	< 0.02	< 5.00	< 5.00		
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.80	< 2.00	< 2.00		
TOTAL	13,186	55,598	49,000	6,598	10.80%	12.10%	1.15%	< 0.00	1.00	478.00	0.01	0.15
24 States	12,827	53,762	47,629	6,133	11.09%	12.39%	1.01%	< 0.00	1.03	478.00	0.01	0.15

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.1.c URCIS (Round 1) Data- Dibromochloropropane Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,496	643	522	126	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	351	131	93	42	10.69%	12.90%	4.76%	5.34%	6.45%	2.38%	4.58%	5.38%	2.38%
AR													
AZ	1,491	500	452	64	1.60%	1.11%	4.69%	1.00%	0.88%	1.56%	0.80%	0.66%	1.56%
CA	17,461	1,716	1,639	125	14.28%	14.83%	4.00%	9.44%	9.88%	1.60%	8.10%	8.48%	0.80%
CO	38	5	4	2	40.00%	25.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	47	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	339	13	11	2	7.69%	9.09%	0.00%	7.69%	9.09%	0.00%	7.69%	9.09%	0.00%
FL	284	205	42	181	5.37%	7.14%	4.42%	3.41%	2.38%	3.31%	3.41%	2.38%	3.31%
GA	2,460	1,163	1,054	109	1.55%	0.85%	8.26%	0.52%	0.28%	2.75%	0.43%	0.19%	2.75%
HI													
IA	91	24	22	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL													
IN	2,006	335	297	39	0.30%	0.34%	0.00%	0.30%	0.34%	0.00%	0.00%	0.00%	0.00%
KY	2,311	524	291	233	0.19%	0.00%	0.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	5	5	4	1	100.00%	100.00%	100.00%	40.00%	25.00%	100.00%	20.00%	25.00%	0.00%
MD	1,747	983	936	50	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI													
MN	2,656	1,553	1,529	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	166	58	45	13	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
MT	1,611	562	520	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	2.02%	1.57%	4.55%	1.35%	1.18%	2.27%	1.35%	1.18%	2.27%
NE													
NH													
NJ	297	99	88	11	6.06%	4.55%	18.18%	4.04%	2.27%	18.18%	1.01%	0.00%	9.09%
NM	1,239	594	561	33	0.17%	0.18%	0.00%	0.17%	0.18%	0.00%	0.17%	0.18%	0.00%
NV	49	6	5	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	1,157	252	196	65	1.19%	1.53%	0.00%	0.79%	1.02%	0.00%	0.79%	1.02%	0.00%
OH	16,086	2,656	2,493	167	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	444	335	306	29	0.60%	0.65%	0.00%	0.60%	0.65%	0.00%	0.30%	0.33%	0.00%
TN	333	193	139	54	2.59%	1.44%	5.56%	0.52%	0.00%	1.85%	0.52%	0.00%	1.85%
TX	3	3	1	2	66.67%	100.00%	50.00%	33.33%	100.00%	0.00%	33.33%	100.00%	0.00%
UT	62	34	30	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT													
WA													
WV	379	135	62	74	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	55,598	13,186	11,721	1,605	2.54%	2.53%	2.55%	1.56%	1.62%	1.12%	1.32%	1.37%	0.93%
24 States	53,762	12,827	11,446	1,511	2.49%	2.51%	2.32%	1.56%	1.62%	1.13%	1.32%	1.35%	0.99%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for la
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy
The Maximum Contaminant Level (MCL) for Dibromochloropropane is 0.2 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.2.a URCIS (Round 1) Data- Ethylene Dibromide Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	642	521	126	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	131	93	42	11.45%	13.98%	4.76%	3.05%	3.23%	2.38%	2.00
AR										
AZ	499	452	64	1.00%	0.44%	4.69%	0.20%	0.00%	1.56%	< 5.00
CA	1,512	1,432	126	3.11%	3.28%	0.79%	0.07%	0.07%	0.00%	0.40
CO	5	3	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
FL										
GA	1,163	1,054	109	1.72%	0.95%	9.17%	0.00%	0.00%	0.00%	0.20
HI										
IA	23	22	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 200.00
IL										
IN	335	297	39	1.79%	1.35%	5.13%	0.00%	0.00%	0.00%	< 4.00
KY	524	291	233	0.19%	0.34%	0.00%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	7	5	2	100.00%	100.00%	100.00%	28.57%	20.00%	50.00%	53.00
MD										
MI	1	1	0	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%	4.00
MN	1,565	1,540	29	0.06%	0.06%	0.00%	0.06%	0.06%	0.00%	< 1.00
MO	57	44	13	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS										
MT	562	520	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NC	297	254	44	4.38%	4.72%	2.27%	1.68%	1.97%	0.00%	0.25
NE										
NH										
NJ	98	87	11	4.08%	2.30%	18.18%	1.02%	0.00%	9.09%	1.20
NM	594	561	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	6	5	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.01
NY	283	217	79	1.41%	1.38%	1.27%	0.00%	0.00%	0.00%	< 1.00
OH	2,655	2,492	167	0.19%	0.20%	0.00%	0.00%	0.00%	0.00%	< 2.00
SD	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	200	144	56	5.50%	4.86%	7.14%	2.00%	1.39%	3.57%	1.46
TX	5	1	4	60.00%	100.00%	50.00%	0.00%	0.00%	0.00%	1.00
UT	33	29	5	3.03%	0.00%	20.00%	3.03%	0.00%	20.00%	4.52
VI	3	0	3	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.02
VT										
WA										
WV	137	63	75	0.73%	0.00%	1.33%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.90
TOTAL	11,844	10,570	1,395	1.25%	1.08%	2.51%	0.18%	0.13%	0.50%	0.02
24 STATES	11,450	10,274	1,284	1.14%	1.01%	2.10%	0.16%	0.12%	0.47%	0.01

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Ethylene Dibromide is 0.05 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.2.b URCIS (Round 1) Data- Ethylene Dibromide Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	642	1,478	1,227	251	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL	131	351	244	107	9.40%	12.30%	2.80%	< 0.02	2.00	1,030.00	0.02	0.16
AR												
AZ	499	1,442	1,051	391	0.35%	0.19%	0.77%	< 0.00	< 5.00	2.00	0.01	0.02
CA	1,512	13,351	12,832	519	1.75%	1.82%	0.19%	< 0.00	0.40	1.10	0.01	0.04
CO	5	21	18	3	0.00%	0.00%	0.00%	< 0.02	< 1.00	< 1.00		
DC	1	46	0	46	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	339	195	144	0.00%	0.00%	0.00%	< 0.01	< 2.00	< 2.00		
FL												
GA	1,163	2,463	1,864	599	5.68%	6.81%	2.17%	0.00	0.20	0.50	0.02	0.02
HI												
IA	23	90	64	26	0.00%	0.00%	0.00%	< 0.02	< 200.00	< 200.00		
IL												
IN	335	2,008	1,531	477	0.90%	0.91%	0.84%	< 0.00	< 4.00	0.65	0.05	0.17
KY	524	2,075	1,119	956	0.05%	0.09%	0.00%	< 0.01	< 1.00	0.06	0.06	0.06
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.02	< 0.50	< 0.50		
MA	7	20	18	2	100.00%	100.00%	100.00%	0.02	53.00	53.00	0.02	0.15
MD												
MI	1	7	7	0	100.00%	100.00%	0.00%	1.00	4.00	4.00	1.00	2.00
MN	1,565	2,757	2,678	79	0.04%	0.04%	0.00%	< 0.10	< 1.00	3.90	3.90	3.90
MO	57	166	142	24	0.00%	0.00%	0.00%	< 0.02	< 2.00	< 2.00		
MS												
MT	562	1,611	1,368	243	0.00%	0.00%	0.00%	< 0.05	< 1.00	< 1.00		
NC	297	644	569	75	2.64%	2.81%	1.33%	< 0.02	0.25	30.80	0.03	0.12
NE												
NH												
NJ	98	285	207	78	2.11%	0.97%	5.13%	< 0.02	1.20	2.00	0.06	0.89
NM	594	1,239	1,161	78	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
NV	6	49	45	4	0.00%	0.00%	0.00%	< 0.01	< 0.01	< 0.01		
NY	283	1,607	1,269	338	0.31%	0.32%	0.30%	< 0.02	< 1.00	0.64	0.07	0.35
OH	2,655	16,081	15,162	919	0.03%	0.03%	0.00%	< 0.02	< 2.00	0.36	0.05	0.09
SD	335	444	363	81	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	200	371	218	153	3.50%	3.21%	3.92%	< 0.00	1.46	7.14	0.02	0.16
TX	5	5	1	4	60.00%	100.00%	50.00%	< 0.00	1.00	1.00	0.02	0.05
UT	33	59	50	9	1.69%	0.00%	11.11%	< 0.04	4.52	4.52	4.52	4.52
VI	3	10	0	10	100.00%	0.00%	100.00%	0.02	0.02	0.02	0.02	0.02
VT												
WA												
WV	137	383	163	220	0.26%	0.00%	0.45%	< 0.00	< 4.00	0.90	0.90	0.90
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.20	< 0.90	< 1.00		
TOTAL	11,844	49,737	43,843	5,894	1.05%	1.07%	0.88%	< 0.00	0.02	1,030.00	0.01	0.04
24 States	11,450	47,445	42,130	5,315	1.00%	1.04%	0.70%	< 0.00	0.01	1,030.00	0.01	0.04

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.2.c URCIS (Round 1) Data- Ethylene Dibromide Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,478	642	521	126	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	351	131	93	42	11.45%	13.98%	4.76%	3.05%	3.23%	2.38%	3.05%	3.23%	2.38%
AR													
AZ	1,442	499	452	64	1.00%	0.44%	4.69%	0.20%	0.00%	1.56%	0.20%	0.00%	1.56%
CA	13,351	1,512	1,432	126	3.11%	3.28%	0.79%	0.26%	0.28%	0.00%	0.07%	0.07%	0.00%
CO	21	5	3	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	46	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	339	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL													
GA	2,463	1,163	1,054	109	1.72%	0.95%	9.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI													
IA	90	23	22	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL													
IN	2,008	335	297	39	1.79%	1.35%	5.13%	0.30%	0.34%	0.00%	0.00%	0.00%	0.00%
KY	2,075	524	291	233	0.19%	0.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	20	7	5	2	100.00%	100.00%	100.00%	28.57%	20.00%	50.00%	28.57%	20.00%	50.00%
MD													
MI	7	1	1	0	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%
MN	2,757	1,565	1,540	29	0.06%	0.06%	0.00%	0.06%	0.06%	0.00%	0.06%	0.06%	0.00%
MO	166	57	44	13	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
MT	1,611	562	520	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	4.38%	4.72%	2.27%	1.68%	1.97%	0.00%	1.68%	1.97%	0.00%
NE													
NH													
NJ	285	98	87	11	4.08%	2.30%	18.18%	2.04%	1.15%	9.09%	1.02%	0.00%	9.09%
NM	1,239	594	561	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	49	6	5	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	1,607	283	217	79	1.41%	1.38%	1.27%	0.35%	0.46%	0.00%	0.00%	0.00%	0.00%
OH	16,081	2,655	2,492	167	0.19%	0.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	444	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	371	200	144	56	5.50%	4.86%	7.14%	2.00%	1.39%	3.57%	2.00%	1.39%	3.57%
TX	5	5	1	4	60.00%	100.00%	50.00%	20.00%	100.00%	0.00%	0.00%	0.00%	0.00%
UT	59	33	29	5	3.03%	0.00%	20.00%	3.03%	0.00%	20.00%	3.03%	0.00%	20.00%
VI	10	3	0	3	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT													
WA													
WV	383	137	63	75	0.73%	0.00%	1.33%	0.73%	0.00%	1.33%	0.00%	0.00%	0.00%
WY	313	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	49,737	11,844	10,570	1,395	1.25%	1.08%	2.51%	0.24%	0.20%	0.57%	0.18%	0.13%	0.50%
24 States	47,445	11,450	10,274	1,284	1.14%	1.01%	2.10%	0.21%	0.17%	0.55%	0.16%	0.12%	0.47%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the

The Maximum Contaminant Level (MCL) for Ethylene Dibromide is 0.05 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.3.a URCIS (Round 1) Data- Benzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK										
AL	132	94	42	5.30%	6.38%	2.38%	1.52%	2.13%	0.00%	3.00
AR										
AZ	970	894	119	0.31%	0.34%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	3,531	3,499	53	1.08%	1.06%	1.89%	0.20%	0.20%	0.00%	1.00
CO	19	15	5	31.58%	26.67%	40.00%	0.00%	0.00%	0.00%	2.00
DC	1		1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
DE	13	11	2	7.69%	9.09%	0.00%	7.69%	9.09%	0.00%	< 0.50
FL										
GA	1,162	1,053	109	0.43%	0.38%	0.92%	0.26%	0.19%	0.92%	< 0.50
HI	19	15	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA										
IL										
IN	394	349	46	1.52%	1.43%	2.17%	0.25%	0.00%	2.17%	< 2.00
KY	525	291	234	1.90%	1.03%	2.99%	0.57%	0.69%	0.43%	< 2.00
LA	13	9	4	7.69%	11.11%	0.00%	0.00%	0.00%	0.00%	2.30
MA	16	12	5	81.25%	75.00%	100.00%	31.25%	33.33%	20.00%	68.00
MD	844	798	51	1.07%	1.13%	0.00%	0.00%	0.00%	0.00%	0.60
MI	58	52	6	100.00%	100.00%	100.00%	15.52%	17.31%	0.00%	600.00
MN	1,565	1,540	29	1.92%	1.75%	10.34%	0.19%	0.19%	0.00%	0.50
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS	7	7		100.00%	100.00%	0.00%	42.86%	42.86%	0.00%	16.20
MT										
NC	297	254	44	7.41%	8.66%	0.00%	3.03%	3.54%	0.00%	24.00
NE	25	25		100.00%	100.00%	0.00%	28.00%	28.00%	0.00%	105.50
NH										
NJ	1,236	1,233	3	1.54%	1.54%	0.00%	0.49%	0.49%	0.00%	1.60
NM	590	555	35	1.02%	0.90%	2.86%	0.51%	0.54%	0.00%	2.70
NV	10	8	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	357	253	123	1.68%	1.98%	0.81%	0.00%	0.00%	0.00%	< 1.00
OH	1,687	1,557	134	0.18%	0.19%	0.00%	0.00%	0.00%	0.00%	< 1.00
SD	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN										
TX	11	9	2	100.00%	100.00%	100.00%	36.36%	44.44%	0.00%	1,100.00
UT	418	396	36	0.96%	1.01%	0.00%	0.00%	0.00%	0.00%	< 1.00
VI	3		3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
VT										
WA	992	937	77	0.50%	0.53%	0.00%	0.10%	0.11%	0.00%	< 0.50
WV	69	32	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	144	116	37	2.08%	1.72%	2.70%	0.00%	0.00%	0.00%	< 0.80
TOTAL	15,528	14,391	1,288	1.92%	1.86%	2.48%	0.43%	0.44%	0.31%	1.00
24 STATES	14,910	13,919	1,119	1.14%	1.11%	5.18%	0.25%	0.25%	0.27%	< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Benzene is 5 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.3.b URCIS (Round 1) Data- Benzene Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK												
AL	132	357	250	107	3.92%	5.20%	0.93%	< 0.50	3.00	7.70	0.60	2.15
AR												
AZ	970	3,058	2,342	716	0.10%	0.13%	0.00%	< 0.05	< 1.00	3.00	3.00	3.00
CA	3,531	13,255	12,988	267	1.04%	1.05%	0.37%	< 0.00	1.00	1,300.00	0.10	1.60
CO	19	52	47	5	21.15%	19.15%	40.00%	< 0.00	2.00	2.00	0.05	0.94
DC	1	66		66	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
DE	13	336	191	145	0.60%	1.05%	0.00%	< 0.30	< 0.50	13.90	6.00	9.95
FL												
GA	1,162	2,459	1,861	598	0.49%	0.54%	0.33%	< 0.50	< 0.50	221.60	0.90	6.50
HI	19	60	33	27	0.00%	0.00%	0.00%	< 0.30	< 0.30	< 0.30		
IA												
IL												
IN	394	2,355	1,802	553	0.59%	0.44%	1.08%	< 0.10	< 2.00	7.57	0.20	0.66
KY	525	3,687	1,406	2,281	0.62%	0.50%	0.70%	< 0.07	< 2.00	885.00	0.50	3.00
LA	13	22	18	4	4.55%	5.56%	0.00%	< 0.50	2.30	2.30	2.30	2.30
MA	16	28	20	8	85.71%	80.00%	100.00%	0.08	68.00	68.00	0.08	1.70
MD	844	1,786	1,306	480	1.06%	1.45%	0.00%	< 0.10	0.60	3.10	0.20	0.40
MI	58	130	124	6	100.00%	100.00%	100.00%	1.00	600.00	2,270.00	1.00	3.00
MN	1,565	2,748	2,670	78	1.35%	1.27%	3.85%	< 0.10	0.50	20.00	0.20	0.50
MO	85	323	297	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	7	54	54		100.00%	100.00%	0.00%	0.40	16.20	16.20	0.40	1.85
MT												
NC	297	644	569	75	9.63%	10.90%	0.00%	< 0.43	24.00	66.10	0.43	2.15
NE	25	52	52		100.00%	100.00%	0.00%	0.20	105.50	105.50	0.20	1.05
NH												
NJ	1,236	1,770	1,761	9	2.03%	2.04%	0.00%	< 0.00	1.60	730.00	0.10	1.58
NM	590	1,595	1,475	120	2.38%	2.44%	1.67%	< 0.00	2.70	28.30	0.50	1.55
NV	10	191	155	36	0.00%	0.00%	0.00%	< 0.05	< 0.20	< 0.20		
NY	357	2,104	1,566	538	0.38%	0.45%	0.19%	< 0.02	< 1.00	1.40	0.50	0.63
OH	1,687	6,369	5,754	615	0.05%	0.05%	0.00%	< 0.20	< 1.00	3.87	0.60	0.80
SD	335	444	363	81	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN								<				
TX	11	36	34	2	100.00%	100.00%	100.00%	0.50	1,100.00	1,100.00	0.50	6.50
UT	418	1,287	1,172	115	0.31%	0.34%	0.00%	< 0.00	< 1.00	2.70	0.10	0.40
VI	3	10		10	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
VT												
WA	992	3,987	3,656	331	0.13%	0.14%	0.00%	< 0.50	< 0.50	38.00	0.50	1.20
WV	69	196	90	106	0.00%	0.00%	0.00%	< 0.20	< 4.00	< 4.00		
WY	144	310	259	51	0.97%	0.77%	1.96%	< 0.20	< 0.80	1.70	0.20	0.20
TOTAL	15,528	49,771	42,315	7,456	1.46%	1.60%	0.68%	< 0.00	1.00	2,270.00	0.05	1.90
24 States	14,910	46,367	39,757	6,610	0.89%	0.95%	0.48%	< 0.00	< 2.00	1,300.00	0.10	1.59

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (f
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.3.c URCIS (Round 1) Data- Benzene Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK													
AL	357	132	94	42	5.30%	6.38%	2.38%	2.27%	3.19%	0.00%	1.52%	2.13%	0.00%
AR													
AZ	3,058	970	894	119	0.31%	0.34%	0.00%	0.31%	0.34%	0.00%	0.00%	0.00%	0.00%
CA	13,255	3,531	3,499	53	1.08%	1.06%	1.89%	0.37%	0.37%	0.00%	0.20%	0.20%	0.00%
CO	52	19	15	5	31.58%	26.67%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	66	1		1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	336	13	11	2	7.69%	9.09%	0.00%	7.69%	9.09%	0.00%	7.69%	9.09%	0.00%
FL													
GA	2,459	1,162	1,053	109	0.43%	0.38%	0.92%	0.34%	0.28%	0.92%	0.26%	0.19%	0.92%
HI	60	19	15	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA													
IL													
IN	2,355	394	349	46	1.52%	1.43%	2.17%	0.25%	0.00%	2.17%	0.25%	0.00%	2.17%
KY	3,687	525	291	234	1.90%	1.03%	2.99%	0.95%	0.69%	1.28%	0.57%	0.69%	0.43%
LA	22	13	9	4	7.69%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	28	16	12	5	81.25%	75.00%	100.00%	43.75%	33.33%	60.00%	31.25%	33.33%	20.00%
MD	1,786	844	798	51	1.07%	1.13%	0.00%	0.12%	0.13%	0.00%	0.00%	0.00%	0.00%
MI	130	58	52	6	100.00%	100.00%	100.00%	44.83%	46.15%	33.33%	15.52%	17.31%	0.00%
MN	2,748	1,565	1,540	29	1.92%	1.75%	10.34%	0.19%	0.19%	0.00%	0.19%	0.19%	0.00%
MO	323	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	54	7	7		100.00%	100.00%	0.00%	42.86%	42.86%	0.00%	42.86%	42.86%	0.00%
MT													
NC	644	297	254	44	7.41%	8.66%	0.00%	4.04%	4.72%	0.00%	3.03%	3.54%	0.00%
NE	52	25	25		100.00%	100.00%	0.00%	40.00%	40.00%	0.00%	28.00%	28.00%	0.00%
NH													
NJ	1,770	1,236	1,233	3	1.54%	1.54%	0.00%	0.49%	0.49%	0.00%	0.49%	0.49%	0.00%
NM	1,595	590	555	35	1.02%	0.90%	2.86%	0.68%	0.54%	2.86%	0.51%	0.54%	0.00%
NV	191	10	8	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,104	357	253	123	1.68%	1.98%	0.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	6,369	1,687	1,557	134	0.18%	0.19%	0.00%	0.06%	0.06%	0.00%	0.00%	0.00%	0.00%
SD	444	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN													
TX	36	11	9	2	100.00%	100.00%	100.00%	45.45%	55.56%	0.00%	36.36%	44.44%	0.00%
UT	1,287	418	396	36	0.96%	1.01%	0.00%	0.24%	0.25%	0.00%	0.00%	0.00%	0.00%
VI	10	3		3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT													
WA	3,987	992	937	77	0.50%	0.53%	0.00%	0.10%	0.11%	0.00%	0.10%	0.11%	0.00%
WV	196	69	32	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	310	144	116	37	2.08%	1.72%	2.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	49,771	15,528	14,391	1,288	1.92%	1.86%	2.48%	0.71%	0.69%	0.85%	0.43%	0.44%	0.31%
24 States	46,367	14,910	13,919	1,119	1.14%	1.11%	5.18%	0.39%	0.37%	0.54%	0.25%	0.25%	0.27%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Benzene is 5 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.4.a URCIS (Round 1) Data- Bromobenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
AK	685	553	137	0.44%	0.54%	0.00%				< 0.00
AL	132	93	43	3.79%	1.08%	9.30%				1.00
AR										
AZ	941	872	105	0.00%	0.00%	0.00%				< 5.00
CA	150	136	20	0.67%	0.74%	0.00%				< 0.50
CO	9	7	3	11.11%	14.29%	0.00%				0.11
DC	1	0	1	0.00%	0.00%	0.00%				< 0.50
DE	13	11	2	0.00%	0.00%	0.00%				< 0.50
FL	112	31	93	3.57%	3.23%	3.23%				16.00
GA	1,163	1,054	109	0.00%	0.00%	0.00%				< 0.50
HI	127	112	16	0.00%	0.00%	0.00%				< 0.30
IA	805	766	39	0.12%	0.13%	0.00%				< 1.00
IL	1,301	1,186	115	0.23%	0.25%	0.00%				< 2.00
IN	365	327	39	0.00%	0.00%	0.00%				< 2.00
KY	524	291	233	0.00%	0.00%	0.00%				< 1.00
LA	13	9	4	0.00%	0.00%	0.00%				< 0.50
MA	1	1	0	100.00%	100.00%	0.00%				0.70
MD	983	936	50	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Bromobenzene.			< 0.50
MI										
MN	1,553	1,529	28	0.00%	0.00%	0.00%				< 0.50
MO	78	64	14	0.00%	0.00%	0.00%				< 2.00
MS	4	4	0	100.00%	100.00%	0.00%				55.00
MT	565	523	57	0.00%	0.00%	0.00%				< 1.00
NC	297	254	44	1.68%	1.18%	4.55%				< 0.50
NE										
NH										
NJ	1,505	1,480	25	0.00%	0.00%	0.00%				< 2.00
NM	590	555	35	0.00%	0.00%	0.00%				< 1.00
NV	8	7	2	0.00%	0.00%	0.00%				< 0.20
NY	357	253	123	0.28%	0.40%	0.00%				< 1.00
OH	2,655	2,492	167	0.08%	0.08%	0.00%				< 2.00
SD										
TN	303	156	147	0.00%	0.00%	0.00%				< 0.50
TX										
UT	420	400	34	1.67%	1.25%	5.88%				< 10.00
VI	3	0	3	0.00%	0.00%	0.00%				< 1.00
VT	1	1	0	100.00%	100.00%	0.00%				0.70
WA	992	937	77	0.00%	0.00%	0.00%				< 0.50
WV	137	63	75	0.00%	0.00%	0.00%				< 4.00
WY	145	116	38	0.69%	0.86%	0.00%				< 0.40
TOTAL	16,938	15,219	1,878	0.24%	0.19%	0.59%				< 2.00
24 STATES	16,450	14,862	1,726	0.19%	0.14%	0.64%				< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.4.b URCIS (Round 1) Data- Bromobenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	685	1,850	1,554	296	0.16%	0.19%	0.00%	< 0.00	< 0.00	1.00	0.30	0.30
AL	132	352	244	108	1.70%	0.41%	4.63%	< 0.50	1.00	21.00	0.50	1.33
AR												
AZ	941	2,879	2,239	640	0.00%	0.00%	0.00%	< 0.20	< 5.00	< 10.00		
CA	150	1,067	1,014	53	0.09%	0.10%	0.00%	< 0.00	< 0.50	0.20	0.20	0.20
CO	9	33	30	3	3.03%	3.33%	0.00%	< 0.03	0.11	0.11	0.11	0.11
DC	1	62	0	62	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
DE	13	333	189	144	0.00%	0.00%	0.00%	< 0.30	< 0.50	< 0.60		
FL	112	155	49	106	2.58%	2.04%	2.83%	< 0.00	16.00	40.00	0.50	10.00
GA	1,163	2,463	1,865	598	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA	805	1,211	1,035	176	0.17%	0.19%	0.00%	< 0.30	< 1.00	2.40	1.30	1.85
IL	1,301	5,996	5,031	965	0.08%	0.10%	0.00%	< 0.00	< 2.00	2.00	0.04	0.04
IN	365	1,935	1,514	421	0.00%	0.00%	0.00%	< 0.08	< 2.00	< 5.00		
KY	524	2,310	1,172	1,138	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	1	1	1	0	100.00%	100.00%	0.00%	0.70	0.70	0.70	0.70	0.70
MD	983	1,754	1,380	374	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 1.00		
MI												
MN	1,553	2,657	2,589	68	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 2.00		
MO	78	277	251	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	4	4	4	0	100.00%	100.00%	0.00%	0.50	55.00	55.00	0.50	3.85
MT	565	1,623	1,376	247	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
NC	297	644	569	75	0.78%	0.53%	2.67%	< 0.50	< 0.50	7.10	0.55	4.90
NE												
NH												
NJ	1,505	3,146	2,781	365	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	357	2,566	1,876	690	0.04%	0.05%	0.00%	< 0.02	< 1.00	2.40	2.40	2.40
OH	2,655	16,085	15,165	920	0.01%	0.01%	0.00%	< 0.20	< 2.00	1.00	1.00	1.00
SD												
TN	303	1,222	434	788	0.00%	0.00%	0.00%	< 0.03	< 0.50	< 0.50		
TX												
UT	420	1,319	1,207	112	0.83%	0.75%	1.79%	< 0.00	< 10.00	2.70	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1	0	100.00%	100.00%	0.00%	0.70	0.70	0.70	0.70	0.70
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	137	390	164	226	0.00%	0.00%	0.00%	< 0.25	< 4.00	< 10.00		
WY	145	313	259	54	0.32%	0.39%	0.00%	< 0.10	< 0.40	1.00	1.00	1.00
TOTAL	16,938	59,631	50,359	9,272	0.08%	0.07%	0.13%	< 0.00	< 2.00	55.00	0.04	1.00
24 STATES	16,450	56,174	47,853	8,321	0.07%	0.06%	0.14%	< 0.00	< 2.00	40.00	0.04	1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.4.c URCIS (Round 1) Data- Bromobenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK	1,850	685	553	137	0.44%	0.54%	0.00%						
AL	352	132	93	43	3.79%	1.08%	9.30%						
AR													
AZ	2,879	941	872	105	0.00%	0.00%	0.00%						
CA	1,067	150	136	20	0.67%	0.74%	0.00%						
CO	33	9	7	3	11.11%	14.29%	0.00%						
DC	62	1	0	1	0.00%	0.00%	0.00%						
DE	333	13	11	2	0.00%	0.00%	0.00%						
FL	155	112	31	93	3.57%	3.23%	3.23%						
GA	2,463	1,163	1,054	109	0.00%	0.00%	0.00%						
HI	1,221	127	112	16	0.00%	0.00%	0.00%						
IA	1,211	805	766	39	0.12%	0.13%	0.00%						
IL	5,996	1,301	1,186	115	0.23%	0.25%	0.00%						
IN	1,935	365	327	39	0.00%	0.00%	0.00%						
KY	2,310	524	291	233	0.00%	0.00%	0.00%						
LA	22	13	9	4	0.00%	0.00%	0.00%						
MA	1	1	1	0	100.00%	100.00%	0.00%						
MD	1,754	983	936	50	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Bromobenzene.					
MI													
MN	2,657	1,553	1,529	28	0.00%	0.00%	0.00%						
MO	277	78	64	14	0.00%	0.00%	0.00%						
MS	4	4	4	0	100.00%	100.00%	0.00%						
MT	1,623	565	523	57	0.00%	0.00%	0.00%						
NC	644	297	254	44	1.68%	1.18%	4.55%						
NE													
NH													
NJ	3,146	1,505	1,480	25	0.00%	0.00%	0.00%						
NM	1,595	590	555	35	0.00%	0.00%	0.00%						
NV	148	8	7	2	0.00%	0.00%	0.00%						
NY	2,566	357	253	123	0.28%	0.40%	0.00%						
OH	16,085	2,655	2,492	167	0.08%	0.08%	0.00%						
SD													
TN	1,222	303	156	147	0.00%	0.00%	0.00%						
TX													
UT	1,319	420	400	34	1.67%	1.25%	5.88%						
VI	10	3	0	3	0.00%	0.00%	0.00%						
VT	1	1	1	0	100.00%	100.00%	0.00%						
WA	3,987	992	937	77	0.00%	0.00%	0.00%						
WV	390	137	63	75	0.00%	0.00%	0.00%						
WY	313	145	116	38	0.69%	0.86%	0.00%						
TOTAL	59,631	16,938	15,219	1,878	0.24%	0.19%	0.59%						
24 STATES	56,174	16,450	14,862	1,726	0.19%	0.14%	0.64%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.5.a URCIS (Round 1) Data- Bromochloromethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	646	523	128	1.39%	0.76%	3.91%	0.00%	0.00%	0.00%	< 0.00
AL	131	93	42	4.58%	5.38%	2.38%	0.76%	1.08%	0.00%	3.60
AR										
AZ	447	406	47	0.89%	0.74%	2.13%	0.00%	0.00%	0.00%	< 2.00
CA	151	138	20	5.30%	5.07%	10.00%	0.66%	0.72%	0.00%	0.70
CO	6	4	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	10	8	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.40
FL										
GA	1,161	1,052	109	0.09%	0.00%	0.92%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA										
IL	213	149	64	0.47%	0.67%	0.00%	0.00%	0.00%	0.00%	< 1.00
IN	357	321	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	0.76%	1.37%	0.00%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	2	1	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	4.80
MD	983	936	50	0.41%	0.21%	4.00%	0.10%	0.00%	2.00%	< 0.50
MI										
MN	1,549	1,525	28	0.45%	0.39%	3.57%	0.00%	0.00%	0.00%	< 0.50
MO	85	71	14	1.18%	0.00%	7.14%	0.00%	0.00%	0.00%	< 2.00
MS	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	2.20
MT										
NC	297	254	44	0.34%	0.39%	0.00%	0.34%	0.39%	0.00%	< 0.50
NE										
NH										
NJ	809	798	11	0.49%	0.50%	0.00%	0.00%	0.00%	0.00%	< 1.93
NM	590	555	35	0.17%	0.00%	2.86%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	12.50%	14.29%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	349	246	122	0.57%	0.41%	0.82%	0.00%	0.00%	0.00%	< 1.00
OH	2,654	2,492	166	0.26%	0.28%	0.00%	0.00%	0.00%	0.00%	< 1.00
SD	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	303	156	147	0.33%	0.64%	0.00%	0.00%	0.00%	0.00%	< 0.50
TX										
UT	410	390	34	1.46%	1.28%	2.94%	0.00%	0.00%	0.00%	< 5.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT										
WA	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	57	26	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	0.69%	0.86%	0.00%	0.00%	0.00%	0.00%	< 1.00
TOTAL	13,359	11,923	1,538	0.54%	0.46%	1.17%	0.03%	0.03%	0.07%	< 1.00
24 STATES	12,881	11,576	1,386	0.50%	0.44%	1.08%	0.03%	0.03%	0.07%	< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Bromochloromethane is 10 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.5.b URCIS (Round 1) Data- Bromochloromethane Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	646	1,528	1,266	262	0.72%	0.47%	1.91%	< 0.00	< 0.00	7.80	0.30	3.00
AL	131	351	244	107	1.99%	2.46%	0.93%	< 0.50	3.60	10.50	0.50	3.60
AR												
AZ	447	1,127	954	173	0.62%	0.31%	2.31%	< 0.05	< 2.00	10.00	0.05	10.00
CA	151	1,069	1,016	53	1.03%	0.89%	3.77%	< 0.00	0.70	210.00	0.70	1.00
CO	6	9	6	3	0.00%	0.00%	0.00%	< 0.04	< 0.50	< 0.50		
DC	1	47	0	47	0.00%	0.00%	0.00%	< 0.05	< 0.50	< 0.50		
DE	10	53	44	9	0.00%	0.00%	0.00%	< 0.10	< 0.40	< 0.40		
FL												
GA	1,161	2,459	1,862	597	0.04%	0.00%	0.17%	< 0.50	< 0.50	2.80	2.80	2.80
HI	127	1,220	1,080	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA												
IL	213	728	485	243	0.14%	0.21%	0.00%	0.10	< 1.00	0.11	0.11	0.11
IN	357	1,889	1,486	403	0.00%	0.00%	0.00%	< 0.10	< 2.00	< 5.00		
KY	524	2,311	1,172	1,139	0.26%	0.51%	0.00%	< 0.50	< 1.00	3.00	1.00	1.50
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	2	2	1	1	100.00%	100.00%	100.00%	0.69	4.80	0.69	2.75	
MD	983	1,750	1,376	374	0.23%	0.15%	0.53%	< 0.20	< 0.50	12.00	0.20	0.95
MI												
MN	1,549	2,646	2,578	68	0.26%	0.23%	1.47%	< 0.10	< 0.50	3.70	0.50	0.80
MO	85	323	297	26	0.31%	0.00%	3.85%	< 0.20	< 2.00	0.50	0.50	0.50
MS	1	1	1	0	100.00%	100.00%	0.00%	2.20	2.20	2.20	2.20	2.20
MT												
NC	297	644	569	75	0.16%	0.18%	0.00%	< 0.50	< 0.50	27.00	27.00	27.00
NE												
NH												
NJ	809	1,637	1,450	187	0.24%	0.28%	0.00%	< 0.00	< 1.93	1.20	0.52	0.76
NM	590	1,595	1,475	120	0.06%	0.00%	0.83%	< 0.00	< 1.00	2.80	2.80	2.80
NV	8	148	136	12	0.68%	0.74%	0.00%	< 0.20	< 0.20	0.80	0.80	0.80
NY	349	2,122	1,581	541	0.09%	0.06%	0.18%	< 0.04	< 1.00	4.60	3.00	3.80
OH	2,654	15,954	15,036	918	0.04%	0.05%	0.00%	< 0.00	< 1.00	6.00	0.50	1.00
SD	335	444	363	81	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	303	1,221	434	787	0.08%	0.23%	0.00%	< 0.01	< 0.50	0.50	0.50	0.50
TX												
UT	410	1,232	1,127	105	0.81%	0.80%	0.95%	< 0.10	< 5.00	1.00	0.50	0.50
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT												
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	57	170	64	106	0.00%	0.00%	0.00%	< 0.50	< 4.00	< 5.00		
WY	145	313	259	54	0.32%	0.39%	0.00%	< 0.20	< 1.00	1.40	1.40	1.40
TOTAL	13,359	47,012	40,036	6,976	0.19%	0.16%	0.30%	< 0.00	< 1.00	210.00	0.05	1.00
24 States	12,881	44,275	37,952	6,323	0.18%	0.16%	0.28%	< 0.00	< 1.00	210.00	0.05	1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.5.c URCIS (Round 1) Data- Bromochloromethane Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,528	646	523	128	1.39%	0.76%	3.91%	0.31%	0.38%	0.00%	0.00%	0.00%	0.00%
AL	351	131	93	42	4.58%	5.38%	2.38%	0.76%	1.08%	0.00%	0.76%	1.08%	0.00%
AR													
AZ	1,127	447	406	47	0.89%	0.74%	2.13%	0.22%	0.00%	2.13%	0.00%	0.00%	0.00%
CA	1,069	151	138	20	5.30%	5.07%	10.00%	0.66%	0.72%	0.00%	0.66%	0.72%	0.00%
CO	9	6	4	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	47	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	53	10	8	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL													
GA	2,459	1,161	1,052	109	0.09%	0.00%	0.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,220	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA													
IL	728	213	149	64	0.47%	0.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,889	357	321	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,311	524	291	233	0.76%	1.37%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	2	2	1	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,750	983	936	50	0.41%	0.21%	4.00%	0.10%	0.00%	2.00%	0.10%	0.00%	2.00%
MI													
MN	2,646	1,549	1,525	28	0.45%	0.39%	3.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	323	85	71	14	1.18%	0.00%	7.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT													
NC	644	297	254	44	0.34%	0.39%	0.00%	0.34%	0.39%	0.00%	0.34%	0.39%	0.00%
NE													
NH													
NJ	1,637	809	798	11	0.49%	0.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.17%	0.00%	2.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	12.50%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,122	349	246	122	0.57%	0.41%	0.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	15,954	2,654	2,492	166	0.26%	0.28%	0.00%	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%
SD	444	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,221	303	156	147	0.33%	0.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX													
UT	1,232	410	390	34	1.46%	1.28%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT													
WA	3,987	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	170	57	26	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	0.69%	0.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	47,012	13,359	11,923	1,538	0.54%	0.46%	1.17%	0.06%	0.05%	0.13%	0.03%	0.03%	0.07%
24 States	44,275	12,881	11,576	1,386	0.50%	0.44%	1.08%	0.06%	0.05%	0.14%	0.03%	0.03%	0.07%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for l
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy
The Maximum Contaminant Level (MCL) for Bromochloromethane is 10 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.6.a URCIS (Round 1) Data- Bromodichloromethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
AK	686	548	144	16.03%	6.75%	50.69%	0.44%	0.00%	2.08%	19.00
AL	143	99	50	38.46%	17.17%	80.00%	0.00%	0.00%	0.00%	14.00
AR										
AZ	943	873	108	7.53%	3.55%	37.96%	0.21%	0.00%	1.85%	30.00
CA	3,572	3,518	94	6.10%	4.66%	78.72%	0.08%	0.06%	1.06%	15.00
CO	9	7	3	55.56%	57.14%	66.67%	0.00%	0.00%	0.00%	12.30
DC	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	26.30
DE	13	11	2	53.85%	45.45%	100.00%	0.00%	0.00%	0.00%	23.70
FL	640	99	592	71.56%	53.54%	73.31%	1.72%	2.02%	1.69%	69.50
GA	1,162	1,053	109	32.10%	25.36%	97.25%	0.00%	0.00%	0.00%	15.80
HI	127	112	16	19.69%	10.71%	87.50%	0.00%	0.00%	0.00%	7.40
IA	1,002	963	39	34.93%	32.50%	94.87%	0.10%	0.10%	0.00%	25.00
IL	1,302	1,187	115	40.63%	34.88%	100.00%	0.15%	0.00%	1.74%	24.00
IN	389	341	49	30.33%	20.53%	97.96%	0.00%	0.00%	0.00%	23.00
KY	524	291	233	71.56%	53.95%	93.56%	0.00%	0.00%	0.00%	37.00
LA	13	9	4	30.77%	0.00%	100.00%	0.00%	0.00%	0.00%	13.28
MA	96	37	70	95.83%	91.89%	98.57%	0.00%	0.00%	0.00%	23.00
MD	986	940	51	13.79%	10.11%	84.31%	0.00%	0.00%	0.00%	10.00
MI	2	0	2	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	2.00
MN	1,562	1,537	28	14.34%	13.21%	82.14%	0.00%	0.00%	0.00%	6.20
MO	85	71	14	28.24%	16.90%	85.71%	0.00%	0.00%	0.00%	15.40
MS	81	80	4	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	13.10
MT	565	523	57	16.64%	9.94%	77.19%	0.00%	0.00%	0.00%	14.00
NC	297	254	44	9.09%	5.51%	29.55%	0.34%	0.39%	0.00%	33.00
NE	35	31	4	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	20.20
NH	83	32	55	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	16.00
NJ	1,517	1,492	25	7.51%	6.10%	92.00%	0.00%	0.00%	0.00%	13.50
NM	590	555	35	4.75%	1.80%	51.43%	0.00%	0.00%	0.00%	4.00
NV	10	8	3	40.00%	25.00%	100.00%	0.00%	0.00%	0.00%	16.00
NY	237	167	80	38.40%	17.37%	78.75%	0.00%	0.00%	0.00%	16.90
OH	1,687	1,557	134	25.25%	19.33%	94.78%	0.00%	0.00%	0.00%	16.30
SD	335	306	29	30.15%	23.53%	100.00%	0.30%	0.00%	3.45%	45.00
TN	303	156	147	58.75%	21.15%	98.64%	0.00%	0.00%	0.00%	27.10
TX										
UT	423	402	35	11.35%	7.71%	60.00%	0.24%	0.25%	0.00%	12.80
VI	3	0	3	66.67%	0.00%	66.67%	0.00%	0.00%	0.00%	14.00
VT	97	56	41	72.16%	58.93%	90.24%	1.03%	0.00%	2.44%	7.00
WA	992	937	77	22.78%	18.25%	93.51%	0.10%	0.11%	0.00%	7.30
WV	132	58	75	59.85%	27.59%	84.00%	0.76%	0.00%	1.33%	44.00
WY	145	116	38	41.38%	29.31%	81.58%	0.00%	0.00%	0.00%	21.00
TOTAL	20,789	18,426	2,610	23.69%	15.85%	80.92%	0.13%	0.04%	0.80%	22.00
24 STATES	20,024	17,917	2,324	22.09%	14.84%	79.69%	0.13%	0.04%	0.86%	22.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Bromodichloromethane is 60 µg/L. This is a draft value for working review only.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.6.b URCIS (Round 1) Data- Bromodichloromethane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	686	1,704	1,369	335	12.50%	4.82%	43.88%	< 0.00	19.00	142.00	0.30	3.50
AL	143	436	268	168	20.18%	9.70%	36.90%	< 0.50	14.00	26.00	0.52	5.09
AR												
AZ	943	3,113	2,376	737	8.80%	3.96%	24.42%	< 0.05	30.00	84.00	0.50	11.00
CA	3,572	12,631	12,022	609	7.68%	4.11%	78.16%	< 0.00	15.00	100.00	0.02	2.75
CO	9	33	30	3	39.39%	36.67%	66.67%	< 0.05	12.30	12.30	0.06	2.40
DC	1	60	0	60	98.33%	0.00%	98.33%	< 0.50	26.30	26.30	1.94	12.10
DE	13	386	228	158	51.04%	26.32%	86.71%	< 0.10	23.70	29.00	0.10	7.60
FL	640	900	137	763	66.44%	42.34%	70.77%	< 0.00	69.50	284.00	0.01	5.00
GA	1,162	2,462	1,864	598	35.22%	21.78%	77.09%	< 0.10	15.80	34.50	0.10	3.50
HI	127	1,221	1,081	140	7.70%	2.50%	47.86%	< 0.00	7.40	14.00	1.00	3.30
IA	1,002	2,286	1,861	425	36.13%	25.15%	84.24%	< 0.00	25.00	170.00	0.20	5.00
IL	1,302	6,007	5,044	963	33.59%	23.12%	88.47%	< 0.04	24.00	170.00	0.38	4.00
IN	389	2,518	1,568	950	42.49%	15.31%	87.37%	< 0.03	23.00	39.00	0.06	7.00
KY	524	2,312	1,172	1,140	60.03%	33.11%	87.72%	< 0.50	37.00	55.00	0.50	6.50
LA	13	22	18	4	18.18%	0.00%	100.00%	< 0.02	13.28	13.28	1.00	5.65
MA	96	365	123	242	96.16%	91.87%	98.35%	< 0.00	23.00	28.00	0.14	3.00
MD	986	1,909	1,441	468	17.92%	10.13%	41.88%	< 0.10	10.00	57.00	0.10	1.95
MI	2	4	0	4	100.00%	0.00%	100.00%	1.00	2.00	2.00	1.00	1.00
MN	1,562	2,742	2,664	78	13.09%	11.00%	84.62%	< 0.20	6.20	37.00	0.20	1.20
MO	85	327	295	32	12.84%	5.08%	84.38%	< 0.50	15.40	36.00	0.70	9.00
MS	81	151	124	27	100.00%	100.00%	100.00%	0.40	13.10	23.00	0.40	2.20
MT	565	1,624	1,376	248	14.29%	5.89%	60.89%	< 0.00	14.00	22.30	0.50	3.20
NC	297	644	569	75	5.90%	2.64%	30.67%	< 0.50	33.00	82.20	4.80	14.95
NE	35	86	69	17	100.00%	100.00%	100.00%	0.20	20.20	20.20	0.20	2.25
NH	83	254	46	208	100.00%	100.00%	100.00%	0.39	16.00	49.00	0.39	2.76
NJ	1,517	3,164	2,799	365	9.99%	4.79%	49.86%	< 0.00	13.50	29.00	0.10	3.00
NM	590	1,595	1,475	120	4.51%	1.42%	42.50%	< 0.00	4.00	39.50	0.30	1.75
NV	10	157	139	18	28.03%	26.62%	38.89%	< 0.00	16.00	17.00	0.20	0.75
NY	237	1,421	965	456	24.84%	5.80%	65.13%	< 0.10	16.90	60.00	0.20	3.60
OH	1,687	6,371	5,756	615	14.96%	9.31%	67.80%	< 0.00	16.30	44.30	0.42	3.80
SD	335	444	363	81	37.16%	23.69%	97.53%	< 0.15	45.00	68.30	0.15	2.74
TN	303	1,221	434	787	71.74%	39.86%	89.33%	< 0.01	27.10	50.40	0.01	3.60
TX												
UT	423	1,330	1,215	115	8.80%	3.87%	60.87%	< 0.10	12.80	93.00	0.10	3.70
VI	3	10	0	10	50.00%	0.00%	50.00%	< 1.00	14.00	14.00	1.30	3.60
VT	97	410	100	310	69.27%	60.00%	72.26%	< 0.00	7.00	83.00	0.50	2.60
WA	992	3,987	3,656	331	20.07%	14.93%	76.74%	< 0.50	7.30	97.50	0.50	1.55
WV	132	656	196	460	71.04%	38.78%	84.78%	< 0.50	44.00	65.00	0.75	7.00
WY	145	313	259	54	30.99%	20.08%	83.33%	< 0.01	21.00	31.00	0.20	5.00
TOTAL	20,789	65,276	53,102	12,174	23.11%	11.73%	72.75%	< 0.00	22.00	284.00	0.01	4.00
24 STATES	20,024	61,590	50,965	10,625	21.50%	11.06%	71.53%	< 0.00	22.00	284.00	0.01	4.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.6.c URCIS (Round 1) Data- Bromodichloromethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK	1,704	686	548	144	16.03%	6.75%	50.69%	0.73%	0.18%	2.78%	0.44%	0.00%	2.08%
AL	436	143	99	50	38.46%	17.17%	80.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	3,113	943	873	108	7.53%	3.55%	37.96%	1.27%	0.23%	9.26%	0.21%	0.00%	1.85%
CA	12,631	3,572	3,518	94	6.10%	4.66%	78.72%	0.45%	0.20%	9.57%	0.08%	0.06%	1.06%
CO	33	9	7	3	55.56%	57.14%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	60	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	386	13	11	2	53.85%	45.45%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	900	640	99	592	71.56%	53.54%	73.31%	7.03%	2.02%	7.60%	1.72%	2.02%	1.69%
GA	2,462	1,162	1,053	109	32.10%	25.36%	97.25%	0.09%	0.00%	0.92%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	19.69%	10.71%	87.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	2,286	1,002	963	39	34.93%	32.50%	94.87%	0.90%	0.21%	17.95%	0.10%	0.10%	0.00%
IL	6,007	1,302	1,187	115	40.63%	34.88%	100.00%	1.77%	0.34%	16.52%	0.15%	0.00%	1.74%
IN	2,518	389	341	49	30.33%	20.53%	97.96%	0.26%	0.00%	2.04%	0.00%	0.00%	0.00%
KY	2,312	524	291	233	71.56%	53.95%	93.56%	6.68%	0.69%	14.16%	0.00%	0.00%	0.00%
LA	22	13	9	4	30.77%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	365	96	37	70	95.83%	91.89%	98.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,909	986	940	51	13.79%	10.11%	84.31%	0.20%	0.21%	0.00%	0.00%	0.00%	0.00%
MI	4	2	0	2	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	2,742	1,562	1,537	28	14.34%	13.21%	82.14%	0.06%	0.07%	0.00%	0.00%	0.00%	0.00%
MO	327	85	71	14	28.24%	16.90%	85.71%	1.18%	0.00%	7.14%	0.00%	0.00%	0.00%
MS	151	81	80	4	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT	1,624	565	523	57	16.64%	9.94%	77.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	9.09%	5.51%	29.55%	2.69%	3.15%	0.00%	0.34%	0.39%	0.00%
NE	86	35	31	4	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	254	83	32	55	100.00%	100.00%	100.00%	1.20%	0.00%	1.82%	0.00%	0.00%	0.00%
NJ	3,164	1,517	1,492	25	7.51%	6.10%	92.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	4.75%	1.80%	51.43%	0.17%	0.00%	2.86%	0.00%	0.00%	0.00%
NV	157	10	8	3	40.00%	25.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	1,421	237	167	80	38.40%	17.37%	78.75%	0.84%	0.60%	1.25%	0.00%	0.00%	0.00%
OH	6,371	1,687	1,557	134	25.25%	19.33%	94.78%	0.41%	0.06%	4.48%	0.00%	0.00%	0.00%
SD	444	335	306	29	30.15%	23.53%	100.00%	0.90%	0.00%	10.34%	0.30%	0.00%	3.45%
TN	1,221	303	156	147	58.75%	21.15%	98.64%	2.64%	0.00%	5.44%	0.00%	0.00%	0.00%
TX													
UT	1,330	423	402	35	11.35%	7.71%	60.00%	0.24%	0.25%	0.00%	0.24%	0.25%	0.00%
VI	10	3	0	3	66.67%	0.00%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	410	97	56	41	72.16%	58.93%	90.24%	1.03%	0.00%	2.44%	1.03%	0.00%	2.44%
WA	3,987	992	937	77	22.78%	18.25%	93.51%	0.20%	0.21%	0.00%	0.10%	0.11%	0.00%
WV	656	132	58	75	59.85%	27.59%	84.00%	1.52%	0.00%	2.67%	0.76%	0.00%	1.33%
WY	313	145	116	38	41.38%	29.31%	81.58%	0.69%	0.00%	2.63%	0.00%	0.00%	0.00%
TOTAL	65,276	20,789	18,426	2,610	23.69%	15.85%	80.92%	0.90%	0.20%	5.90%	0.13%	0.04%	0.80%
24 STATES	61,590	20,024	17,917	2,324	22.09%	14.84%	79.69%	0.91%	0.20%	6.45%	0.13%	0.04%	0.86%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.
"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.
The Health Reference Level (HRL) used for Bromodichloromethane is 60 µg/L. This is a draft value for working review only.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.7.a URCIS (Round 1) Data- Bromoform Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
AK	689	550	145	4.79%	1.45%	17.24%	0.00%	0.00%	0.00%	15.00
AL	131	93	43	3.05%	3.23%	2.33%	0.00%	0.00%	0.00%	2.00
AR										
AZ	944	874	108	6.67%	3.78%	28.70%	0.11%	0.11%	0.00%	14.00
CA	3,563	3,523	68	5.22%	4.71%	44.12%	0.00%	0.00%	0.00%	9.50
CO	9	7	3	44.44%	57.14%	0.00%	0.00%	0.00%	0.00%	11.00
DC	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.10
DE	13	11	2	38.46%	0.00%	100.00%	0.00%	0.00%	0.00%	4.20
FL	365	67	323	35.89%	26.87%	35.91%	0.00%	0.00%	0.00%	33.00
GA	1,162	1,053	109	11.88%	12.25%	8.26%	0.00%	0.00%	0.00%	2.70
HI	127	112	16	19.69%	20.54%	12.50%	0.00%	0.00%	0.00%	7.90
IA	1,002	963	39	15.37%	14.85%	28.21%	0.00%	0.00%	0.00%	5.00
IL	1,303	1,188	115	18.19%	17.17%	28.70%	0.00%	0.00%	0.00%	6.10
IN	380	338	43	11.58%	9.76%	25.58%	0.00%	0.00%	0.00%	3.90
KY	524	291	233	30.15%	30.58%	29.61%	0.00%	0.00%	0.00%	25.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	13	7	6	61.54%	71.43%	50.00%	0.00%	0.00%	0.00%	8.70
MD	986	940	51	3.45%	3.09%	9.80%	0.00%	0.00%	0.00%	0.90
MI	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	3.00
MN	1,565	1,540	29	1.85%	1.82%	3.45%	0.00%	0.00%	0.00%	1.10
MO	85	71	14	2.35%	0.00%	14.29%	0.00%	0.00%	0.00%	< 2.00
MS	32	32	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	55.00
MT	565	523	57	7.26%	5.35%	22.81%	0.00%	0.00%	0.00%	1.90
NC	297	254	44	4.38%	3.94%	6.82%	0.00%	0.00%	0.00%	11.50
NE	37	33	4	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	21.30
NH	8	5	3	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	4.00
NJ	1,518	1,493	25	3.62%	3.15%	32.00%	0.00%	0.00%	0.00%	1.57
NM	590	555	35	3.22%	3.06%	5.71%	0.00%	0.00%	0.00%	1.00
NV	10	8	3	10.00%	12.50%	0.00%	0.00%	0.00%	0.00%	1.10
NY	234	165	79	10.26%	9.09%	11.39%	0.00%	0.00%	0.00%	6.75
OH	1,687	1,557	134	11.32%	10.53%	20.15%	0.00%	0.00%	0.00%	6.18
SD	335	306	29	17.91%	15.03%	48.28%	0.00%	0.00%	0.00%	4.87
TN	303	156	147	8.25%	8.33%	8.16%	0.00%	0.00%	0.00%	3.50
TX										
UT	422	402	34	4.74%	4.48%	8.82%	0.00%	0.00%	0.00%	1.90
VI	3	0	3	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	31.00
VT	12	7	5	91.67%	85.71%	100.00%	0.00%	0.00%	0.00%	1.40
WA	992	937	77	9.38%	9.61%	6.49%	0.00%	0.00%	0.00%	4.50
WV	132	58	75	9.09%	8.62%	9.33%	0.00%	0.00%	0.00%	52.00
WY	145	116	38	16.55%	19.83%	5.26%	0.00%	0.00%	0.00%	12.00
TOTAL	20,198	18,245	2,145	9.54%	8.07%	22.05%	0.00%	0.01%	0.00%	7.50
24 STATES	19,727	17,889	2,017	8.95%	7.51%	21.72%	0.01%	0.01%	0.00%	7.32

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Bromoform is 400 µg/L. This is a draft value for working review only.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.7.b URCIS (Round 1) Data- Bromoform Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	689	1,710	1,372	338	3.22%	0.73%	13.31%	< 0.00	15.00	291.00	0.30	4.40
AL	131	356	247	109	1.69%	1.62%	1.83%	< 0.50	2.00	6.40	1.10	3.10
AR												
AZ	944	3,155	2,404	751	7.42%	5.03%	15.05%	< 0.05	14.00	1,100.00	0.10	3.00
CA	3,563	12,792	12,295	497	5.48%	4.12%	39.24%	< 0.00	9.50	90.50	0.02	2.40
CO	9	33	30	3	12.12%	13.33%	0.00%	< 0.04	11.00	11.00	0.63	2.95
DC	1	60	0	60	1.67%	0.00%	1.67%	< 0.00	0.10	0.10	0.10	0.10
DE	13	386	228	158	19.17%	20.61%	17.09%	< 0.00	4.20	5.80	0.10	0.45
FL	365	494	100	394	29.15%	22.00%	30.96%	< 0.00	33.00	61.00	0.01	2.00
GA	1,162	2,464	1,865	599	7.06%	8.69%	2.00%	< 0.30	2.70	11.20	0.30	1.10
HI	127	1,221	1,081	140	4.34%	4.26%	5.00%	< 0.00	7.90	25.80	0.70	5.20
IA	1,002	2,286	1,861	425	9.36%	10.69%	3.53%	< 0.30	5.00	300.20	0.50	1.35
IL	1,303	6,011	5,044	967	10.38%	10.79%	8.27%	< 0.00	6.10	72.00	0.12	1.55
IN	380	2,464	1,552	912	8.77%	7.47%	10.96%	< 0.04	3.90	26.00	0.09	1.00
KY	524	2,312	1,172	1,140	15.87%	17.49%	14.21%	< 0.50	25.00	246.00	0.80	3.00
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	13	33	26	7	57.58%	61.54%	42.86%	< 0.52	8.70	8.70	0.52	1.10
MD	986	1,909	1,441	468	2.51%	2.91%	1.28%	< 0.10	0.90	9.90	0.10	0.70
MI	1	1	1	0	100.00%	100.00%	0.00%	3.00	3.00	3.00	3.00	3.00
MN	1,565	2,748	2,670	78	1.20%	1.20%	1.28%	< 0.10	1.10	21.00	0.40	1.80
MO	85	326	294	32	0.61%	0.00%	6.25%	< 0.20	< 2.00	2.00	1.00	1.50
MS	32	61	60	1	100.00%	100.00%	100.00%	0.30	55.00	55.00	0.30	1.40
MT	565	1,624	1,376	248	4.25%	3.71%	7.26%	< 0.40	1.90	6.70	0.40	1.00
NC	297	644	569	75	2.17%	1.93%	4.00%	< 0.50	11.50	141.80	0.50	7.45
NE	37	63	55	8	100.00%	100.00%	100.00%	0.20	21.30	21.30	0.20	1.40
NH	8	20	17	3	100.00%	100.00%	100.00%	0.48	4.00	40.00	0.48	1.75
NJ	1,518	3,167	2,801	366	2.78%	2.57%	4.37%	< 0.00	1.57	44.00	0.08	1.30
NM	590	1,595	1,475	120	5.02%	5.22%	2.50%	< 0.00	1.00	31.00	0.50	7.00
NV	10	157	139	18	3.82%	4.32%	0.00%	< 0.20	1.10	2.20	0.20	0.90
NY	234	1,402	962	440	4.28%	3.85%	5.23%	< 0.10	6.75	55.00	0.50	2.00
OH	1,687	6,372	5,757	615	4.74%	4.39%	7.97%	< 0.00	6.18	77.60	0.32	2.34
SD	335	444	363	81	18.47%	13.50%	40.74%	< 0.15	4.87	11.10	0.15	0.58
TN	303	1,221	434	787	10.24%	22.35%	3.56%	< 0.02	3.50	14.10	0.08	0.50
TX												
UT	422	1,331	1,217	114	2.10%	2.05%	2.63%	< 0.00	1.90	14.60	1.00	1.90
VI	3	10	0	10	90.00%	0.00%	90.00%	< 1.00	31.00	31.00	4.10	14.00
VT	12	43	7	36	60.47%	85.71%	55.56%	< 0.00	1.40	1.40	0.50	0.50
WA	992	3,987	3,656	331	6.04%	6.40%	2.11%	< 0.50	4.50	28.00	0.50	1.40
WV	132	656	196	460	7.01%	14.29%	3.91%	< 0.20	52.00	102.00	1.10	10.25
WY	145	313	259	54	12.46%	14.29%	3.70%	< 0.20	12.00	15.00	0.20	1.20
TOTAL	20,198	63,893	53,044	10,849	6.78%	6.02%	10.48%	< 0.00	7.50	1,100.00	0.01	1.90
24 STATES	19,727	61,276	51,207	10,069	6.50%	5.75%	10.33%	< 0.00	7.32	1,100.00	0.01	2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.7.c URCIS (Round 1) Data- Bromoform Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK	1,710	689	550	145	4.79%	1.45%	17.24%	0.15%	0.00%	0.69%	0.00%	0.00%	0.00%
AL	356	131	93	43	3.05%	3.23%	2.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	3,155	944	874	108	6.67%	3.78%	28.70%	0.11%	0.11%	0.00%	0.11%	0.11%	0.00%
CA	12,792	3,563	3,523	68	5.22%	4.71%	44.12%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	33	9	7	3	44.44%	57.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	60	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	386	13	11	2	38.46%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	494	365	67	323	35.89%	26.87%	35.91%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,464	1,162	1,053	109	11.88%	12.25%	8.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	19.69%	20.54%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	2,286	1,002	963	39	15.37%	14.85%	28.21%	0.10%	0.10%	0.00%	0.00%	0.00%	0.00%
IL	6,011	1,303	1,188	115	18.19%	17.17%	28.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	2,464	380	338	43	11.58%	9.76%	25.58%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,312	524	291	233	30.15%	30.58%	29.61%	0.19%	0.00%	0.43%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	33	13	7	6	61.54%	71.43%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,909	986	940	51	3.45%	3.09%	9.80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	2,748	1,565	1,540	29	1.85%	1.82%	3.45%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	326	85	71	14	2.35%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	61	32	32	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT	1,624	565	523	57	7.26%	5.35%	22.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	4.38%	3.94%	6.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE	63	37	33	4	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	20	8	5	3	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	3,167	1,518	1,493	25	3.62%	3.15%	32.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	3.22%	3.06%	5.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	157	10	8	3	10.00%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	1,402	234	165	79	10.26%	9.09%	11.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	6,372	1,687	1,557	134	11.32%	10.53%	20.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	444	335	306	29	17.91%	15.03%	48.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,221	303	156	147	8.25%	8.33%	8.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX													
UT	1,331	422	402	34	4.74%	4.48%	8.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	43	12	7	5	91.67%	85.71%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	9.38%	9.61%	6.49%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	656	132	58	75	9.09%	8.62%	9.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	16.55%	19.83%	5.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	63,893	20,198	18,245	2,145	9.54%	8.07%	22.05%	0.02%	0.01%	0.09%	0.00%	0.01%	0.00%
24 STATES	61,276	19,727	17,889	2,017	8.95%	7.51%	21.72%	0.02%	0.01%	0.10%	0.01%	0.01%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.
"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.
The Health Reference Level (HRL) used for Bromodichloromethane is 60 µg/L. This is a draft value for working review only.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.8.a URCIS (Round 1) Data- Bromomethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	661	532	134	0.45%	0.19%	1.49%	0.15%	0.00%	0.75%	< 0.00
AL	131	93	42	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
AR										
AZ	944	874	106	0.21%	0.11%	0.94%	0.00%	0.00%	0.00%	< 5.00
CA	3,516	3,482	51	0.40%	0.34%	3.92%	0.03%	0.00%	1.96%	< 2.00
CO	9	7	4	11.11%	14.29%	25.00%	0.00%	0.00%	0.00%	5.00
DC	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.50
DE	13	11	2	7.69%	0.00%	50.00%	7.69%	0.00%	50.00%	< 0.90
FL	228	45	204	3.51%	2.22%	3.43%	0.00%	0.00%	0.00%	1.00
GA	1,162	1,053	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA	805	766	39	0.12%	0.00%	2.56%	0.00%	0.00%	0.00%	< 1.00
IL	1,301	1,186	115	0.38%	0.42%	0.00%	0.00%	0.00%	0.00%	< 2.00
IN	304	273	32	0.33%	0.37%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	7.63%	13.75%	0.00%	2.29%	4.12%	0.00%	7.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA										
MD	985	939	51	0.20%	0.11%	1.96%	0.00%	0.00%	0.00%	< 0.50
MI										
MN	1,553	1,529	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MO	71	57	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	6.30
MT	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NC	297	254	44	1.35%	0.39%	6.82%	0.34%	0.39%	0.00%	< 0.50
NE	3	3	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	1.40
NH										
NJ	1,518	1,493	25	0.26%	0.13%	8.00%	0.00%	0.00%	0.00%	< 4.51
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	355	252	122	0.56%	0.40%	0.82%	0.00%	0.00%	0.00%	< 1.00
OH	2,654	2,492	166	2.07%	2.17%	0.60%	0.08%	0.04%	0.60%	< 4.00
SD	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	303	156	147	0.99%	0.64%	1.36%	0.00%	0.00%	0.00%	< 1.10
TX	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	5.00
UT	423	403	34	1.89%	1.74%	2.94%	0.00%	0.00%	0.00%	< 0.50
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	1.00
WA	992	937	77	0.30%	0.32%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	135	62	74	0.74%	1.61%	0.00%	0.74%	1.61%	0.00%	< 4.00
WY	145	116	38	0.69%	0.86%	0.00%	0.00%	0.00%	0.00%	< 2.00
TOTAL	20,677	18,821	2,038	0.80%	0.74%	1.32%	0.09%	0.08%	0.20%	< 4.00
24 STATES	20,198	18,472	1,886	0.77%	0.71%	1.22%	0.09%	0.08%	0.16%	< 4.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Bromomethane (Methyl Bromide) is 10 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.8.b URCIS (Round 1) Data- Bromomethane Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	661	1,609	1,323	286	0.19%	0.08%	0.70%	< 0.00	< 0.00	11.00	2.80	5.20
AL	131	351	244	107	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
AR												
AZ	944	2,935	2,274	661	0.07%	0.04%	0.15%	< 0.05	< 5.00	2.00	0.80	1.40
CA	3,516	13,073	12,823	250	0.27%	0.26%	0.80%	< 0.00	< 2.00	11.00	0.50	0.50
CO	9	34	30	4	5.88%	3.33%	25.00%	< 0.03	5.00	5.00	4.69	4.85
DC	1	63	0	63	1.59%	0.00%	1.59%	< 0.00	0.50	0.50	0.50	0.50
DE	13	333	189	144	0.30%	0.00%	0.69%	< 0.00	< 0.90	49.90	49.90	49.90
FL	228	322	69	253	2.48%	1.45%	2.77%	< 0.00	1.00	2.00	0.10	1.00
GA	1,162	2,463	1,864	599	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,222	1,081	141	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA	805	1,212	1,035	177	0.08%	0.00%	0.56%	< 0.10	< 1.00	0.50	0.50	0.50
IL	1,301	5,999	5,034	965	0.12%	0.14%	0.00%	< 0.00	< 2.00	3.50	0.16	0.50
IN	304	1,709	1,325	384	0.12%	0.15%	0.00%	< 0.09	< 2.00	0.49	0.49	0.49
KY	524	2,311	1,172	1,139	3.63%	7.17%	0.00%	< 0.50	7.00	43.00	1.00	4.00
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA												
MD	985	1,908	1,440	468	0.10%	0.07%	0.21%	< 0.10	< 0.50	0.40	0.10	0.25
MI												
MN	1,553	2,657	2,589	68	0.00%	0.00%	0.00%	< 2.00	< 2.00	< 20.00		
MO	71	228	202	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	1	3	3	0	100.00%	100.00%	0.00%	0.60	6.30	6.30	0.60	4.10
MT	565	1,621	1,376	245	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
NC	297	644	569	75	0.78%	0.18%	5.33%	< 0.50	< 0.50	25.70	1.10	1.10
NE	3	3	3	0	100.00%	100.00%	0.00%	0.40	1.40	1.40	0.40	0.60
NH												
NJ	1,518	3,166	2,800	366	0.13%	0.07%	0.55%	< 0.00	< 4.51	5.00	0.50	2.21
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	355	2,168	1,619	549	0.09%	0.06%	0.18%	< 0.11	< 1.00	3.00	2.15	2.58
OH	2,654	15,951	15,034	917	0.48%	0.50%	0.11%	< 0.07	< 4.00	15.20	0.07	0.70
SD	335	444	363	81	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	303	1,221	434	787	0.33%	0.46%	0.25%	< 0.10	< 1.10	10.00	0.60	1.40
TX	1	1	1	0	100.00%	100.00%	0.00%	5.00	5.00	5.00	5.00	5.00
UT	423	1,326	1,212	114	1.21%	1.24%	0.88%	< 0.10	< 0.50	7.40	0.50	0.50
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1	0	100.00%	100.00%	0.00%	1.00	1.00	1.00	1.00	1.00
WA	992	3,987	3,656	331	0.10%	0.11%	0.00%	< 0.50	< 0.50	2.40	0.90	1.30
WV	135	385	161	224	0.26%	0.62%	0.00%	< 0.50	< 4.00	29.00	29.00	29.00
WY	145	313	259	54	0.32%	0.39%	0.00%	< 0.10	< 2.00	0.80	0.80	0.80
TOTAL	20,677	71,438	61,814	9,624	0.38%	0.39%	0.29%	< 0.00	< 4.00	49.90	0.07	1.00
24 States	20,198	68,424	59,612	8,812	0.37%	0.39%	0.27%	< 0.00	< 4.00	43.00	0.07	1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.8.c URCIS (Round 1) Data- Bromomethane Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,609	661	532	134	0.45%	0.19%	1.49%	0.30%	0.19%	0.75%	0.15%	0.00%	0.75%
AL	351	131	93	42	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	2,935	944	874	106	0.21%	0.11%	0.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	13,073	3,516	3,482	51	0.40%	0.34%	3.92%	0.03%	0.00%	1.96%	0.03%	0.00%	1.96%
CO	34	9	7	4	11.11%	14.29%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	63	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	7.69%	0.00%	50.00%	7.69%	0.00%	50.00%	7.69%	0.00%	50.00%
FL	322	228	45	204	3.51%	2.22%	3.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,463	1,162	1,053	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,222	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,212	805	766	39	0.12%	0.00%	2.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	5,999	1,301	1,186	115	0.38%	0.42%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,709	304	273	32	0.33%	0.37%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,311	524	291	233	7.63%	13.75%	0.00%	3.05%	5.50%	0.00%	2.29%	4.12%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA													
MD	1,908	985	939	51	0.20%	0.11%	1.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI													
MN	2,657	1,553	1,529	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	228	71	57	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	3	1	1	0	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%
MT	1,621	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	1.35%	0.39%	6.82%	0.34%	0.39%	0.00%	0.34%	0.39%	0.00%
NE	3	3	3	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH													
NJ	3,166	1,518	1,493	25	0.26%	0.13%	8.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,168	355	252	122	0.56%	0.40%	0.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	15,951	2,654	2,492	166	2.07%	2.17%	0.60%	0.23%	0.20%	0.60%	0.08%	0.04%	0.60%
SD	444	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,221	303	156	147	0.99%	0.64%	1.36%	0.33%	0.00%	0.68%	0.00%	0.00%	0.00%
TX	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
UT	1,326	423	403	34	1.89%	1.74%	2.94%	0.24%	0.25%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	0.30%	0.32%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	385	135	62	74	0.74%	1.61%	0.00%	0.74%	1.61%	0.00%	0.74%	1.61%	0.00%
WY	313	145	116	38	0.69%	0.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	71,438	20,677	18,821	2,038	0.80%	0.74%	1.32%	0.15%	0.14%	0.25%	0.09%	0.08%	0.20%
24 States	68,424	20,198	18,472	1,886	0.77%	0.71%	1.22%	0.14%	0.14%	0.21%	0.09%	0.08%	0.16%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the

The Maximum Contaminant Level (MCL) for Bromomethane (Methyl Bromide) is 10 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.9.a URCIS (Round 1) Data- Carbon Tetrachloride Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	686	555	137	1.31%	1.26%	1.46%	0.44%	0.54%	0.00%	< 0.00
AL	132	94	42	2.27%	3.19%	0.00%	0.00%	0.00%	0.00%	0.70
AR										
AZ	971	895	119	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	3,530	3,501	40	1.33%	1.34%	0.00%	0.34%	0.34%	0.00%	5.50
CO	17	12	6	41.18%	33.33%	50.00%	17.65%	16.67%	16.67%	9.00
DC	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.90
DE	13	11	2	15.38%	18.18%	0.00%	0.00%	0.00%	0.00%	< 0.50
FL										
GA	1,162	1,053	109	0.26%	0.28%	0.00%	0.09%	0.09%	0.00%	< 0.50
HI	19	15	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA										
IL										
IN	394	349	46	2.03%	1.15%	8.70%	0.00%	0.00%	0.00%	0.19
KY	525	291	234	3.05%	2.06%	4.27%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	38.46%	22.22%	75.00%	0.00%	0.00%	0.00%	2.77
MA	7	3	4	71.43%	100.00%	50.00%	0.00%	0.00%	0.00%	3.10
MD	844	798	51	4.74%	2.13%	47.06%	0.24%	0.13%	1.96%	0.90
MI	4	4	0	100.00%	100.00%	0.00%	25.00%	25.00%	0.00%	41.00
MN	1,565	1,540	29	1.28%	1.23%	3.45%	0.00%	0.00%	0.00%	< 0.20
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS	2	2	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	1.80
MT										
NC	297	254	44	6.06%	5.12%	11.36%	0.67%	0.00%	4.55%	1.80
NE	58	56	2	100.00%	100.00%	100.00%	24.14%	25.00%	0.00%	36.30
NH										
NJ	1,242	1,239	3	1.37%	1.37%	0.00%	0.08%	0.08%	0.00%	0.54
NM	590	555	35	0.17%	0.18%	0.00%	0.17%	0.18%	0.00%	< 1.00
NV	10	8	4	10.00%	12.50%	0.00%	0.00%	0.00%	0.00%	0.40
NY	356	253	122	1.12%	0.79%	1.64%	0.28%	0.00%	0.82%	< 1.00
OH	1,686	1,556	134	0.36%	0.39%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD										
TN										
TX	12	4	8	100.00%	100.00%	100.00%	16.67%	50.00%	0.00%	514.00
UT	418	396	36	0.96%	1.01%	0.00%	0.00%	0.00%	0.00%	2.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
VT										
WA	992	937	77	0.60%	0.64%	0.00%	0.20%	0.21%	0.00%	< 0.50
WV	69	32	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	144	116	37	2.08%	0.86%	5.41%	0.00%	0.00%	0.00%	< 0.70
TOTAL	15,847	14,609	1,385	1.91%	1.60%	5.05%	0.28%	0.27%	0.36%	1.90
24 STATES	15,266	14,176	1,214	1.32%	1.09%	3.95%	0.16%	0.15%	0.25%	1.60

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Carbon Tetrachloride is 5 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.9.b URCIS (Round 1) Data- Carbon Tetrachloride Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	686	1,786	1,483	303	0.56%	0.54%	0.66%	< 0.00	< 0.00	8.00	0.30	3.65
AL	132	354	247	107	1.13%	1.62%	0.00%	< 0.50	0.70	4.90	0.70	1.45
AR												
AZ	971	3,103	2,386	717	0.00%	0.00%	0.00%	< 0.05	< 1.00	< 5.00		
CA	3,530	12,807	12,699	108	5.11%	5.16%	0.00%	< 0.00	5.50	29.00	0.20	2.10
CO	17	44	38	6	18.18%	13.16%	50.00%	< 0.00	9.00	9.00	0.11	2.00
DC	1	66	0	66	4.55%		4.55%	< 0.50	0.90	0.90	0.70	0.80
DE	13	336	191	145	0.89%	1.57%	0.00%	< 0.10	< 0.50	3.10	0.10	0.80
FL												
GA	1,162	2,458	1,863	595	0.85%	1.13%	0.00%	< 0.50	< 0.50	19.70	0.60	11.70
HI	19	60	33	27	0.00%	0.00%	0.00%	< 0.30	< 0.30	< 0.30		
IA												
IL												
IN	394	2,622	1,804	818	1.07%	1.22%	0.73%	< 0.06	0.19	1.90	0.18	1.00
KY	525	3,687	1,406	2,281	0.46%	0.43%	0.48%	< 0.08	< 1.00	4.00	0.87	2.00
LA	13	22	18	4	31.82%	22.22%	75.00%	< 0.50	2.77	2.77	0.90	1.20
MA	7	12	8	4	83.33%	100.00%	50.00%	0.20	3.10	3.10	0.20	0.65
MD	844	1,785	1,306	479	6.05%	2.60%	15.45%	< 0.10	0.90	16.80	0.10	0.40
MI	4	4	4	0	100.00%	100.00%		1.00	41.00	41.00	1.00	3.50
MN	1,565	2,754	2,675	79	0.80%	0.79%	1.27%	< 0.20	< 0.20	1.30	0.20	0.40
MO	85	329	297	32	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	2	5	3	2	100.00%	100.00%	100.00%	0.60	1.80	1.80	0.60	1.00
MT												
NC	297	644	569	75	3.73%	3.16%	8.00%	< 0.21	1.80	7.10	0.21	1.30
NE	58	146	143	3	100.00%	100.00%	100.00%	0.20	36.30	48.00	0.20	1.10
NH												
NJ	1,242	1,771	1,762	9	1.75%	1.76%	0.00%	< 0.00	0.54	15.20	0.14	0.61
NM	590	1,595	1,475	120	0.13%	0.14%	0.00%	< 0.00	< 1.00	8.30	8.20	8.25
NV	10	191	155	36	1.57%	1.94%	0.00%	< 0.05	0.40	0.40	0.30	0.40
NY	356	2,166	1,616	550	0.37%	0.12%	1.09%	< 0.02	< 1.00	18.00	0.60	1.05
OH	1,686	6,366	5,756	610	0.53%	0.59%	0.00%	< 0.00	< 0.50	2.95	0.23	1.05
SD												
TN												
TX	12	19	11	8	100.00%	100.00%	100.00%	1.00	514.00	514.00	1.00	1.70
UT	418	1,289	1,174	115	0.62%	0.68%	0.00%	< 0.00	2.00	4.00	0.10	0.10
VI	3	10	0	10	0.00%		0.00%	< 0.50	< 0.50	< 0.50		
VT												
WA	992	3,987	3,656	331	0.43%	0.46%	0.00%	< 0.50	< 0.50	10.60	0.50	1.40
WV	69	463	130	333	0.00%	0.00%	0.00%	< 0.05	< 4.00	< 5.00		
WY	144	310	259	51	0.97%	0.39%	3.92%	< 0.20	< 0.70	3.30	0.40	2.10
TOTAL	15,847	51,191	43,167	8,024	2.34%	2.47%	1.65%	< 0.00	1.90	514.00	0.10	1.40
24 States	15,266	47,841	40,683	7,158	2.06%	2.17%	1.42%	< 0.00	1.60	29.00	0.10	1.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.9.c URCIS (Round 1) Data- Carbon Tetrachloride Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,786	686	555	137	1.31%	1.26%	1.46%	0.87%	0.90%	0.73%	0.44%	0.54%	0.00%
AL	354	132	94	42	2.27%	3.19%	0.00%	0.76%	1.06%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	3,103	971	895	119	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	12,807	3,530	3,501	40	1.33%	1.34%	0.00%	0.54%	0.54%	0.00%	0.34%	0.34%	0.00%
CO	44	17	12	6	41.18%	33.33%	50.00%	17.65%	16.67%	16.67%	17.65%	16.67%	16.67%
DC	66	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	336	13	11	2	15.38%	18.18%	0.00%	7.69%	9.09%	0.00%	0.00%	0.00%	0.00%
FL													
GA	2,458	1,162	1,053	109	0.26%	0.28%	0.00%	0.17%	0.19%	0.00%	0.09%	0.09%	0.00%
HI	60	19	15	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA													
IL													
IN	2,622	394	349	46	2.03%	1.15%	8.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	3,687	525	291	234	3.05%	2.06%	4.27%	1.14%	1.03%	1.28%	0.00%	0.00%	0.00%
LA	22	13	9	4	38.46%	22.22%	75.00%	7.69%	0.00%	25.00%	0.00%	0.00%	0.00%
MA	12	7	3	4	71.43%	100.00%	50.00%	14.29%	33.33%	0.00%	0.00%	0.00%	0.00%
MD	1,785	844	798	51	4.74%	2.13%	47.06%	0.24%	0.13%	1.96%	0.24%	0.13%	1.96%
MI	4	4	4	0	100.00%	100.00%	0.00%	75.00%	75.00%	0.00%	25.00%	25.00%	0.00%
MN	2,754	1,565	1,540	29	1.28%	1.23%	3.45%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	329	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	5	2	2	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT													
NC	644	297	254	44	6.06%	5.12%	11.36%	1.35%	0.79%	4.55%	0.67%	0.00%	4.55%
NE	146	58	56	2	100.00%	100.00%	100.00%	34.48%	33.93%	50.00%	24.14%	25.00%	0.00%
NH													
NJ	1,771	1,242	1,239	3	1.37%	1.37%	0.00%	0.08%	0.08%	0.00%	0.08%	0.08%	0.00%
NM	1,595	590	555	35	0.17%	0.18%	0.00%	0.17%	0.18%	0.00%	0.17%	0.18%	0.00%
NV	191	10	8	4	10.00%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,166	356	253	122	1.12%	0.79%	1.64%	0.28%	0.00%	0.82%	0.28%	0.00%	0.82%
OH	6,366	1,686	1,556	134	0.36%	0.39%	0.00%	0.06%	0.06%	0.00%	0.00%	0.00%	0.00%
SD													
TN													
TX	19	12	4	8	100.00%	100.00%	100.00%	16.67%	50.00%	0.00%	16.67%	50.00%	0.00%
UT	1,289	418	396	36	0.96%	1.01%	0.00%	0.24%	0.25%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT													
WA	3,987	992	937	77	0.60%	0.64%	0.00%	0.40%	0.43%	0.00%	0.20%	0.21%	0.00%
WV	463	69	32	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	310	144	116	37	2.08%	0.86%	5.41%	0.69%	0.86%	0.00%	0.00%	0.00%	0.00%
TOTAL	51,191	15,847	14,609	1,385	1.91%	1.60%	5.05%	0.51%	0.48%	0.79%	0.28%	0.27%	0.36%
24 States	47,841	15,266	14,176	1,214	1.32%	1.09%	3.95%	0.32%	0.30%	0.58%	0.16%	0.15%	0.25%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for l
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy
The Maximum Contaminant Level (MCL) for Carbon Tetrachloride is 5 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.10.a URCIS (Round 1) Data- Chlorobenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	698	566	138	0.29%	0.35%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	131	93	42	6.11%	5.38%	7.14%	0.00%	0.00%	0.00%	0.80
AR										
AZ	944	874	106	0.21%	0.23%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	3,515	3,491	36	0.28%	0.23%	8.33%	0.00%	0.00%	0.00%	< 1.00
CO	11	7	5	18.18%	0.00%	40.00%	0.00%	0.00%	0.00%	2.00
DC	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	3.00
DE	13	11	2	15.38%	9.09%	50.00%	0.00%	0.00%	0.00%	< 0.50
FL	234	49	208	4.70%	6.12%	3.85%	0.00%	0.00%	0.00%	1.10
GA	1,163	1,054	109	0.26%	0.00%	2.75%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA	1,002	963	39	0.40%	0.10%	7.69%	0.00%	0.00%	0.00%	< 1.00
IL	1,301	1,187	114	2.31%	0.51%	21.05%	0.00%	0.00%	0.00%	0.02
IN	369	331	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	1.10
MD	844	798	51	1.07%	0.75%	5.88%	0.00%	0.00%	0.00%	1.00
MI	2	2	0	100.00%	100.00%	0.00%	50.00%	50.00%	0.00%	213.00
MN	1,565	1,540	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	1.00
MT	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NC	297	254	44	1.35%	0.39%	6.82%	0.00%	0.00%	0.00%	< 0.50
NE	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.15
NH	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.67
NJ	1,523	1,498	25	0.92%	0.67%	16.00%	0.00%	0.00%	0.00%	< 1.00
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	357	253	123	0.56%	0.00%	1.63%	0.00%	0.00%	0.00%	< 1.00
OH	2,655	2,492	167	0.08%	0.04%	0.60%	0.00%	0.00%	0.00%	< 1.00
SD										
TN	303	156	147	0.99%	0.00%	2.04%	0.00%	0.00%	0.00%	< 0.50
TX	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	2.00
UT	414	394	34	0.72%	0.76%	0.00%	0.00%	0.00%	0.00%	10.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.50
WA	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	137	63	75	0.73%	0.00%	1.33%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.90
TOTAL	20,539	18,702	2,016	0.60%	0.30%	3.37%	0.00%	0.01%	0.00%	< 1.00
24 STATES	20,038	18,337	1,859	0.53%	0.26%	3.17%	0.00%	0.00%	0.00%	< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Chlorobenzene is 100 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.10.b URCIS (Round 1) Data- Chlorobenzene Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	698	1,957	1,653	304	0.10%	0.12%	0.00%	< 0.00	< 0.00	0.20	0.20	0.20
AL	131	352	244	108	3.13%	3.28%	2.78%	< 0.50	0.80	1.60	0.50	0.70
AR												
AZ	944	2,936	2,275	661	0.07%	0.09%	0.00%	< 0.05	< 1.00	2.00	1.00	1.50
CA	3,515	11,679	11,577	102	0.18%	0.12%	6.86%	< 0.00	< 1.00	10.00	0.10	1.40
CO	11	35	30	5	5.71%	0.00%	40.00%	< 0.04	2.00	2.00	0.68	1.34
DC	1	63	0	63	1.59%		1.59%	< 0.50	3.00	3.00	3.00	3.00
DE	13	333	189	144	0.60%	0.53%	0.69%	< 0.00	< 0.50	1.90	1.00	1.45
FL	234	340	79	261	4.41%	7.59%	3.45%	< 0.00	1.10	30.00	0.05	1.00
GA	1,163	2,465	1,866	599	0.12%	0.00%	0.50%	< 0.50	< 0.50	0.50	0.50	0.50
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 1.00		
IA	1,002	1,909	1,697	212	0.31%	0.06%	2.36%	< 0.20	< 1.00	2.80	0.60	0.85
IL	1,301	5,341	4,336	1,005	1.01%	0.39%	3.68%	< 0.02	0.02	7.80	0.02	1.40
IN	369	1,949	1,526	423	0.00%	0.00%	0.00%	< 0.09	< 2.00	< 5.00		
KY	524	2,311	1,172	1,139	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	2	2	2	0	100.00%	100.00%		0.91	1.10	1.10	0.91	1.01
MD	844	1,786	1,306	480	0.67%	0.61%	0.83%	< 0.10	1.00	5.00	0.10	0.80
MI	2	52	52	0	100.00%	100.00%		2.00	213.00	213.00	2.00	21.00
MN	1,565	2,757	2,678	79	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 2.00		
MO	85	321	295	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	1	1	0	1	100.00%		100.00%	1.00	1.00	1.00	1.00	1.00
MT	565	1,623	1,376	247	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
NC	297	644	569	75	0.62%	0.18%	4.00%	< 0.50	< 0.50	4.80	0.90	1.80
NE	1	1	0	1	100.00%		100.00%	0.15	0.15	0.15	0.15	0.15
NH	2	2	2	0	100.00%	100.00%		0.51	0.67	0.67	0.51	0.59
NJ	1,523	3,172	2,806	366	0.63%	0.57%	1.09%	< 0.00	< 1.00	24.80	0.14	1.04
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	357	2,572	1,878	694	0.08%	0.00%	0.29%	< 0.02	< 1.00	8.00	0.60	4.30
OH	2,655	16,085	15,165	920	0.02%	0.01%	0.22%	< 0.08	< 1.00	4.90	2.00	2.50
SD												
TN	303	1,221	434	787	0.33%	0.00%	0.51%	< 0.01	< 0.50	1.80	0.60	1.05
TX	1	1	0	1	100.00%		100.00%	2.00	2.00	2.00	2.00	2.00
UT	414	1,283	1,172	111	0.55%	0.60%	0.00%	< 0.10	10.00	0.10	0.10	0.10
VI	3	10	0	10	0.00%		0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1	0	100.00%	100.00%		0.50	0.50	0.50	0.50	0.50
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	137	395	164	231	0.25%	0.00%	0.43%	< 0.20	< 4.00	3.10	3.10	3.10
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.20	< 0.90	< 1.00		
TOTAL	20,539	70,885	61,169	9,716	0.33%	0.23%	0.94%	< 0.00	< 1.00	213.00	0.02	1.40
24 States	20,038	67,321	58,566	8,755	0.25%	0.14%	0.94%	< 0.00	< 1.00	30.00	0.02	1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.10.c URCIS (Round 1) Data- Chlorobenzene Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,957	698	566	138	0.29%	0.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	352	131	93	42	6.11%	5.38%	7.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	2,936	944	874	106	0.21%	0.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	11,679	3,515	3,491	36	0.28%	0.23%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	35	11	7	5	18.18%	0.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	63	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	15.38%	9.09%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	340	234	49	208	4.70%	6.12%	3.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,465	1,163	1,054	109	0.26%	0.00%	2.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,909	1,002	963	39	0.40%	0.10%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	5,341	1,301	1,187	114	2.31%	0.51%	21.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,949	369	331	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,311	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	2	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,786	844	798	51	1.07%	0.75%	5.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	52	2	2	0	100.00%	100.00%	0.00%	50.00%	50.00%	0.00%	50.00%	50.00%	0.00%
MN	2,757	1,565	1,540	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	321	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	1	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT	1,623	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	1.35%	0.39%	6.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE	1	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	2	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	3,172	1,523	1,498	25	0.92%	0.67%	16.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,572	357	253	123	0.56%	0.00%	1.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	16,085	2,655	2,492	167	0.08%	0.04%	0.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	1,221	303	156	147	0.99%	0.00%	2.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	1	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
UT	1,283	414	394	34	0.72%	0.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	395	137	63	75	0.73%	0.00%	1.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	70,885	20,539	18,702	2,016	0.60%	0.30%	3.37%	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%
24 States	67,321	20,038	18,337	1,859	0.53%	0.26%	3.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for l
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy
The Maximum Contaminant Level (MCL) for Chlorobenzene is 100 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.11.a URCIS (Round 1) Data- Chloroethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	662	532	135	0.30%	0.19%	0.74%				< 0.00
AL	131	93	42	3.82%	1.08%	9.52%				0.80
AR										
AZ	944	874	106	0.00%	0.00%	0.00%				< 1.00
CA	3,494	3,465	39	0.11%	0.09%	5.13%				< 0.60
CO	9	7	3	11.11%	14.29%	0.00%				16.00
DC	1	0	1	0.00%	0.00%	0.00%				< 0.50
DE	13	11	2	15.38%	18.18%	0.00%				< 0.90
FL	226	44	203	4.42%	4.55%	3.94%				1.00
GA	1,162	1,053	109	0.09%	0.09%	0.00%				< 0.50
HI	127	112	16	0.00%	0.00%	0.00%				< 0.30
IA	805	766	39	0.00%	0.00%	0.00%				< 1.00
IL	1,302	1,187	115	0.46%	0.42%	0.87%				< 1.00
IN	365	327	39	0.00%	0.00%	0.00%				< 2.00
KY	524	291	233	0.38%	0.34%	0.43%				< 1.00
LA	13	9	4	0.00%	0.00%	0.00%				< 0.50
MA	3	3	0	100.00%	100.00%	0.00%				1.90
MD	986	940	51	0.41%	0.32%	1.96%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Chloroethane.			< 1.00
MI										
MN	1,553	1,529	28	0.13%	0.13%	0.00%				< 1.00
MO	85	71	14	0.00%	0.00%	0.00%				< 2.00
MS	6	6	0	100.00%	100.00%	0.00%				3.10
MT	565	523	57	0.18%	0.00%	1.75%				< 1.00
NC	297	254	44	0.34%	0.39%	0.00%				< 0.50
NE										
NH										
NJ	1,517	1,492	25	0.26%	0.13%	8.00%				< 2.64
NM	590	555	35	0.00%	0.00%	0.00%				< 1.00
NV	8	7	2	0.00%	0.00%	0.00%				< 0.20
NY	355	252	122	0.28%	0.40%	0.00%				< 1.00
OH	2,654	2,492	166	0.98%	0.96%	1.20%				< 2.00
SD	335	306	29	0.60%	0.65%	0.00%				< 0.15
TN	303	156	147	0.00%	0.00%	0.00%				< 0.50
TX	3	2	1	100.00%	100.00%	100.00%				5.00
UT	420	400	34	1.43%	1.25%	2.94%				< 10.00
VI	3		3	0.00%	0.00%	0.00%				< 1.00
VT	1	1	0	100.00%	100.00%	0.00%				1.00
WA	992	937	77	0.00%	0.00%	0.00%				< 0.50
WV	137	63	75	1.46%	1.59%	1.33%				< 4.00
WY	145	116	38	0.00%	0.00%	0.00%				< 2.00
TOTAL	20,736	18,876	2,034	0.46%	0.37%	1.28%				< 2.00
24 STATES	20,236	18,507	1,882	0.39%	0.29%	1.33%				< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type);
MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.11.b URCIS (Round 1) Data- Chloroethane Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	662	1,610	1,323	287	0.12%	0.08%	0.35%	< 0.00	< 0.00	21.00	2.70	11.85
AL	131	351	244	107	1.71%	0.41%	4.67%	< 0.50	0.80	112.00	0.55	1.10
AR												
AZ	944	2,916	2,256	660	0.00%	0.00%	0.00%	< 0.05	< 1.00	< 10.00		
CA	3,494	11,461	11,376	85	0.07%	0.05%	2.35%	< 0.00	< 0.60	22.00	0.90	3.90
CO	9	36	33	3	8.33%	9.09%	0.00%	< 0.10	16.00	16.00	1.80	6.90
DC	1	63	0	63	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	336	191	145	0.60%	1.05%	0.00%	< 0.40	< 0.90	9.70	3.00	6.35
FL	226	324	71	253	3.40%	4.23%	3.16%	< 0.00	1.00	10.40	0.10	1.00
GA	1,162	2,464	1,865	599	0.04%	0.05%	0.00%	< 0.50	< 0.50	0.70	0.70	0.70
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA	805	1,211	1,035	176	0.00%	0.00%	0.00%	< 0.10	< 1.00	< 1.00		
IL	1,302	6,001	5,034	967	0.15%	0.16%	0.10%	< 0.00	< 1.00	59.00	0.22	0.50
IN	365	1,939	1,518	421	0.00%	0.00%	0.00%	< 0.10	< 2.00	< 10.00		
KY	524	2,311	1,172	1,139	0.09%	0.09%	0.09%	< 0.50	< 1.00	2.00	1.00	1.50
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	3	5	5	0	100.00%	100.00%	0.00%	0.13	1.90	1.90	0.13	0.90
MD	986	1,909	1,441	468	0.26%	0.28%	0.21%	< 0.10	< 1.00	8.00	0.10	0.20
MI												
MN	1,553	2,656	2,588	68	0.08%	0.08%	0.00%	< 1.00	< 1.00	9.00	5.20	7.10
MO	85	321	295	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	6	6	6	0	100.00%	100.00%	0.00%	0.70	3.10	3.10	0.70	0.75
MT	565	1,624	1,376	248	0.06%	0.00%	0.40%	< 0.50	< 1.00	7.80	7.80	7.80
NC	297	644	569	75	0.16%	0.18%	0.00%	< 0.50	< 0.50	1.16	1.16	1.16
NE												
NH												
NJ	1,517	3,165	2,799	366	0.16%	0.07%	0.82%	< 0.00	< 2.64	8.00	1.00	1.20
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	355	2,160	1,615	545	0.19%	0.25%	0.00%	< 0.10	< 1.00	5.00	1.00	4.00
OH	2,654	15,957	15,039	918	0.20%	0.19%	0.33%	< 0.20	< 2.00	26.00	0.60	1.18
SD	335	444	363	81	1.13%	1.38%	0.00%	0.15	< 0.15	0.15	0.15	0.15
TN	303	1,221	434	787	0.00%	0.00%	0.00%	< 0.10	< 0.50	0.50		
TX	3	4	3	1	100.00%	100.00%	100.00%	1.60	5.00	5.00	1.60	1.95
UT	420	1,319	1,205	114	0.76%	0.75%	0.88%	< 0.10	< 10.00	1.00	0.50	0.50
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1	0	100.00%	100.00%	0.00%	1.00	1.00	1.00	1.00	1.00
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	137	390	163	227	0.51%	0.61%	0.44%	< 0.20	< 4.00	64.00	25.00	44.50
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.40	< 2.00	< 2.00		
TOTAL	20,736	70,145	60,645	9,500	0.18%	0.16%	0.31%	< 0.00	< 2.00	112.00	0.10	1.00
24 States	20,236	67,033	58,342	8,691	0.15%	0.13%	0.32%	< 0.00	< 2.00	112.00	0.10	1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.11.c URCIS (Round 1) Data- Chloroethane Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,610	662	532	135	0.30%	0.19%	0.74%						
AL	351	131	93	42	3.82%	1.08%	9.52%						
AR													
AZ	2,916	944	874	106	0.00%	0.00%	0.00%						
CA	11,461	3,494	3,465	39	0.11%	0.09%	5.13%						
CO	36	9	7	3	11.11%	14.29%	0.00%						
DC	63	1	0	1	0.00%	0.00%	0.00%						
DE	336	13	11	2	15.38%	18.18%	0.00%						
FL	324	226	44	203	4.42%	4.55%	3.94%						
GA	2,464	1,162	1,053	109	0.09%	0.09%	0.00%						
HI	1,221	127	112	16	0.00%	0.00%	0.00%						
IA	1,211	805	766	39	0.00%	0.00%	0.00%						
IL	6,001	1,302	1,187	115	0.46%	0.42%	0.87%						
IN	1,939	365	327	39	0.00%	0.00%	0.00%						
KY	2,311	524	291	233	0.38%	0.34%	0.43%						
LA	22	13	9	4	0.00%	0.00%	0.00%						
MA	5	3	3	0	100.00%	100.00%	0.00%						
MD	1,909	986	940	51	0.41%	0.32%	1.96%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Chloroethane.					
MI													
MN	2,656	1,553	1,529	28	0.13%	0.13%	0.00%						
MO	321	85	71	14	0.00%	0.00%	0.00%						
MS	6	6	6	0	100.00%	100.00%	0.00%						
MT	1,624	565	523	57	0.18%	0.00%	1.75%						
NC	644	297	254	44	0.34%	0.39%	0.00%						
NE													
NH													
NJ	3,165	1,517	1,492	25	0.26%	0.13%	8.00%						
NM	1,595	590	555	35	0.00%	0.00%	0.00%						
NV	148	8	7	2	0.00%	0.00%	0.00%						
NY	2,160	355	252	122	0.28%	0.40%	0.00%						
OH	15,957	2,654	2,492	166	0.98%	0.96%	1.20%						
SD	444	335	306	29	0.60%	0.65%	0.00%						
TN	1,221	303	156	147	0.00%	0.00%	0.00%						
TX	4	3	2	1	100.00%	100.00%	100.00%						
UT	1,319	420	400	34	1.43%	1.25%	2.94%						
VI	10	3	0	3	0.00%	0.00%	0.00%						
VT	1	1	1	0	100.00%	100.00%	0.00%						
WA	3,987	992	937	77	0.00%	0.00%	0.00%						
WV	390	137	63	75	1.46%	1.59%	1.33%						
WY	313	145	116	38	0.00%	0.00%	0.00%						
TOTAL	70,145	20,736	18,876	2,034	0.46%	0.37%	1.28%						
24 States	67,033	20,236	18,507	1,882	0.39%	0.29%	1.33%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for labor
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.12.a URCIS (Round 1) Data- Chloroform Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
AK	677	545	138	27.77%	17.61%	69.57%	0.15%	0.00%	0.72%	105.20
AL	146	102	50	39.73%	21.57%	78.00%	0.00%	0.00%	0.00%	61.40
AR										
AZ	944	874	108	9.43%	5.38%	38.89%	0.00%	0.00%	0.00%	41.20
CA	3,647	3,572	119	11.68%	9.97%	84.87%	0.03%	0.00%	0.84%	36.00
CO	9	7	3	77.78%	71.43%	100.00%	0.00%	0.00%	0.00%	27.63
DC	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	110.00
DE	13	11	2	69.23%	63.64%	100.00%	0.00%	0.00%	0.00%	125.70
FL	730	117	671	79.86%	64.10%	81.67%	0.14%	0.00%	0.15%	240.00
GA	1,162	1,053	109	35.20%	28.77%	97.25%	0.00%	0.00%	0.00%	111.90
HI	127	112	16	25.98%	16.96%	93.75%	0.00%	0.00%	0.00%	72.40
IA	1,002	963	39	48.10%	46.11%	97.44%	0.20%	0.10%	2.56%	116.00
IL	1,300	1,185	115	56.23%	52.07%	99.13%	0.00%	0.00%	0.00%	144.00
IN	390	342	49	35.90%	26.90%	97.96%	0.00%	0.00%	0.00%	93.00
KY	524	291	233	77.86%	63.92%	95.28%	0.00%	0.00%	0.00%	189.00
LA	13	9	4	61.54%	44.44%	100.00%	0.00%	0.00%	0.00%	26.30
MA	170	94	90	94.71%	93.62%	96.67%	0.00%	0.00%	0.00%	120.00
MD	986	940	51	18.05%	14.36%	88.24%	0.00%	0.00%	0.00%	45.70
MI	39	37	2	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	60.00
MN	1,564	1,539	29	22.83%	21.70%	89.66%	0.00%	0.00%	0.00%	27.00
MO	85	71	14	34.12%	23.94%	85.71%	0.00%	0.00%	0.00%	68.00
MS	121	120	4	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	91.40
MT	565	523	57	21.24%	14.53%	85.96%	0.00%	0.00%	0.00%	50.00
NC	297	254	44	10.10%	6.30%	31.82%	0.00%	0.00%	0.00%	160.00
NE	68	64	4	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	45.20
NH	135	83	58	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	150.00
NJ	1,516	1,491	25	19.20%	17.84%	100.00%	0.00%	0.00%	0.00%	45.00
NM	590	555	35	4.92%	1.80%	54.29%	0.00%	0.00%	0.00%	25.80
NV	10	8	3	50.00%	37.50%	100.00%	0.00%	0.00%	0.00%	31.00
NY	246	175	81	46.34%	26.29%	85.19%	0.00%	0.00%	0.00%	93.30
OH	1,686	1,556	134	29.83%	24.29%	94.78%	0.00%	0.00%	0.00%	58.40
SD	335	306	29	31.64%	25.49%	96.55%	0.00%	0.00%	0.00%	64.40
TN	303	156	147	64.36%	31.41%	99.32%	0.00%	0.00%	0.00%	70.20
TX										
UT	424	403	35	14.15%	10.42%	62.86%	0.00%	0.00%	0.00%	53.20
VI	3	0	3	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	13.00
VT	125	82	43	85.60%	78.05%	100.00%	0.00%	0.00%	0.00%	128.00
WA	992	937	77	27.22%	22.73%	94.81%	0.00%	0.00%	0.00%	47.70
WV	132	58	75	70.45%	39.66%	93.33%	0.00%	0.00%	0.00%	99.00
WY	145	116	38	52.41%	43.10%	84.21%	0.00%	0.00%	0.00%	79.00
TOTAL	21,222	18,751	2,735	31.39%	23.81%	85.56%	0.02%	0.01%	0.15%	91.50
24 STATES	20,184	17,990	2,423	28.63%	21.55%	83.08%	0.02%	0.01%	0.17%	87.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Chloroform is 600 µg/L. This is a draft value for working review only.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.12.b URCIS (Round 1) Data- Chloroform Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	677	1,708	1,380	328	24.41%	13.77%	69.21%	< 0.00	105.20	624.80	0.01	6.20
AL	146	446	278	168	21.97%	13.31%	36.31%	< 0.50	61.40	95.80	0.53	12.55
AR												
AZ	944	3,152	2,402	750	8.50%	3.54%	24.40%	< 0.50	41.20	500.00	0.40	16.00
CA	3,647	14,668	13,986	682	22.10%	18.89%	87.83%	< 0.00	36.00	620.00	0.05	1.60
CO	9	33	30	3	45.45%	40.00%	100.00%	< 0.03	27.63	27.63	0.28	3.74
DC	1	61	0	61	96.72%	0.00%	96.72%	< 0.00	110.00	110.00	6.70	39.50
DE	13	386	228	158	61.92%	44.74%	86.71%	< 0.00	125.70	127.10	0.10	21.20
FL	730	1,035	170	865	76.33%	54.71%	80.58%	< 0.00	240.00	1,883.00	0.01	10.00
GA	1,162	2,464	1,865	599	38.23%	23.22%	84.97%	< 0.50	111.90	168.20	0.50	10.10
HI	127	1,221	1,081	140	9.99%	3.89%	57.14%	< 0.00	72.40	251.00	0.30	6.60
IA	1,002	2,287	1,861	426	46.74%	37.18%	88.50%	< 0.00	116.00	1,700.00	0.50	6.00
IL	1,300	5,994	5,036	958	42.23%	32.80%	91.75%	< 0.02	144.00	390.00	0.35	4.60
IN	390	2,527	1,569	958	45.67%	20.01%	87.68%	< 0.06	93.00	165.00	0.08	17.40
KY	524	2,312	1,172	1,140	64.40%	40.44%	89.04%	< 0.50	189.00	393.00	0.50	14.00
LA	13	22	18	4	45.45%	33.33%	100.00%	< 0.50	26.30	26.30	0.80	2.45
MA	170	915	574	341	96.50%	95.82%	97.65%	< 0.00	120.00	290.00	0.05	2.10
MD	986	1,909	1,441	468	22.11%	15.20%	43.38%	< 0.10	45.70	119.00	0.10	3.50
MI	39	51	49	2	100.00%	100.00%	100.00%	1.00	60.00	60.00	1.00	2.00
MN	1,564	2,751	2,672	79	20.83%	18.75%	91.14%	< 0.10	27.00	490.00	0.10	1.00
MO	85	328	296	32	16.16%	8.11%	90.63%	< 0.50	68.00	91.00	1.00	22.00
MS	121	250	224	26	100.00%	100.00%	100.00%	0.50	91.40	134.20	0.50	1.90
MT	565	1,624	1,376	248	20.01%	10.17%	74.60%	< 0.00	50.00	110.00	0.50	7.40
NC	297	644	569	75	6.37%	2.99%	32.00%	< 0.50	160.00	320.00	0.80	106.00
NE	68	142	126	16	100.00%	100.00%	100.00%	0.30	45.20	306.40	0.30	1.55
NH	135	456	133	323	100.00%	100.00%	100.00%	0.50	150.00	202.00	0.50	19.77
NJ	1,516	3,163	2,797	366	19.92%	15.48%	53.83%	< 0.00	45.00	111.50	0.04	2.00
NM	590	1,595	1,475	120	4.76%	1.15%	49.17%	< 0.00	25.80	72.40	0.50	6.85
NV	10	157	139	18	40.13%	39.57%	44.44%	< 0.20	31.00	53.00	0.20	2.60
NY	246	1,466	1,006	460	30.70%	11.53%	72.61%	< 0.03	93.30	460.00	0.20	7.95
OH	1,686	6,373	5,759	614	17.09%	11.56%	68.89%	< 0.00	58.40	344.00	0.46	4.00
SD	335	444	363	81	37.61%	24.79%	95.06%	< 0.15	64.40	103.00	0.15	2.76
TN	303	1,220	434	786	78.93%	51.15%	94.27%	< 0.00	70.20	107.20	0.05	12.70
TX												
UT	424	1,334	1,218	116	11.09%	5.75%	67.24%	< 0.00	53.20	188.00	0.10	8.00
VI	3	10	0	10	50.00%	0.00%	50.00%	< 1.00	13.00	13.00	1.20	6.80
VT	125	642	143	499	93.61%	76.92%	98.40%	< 0.00	128.00	164.00	0.02	30.00
WA	992	3,987	3,656	331	23.18%	17.83%	82.18%	< 0.50	47.70	321.90	0.50	2.90
WV	132	655	196	459	78.78%	45.41%	93.03%	< 0.00	99.00	160.00	0.53	24.00
WY	145	313	259	54	37.70%	27.80%	85.19%	< 0.20	79.00	114.00	0.20	10.10
TOTAL	21,222	68,745	55,981	12,764	31.11%	20.27%	78.67%	< 0.00	91.50	1,883.00	0.01	5.00
24 STATES	20,184	63,826	53,015	10,811	28.38%	18.56%	76.51%	< 0.00	87.00	1,883.00	0.01	4.80

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.12.c URCIS (Round 1) Data- Chloroform Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK	1,708	677	545	138	27.77%	17.61%	69.57%	0.44%	0.00%	2.17%	0.15%	0.00%	0.72%
AL	446	146	102	50	39.73%	21.57%	78.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	3,152	944	874	108	9.43%	5.38%	38.89%	0.11%	0.00%	0.93%	0.00%	0.00%	0.00%
CA	14,668	3,647	3,572	119	11.68%	9.97%	84.87%	0.05%	0.00%	1.68%	0.03%	0.00%	0.84%
CO	33	9	7	3	77.78%	71.43%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	61	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	386	13	11	2	69.23%	63.64%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	1,035	730	117	671	79.86%	64.10%	81.67%	0.96%	1.71%	0.75%	0.14%	0.00%	0.15%
GA	2,464	1,162	1,053	109	35.20%	28.77%	97.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	25.98%	16.96%	93.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	2,287	1,002	963	39	48.10%	46.11%	97.44%	0.30%	0.10%	5.13%	0.20%	0.10%	2.56%
IL	5,994	1,300	1,185	115	56.23%	52.07%	99.13%	0.31%	0.08%	2.61%	0.00%	0.00%	0.00%
IN	2,527	390	342	49	35.90%	26.90%	97.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,312	524	291	233	77.86%	63.92%	95.28%	0.38%	0.34%	0.43%	0.00%	0.00%	0.00%
LA	22	13	9	4	61.54%	44.44%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	915	170	94	90	94.71%	93.62%	96.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,909	986	940	51	18.05%	14.36%	88.24%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	51	39	37	2	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	2,751	1,564	1,539	29	22.83%	21.70%	89.66%	0.06%	0.06%	0.00%	0.00%	0.00%	0.00%
MO	328	85	71	14	34.12%	23.94%	85.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	250	121	120	4	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT	1,624	565	523	57	21.24%	14.53%	85.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	10.10%	6.30%	31.82%	0.34%	0.00%	2.27%	0.00%	0.00%	0.00%
NE	142	68	64	4	100.00%	100.00%	100.00%	1.47%	1.56%	0.00%	0.00%	0.00%	0.00%
NH	456	135	83	58	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	3,163	1,516	1,491	25	19.20%	17.84%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	4.92%	1.80%	54.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	157	10	8	3	50.00%	37.50%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	1,466	246	175	81	46.34%	26.29%	85.19%	0.41%	0.57%	0.00%	0.00%	0.00%	0.00%
OH	6,373	1,686	1,556	134	29.83%	24.29%	94.78%	0.06%	0.06%	0.00%	0.00%	0.00%	0.00%
SD	444	335	306	29	31.64%	25.49%	96.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,220	303	156	147	64.36%	31.41%	99.32%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX													
UT	1,334	424	403	35	14.15%	10.42%	62.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	642	125	82	43	85.60%	78.05%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	27.22%	22.73%	94.81%	0.10%	0.00%	1.30%	0.00%	0.00%	0.00%
WV	655	132	58	75	70.45%	39.66%	93.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	52.41%	43.10%	84.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	68,745	21,222	18,751	2,735	31.39%	23.81%	85.56%	0.13%	0.05%	0.69%	0.02%	0.01%	0.15%
24 STATES	63,826	20,184	17,990	2,423	28.63%	21.55%	83.08%	0.13%	0.04%	0.78%	0.02%	0.01%	0.17%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.
"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.
The Health Reference Level (HRL) used for Chloroform is 600 µg/L. This is a draft value for working review only.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.13.a URCIS (Round 1) Data- Chloromethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	662	534	134	0.91%	0.75%	1.49%	0.60%	0.37%	1.49%	< 0.00
AL	131	93	42	10.69%	6.45%	19.05%	3.82%	2.15%	7.14%	4.80
AR	1	0	1	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%	5.50
AZ	943	873	106	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
CA	3,509	3,473	52	0.46%	0.40%	3.85%	0.17%	0.17%	0.00%	< 2.00
CO	11	9	3	18.18%	22.22%	0.00%	0.00%	0.00%	0.00%	1.70
DC	1		1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
FL	227	46	204	3.52%	4.35%	2.94%	1.76%	2.17%	1.47%	5.00
GA	1,161	1,052	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA	805	766	39	0.12%	0.00%	2.56%	0.12%	0.00%	2.56%	< 1.00
IL	1,302	1,187	115	1.31%	0.84%	6.09%	0.38%	0.08%	3.48%	< 2.00
IN	367	329	39	1.63%	0.91%	7.69%	0.27%	0.30%	0.00%	< 4.00
KY	524	291	233	10.50%	17.53%	1.72%	6.49%	11.34%	0.43%	7.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	5	4	1	100.00%	100.00%	100.00%	40.00%	25.00%	100.00%	8.10
MD	986	940	51	0.41%	0.43%	0.00%	0.20%	0.21%	0.00%	< 1.00
MI										
MN	1,553	1,529	28	0.13%	0.13%	0.00%	0.06%	0.07%	0.00%	< 2.00
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS	32	32	1	100.00%	100.00%	100.00%	3.13%	3.13%	0.00%	5.10
MT	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NC	297	254	44	4.71%	4.33%	6.82%	0.67%	0.79%	0.00%	2.00
NE	34	33	1	100.00%	100.00%	100.00%	35.29%	33.33%	100.00%	44.60
NH										
NJ	1,517	1,492	25	0.73%	0.67%	4.00%	0.13%	0.13%	0.00%	< 4.12
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	355	252	122	0.85%	0.79%	0.82%	0.00%	0.00%	0.00%	< 1.00
OH	2,654	2,492	166	2.15%	2.29%	0.00%	0.72%	0.76%	0.00%	< 2.00
SD	335	306	29	3.58%	3.27%	6.90%	0.00%	0.00%	0.00%	0.15
TN	303	156	147	0.33%	0.00%	0.68%	0.33%	0.00%	0.68%	< 0.50
TX	7	6	1	100.00%	100.00%	100.00%	71.43%	66.67%	100.00%	12.00
UT	414	394	33	1.93%	1.52%	6.06%	0.24%	0.25%	0.00%	< 10.00
VI	3		3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	1	1		100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	1.00
WA	992	937	77	1.11%	1.17%	0.00%	0.20%	0.21%	0.00%	< 0.50
WV	137	63	75	1.46%	1.59%	1.33%	1.46%	1.59%	1.33%	< 4.00
WY	145	116	38	2.07%	2.59%	0.00%	0.00%	0.00%	0.00%	1.40
TOTAL	20,815	18,948	2,050	1.60%	1.50%	2.39%	0.54%	0.49%	0.98%	< 4.00
24 STATES	20,246	18,513	1,894	1.22%	1.11%	2.27%	0.45%	0.41%	0.84%	< 4.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Chloromethane is 3 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.13.b URCIS (Round 1) Data- Chloromethane Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	662	1,625	1,338	287	0.49%	0.45%	0.70%	< 0.00	< 0.00	550.00	0.18	4.10
AL	131	351	244	107	4.84%	3.69%	7.48%	< 0.50	4.80	40.70	0.50	1.00
AR	1	2	0	2	100.00%	0.00%	100.00%	1.70	5.50	5.50	1.70	3.60
AZ	943	2,931	2,271	660	0.00%	0.00%	0.00%	< 0.05	< 2.00	< 10.00		
CA	3,509	12,342	12,105	237	0.16%	0.14%	1.27%	< 0.00	< 2.00	11.00	0.50	2.06
CO	11	36	33	3	8.33%	9.09%	0.00%	< 0.02	1.70	1.70	0.60	0.60
DC	1	63	0	63	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.00%	0.00%	0.00%	< 0.50	< 2.00	< 2.00		
FL	227	341	76	265	2.64%	3.95%	2.26%	< 0.00	5.00	34.00	0.01	2.00
GA	1,161	2,461	1,863	598	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,220	1,080	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA	805	1,212	1,035	177	0.08%	0.00%	0.56%	< 0.20	< 1.00	36.00	36.00	36.00
IL	1,302	5,999	5,034	965	0.32%	0.24%	0.73%	< 0.10	< 2.00	100.00	0.27	1.60
IN	367	1,941	1,520	421	0.52%	0.26%	1.43%	< 0.10	< 4.00	17.00	1.00	1.20
KY	524	2,311	1,172	1,139	4.28%	8.11%	0.35%	< 0.50	7.00	269.00	1.00	4.00
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	5	5	4	1	100.00%	100.00%	100.00%	0.90	8.10	8.10	0.90	1.40
MD	986	1,908	1,440	468	0.21%	0.28%	0.00%	< 0.10	< 1.00	9.00	0.30	6.00
MI												
MN	1,553	2,654	2,586	68	0.08%	0.08%	0.00%	< 2.00	< 2.00	5.40	2.90	4.15
MO	85	322	296	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	32	42	41	1	100.00%	100.00%	100.00%	0.40	5.10	5.10	0.40	0.60
MT	565	1,621	1,376	245	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
NC	297	647	572	75	4.79%	4.90%	4.00%	< 0.10	2.00	44.00	0.10	1.40
NE	34	41	39	2	100.00%	100.00%	100.00%	0.20	44.60	44.60	0.20	1.80
NH												
NJ	1,517	3,165	2,799	366	0.41%	0.43%	0.27%	< 0.00	< 4.12	16.77	0.47	1.40
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	355	2,168	1,619	549	0.14%	0.12%	0.18%	< 0.02	< 1.00	2.80	1.00	1.90
OH	2,654	15,954	15,039	915	0.51%	0.54%	0.00%	< 0.20	< 2.00	30.00	0.20	1.00
SD	335	444	363	81	3.83%	4.13%	2.47%	< 0.15	0.15	0.15	0.15	0.15
TN	303	1,221	434	787	0.08%	0.00%	0.13%	< 0.03	< 0.50	4.40	4.40	4.40
TX	7	8	6	2	100.00%	100.00%	100.00%	1.60	12.00	12.00	1.60	3.65
UT	414	1,307	1,194	113	0.92%	0.84%	1.77%	< 0.10	< 10.00	7.00	0.50	0.50
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1	0	100.00%	100.00%	0.00%	1.00	1.00	1.00	1.00	1.00
WA	992	3,987	3,656	331	0.43%	0.46%	0.00%	< 0.50	< 0.50	11.00	0.50	0.70
WV	137	390	163	227	0.51%	0.61%	0.44%	< 0.20	< 4.00	120.00	17.00	68.50
WY	145	313	259	54	1.92%	2.32%	0.00%	< 0.20	1.40	2.50	1.10	1.65
TOTAL	20,815	71,141	61,476	9,665	0.67%	0.68%	0.58%	< 0.00	< 4.00	550.00	0.01	1.50
24 States	20,246	67,940	59,094	8,846	0.54%	0.54%	0.53%	< 0.00	< 4.00	550.00	0.01	1.90

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (f
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.13.c URCIS (Round 1) Data- Chloromethane Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,625	662	534	134	0.91%	0.75%	1.49%	0.76%	0.56%	1.49%	0.60%	0.37%	1.49%
AL	351	131	93	42	10.69%	6.45%	19.05%	6.11%	2.15%	14.29%	3.82%	2.15%	7.14%
AR	2	1	0	1	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
AZ	2,931	943	873	106	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	12,342	3,509	3,473	52	0.46%	0.40%	3.85%	0.23%	0.20%	1.92%	0.17%	0.17%	0.00%
CO	36	11	9	3	18.18%	22.22%	0.00%	9.09%	11.11%	0.00%	0.00%	0.00%	0.00%
DC	63	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	341	227	46	204	3.52%	4.35%	2.94%	2.20%	2.17%	1.96%	1.76%	2.17%	1.47%
GA	2,461	1,161	1,052	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,220	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,212	805	766	39	0.12%	0.00%	2.56%	0.12%	0.00%	2.56%	0.12%	0.00%	2.56%
IL	5,999	1,302	1,187	115	1.31%	0.84%	6.09%	0.77%	0.25%	6.09%	0.38%	0.08%	3.48%
IN	1,941	367	329	39	1.63%	0.91%	7.69%	0.54%	0.61%	0.00%	0.27%	0.30%	0.00%
KY	2,311	524	291	233	10.50%	17.53%	1.72%	9.54%	16.15%	1.29%	6.49%	11.34%	0.43%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	5	5	4	1	100.00%	100.00%	100.00%	40.00%	25.00%	100.00%	40.00%	25.00%	100.00%
MD	1,908	986	940	51	0.41%	0.43%	0.00%	0.30%	0.32%	0.00%	0.20%	0.21%	0.00%
MI													
MN	2,654	1,553	1,529	28	0.13%	0.13%	0.00%	0.13%	0.13%	0.00%	0.06%	0.07%	0.00%
MO	322	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	42	32	32	1	100.00%	100.00%	100.00%	3.13%	3.13%	0.00%	3.13%	3.13%	0.00%
MT	1,621	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	647	297	254	44	4.71%	4.33%	6.82%	2.36%	2.36%	2.27%	0.67%	0.79%	0.00%
NE	41	34	33	1	100.00%	100.00%	100.00%	58.82%	57.58%	100.00%	35.29%	33.33%	100.00%
NH													
NJ	3,165	1,517	1,492	25	0.73%	0.67%	4.00%	0.26%	0.27%	0.00%	0.13%	0.13%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,168	355	252	122	0.85%	0.79%	0.82%	0.56%	0.40%	0.82%	0.00%	0.00%	0.00%
OH	15,954	2,654	2,492	166	2.15%	2.29%	0.00%	1.02%	1.08%	0.00%	0.72%	0.76%	0.00%
SD	444	335	306	29	3.58%	3.27%	6.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,221	303	156	147	0.33%	0.00%	0.68%	0.33%	0.00%	0.68%	0.33%	0.00%	0.68%
TX	8	7	6	1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	71.43%	66.67%	100.00%
UT	1,307	414	394	33	1.93%	1.52%	6.06%	0.24%	0.25%	0.00%	0.24%	0.25%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	1.11%	1.17%	0.00%	0.40%	0.43%	0.00%	0.20%	0.21%	0.00%
WV	390	137	63	75	1.46%	1.59%	1.33%	1.46%	1.59%	1.33%	1.46%	1.59%	1.33%
WY	313	145	116	38	2.07%	2.59%	0.00%	1.38%	1.72%	0.00%	0.00%	0.00%	0.00%
TOTAL	71,141	20,815	18,948	2,050	1.60%	1.50%	2.39%	0.85%	0.76%	1.56%	0.54%	0.49%	0.98%
24 States	67,940	20,246	18,513	1,894	1.22%	1.11%	2.27%	0.70%	0.62%	1.43%	0.45%	0.41%	0.84%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.
The Maximum Contaminant Level (MCL) for Chloromethane is 3 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.14.a URCIS (Round 1) Data- cis-1,2-Dichloroethene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	660	531	134	0.45%	0.38%	0.75%	0.00%	0.00%	0.00%	< 0.00
AL	132	94	42	5.30%	4.26%	7.14%	0.00%	0.00%	0.00%	2.00
AR										
AZ	928	862	101	0.11%	0.12%	0.00%	0.00%	0.00%	0.00%	< 5.00
CA	296	265	45	14.19%	15.09%	4.44%	0.34%	0.38%	0.00%	5.80
CO	11	8	4	18.18%	12.50%	25.00%	0.00%	0.00%	0.00%	9.60
DC	1		1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	13	11	2	15.38%	9.09%	50.00%	0.00%	0.00%	0.00%	< 0.50
FL	208	45	183	9.13%	26.67%	4.37%	0.48%	2.22%	0.00%	25.00
GA	1,162	1,053	109	0.26%	0.28%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	1.57%	0.89%	6.25%	0.00%	0.00%	0.00%	< 0.30
IA	1,002	963	39	0.40%	0.31%	2.56%	0.00%	0.00%	0.00%	1.50
IL	1,299	1,185	114	2.16%	2.11%	2.63%	0.00%	0.00%	0.00%	2.90
IN	366	328	39	3.28%	3.05%	5.13%	0.00%	0.00%	0.00%	9.51
KY	524	291	233	0.57%	0.34%	0.86%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	7.69%	11.11%	0.00%	0.00%	0.00%	0.00%	34.90
MA	15	15	4	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	16.00
MD	842	795	50	0.36%	0.38%	0.00%	0.00%	0.00%	0.00%	< 0.50
MI	18	17	1	100.00%	100.00%	100.00%	11.11%	11.76%	0.00%	138.00
MN	1,565	1,540	29	0.77%	0.78%	0.00%	0.00%	0.00%	0.00%	< 0.20
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS	3	3		100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	15.80
MT	565	523	57	0.35%	0.38%	0.00%	0.00%	0.00%	0.00%	< 1.00
NC	297	254	44	2.69%	2.76%	2.27%	0.00%	0.00%	0.00%	1.20
NE	6	6		100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	4.00
NH	4	4		100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	12.00
NJ	1,512	1,487	25	2.51%	2.42%	8.00%	0.07%	0.07%	0.00%	1.90
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	355	252	122	2.25%	2.78%	0.81%	0.28%	0.40%	0.00%	2.00
OH	2,641	2,479	166	1.70%	1.82%	0.00%	0.08%	0.08%	0.00%	2.23
SD										
TN	303	156	147	0.66%	0.64%	0.68%	0.00%	0.00%	0.00%	< 0.50
TX										
UT	412	392	34	0.97%	0.77%	2.94%	0.00%	0.00%	0.00%	< 5.00
VI	3		3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	3	3		100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	9.00
WA	992	937	77	0.50%	0.53%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	137	63	75	0.73%	1.59%	0.00%	0.00%	0.00%	0.00%	11.00
WY	145	116	38	0.69%	0.86%	0.00%	0.00%	0.00%	0.00%	< 1.00
TOTAL	17,243	15,432	1,489	1.78%	1.79%	1.81%	0.05%	0.05%	0.00%	3.20
24 STATES	16,705	15,026	1,832	1.47%	1.45%	1.53%	0.03%	0.03%	0.00%	2.18

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for cis-1,2-Dichloroethene is 70 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.14.b URCIS (Round 1) Data- cis-1,2-Dichloroethene Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	660	1,600	1,314	286	0.19%	0.15%	0.35%	< 0.00	< 0.00	1.00	0.80	0.90
AL	132	353	246	107	3.97%	4.07%	3.74%	< 0.50	2.00	21.80	0.60	1.00
AR												
AZ	928	2,874	2,232	642	0.07%	0.09%	0.00%	< 0.10	< 5.00	5.00	1.00	3.00
CA	296	2,808	2,690	118	26.25%	27.21%	4.24%	< 0.00	5.80	179.00	0.10	1.60
CO	11	88	84	4	62.50%	64.29%	25.00%	< 0.00	9.60	9.60	1.00	2.00
DC	1	62	0	62	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.90%	1.06%	0.69%	< 0.00	< 0.50	14.10	0.20	0.30
FL	208	303	85	218	15.51%	45.88%	3.67%	< 0.00	25.00	78.40	0.01	1.56
GA	1,162	2,462	1,864	598	0.20%	0.27%	0.00%	< 0.50	< 0.50	8.20	0.80	3.80
HI	127	1,221	1,081	140	0.16%	0.09%	0.71%	< 0.00	< 0.30	1.30	0.80	1.05
IA	1,002	1,445	1,730	215	1.73%	1.39%	0.47%	< 0.10	1.50	11.00	0.50	1.90
IL	1,299	5,277	4,273	1,004	2.71%	3.16%	0.80%	< 0.04	2.90	28.00	0.04	2.00
IN	366	1,476	1,535	441	7.66%	5.67%	5.90%	< 0.01	9.51	59.90	0.01	2.26
KY	524	2,077	1,114	958	0.14%	0.09%	0.21%	< 0.50	< 1.00	11.00	1.00	7.70
LA	13	22	18	4	9.09%	11.11%	0.00%	< 0.50	34.90	34.90	2.30	18.60
MA	15	41	36	5	1.73%	1.39%	0.47%	0.11	16.00	16.00	0.11	1.00
MD	842	1,633	1,247	386	0.31%	0.40%	0.00%	< 0.20	< 0.50	8.80	0.80	1.00
MI	18	383	333	50	100.00%	100.00%	100.00%	1.00	138.00	229.00	1.00	3.00
MN	1,565	2,751	2,672	79	0.65%	0.67%	0.00%	< 0.20	< 0.20	34.00	0.20	0.40
MO	85	321	295	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	3	43	43	0	100.00%	100.00%	0.00%	0.50	15.80	15.80	0.50	1.40
MT	565	1,624	1,376	248	0.37%	0.44%	0.00%	< 0.50	< 1.00	15.80	8.00	10.85
NC	297	646	571	75	2.48%	2.45%	2.67%	< 0.03	1.20	7.22	0.03	0.87
NE	6	31	31	0	100.00%	100.00%	0.00%	0.20	4.00	4.00	0.20	0.80
NH	4	4	4	0	100.00%	100.00%	0.00%	0.61	12.00	12.00	0.61	1.30
NJ	1,512	3,165	2,799	366	3.35%	3.64%	1.09%	< 0.00	1.90	82.00	0.18	1.10
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	355	2,167	1,616	551	2.35%	3.09%	0.18%	< 0.10	2.00	181.00	0.50	2.00
OH	2,641	15,995	15,078	917	2.08%	2.21%	0.00%	< 0.00	2.23	213.00	0.30	2.10
SD												
TN	303	1,221	434	787	0.16%	0.23%	0.13%	< 0.01	< 0.50	7.50	0.60	4.05
TX												
UT	412	1,271	1,161	110	0.63%	0.60%	0.91%	< 0.00	< 5.00	1.00	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	3	96	96	0	93.75%	93.75%	0.00%	0.00	9.00	9.00	0.70	4.00
WA	992	3,987	3,656	331	0.83%	0.90%	0.00%	< 0.50	< 0.50	1.80	0.50	0.60
WV	137	390	164	226	1.28%	3.05%	0.00%	< 0.05	11.00	21.00	4.50	12.00
WY	145	313	259	54	0.32%	0.39%	0.00%	< 0.20	< 1.00	0.50	0.50	0.50
TOTAL	17,243	61,236	51,442	9,294	3.80%	4.29%	1.31%	< 0.00	3.20	229.00	0.01	1.90
24 States	16,705	56,487	49,056	8,426	2.88%	3.19%	0.76%	< 0.00	2.18	213.00	0.01	1.60

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.14.c URCIS (Round 1) Data- cis-1,2-Dichloroethene Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,600	660	531	134	0.45%	0.38%	0.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	353	132	94	42	5.30%	4.26%	7.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	2,874	928	862	101	0.11%	0.12%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	2,808	296	265	45	14.19%	15.09%	4.44%	1.35%	1.13%	2.22%	0.34%	0.38%	0.00%
CO	88	11	8	4	18.18%	12.50%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	62	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	15.38%	9.09%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	303	208	45	183	6.73%	26.67%	4.37%	0.96%	4.44%	0.00%	0.48%	2.22%	0.00%
GA	2,462	1,162	1,053	109	0.26%	0.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	1.57%	0.89%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,445	1,002	963	39	0.40%	0.31%	2.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	5,277	1,299	1,185	114	2.16%	2.11%	2.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,476	366	328	39	3.28%	3.05%	5.13%	0.82%	0.61%	2.56%	0.00%	0.00%	0.00%
KY	2,077	524	291	233	0.57%	0.34%	0.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	7.69%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	41	15	15	4	0.40%	0.31%	2.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,633	842	795	50	0.36%	0.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	383	18	17	1	100.00%	100.00%	100.00%	27.78%	29.41%	0.00%	11.11%	11.76%	0.00%
MN	2,751	1,565	1,540	29	0.77%	0.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	321	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	43	3	3	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT	1,624	565	523	57	0.35%	0.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	646	297	254	44	2.69%	2.76%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE	31	6	6	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	4	4	4	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	3,165	1,512	1,487	25	2.51%	2.42%	8.00%	0.07%	0.07%	0.00%	0.07%	0.07%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,167	355	252	122	2.25%	2.78%	0.82%	0.28%	0.40%	0.00%	0.28%	0.40%	0.00%
OH	15,995	2,641	2,479	166	1.70%	1.82%	0.00%	0.11%	0.12%	0.00%	0.08%	0.08%	0.00%
SD													
TN	1,221	303	156	147	0.66%	0.64%	0.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX													
UT	1,271	412	392	34	0.97%	0.77%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	96	3	3	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	0.50%	0.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	390	137	63	75	0.73%	1.59%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	0.69%	0.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	61,236	17,243	15,432	1,489	1.78%	1.79%	2.42%	0.08%	0.11%	0.13%	0.05%	0.05%	0.00%
24 States	56,487	16,705	15,026	1,832	1.44%	1.45%	1.53%	0.08%	0.07%	0.11%	0.03%	0.03%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for l
"% > MCL" indicates the systems of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy
The Maximum Contaminant Level (MCL) for cis-1,2-Dichloroethene is 70 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.15.a URCIS (Round 1) Data- cis-1,2-Dichloropropene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK										
AL										
AR										
AZ	440	400	46	0.45%	0.50%	0.00%				< 1.00
CA	3,482	3,465	17	0.26%	0.26%	0.00%				< 0.50
CO	5	3	3	20.00%	0.00%	33.33%				0.10
DC	1		1	0.00%	0.00%	0.00%				< 0.50
DE	9	7	2	11.11%	0.00%	50.00%				1.20
FL	210	36	191	4.76%	2.78%	4.71%				1.00
GA										
HI	127	112	16	0.00%	0.00%	0.00%				< 0.30
IA	984	945	39	0.00%	0.00%	0.00%				< 1.00
IL										
IN	236	216	21	0.00%	0.00%	0.00%				< 2.00
KY	524	291	233	0.00%	0.00%	0.00%				< 1.00
LA										
MA										
MD	124	82	44	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for cis-1,2-Dichloropropene.			< 1.00
MI										
MN	1,563	1,538	29	2.24%	2.08%	10.34%				0.30
MO										
MS	1	1		100.00%	100.00%	0.00%				0.60
MT										
NC	297	254	44	0.00%	0.00%	0.00%				< 0.50
NE										
NH										
NJ										
NM										
NV										
NY	341	247	110	0.00%	0.00%	0.00%				< 1.00
OH										
SD										
TN										
TX										
UT										
VI										
VT										
WA	992	937	77	0.00%	0.00%	0.00%				< 0.50
WV	87	46	41	0.00%	0.00%	0.00%				< 4.00
WY	145	116	38	0.00%	0.00%	0.00%				< 0.60
TOTAL	9,568	8,696	952	0.62%	0.52%	1.47%				< 1.00
24 STATES	9,211	8,438	836	0.61%	0.52%	1.44%				< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type);
MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.15.b URCIS (Round 1) Data- cis-1,2-Dichloropropene Occurrence in Public Water Systems - Based on Number of Sample

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK												
AL												
AR												
AZ	440	1,118	945	173	0.18%	0.21%	0.00%	< 0.05	< 1.00	2.00	0.60	1.30
CA	3,482	10,615	10,580	35	0.16%	0.16%	0.00%	< 0.00	< 0.50	31.00	0.50	0.50
CO	5	18	15	3	5.56%	0.00%	33.33%	< 0.10	0.10	0.10	0.10	0.10
DC	1	62	0	62	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	9	50	41	9	2.00%	0.00%	11.11%	< 0.70	1.20	1.20	1.20	1.20
FL	210	283	55	228	3.89%	3.64%	3.95%	< 0.00	1.00	9.00	0.01	1.00
GA												
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA	984	1,817	1,633	184	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
IL												
IN	236	1,107	897	210	0.00%	0.00%	0.00%	< 0.08	< 2.00	< 5.00		
KY	524	2,076	1,119	957	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA												
MA												
MD	124	327	166	161	0.00%	0.00%	0.00%	< 0.10	< 1.00	< 1.00		
MI												
MN	1,563	2,751	2,673	78	1.53%	1.46%	3.85%	< 0.20	0.30	1.80	0.20	0.40
MO												
MS	1	1	1	0	100.00%	100.00%	0.00%	0.60	0.60	0.60	0.60	0.60
MT												
NC	297	644	569	75	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
NE												
NH												
NJ												
NM												
NV												
NY	341	1,781	1,399	382	0.00%	0.00%	0.00%	< 0.10	< 1.00	< 5.00		
OH												
SD												
TN												
TX												
UT												
VI												
VT												
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	87	185	103	82	0.00%	0.00%	0.00%	< 0.10	< 4.00	< 4.00		
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.20	< 0.60	< 1.00		
TOTAL	9,568	28,356	25,192	3,164	0.26%	0.24%	0.44%	< 0.00	< 1.00	31.00	0.01	0.50
24 States	9,211	26,444	23,736	2,708	0.27%	0.25%	0.44%	< 0.00	< 1.00	31.00	0.01	0.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.15.c URCIS (Round 1) Data- cis-1,2-Dichloropropene Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK													
AL													
AR													
AZ	1,118	440	400	46	0.45%	0.50%	0.00%						
CA	10,615	3,482	3,465	17	0.26%	0.26%	0.00%						
CO	18	5	3	3	20.00%	0.00%	33.33%						
DC	62	1	0	1	0.00%	0.00%	0.00%						
DE	50	9	7	2	11.11%	0.00%	50.00%						
FL	283	210	36	191	4.76%	2.78%	4.71%						
GA													
HI	1,221	127	112	16	0.00%	0.00%	0.00%						
IA	1,817	984	945	39	0.00%	0.00%	0.00%						
IL													
IN	1,107	236	216	21	0.00%	0.00%	0.00%						
KY	2,076	524	291	233	0.00%	0.00%	0.00%						
LA													
MA													
MD	327	124	82	44	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for cis-1,2-Dichloropropene.					
MI													
MN	2,751	1,563	1,538	29	2.24%	2.08%	10.34%						
MO													
MS	1	1	1	0	100.00%	100.00%	0.00%						
MT													
NC	644	297	254	44	0.00%	0.00%	0.00%						
NE													
NH													
NJ													
NM													
NV													
NY	1,781	341	247	110	0.00%	0.00%	0.00%						
OH													
SD													
TN													
TX													
UT													
VI													
VT													
WA	3,987	992	937	77	0.00%	0.00%	0.00%						
WV	185	87	46	41	0.00%	0.00%	0.00%						
WY	313	145	116	38	0.00%	0.00%	0.00%						
TOTAL	28,356	9,568	8,696	952	0.62%	0.52%	1.47%						
24 States	26,444	9,211	8,438	836	0.61%	0.52%	1.44%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.16.a URCIS (Round 1) Data- Dibromochloromethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
AK	687	549	144	9.32%	3.28%	32.64%	0.29%	0.00%	1.39%	24.00
AL	141	98	49	31.91%	13.27%	67.35%	0.00%	0.00%	0.00%	9.00
AR										
AZ	940	870	108	6.70%	3.10%	34.26%	0.00%	0.00%	0.00%	19.00
CA	3,573	3,528	84	5.74%	4.73%	64.29%	0.08%	0.09%	0.00%	14.00
CO	9	7	3	44.44%	57.14%	33.33%	0.00%	0.00%	0.00%	9.80
DC	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	5.60
DE	13	11	2	61.54%	54.55%	100.00%	0.00%	0.00%	0.00%	14.00
FL	528	84	480	58.33%	48.81%	58.75%	0.38%	0.00%	0.42%	41.00
GA	1,163	1,054	109	28.80%	22.49%	89.91%	0.00%	0.00%	0.00%	5.20
HI	127	112	16	17.32%	13.39%	43.75%	0.00%	0.00%	0.00%	3.40
IA	1,002	963	39	29.34%	27.00%	87.18%	0.00%	0.00%	0.00%	11.00
IL	1,303	1,188	115	34.23%	28.37%	94.78%	0.00%	0.00%	0.00%	11.00
IN	383	339	45	26.11%	17.11%	93.33%	0.00%	0.00%	0.00%	16.10
KY	524	291	233	63.55%	48.80%	81.97%	0.57%	0.00%	1.29%	34.00
LA	13	9	4	23.08%	0.00%	75.00%	0.00%	0.00%	0.00%	5.04
MA	50	17	38	94.00%	94.12%	94.74%	0.00%	0.00%	0.00%	8.00
MD	986	940	51	9.94%	7.02%	64.71%	0.00%	0.00%	0.00%	3.00
MI	3	1	2	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	2.00
MN	1,558	1,533	29	9.24%	8.28%	65.52%	0.00%	0.00%	0.00%	3.60
MO	85	71	14	22.35%	12.68%	71.43%	0.00%	0.00%	0.00%	6.00
MS	61	61	3	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	15.50
MT	565	523	57	11.86%	6.69%	57.89%	0.00%	0.00%	0.00%	5.70
NC	297	254	44	6.40%	4.72%	15.91%	0.34%	0.39%	0.00%	23.90
NE	34	30	4	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	24.00
NH	34	17	18	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	7.00
NJ	1,517	1,492	25	6.39%	5.03%	88.00%	0.00%	0.00%	0.00%	3.94
NM	590	555	35	2.88%	1.62%	22.86%	0.00%	0.00%	0.00%	2.50
NV	10	8	3	40.00%	25.00%	66.67%	0.00%	0.00%	0.00%	9.00
NY	235	166	79	22.98%	14.46%	37.97%	0.00%	0.00%	0.00%	9.80
OH	1,687	1,557	134	23.71%	18.18%	88.81%	0.00%	0.00%	0.00%	7.90
SD	335	306	29	28.66%	22.55%	93.10%	0.00%	0.00%	0.00%	13.70
TN	303	156	147	47.52%	17.95%	78.91%	0.00%	0.00%	0.00%	15.70
TX										
UT	417	398	33	10.07%	6.28%	54.55%	0.00%	0.00%	0.00%	4.50
VI	3	0	3	66.67%	0.00%	66.67%	0.00%	0.00%	0.00%	19.00
VT	29	22	7	68.97%	59.09%	100.00%	0.00%	0.00%	0.00%	7.00
WA	992	937	77	17.14%	15.90%	31.17%	0.00%	0.00%	0.00%	6.50
WV	132	58	75	35.61%	24.14%	44.00%	0.00%	0.00%	0.00%	23.00
WY	145	116	38	33.79%	27.59%	55.26%	0.00%	0.00%	0.00%	11.00
TOTAL	20,475	18,321	2,377	19.04%	13.22%	64.58%	0.05%	0.02%	0.29%	12.20
24 STATES	19,895	17,901	2,196	17.87%	12.33%	63.43%	0.06%	0.02%	0.32%	12.70

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Dibromochloromethane is 60 µg/L. This is a draft value for working review only.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.16.b URCIS (Round 1) Data- Dibromochloromethane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	687	1,696	1,364	332	7.31%	2.13%	28.61%	< 0.00	24.00	234.00	0.24	3.00
AL	141	410	258	152	22.44%	6.20%	50.00%	< 0.28	9.00	52.20	0.28	1.50
AR												
AZ	940	3,150	2,399	751	8.92%	4.63%	22.64%	< 0.05	19.00	44.00	0.05	8.00
CA	3,573	12,844	12,284	560	6.47%	4.31%	53.93%	< 0.00	14.00	89.00	0.01	2.40
CO	9	33	30	3	30.30%	30.00%	33.33%	< 0.05	9.80	9.80	0.35	1.23
DC	1	65	0	65	87.69%	0.00%	87.69%	< 0.00	5.60	5.60	1.00	2.20
DE	13	385	227	158	56.10%	34.80%	86.71%	< 0.10	14.00	20.00	0.10	1.60
FL	528	705	113	592	54.33%	43.36%	56.42%	< 0.00	41.00	117.00	0.01	2.60
GA	1,163	2,465	1,866	599	28.92%	18.27%	62.10%	< 0.50	5.20	21.60	0.50	1.20
HI	127	1,221	1,081	140	4.34%	2.31%	20.00%	< 0.00	3.40	14.20	1.00	2.20
IA	1,002	2,288	1,863	425	28.37%	21.04%	60.47%	< 0.00	11.00	48.00	0.40	3.00
IL	1,303	6,010	5,045	965	27.80%	19.68%	70.26%	< 0.05	11.00	53.00	0.20	2.10
IN	383	2,502	1,562	940	37.61%	14.66%	75.74%	< 0.08	16.10	34.00	0.08	2.00
KY	524	2,312	1,172	1,140	45.11%	30.55%	60.09%	< 0.50	34.00	95.00	0.50	3.00
LA	13	22	18	4	13.64%	0.00%	75.00%	< 0.50	5.04	5.04	0.60	2.40
MA	50	153	62	91	91.50%	87.10%	94.51%	< 0.00	8.00	43.00	0.10	1.65
MD	986	1,909	1,441	468	11.47%	6.80%	25.85%	< 0.10	3.00	49.00	0.10	0.60
MI	3	4	1	3	100.00%	100.00%	100.00%	1.00	2.00	2.00	1.00	1.00
MN	1,558	2,734	2,660	74	7.39%	6.32%	45.95%	< 0.20	3.60	17.00	0.20	1.10
MO	85	326	294	32	10.43%	4.08%	68.75%	< 0.50	6.00	10.00	0.70	2.75
MS	61	111	98	13	100.00%	100.00%	100.00%	0.50	15.50	16.40	0.50	1.30
MT	565	1,624	1,376	248	9.61%	4.07%	40.32%	< 0.00	5.70	13.10	0.50	1.55
NC	297	644	569	75	3.42%	2.28%	12.00%	< 0.50	23.90	79.00	0.60	5.90
NE	34	73	57	16	100.00%	100.00%	100.00%	0.30	24.00	24.00	0.30	2.90
NH	34	76	32	44	100.00%	100.00%	100.00%	0.32	7.00	7.00	0.32	1.02
NJ	1,517	3,153	2,795	358	7.48%	4.11%	33.80%	< 0.00	3.94	25.70	0.16	1.50
NM	590	1,595	1,475	120	3.51%	2.64%	14.17%	< 0.00	2.50	7.00	0.40	1.65
NV	10	157	139	18	19.75%	17.99%	33.33%	< 0.20	9.00	10.00	0.20	0.80
NY	235	1,408	965	443	13.07%	5.18%	30.25%	< 0.05	9.80	41.00	0.40	1.90
OH	1,687	6,369	5,754	615	13.60%	8.78%	58.70%	< 0.00	7.90	44.80	0.20	2.27
SD	335	444	363	81	34.68%	21.76%	92.59%	< 0.15	13.70	55.40	0.15	2.12
TN	303	1,221	434	787	38.17%	37.33%	38.63%	< 0.03	15.70	49.00	0.13	1.10
TX												
UT	417	1,316	1,204	112	6.08%	2.91%	40.18%	< 0.10	4.50	12.00	0.20	1.90
VI	3	10	0	10	50.00%	0.00%	50.00%	< 1.00	19.00	19.00	4.20	9.70
VT	29	79	24	55	64.56%	58.33%	67.27%	< 0.00	7.00	7.00	0.50	1.00
WA	992	3,987	3,656	331	13.67%	13.46%	16.01%	< 0.50	6.50	21.90	0.50	1.40
WV	132	655	196	459	33.28%	24.49%	37.04%	< 0.50	23.00	31.00	0.50	3.00
WY	145	313	259	54	26.84%	19.69%	61.11%	< 0.20	11.00	15.00	0.20	2.15
TOTAL	20,475	64,469	53,136	11,333	17.19%	10.09%	50.44%	< 0.00	12.20	234.00	0.01	2.00
24 STATES	19,895	61,567	51,189	10,378	16.38%	9.64%	49.64%	< 0.00	12.70	234.00	0.01	2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.16.c URCIS (Round 1) Data- Dibromochloromethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK	1,696	687	549	144	9.32%	3.28%	32.64%	1.46%	0.00%	6.94%	0.29%	0.00%	1.39%
AL	410	141	98	49	31.91%	13.27%	67.35%	0.71%	0.00%	2.04%	0.00%	0.00%	0.00%
AR													
AZ	3,150	940	870	108	6.70%	3.10%	34.26%	0.43%	0.11%	2.78%	0.00%	0.00%	0.00%
CA	12,844	3,573	3,528	84	5.74%	4.73%	64.29%	0.59%	0.28%	14.29%	0.08%	0.09%	0.00%
CO	33	9	7	3	44.44%	57.14%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	65	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	385	13	11	2	61.54%	54.55%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	705	528	84	480	58.33%	48.81%	58.75%	1.89%	2.38%	1.88%	0.38%	0.00%	0.42%
GA	2,465	1,163	1,054	109	28.80%	22.49%	89.91%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	17.32%	13.39%	43.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	2,288	1,002	963	39	29.34%	27.00%	87.18%	0.30%	0.31%	0.00%	0.00%	0.00%	0.00%
IL	6,010	1,303	1,188	115	34.23%	28.37%	94.78%	0.31%	0.17%	1.74%	0.00%	0.00%	0.00%
IN	2,502	383	339	45	26.11%	17.11%	93.33%	0.26%	0.00%	2.22%	0.00%	0.00%	0.00%
KY	2,312	524	291	233	63.55%	48.80%	81.97%	3.24%	0.34%	6.87%	0.57%	0.00%	1.29%
LA	22	13	9	4	23.08%	0.00%	75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	153	50	17	38	94.00%	94.12%	94.74%	2.00%	0.00%	2.63%	0.00%	0.00%	0.00%
MD	1,909	986	940	51	9.94%	7.02%	64.71%	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%
MI	4	3	1	2	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	2,734	1,558	1,533	29	9.24%	8.28%	65.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	326	85	71	14	22.35%	12.68%	71.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	111	61	61	3	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT	1,624	565	523	57	11.86%	6.69%	57.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	6.40%	4.72%	15.91%	1.35%	1.57%	0.00%	0.34%	0.39%	0.00%
NE	73	34	30	4	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	76	34	17	18	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	3,153	1,517	1,492	25	6.39%	5.03%	88.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	2.88%	1.62%	22.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	157	10	8	3	40.00%	25.00%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	1,408	235	166	79	22.98%	14.46%	37.97%	0.43%	0.00%	1.27%	0.00%	0.00%	0.00%
OH	6,369	1,687	1,557	134	23.71%	18.18%	88.81%	0.30%	0.13%	2.24%	0.00%	0.00%	0.00%
SD	444	335	306	29	28.66%	22.55%	93.10%	0.30%	0.00%	3.45%	0.00%	0.00%	0.00%
TN	1,221	303	156	147	47.52%	17.95%	78.91%	0.66%	0.00%	1.36%	0.00%	0.00%	0.00%
TX													
UT	1,316	417	398	33	10.07%	6.28%	54.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	66.67%	0.00%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	79	29	22	7	68.97%	59.09%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	17.14%	15.90%	31.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	655	132	58	75	35.61%	24.14%	44.00%	0.76%	0.00%	1.33%	0.00%	0.00%	0.00%
WY	313	145	116	38	33.79%	27.59%	55.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	64,469	20,475	18,321	2,377	19.04%	13.22%	64.58%	0.42%	0.14%	2.65%	0.05%	0.02%	0.29%
24 STATES	61,567	19,895	17,901	2,196	17.87%	12.33%	63.43%	0.43%	0.15%	2.78%	0.06%	0.02%	0.32%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.
"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.
The Health Reference Level (HRL) used for Dibromochloromethane is 60 µg/L. This is a draft value for working review only.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.17.a URCIS (Round 1) Data- Dibromomethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	660	531	134	0.45%	0.00%	2.24%				< 0.00
AL	131	93	42	4.58%	2.15%	9.52%				1.90
AR										
AZ	940	871	105	0.00%	0.00%	0.00%				< 2.00
CA	151	135	22	1.99%	1.48%	4.55%				< 0.50
CO	9	7	3	11.11%	0.00%	33.33%				2.90
DC	1	0	1	0.00%	0.00%	0.00%				< 0.50
DE	13	11	2	7.69%	0.00%	50.00%				< 2.00
FL	117	34	95	3.42%	2.94%	3.16%				11.90
GA	1,162	1,053	109	0.00%	0.00%	0.00%				< 0.50
HI	127	112	16	0.79%	0.00%	6.25%				< 0.50
IA	1,002	963	39	0.00%	0.00%	0.00%				< 2.00
IL	1,302	1,187	115	1.00%	0.42%	6.96%				< 1.00
IN	364	326	39	0.27%	0.31%	0.00%				< 2.00
KY	524	291	233	0.95%	1.37%	0.43%				< 1.00
LA	13	9	4	0.00%	0.00%	0.00%				< 0.50
MA	3	2	1	100.00%	100.00%	100.00%				5.45
MD	984	937	50	0.20%	0.00%	4.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Dibromomethane.			< 1.00
MI										
MN	1,565	1,540	29	0.06%	0.06%	0.00%				< 1.00
MO	85	71	14	0.00%	0.00%	0.00%				< 2.00
MS	3	3	0	100.00%	100.00%	0.00%				0.70
MT	565	523	57	0.18%	0.00%	1.75%				< 1.00
NC	297	254	44	3.03%	1.97%	9.09%				2.20
NE	1	1	0	100.00%	100.00%	0.00%				0.40
NH	1	1	0	100.00%	100.00%	0.00%				0.63
NJ	1,504	1,479	25	0.33%	0.34%	0.00%				< 2.00
NM	590	555	35	0.17%	0.18%	0.00%				< 1.00
NV	8	7	2	12.50%	14.29%	0.00%				< 0.20
NY	354	251	122	0.56%	0.00%	1.64%				< 1.00
OH	2,654	2,492	166	0.15%	0.12%	0.60%				< 2.00
SD	335	306	29	0.00%	0.00%	0.00%				< 0.50
TN	303	156	147	0.00%	0.00%	0.00%				< 2.20
TX										
UT										
VI	3	0	3	0.00%	0.00%	0.00%				< 1.00
VT	1	1	0	100.00%	100.00%	0.00%				0.60
WA	992	937	77	0.00%	0.00%	0.00%				< 0.50
WV	135	62	74	0.00%	0.00%	0.00%				< 4.00
WY	145	116	38	0.69%	0.86%	0.00%				< 1.40
TOTAL	17,044	15,317	1,872	0.43%	0.26%	1.82%				< 2.00
24 STATES	16,549	14,953	1,720	0.36%	0.21%	1.69%				< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.17.b URCIS (Round 1) Data- Dibromomethane Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	660	1,600	1,314	286	0.19%	0.00%	1.05%	< 0.00	< 0.00	2.80	0.50	1.40
AL	131	351	244	107	1.71%	0.82%	3.74%	< 0.50	1.90	5.90	0.70	2.30
AR												
AZ	940	2,877	2,236	641	0.00%	0.00%	0.00%	< 0.10	< 2.00	< 10.00		
CA	151	1,059	1,003	56	0.28%	0.20%	1.79%	< 0.00	< 0.50	3.50	1.00	1.40
CO	9	34	30	4	5.88%	0.00%	50.00%	< 0.06	2.90	2.90	2.90	2.90
DC	1	62	0	62	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.30%	0.00%	0.69%	< 0.00	< 2.00	65.90	65.90	65.90
FL	117	159	52	107	3.14%	3.85%	2.80%	< 0.00	11.90	21.10	0.54	2.00
GA	1,162	2,462	1,863	599	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,221	1,081	140	0.16%	0.00%	1.43%	< 0.00	< 0.50	2.30	2.30	2.30
IA	1,002	1,909	1,697	212	0.00%	0.00%	0.00%	< 0.40	< 2.00	< 2.00		
IL	1,302	6,002	5,035	967	0.25%	0.14%	0.83%	< 0.10	< 1.00	13.00	0.10	1.00
IN	364	1,937	1,512	425	0.10%	0.13%	0.00%	< 0.02	< 2.00	0.10	0.10	0.10
KY	524	2,076	1,119	957	0.39%	0.63%	0.10%	< 0.50	< 1.00	11.00	1.00	3.50
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	3	7	6	1	100.00%	100.00%	100.00%	0.50	5.45	5.45	0.50	2.82
MD	984	1,756	1,382	374	0.80%	0.00%	3.74%	< 0.10	< 1.00	1.30	0.10	0.45
MI												
MN	1,565	2,757	2,678	79	0.04%	0.04%	0.00%	< 0.10	< 1.00	0.80	0.80	0.80
MO	85	321	295	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	3	3	3	0	100.00%	100.00%		0.50	0.70	0.70	0.50	0.60
MT	565	1,624	1,376	248	0.06%	0.00%	0.40%	< 0.50	< 1.00	3.23	3.23	3.23
NC	297	644	569	75	1.55%	0.88%	6.67%	< 0.50	2.20	19.00	0.50	2.20
NE	1	1	1	0	100.00%	100.00%	0.00%	0.40	0.40	0.40	0.40	0.40
NH	1	1	1	0	100.00%	100.00%	0.00%	0.63	0.63	0.63	0.63	0.63
NJ	1,504	3,150	2,784	366	0.22%	0.25%	0.00%	< 0.00	< 2.00	11.60	0.12	2.40
NM	590	1,595	1,475	120	0.06%	0.07%	0.00%	< 0.00	< 1.00	0.40	0.40	0.40
NV	8	148	136	12	0.68%	0.74%	0.00%	< 0.20	< 0.20	0.50	0.50	0.50
NY	354	2,164	1,615	549	0.09%	0.00%	0.36%	< 0.10	< 1.00	2.00	0.50	1.25
OH	2,654	15,953	15,036	917	0.03%	0.02%	0.11%	< 0.00	< 2.00	7.00	0.80	2.75
SD	335	444	363	81	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	303	1,220	433	787	0.00%	0.00%	0.00%	< 0.10	< 2.20	< 2.20		
TX												
UT												
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1	0	100.00%	100.00%	0.00%	0.60	0.60	0.60	0.60	0.60
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	135	388	162	226	0.00%	0.00%	0.00%	< 0.20	< 4.00	< 5.00		
WY	145	313	259	54	0.32%	0.39%	0.00%	< 0.10	< 1.40	1.00	1.00	1.00
TOTAL	17,044	58,591	49,624	8,967	0.17%	0.11%	0.55%	< 0.00	< 2.00	65.90	0.10	1.45
24 States	16,549	55,484	47,329	8,155	0.15%	0.08%	0.53%	< 0.00	< 2.00	21.10	0.10	1.40

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.17.c URCIS (Round 1) Data- Dibromomethane Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,600	660	531	134	0.45%	0.00%	2.24%						
AL	351	131	93	42	4.58%	2.15%	9.52%						
AR													
AZ	2,877	940	871	105	0.00%	0.00%	0.00%						
CA	1,059	151	135	22	1.99%	1.48%	4.55%						
CO	34	9	7	3	11.11%	0.00%	33.33%						
DC	62	1	0	1	0.00%	0.00%	0.00%						
DE	333	13	11	2	7.69%	0.00%	50.00%						
FL	159	117	34	95	3.42%	2.94%	3.16%						
GA	2,462	1,162	1,053	109	0.00%	0.00%	0.00%						
HI	1,221	127	112	16	0.79%	0.00%	6.25%						
IA	1,909	1,002	963	39	0.00%	0.00%	0.00%						
IL	6,002	1,302	1,187	115	1.00%	0.42%	6.96%						
IN	1,937	364	326	39	0.27%	0.31%	0.00%						
KY	2,076	524	291	233	0.95%	1.37%	0.43%						
LA	22	13	9	4	0.00%	0.00%	0.00%						
MA	7	3	2	1	100.00%	100.00%	100.00%						
MD	1,756	984	937	50	0.20%	0.00%	4.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Dibromomethane.					
MI													
MN	2,757	1,565	1,540	29	0.06%	0.06%	0.00%						
MO	321	85	71	14	0.00%	0.00%	0.00%						
MS	3	3	3	0	100.00%	100.00%	0.00%						
MT	1,624	565	523	57	0.18%	0.00%	1.75%						
NC	644	297	254	44	3.03%	1.97%	9.09%						
NE	1	1	1	0	100.00%	100.00%	0.00%						
NH	1	1	1	0	100.00%	100.00%	0.00%						
NJ	3,150	1,504	1,479	25	0.33%	0.34%	0.00%						
NM	1,595	590	555	35	0.17%	0.18%	0.00%						
NV	148	8	7	2	12.50%	14.29%	0.00%						
NY	2,164	354	251	122	0.56%	0.00%	1.64%						
OH	15,953	2,654	2,492	166	0.15%	0.12%	0.60%						
SD	444	335	306	29	0.00%	0.00%	0.00%						
TN	1,220	303	156	147	0.00%	0.00%	0.00%						
TX													
UT													
VI	10	3	0	3	0.00%	0.00%	0.00%						
VT	1	1	1	0	100.00%	100.00%	0.00%						
WA	3,987	992	937	77	0.00%	0.00%	0.00%						
WV	388	135	62	74	0.00%	0.00%	0.00%						
WY	313	145	116	38	0.69%	0.86%	0.00%						
TOTAL	58,591	17,044	15,317	1,872	0.43%	0.26%	1.82%						
24 States	55,484	16,549	14,953	1,720	0.36%	0.21%	1.69%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for labor
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.18.a URCIS (Round 1) Data- Dichlorodifluoromethane Occurrence in Public Water Sys

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	650	526	129	2.31%	2.66%	0.78%	0.00%	0.00%	0.00%	7.70
AL	131	93	42	5.34%	6.45%	4.76%	0.00%	0.00%	0.00%	9.00
AR										
AZ	943	873	106	0.21%	0.11%	0.94%	0.00%	0.00%	0.00%	< 5.00
CA	3,485	3,458	36	0.80%	0.78%	5.56%	0.00%	0.00%	0.00%	4.30
CO	7	4	4	57.14%	50.00%	50.00%	0.00%	0.00%	0.00%	5.10
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	10	8	2	10.00%	12.50%	0.00%	0.00%	0.00%	0.00%	72.90
FL	193	38	170	5.70%	5.26%	5.29%	0.00%	0.00%	0.00%	6.00
GA	462	384	78	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI										
IA										
IL	213	149	64	0.47%	0.67%	0.00%	0.00%	0.00%	0.00%	< 8.00
IN	356	320	37	0.28%	0.31%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	0.19%	0.34%	0.00%	0.00%	0.00%	0.00%	< 5.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	6	6	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	44.00
MD	986	940	51	0.10%	0.00%	1.96%	0.00%	0.00%	0.00%	< 0.50
MI										
MN	1,549	1,525	28	1.03%	1.05%	0.00%	0.00%	0.00%	0.00%	< 2.00
MO	85	71	14	2.35%	2.82%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS	2	2	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.90
MT										
NC	297	254	44	0.34%	0.39%	0.00%	0.00%	0.00%	0.00%	< 0.50
NE	6	6	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	26.10
NH	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	9.50
NJ	804	793	11	0.87%	0.88%	0.00%	0.00%	0.00%	0.00%	< 1.00
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	355	252	122	1.41%	1.19%	1.64%	0.00%	0.00%	0.00%	< 1.00
OH	2,647	2,485	166	3.89%	4.02%	1.81%	0.00%	0.00%	0.00%	0.50
SD	335	306	29	2.99%	2.61%	6.90%	0.00%	0.00%	0.00%	0.15
TN	303	156	147	0.33%	0.64%	0.00%	0.00%	0.00%	0.00%	< 0.50
TX	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	5.10
UT	410	390	34	1.46%	1.28%	2.94%	0.00%	0.00%	0.00%	< 20.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT										
WA	992	937	77	0.91%	0.96%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	61	28	33	1.64%	3.57%	0.00%	0.00%	0.00%	0.00%	< 8.00
WY	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.50
TOTAL	16,574	14,982	1,743	1.50%	1.49%	1.66%	0.00%	0.00%	0.00%	0.60
24 STATES	16,076	14,617	1,588	1.37%	1.38%	1.39%	0.00%	0.00%	0.00%	0.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Dichlorodifluoromethane is 1,000 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.18.b URCIS (Round 1) Data- Dichlorodifluoromethane Occurrence in Public Water Systems - Based on Number of Sample

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	650	1,528	1,267	261	2.36%	2.76%	0.38%	< 0.00	7.70	98.00	1.80	6.58
AL	131	351	244	107	4.56%	5.74%	1.87%	< 0.50	9.00	32.00	0.60	5.00
AR												
AZ	943	2,897	2,250	647	0.10%	0.04%	0.31%	< 0.05	< 5.00	3.00	1.00	3.00
CA	3,485	10,828	10,742	86	2.49%	2.49%	2.33%	< 0.00	4.30	404.90	0.50	3.10
CO	7	12	7	5	50.00%	42.86%	60.00%	< 0.10	5.10	5.10	0.46	0.60
DC	1	47	0	47	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	10	53	44	9	1.89%	2.27%	0.00%	< 0.50	72.90	72.90	72.90	72.90
FL	193	254	54	200	4.72%	5.56%	4.50%	< 0.00	6.00	10.00	0.10	1.50
GA	462	1,354	953	401	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
HI												
IA												
IL	213	728	485	243	0.55%	0.82%	0.00%	< 0.10	< 8.00	0.34	0.24	0.34
IN	356	1,891	1,488	403	0.11%	0.13%	0.00%	< 0.10	< 2.00	1.00	1.00	1.00
KY	524	2,076	1,119	957	0.05%	0.09%	0.00%	< 0.50	< 5.00	93.00	93.00	93.00
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	6	25	25	0	100.00%	100.00%	0.00%	0.20	44.00	44.00	0.20	1.70
MD	986	1,905	1,438	467	0.05%	0.00%	0.21%	< 0.10	< 0.50	0.40	0.40	0.40
MI												
MN	1,549	2,651	2,583	68	0.68%	0.70%	0.00%	< 1.00	< 2.00	7.10	1.00	1.35
MO	85	323	297	26	0.62%	0.67%	0.00%	< 0.20	< 2.00	8.10	2.00	5.05
MS	2	3	2	1	100.00%	100.00%	100.00%	0.50	0.90	0.90	0.50	0.80
MT												
NC	297	644	569	75	0.16%	0.18%	0.00%	< 0.50	< 0.50	7.30	7.30	7.30
NE	6	11	11	0	100.00%	100.00%	0.00%	1.10	26.10	26.10	1.10	3.70
NH	1	1	0	1	100.00%	0.00%	100.00%	9.50	9.50	9.50	9.50	9.50
NJ	804	1,629	1,442	187	0.49%	0.55%	0.00%	< 0.00	< 1.00	14.00	0.12	1.20
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	355	2,166	1,619	547	0.23%	0.19%	0.37%	< 0.02	< 1.00	14.00	0.50	2.00
OH	2,647	15,922	15,009	913	1.07%	1.12%	0.33%	< 0.00	0.50	39.00	0.50	0.90
SD	335	444	363	81	2.25%	2.20%	2.47%	< 0.15	0.15	1.89	0.15	0.15
TN	303	1,221	434	787	0.08%	0.23%	0.00%	< 0.02	< 0.50	12.00	12.00	12.00
TX	1	1	0	1	100.00%	0.00%	100.00%	5.10	5.10	5.10	5.10	5.10
UT	410	1,232	1,126	106	0.81%	0.80%	0.94%	< 0.00	< 20.00	1.00	0.50	0.50
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT												
WA	992	3,987	3,656	331	0.50%	0.55%	0.00%	< 0.50	< 0.50	18.00	0.50	1.45
WV	61	191	82	109	0.52%	1.22%	0.00%	< 0.10	< 8.00	20.00	20.00	20.00
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.20	< 1.50	< 2.00		
TOTAL	16,574	56,463	49,197	7,266	1.13%	1.24%	0.43%	< 0.00	0.60	404.90	0.10	2.00
24 States	16,076	53,641	47,038	6,603	1.09%	1.19%	0.35%	< 0.00	0.50	404.90	0.10	2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.18.c URCIS (Round 1) Data- Dichlorodifluoromethane Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,528	650	526	129	2.31%	2.66%	0.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	351	131	93	42	5.34%	6.45%	4.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	2,897	943	873	106	0.21%	0.11%	0.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	10,828	3,485	3,458	36	0.80%	0.78%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	12	7	4	4	57.14%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	47	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	53	10	8	2	10.00%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	254	193	38	170	5.70%	5.26%	5.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	1,354	462	384	78	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI													
IA													
IL	728	213	149	64	0.47%	0.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,891	356	320	37	0.28%	0.31%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,076	524	291	233	0.19%	0.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	25	6	6	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,905	986	940	51	0.10%	0.00%	1.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI													
MN	2,651	1,549	1,525	28	1.03%	1.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	323	85	71	14	2.35%	2.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	3	2	2	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT													
NC	644	297	254	44	0.34%	0.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE	11	6	6	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	1	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	1,629	804	793	11	0.87%	0.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,166	355	252	122	1.41%	1.19%	1.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	15,922	2,647	2,485	166	3.89%	4.02%	1.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	444	335	306	29	2.99%	2.61%	6.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,221	303	156	147	0.33%	0.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	1	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
UT	1,232	410	390	34	1.46%	1.28%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT													
WA	3,987	992	937	77	0.91%	0.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	191	61	28	33	1.64%	3.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	56,463	16,574	14,982	1,743	1.50%	1.49%	1.66%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24 States	53,641	16,076	14,617	1,588	1.37%	1.38%	1.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the

The Maximum Contaminant Level (MCL) for Dichlorodifluoromethane is 1,000 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.19.a URCIS (Round 1) Data- 1,1-Dichloroethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	660	532	133	0.15%	0.19%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	131	93	42	3.05%	2.15%	4.76%	0.00%	0.00%	0.00%	0.60
AR										
AZ	944	874	106	0.53%	0.46%	0.94%	0.21%	0.11%	0.94%	< 1.00
CA	3,536	3,507	37	1.39%	1.40%	0.00%	0.31%	0.31%	0.00%	1.00
CO	11	9	4	18.18%	22.22%	25.00%	9.09%	11.11%	0.00%	9.30
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	13	11	2	23.08%	27.27%	0.00%	7.69%	9.09%	0.00%	< 0.50
FL	226	42	205	7.08%	7.14%	6.34%	1.77%	0.00%	1.95%	11.00
GA	1,162	1,053	109	0.43%	0.38%	0.92%	0.17%	0.19%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA	1,002	963	39	0.30%	0.31%	0.00%	0.00%	0.00%	0.00%	< 1.00
IL	1,302	1,187	115	1.46%	1.52%	0.87%	0.23%	0.25%	0.00%	1.00
IN	370	332	39	2.70%	2.41%	5.13%	0.27%	0.30%	0.00%	1.72
KY	524	291	233	0.76%	1.03%	0.43%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	40	34	10	77.50%	82.35%	70.00%	15.00%	17.65%	0.00%	8.20
MD	986	940	51	1.12%	0.96%	3.92%	0.10%	0.11%	0.00%	< 1.00
MI	10	9	1	100.00%	100.00%	100.00%	40.00%	44.44%	0.00%	41.00
MN	1,565	1,540	29	0.64%	0.65%	0.00%	0.06%	0.06%	0.00%	< 0.20
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	1.40
MT	565	523	57	0.35%	0.38%	0.00%	0.18%	0.19%	0.00%	< 1.00
NC	297	254	44	3.37%	3.94%	0.00%	0.67%	0.79%	0.00%	1.10
NE	7	7	0	100.00%	100.00%	0.00%	14.29%	14.29%	0.00%	6.10
NH	14	14	0	100.00%	100.00%	0.00%	14.29%	14.29%	0.00%	3.00
NJ	1,518	1,493	25	2.17%	2.14%	4.00%	0.20%	0.20%	0.00%	1.10
NM	590	555	35	0.17%	0.18%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	355	252	122	1.97%	2.38%	0.82%	0.28%	0.40%	0.00%	0.80
OH	2,655	2,492	167	1.32%	1.36%	0.60%	0.11%	0.12%	0.00%	< 1.00
SD	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	291	150	141	0.34%	0.00%	0.71%	0.00%	0.00%	0.00%	< 0.50
TX	2	2	0	100.00%	100.00%	0.00%	50.00%	50.00%	0.00%	8.90
UT	423	403	34	0.95%	0.74%	2.94%	0.00%	0.00%	0.00%	< 5.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.80
WA	992	937	77	0.20%	0.21%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	137	63	75	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	5.52%	5.17%	5.26%	2.07%	0.86%	5.26%	1.90
TOTAL	21,048	19,186	2,039	1.48%	1.45%	1.91%	0.26%	0.24%	0.34%	1.07
24 STATES	20,483	18,758	1,876	1.14%	1.09%	1.55%	0.18%	0.16%	0.37%	0.10

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for 1,1-Dichloroethane is 5 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.19.b URCIS (Round 1) Data- 1,1-Dichloroethane Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	660	1,611	1,325	286	0.12%	0.15%	0.00%	< 0.00	< 0.00	4.00	1.7	2.85
AL	131	351	244	107	1.14%	0.82%	1.87%	< 0.50	0.60	2.40	0.60	2.05
AR												
AZ	944	2,968	2,308	660	0.17%	0.17%	0.15%	< 0.02	< 1.00	500.00	0.30	4.00
CA	3,536	11,899	11,804	95	1.57%	1.58%	0.00%	< 0.00	1.00	30.00	0.10	1.20
CO	11	86	82	4	63.95%	65.85%	25.00%	< 0.00	9.30	9.30	0.09	2.00
DC	1	63	0	63	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.90%	1.59%	0.00%	< 0.10	< 0.50	12.60	0.10	0.50
FL	226	330	72	258	6.36%	8.33%	5.81%	< 0.00	11.00	15.40	0.01	1.00
GA	1,162	2,460	1,861	599	0.41%	0.38%	0.50%	< 0.00	< 0.50	9.10	0.60	2.75
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA	1,002	1,908	1,697	211	0.16%	0.18%	0.00%	< 0.30	< 1.00	1.00	1.00	1.00
IL	1,302	6,009	5,043	966	1.43%	1.67%	0.21%	< 0.03	1.00	27.00	0.03	1.40
IN	370	2,238	1,542	696	3.53%	4.28%	1.87%	< 0.08	1.72	15.60	0.09	1.09
KY	524	2,311	1,172	1,139	0.39%	0.68%	0.09%	< 0.50	< 1.00	2.40	1.30	2.00
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	40	125	109	16	85.60%	87.16%	75.00%	< 0.00	8.20	16.00	0.09	1.00
MD	986	1,909	1,441	468	0.73%	0.83%	0.43%	< 0.10	< 1.00	10.00	0.20	0.90
MI	10	236	234	2	100.00%	100.00%	100.00%	1.00	41.00	78.00	1.00	4.50
MN	1,565	2,753	2,674	79	0.51%	0.52%	0.00%	< 0.20	< 0.20	11.00	0.20	0.50
MO	85	329	297	32	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	2	6	6	0	100.00%	100.00%	0.00%	0.50	1.40	1.40	0.50	0.95
MT	565	1,624	1,376	248	0.31%	0.36%	0.00%	< 0.50	< 1.00	11.00	1.40	2.00
NC	297	647	572	75	2.63%	2.97%	0.00%	< 0.11	1.10	8.30	0.11	1.04
NE	7	13	13	0	100.00%	100.00%	0.00%	0.30	6.10	6.10	0.30	0.80
NH	14	32	32	0	100.00%	100.00%	0.00%	0.35	3.00	30.00	0.35	3.49
NJ	1,518	3,173	2,808	365	2.21%	2.46%	0.27%	< 0.00	1.10	28.00	0.05	1.00
NM	590	1,595	1,475	120	0.06%	0.07%	0.00%	< 0.00	< 1.00	4.30	4.30	4.30
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	355	2,172	1,622	550	1.38%	1.79%	0.18%	< 0.04	0.80	65.00	0.33	2.00
OH	2,655	16,083	15,163	920	0.93%	0.98%	0.11%	< 0.00	< 1.00	45.90	0.20	1.30
SD	335	444	363	81	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	291	995	342	653	0.10%	0.00%	0.15%	< 0.07	< 0.50	0.60	0.60	0.60
TX	2	3	3	0	100.00%	100.00%	0.00%	2.00	8.90	8.90	2.00	8.90
UT	423	1,331	1,217	114	0.60%	0.58%	0.88%	< 0.00	< 5.00	1.00	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1	0	100.00%	100.00%	0.00%	0.80	0.80	0.80	0.80	0.80
WA	992	3,987	3,656	331	0.15%	0.16%	0.00%	< 0.50	< 0.50	0.70	0.50	0.65
WV	137	657	204	453	0.00%	0.00%	0.00%	< 0.05	< 4.00	< 4.00		
WY	145	313	259	54	2.88%	2.70%	3.70%	< 0.20	1.90	23.00	0.20	0.60
TOTAL	21,048	72,396	62,441	9,955	1.64%	1.80%	0.61%	< 0.00	1.07	500.00	0.01	1.49
24 States	20,483	68,817	59,699	9,118	1.02%	1.10%	0.49%	< 0.00	0.10	500.00	0.01	1.20

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.19.c URCIS (Round 1) Data- 1,1-Dichloroethane Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,611	660	532	133	0.15%	0.19%	0.00%	0.15%	0.19%	0.00%	0.00%	0.00%	0.00%
AL	351	131	93	42	3.05%	2.15%	4.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	2,968	944	874	106	0.53%	0.46%	0.94%	0.32%	0.23%	0.94%	0.21%	0.11%	0.94%
CA	11,899	3,536	3,507	37	1.39%	1.40%	0.00%	0.45%	0.46%	0.00%	0.31%	0.31%	0.00%
CO	86	11	9	4	18.18%	22.22%	25.00%	9.09%	11.11%	0.00%	9.09%	11.11%	0.00%
DC	63	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	23.08%	27.27%	0.00%	7.69%	9.09%	0.00%	7.69%	9.09%	0.00%
FL	330	226	42	205	7.08%	7.14%	6.34%	2.21%	0.00%	2.44%	1.77%	0.00%	1.95%
GA	2,460	1,162	1,053	109	0.43%	0.38%	0.92%	0.17%	0.19%	0.00%	0.17%	0.19%	0.00%
HI	1,221	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,908	1,002	963	39	0.30%	0.31%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	6,009	1,302	1,187	115	1.46%	1.52%	0.87%	0.38%	0.34%	0.87%	0.23%	0.25%	0.00%
IN	2,238	370	332	39	2.70%	2.41%	5.13%	1.35%	1.20%	2.56%	0.27%	0.30%	0.00%
KY	2,311	524	291	233	0.76%	1.03%	0.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	125	40	34	10	77.50%	82.35%	70.00%	25.00%	29.41%	0.00%	15.00%	17.65%	0.00%
MD	1,909	986	940	51	1.12%	0.96%	3.92%	0.10%	0.11%	0.00%	0.10%	0.11%	0.00%
MI	236	10	9	1	100.00%	100.00%	100.00%	60.00%	66.67%	0.00%	40.00%	44.44%	0.00%
MN	2,753	1,565	1,540	29	0.64%	0.65%	0.00%	0.06%	0.06%	0.00%	0.06%	0.06%	0.00%
MO	329	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	6	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT	1,624	565	523	57	0.35%	0.38%	0.00%	0.35%	0.38%	0.00%	0.18%	0.19%	0.00%
NC	647	297	254	44	3.37%	3.94%	0.00%	1.01%	1.18%	0.00%	0.67%	0.79%	0.00%
NE	13	7	7	0	100.00%	100.00%	0.00%	14.29%	14.29%	0.00%	14.29%	14.29%	0.00%
NH	32	14	14	0	100.00%	100.00%	0.00%	42.86%	42.86%	0.00%	14.29%	14.29%	0.00%
NJ	3,173	1,518	1,493	25	2.17%	2.14%	4.00%	0.33%	0.33%	0.00%	0.20%	0.20%	0.00%
NM	1,595	590	555	35	0.17%	0.18%	0.00%	0.17%	0.18%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,172	355	252	122	1.97%	2.38%	0.82%	0.56%	0.40%	0.82%	0.28%	0.40%	0.00%
OH	16,083	2,655	2,492	167	1.32%	1.36%	0.60%	0.45%	0.48%	0.00%	0.11%	0.12%	0.00%
SD	444	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	995	291	150	141	0.34%	0.00%	0.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	3	2	2	0	100.00%	100.00%	0.00%	50.00%	50.00%	0.00%	50.00%	50.00%	0.00%
UT	1,331	423	403	34	0.95%	0.74%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	0.20%	0.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	657	137	63	75	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	5.52%	5.17%	5.26%	2.07%	0.86%	5.26%	2.07%	0.86%	5.26%
TOTAL	72,396	21,048	19,186	2,039	1.48%	1.45%	1.91%	0.44%	0.43%	0.54%	0.26%	0.24%	0.34%
24 States	68,817	20,483	18,758	1,876	1.14%	1.09%	1.55%	0.32%	0.29%	0.53%	0.18%	0.16%	0.37%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the

The Maximum Contaminant Level (MCL) for 1,1-Dichloroethane is 5 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.20.a URCIS (Round 1) Data- 1,2-Dichloroethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	686	555	137	1.17%	1.26%	0.73%	0.29%	0.36%	0.00%	< 0.00
AL	133	95	42	0.75%	1.05%	0.00%	0.00%	0.00%	0.00%	< 0.50
AR										
AZ	970	895	118	0.31%	0.22%	0.85%	0.21%	0.11%	0.85%	< 2.00
CA	3,544	3,514	42	1.69%	1.62%	7.14%	0.34%	0.31%	2.38%	1.90
CO	11	9	3	45.45%	44.44%	66.67%	0.00%	0.00%	0.00%	0.84
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
DE	13	11	2	7.69%	9.09%	0.00%	0.00%	0.00%	0.00%	1.00
FL										
GA	1,163	1,054	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	19	15	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA										
IL										
IN	395	350	46	0.76%	0.86%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	525	291	234	1.52%	1.03%	2.14%	0.38%	0.00%	0.85%	< 1.00
LA	13	9	4	7.69%	11.11%	0.00%	0.00%	0.00%	0.00%	1.90
MA	14	11	3	64.29%	81.82%	0.00%	7.14%	9.09%	0.00%	5.90
MD	844	798	51	1.42%	1.25%	3.92%	0.24%	0.25%	0.00%	0.10
MI	12	11	1	100.00%	100.00%	100.00%	33.33%	27.27%	100.00%	24.00
MN	1,564	1,539	29	1.53%	1.56%	0.00%	0.06%	0.06%	0.00%	0.30
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS	7	7	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	3.00
MT										
NC	297	254	44	4.04%	3.54%	6.82%	0.67%	0.39%	2.27%	1.40
NE	43	43	0	100.00%	100.00%	0.00%	18.60%	18.60%	0.00%	39.50
NH										
NJ	1,242	1,239	3	1.93%	1.94%	0.00%	0.24%	0.24%	0.00%	1.10
NM	590	555	35	0.17%	0.18%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	10	8	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	356	253	122	0.56%	0.40%	0.82%	0.28%	0.00%	0.82%	< 1.00
OH	1,687	1,557	134	0.47%	0.45%	0.75%	0.12%	0.13%	0.00%	< 0.50
SD										
TN										
TX	3	3	0	100.00%	100.00%	0.00%	33.33%	33.33%	0.00%	9.00
UT	418	396	36	1.91%	1.26%	8.33%	0.00%	0.00%	0.00%	< 5.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
VT										
WA	992	937	77	0.30%	0.32%	0.00%	0.10%	0.11%	0.00%	< 0.50
WV	69	32	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	144	116	37	1.39%	0.00%	5.41%	0.00%	0.00%	0.00%	< 0.70
TOTAL	15,853	14,628	1,372	1.64%	1.61%	1.82%	0.28%	0.25%	0.51%	0.86
24 STATES	15,282	14,192	1,215	1.16%	1.10%	1.73%	0.19%	0.17%	0.41%	< 5.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for 1,2-Dichloroethane is 5 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.20.b URCIS (Round 1) Data- 1,2-Dichloroethane Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	686	1,783	1,480	303	0.67%	0.68%	0.66%	< 0.00	< 0.00	7.00	0.70	2.00
AL	133	353	246	107	0.28%	0.41%	0.00%	< 0.50	< 0.50	0.70	0.70	0.70
AR												
AZ	970	3,093	2,385	708	0.10%	0.08%	0.14%	< 0.05	< 2.00	500.00	0.50	17.00
CA	3,544	11,987	11,876	111	2.29%	2.27%	5.41%	< 0.00	1.90	24.00	0.20	1.40
CO	11	43	37	6	25.58%	16.22%	83.33%	< 0.00	0.84	0.84	0.18	0.41
DC	1	66	0	66	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
DE	13	334	190	144	1.80%	3.16%	0.00%	< 0.20	1.00	4.80	0.20	1.15
FL												
GA	1,163	2,462	1,864	598	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	19	61	34	27	0.00%	0.00%	0.00%	< 0.30	< 0.30	< 0.30		
IA												
IL												
IN	395	2,621	1,804	817	0.15%	0.22%	0.00%	< 0.10	< 2.00	2.23	0.38	0.69
KY	525	3,684	1,405	2,279	0.41%	0.21%	0.53%	< 0.10	< 1.00	141.00	0.70	2.00
LA	13	22	18	4	4.55%	5.56%	0.00%	< 0.50	1.90	1.90	1.90	1.90
MA	14	23	19	4	39.13%	47.37%	0.00%	< 0.37	5.90	5.90	0.37	1.00
MD	844	1,786	1,306	480	1.01%	1.00%	1.04%	< 0.10	0.10	31.00	0.10	0.85
MI	12	133	97	36	100.00%	100.00%	100.00%	1.00	24.00	25.00	1.00	2.00
MN	1,564	2,752	2,673	79	1.45%	1.50%	0.00%	< 0.20	0.30	5.80	0.20	0.50
MO	85	329	297	32	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	7	25	25	0	100.00%	100.00%	0.00%	0.50	3.00	3.00	0.50	1.00
MT												
NC	297	644	569	75	2.48%	2.28%	4.00%	< 0.50	1.40	420.00	0.52	0.85
NE	43	129	129	0	100.00%	100.00%	0.00%	0.10	39.50	59.60	0.10	0.70
NH												
NJ	1,242	1,762	1,753	9	2.21%	2.22%	0.00%	< 0.00	1.10	19.80	0.06	1.08
NM	590	1,595	1,475	120	0.38%	0.41%	0.00%	< 0.00	< 1.00	0.80	0.50	0.50
NV	10	191	155	36	0.00%	0.00%	0.00%	< 0.05	< 0.20	< 0.20		
NY	356	2,169	1,619	550	0.09%	0.06%	0.18%	< 0.10	< 1.00	12.00	0.49	6.25
OH	1,687	6,370	5,755	615	0.30%	0.30%	0.33%	< 0.00	< 0.50	9.50	0.35	0.84
SD												
TN												
TX	3	8	8	0	100.00%	100.00%	0.00%	0.80	9.00	9.00	0.80	1.30
UT	418	1,288	1,173	115	0.85%	0.68%	2.61%	< 0.10	< 5.00	1.80	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
VT												
WA	992	3,987	3,656	331	0.08%	0.08%	0.00%	< 0.50	< 0.50	6.20	0.50	0.60
WV	69	463	130	333	0.00%	0.00%	0.00%	< 0.05	< 4.00	< 4.00		
WY	144	310	259	51	0.65%	0.00%	3.92%	< 0.20	< 0.70	0.70	0.30	0.50
TOTAL	15,853	50,483	42,437	8,046	1.56%	1.67%	0.97%	< 0.00	0.86	500.00	0.06	1.10
24 States	15,282	47,001	39,843	7,158	0.99%	1.07%	0.50%	< 0.00	< 5.00	500.00	0.06	1.10

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.20.c URCIS (Round 1) Data- 1,2-Dichloroethane Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,783	686	555	137	1.17%	1.26%	0.73%	0.44%	0.54%	0.00%	0.29%	0.36%	0.00%
AL	353	133	95	42	0.75%	1.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	3,093	970	895	118	0.31%	0.22%	0.85%	0.21%	0.11%	0.85%	0.21%	0.11%	0.85%
CA	11,987	3,544	3,514	42	1.69%	1.62%	7.14%	0.65%	0.63%	2.38%	0.34%	0.31%	2.38%
CO	43	11	9	3	45.45%	44.44%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	66	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	334	13	11	2	7.69%	9.09%	0.00%	7.69%	9.09%	0.00%	0.00%	0.00%	0.00%
FL													
GA	2,462	1,163	1,054	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	61	19	15	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA													
IL													
IN	2,621	395	350	46	0.76%	0.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	3,684	525	291	234	1.52%	1.03%	2.14%	0.38%	0.00%	0.85%	0.38%	0.00%	0.85%
LA	22	13	9	4	7.69%	11.11%	0.00%	7.69%	11.11%	0.00%	0.00%	0.00%	0.00%
MA	23	14	11	3	64.29%	81.82%	0.00%	0.00%	0.00%	0.00%	7.14%	9.09%	0.00%
MD	1,786	844	798	51	1.42%	1.25%	3.92%	0.47%	0.50%	0.00%	0.24%	0.25%	0.00%
MI	133	12	11	1	100.00%	100.00%	100.00%	58.33%	54.55%	100.00%	33.33%	27.27%	100.00%
MN	2,752	1,564	1,539	29	1.53%	1.56%	0.00%	0.13%	0.13%	0.00%	0.06%	0.06%	0.00%
MO	329	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	25	7	7	0	100.00%	100.00%	0.00%	14.29%	14.29%	0.00%	0.00%	0.00%	0.00%
MT													
NC	644	297	254	44	4.04%	3.54%	6.82%	1.01%	0.79%	2.27%	0.67%	0.39%	2.27%
NE	129	43	43	0	100.00%	100.00%	0.00%	23.26%	23.26%	0.00%	18.60%	18.60%	0.00%
NH													
NJ	1,762	1,242	1,239	3	1.93%	1.94%	0.00%	0.64%	0.65%	0.00%	0.24%	0.24%	0.00%
NM	1,595	590	555	35	0.17%	0.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	191	10	8	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,169	356	253	122	0.56%	0.40%	0.82%	0.28%	0.00%	0.82%	0.28%	0.00%	0.82%
OH	6,370	1,687	1,557	134	0.47%	0.45%	0.75%	0.12%	0.13%	0.00%	0.12%	0.13%	0.00%
SD													
TN													
TX	8	3	3	0	100.00%	100.00%	0.00%	33.33%	33.33%	0.00%	33.33%	33.33%	0.00%
UT	1,288	418	396	36	1.91%	1.26%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT													
WA	3,987	992	937	77	0.30%	0.32%	0.00%	0.10%	0.11%	0.00%	0.10%	0.11%	0.00%
WV	463	69	32	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	310	144	116	37	1.39%	0.00%	5.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	50,483	15,853	14,628	1,372	1.64%	1.61%	1.82%	0.45%	0.44%	0.51%	0.28%	0.25%	0.51%
24 States	47,001	15,282	14,192	1,215	1.16%	1.10%	1.73%	0.33%	0.32%	0.41%	0.19%	0.17%	0.41%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for l
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy
The Maximum Contaminant Level (MCL) for 1,2-Dichloroethane is 5 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.21.a URCIS (Round 1) Data- Dichloroethene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	671	542	135	0.60%	0.74%	0.00%	0.15%	0.18%	0.00%	< 0.00
AL	132	94	42	3.79%	5.32%	0.00%	0.76%	1.06%	0.00%	1.80
AR										
AZ	970	894	119	0.31%	0.11%	1.68%	0.10%	0.00%	0.84%	< 2.00
CA	3,527	3,498	41	1.98%	2.00%	0.00%	0.40%	0.40%	0.00%	4.80
CO	11	9	3	18.18%	22.22%	0.00%	9.09%	11.11%	0.00%	7.30
DC	1		1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.60
DE	13	11	2	15.38%	18.18%	500.00%	0.00%	0.00%	0.00%	1.00
FL	186	24	167	6.99%	12.50%	0.00%	0.00%	0.00%	0.00%	1.20
GA	1,162	1,053	109	0.34%	0.38%	0.00%	0.09%	0.09%	0.00%	< 0.50
HI	19	15	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA										
IL										
IN	392	347	46	2.30%	2.02%	4.35%	0.77%	0.86%	0.00%	1.62
KY	525	291	234	2.48%	0.00%	5.56%	0.38%	0.00%	0.85%	< 1.00
LA	13	9	4	7.69%	11.11%	0.00%	0.00%	0.00%	0.00%	1.20
MA	27	22	5	81.48%	81.82%	80.00%	7.41%	4.55%	20.00%	14.00
MD	844	798	51	1.07%	0.88%	3.92%	0.00%	0.00%	0.00%	< 1.00
MI	12	12		100.00%	100.00%	0.00%	16.67%	16.67%	0.00%	12.00
MN	1,565	1,540	29	0.19%	0.19%	0.00%	0.00%	0.00%	0.00%	< 0.50
MO	78	64	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS	3	3		100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	5.30
MT										
NC	297	254	44	4.71%	5.12%	2.27%	1.01%	1.18%	0.00%	7.40
NE	8	8		100.00%	100.00%	0.00%	37.50%	37.50%	0.00%	49.40
NH										
NJ	1,242	1,239	3	1.69%	1.69%	0.00%	0.16%	0.16%	0.00%	1.67
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	10	8	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	355	252	122	1.69%	1.98%	0.82%	0.28%	0.40%	0.00%	< 10.00
OH	1,687	1,557	134	0.36%	0.39%	0.00%	0.12%	0.13%	0.00%	< 0.50
SD										
TN										
TX	1	1		100.00%	100.00%	0.00%	100.00%	100.00%	0.00%	24.00
UT	416	394	36	0.96%	1.02%	0.00%	0.24%	0.25%	0.00%	< 2.50
VI	3		3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
VT										
WA	992	937	77	0.20%	0.21%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	69	32	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	144	116	37	0.69%	0.86%	0.00%	0.00%	0.00%	0.00%	< 1.30
TOTAL	15,965	14,579	1,538	1.50%	1.39%	2.34%	0.26%	0.25%	0.26%	2.27
24 STATES	15,430	14,180	1,380	1.17%	1.06%	1.45%	0.20%	0.20%	0.22%	1.80

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Dichloroethene is 7 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.21.b URCIS (Round 1) Data- Dichloroethene Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	671	1,754	1,457	297	0.74%	0.89%	0.00%	< 0.00	< 0.00	8.00	0.40	0.60
AL	132	354	247	107	1.98%	2.83%	0.00%	< 0.50	1.80	7.50	0.80	1.80
AR												
AZ	970	3,092	2,376	716	0.10%	0.04%	0.28%	< 0.05	< 2.00	2,300.00	0.50	0.50
CA	3,527	13,296	13,161	135	9.30%	9.40%	0.00%	< 0.00	4.80	99.05	0.10	1.10
CO	11	105	102	3	66.67%	68.63%	0.00%	< 0.09	7.30	8.00	0.30	2.15
DC	1	66		66	1.52%	0.00%	1.52%	< 0.50	0.60	0.60	0.60	0.60
DE	13	334	190	144	1.50%	2.63%	6.94%	< 0.30	1.00	2.20	0.60	1.00
FL	186	234	36	198	5.98%	11.11%	0.00%	< 0.00	1.20	3.13	0.05	1.00
GA	1,162	2,464	1,865	599	0.28%	0.38%	0.00%	< 0.50	< 0.50	19.90	1.30	1.90
HI	19	60	33	27	0.00%	0.00%	0.00%	< 0.30	< 0.30	< 0.30		
IA												
IL												
IN	392	2,632	1,814	818	2.51%	3.36%	0.61%	< 0.07	1.62	13.00	0.11	1.21
KY	525	3,686	1,406	2,280	0.41%	0.00%	0.66%	< 0.08	< 1.00	75.00	1.00	3.00
LA	13	22	18	4	4.55%	5.56%	0.00%	< 0.50	1.20	1.20	1.20	1.20
MA	27	67	59	8	71.64%	74.58%	50.00%	< 0.00	14.00	14.00	0.20	1.03
MD	844	1,786	1,306	480	0.50%	0.54%	0.42%	< 0.10	< 1.00	1.60	0.10	0.80
MI	12	75	75		100.00%	100.00%	0.00%	1.00	12.00	12.00	1.00	4.00
MN	1,565	2,754	2,675	79	0.22%	0.22%	0.00%	< 0.20	< 0.50	5.70	0.30	1.35
MO	78	282	250	32	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	3	22	22		100.00%	100.00%	0.00%	0.70	5.30	5.30	0.70	1.80
MT												
NC	297	644	569	75	4.19%	4.57%	1.33%	< 0.50	7.40	440.00	0.60	2.40
NE	8	19	19		100.00%	100.00%	0.00%	0.30	49.40	49.40	0.30	2.80
NH												
NJ	1,242	1,773	1,764	9	2.88%	2.89%	0.00%	< 0.00	1.67	70.00	0.16	0.93
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	10	191	155	36	0.00%	0.00%	0.00%	< 0.05	< 0.20	< 0.20		
NY	355	2,171	1,621	550	0.97%	1.23%	0.18%	< 0.10	< 10.00	51.00	0.60	2.00
OH	1,687	6,368	5,753	615	0.24%	0.26%	0.00%	< 0.20	< 0.50	40.40	0.30	2.30
SD												
TN												
TX	1	2	2		100.00%	100.00%	0.00%	21.00	24.00	24.00	21.00	22.50
UT	416	1,276	1,164	112	0.63%	0.69%	0.00%	< 0.10	< 2.50	15.00	0.10	0.10
VI	3	10		10	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
VT												
WA	992	3,987	3,656	331	0.23%	0.25%	0.00%	< 0.50	< 0.50	0.90	0.60	0.80
WV	69	463	130	333	0.00%	0.00%	0.00%	< 0.05	< 4.00	< 4.00		
WY	144	310	259	51	0.32%	0.39%	0.00%	< 0.20	< 1.30	1.10	1.10	1.10
TOTAL	15,965	51,894	43,659	8,235	3.38%	3.92%	0.50%	< 0.00	2.27	2,300.00	0.05	1.20
24 States	15,430	48,528	41,146	7,382	3.07%	3.53%	0.34%	< 0.00	1.80	2,300.00	0.05	1.10

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.21.c URCIS (Round 1) Data- Dichloroethene Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,754	671	542	135	0.60%	0.74%	0.00%	0.30%	0.37%	0.00%	0.15%	0.18%	0.00%
AL	354	132	94	42	3.79%	5.32%	0.00%	1.52%	2.13%	0.00%	0.76%	1.06%	0.00%
AR													
AZ	3,092	970	894	119	0.31%	0.11%	1.68%	0.10%	0.00%	0.84%	0.10%	0.00%	0.84%
CA	13,296	3,527	3,498	41	1.98%	2.00%	0.00%	0.79%	0.80%	0.00%	0.40%	0.40%	0.00%
CO	105	11	9	3	18.18%	22.22%	0.00%	9.09%	11.11%	0.00%	9.09%	11.11%	0.00%
DC	66	1		1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	334	13	11	2	15.38%	18.18%	500.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	234	186	24	167	6.99%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,464	1,162	1,053	109	0.34%	0.38%	0.00%	0.09%	0.09%	0.00%	0.09%	0.09%	0.00%
HI	60	19	15	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA													
IL													
IN	2,632	392	347	46	2.30%	2.02%	4.35%	1.02%	1.15%	0.00%	0.77%	0.86%	0.00%
KY	3,686	525	291	234	2.48%	0.00%	5.56%	1.14%	0.00%	2.56%	0.38%	0.00%	0.85%
LA	22	13	9	4	7.69%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	67	27	22	5	81.48%	81.82%	80.00%	14.81%	9.09%	40.00%	7.41%	4.55%	20.00%
MD	1,786	844	798	51	1.07%	0.88%	3.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	75	12	12		100.00%	100.00%	0.00%	33.33%	33.33%	0.00%	16.67%	16.67%	0.00%
MN	2,754	1,565	1,540	29	0.19%	0.19%	0.00%	0.06%	0.06%	0.00%	0.00%	0.00%	0.00%
MO	282	78	64	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	22	3	3		100.00%	100.00%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%
MT													
NC	644	297	254	44	4.71%	5.12%	2.27%	2.02%	2.36%	0.00%	1.01%	1.18%	0.00%
NE	19	8	8		100.00%	100.00%	0.00%	62.50%	62.50%	0.00%	37.50%	37.50%	0.00%
NH													
NJ	1,773	1,242	1,239	3	1.69%	1.69%	0.00%	0.16%	0.16%	0.00%	0.16%	0.16%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	191	10	8	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,171	355	252	122	1.69%	1.98%	0.82%	0.56%	0.40%	0.82%	0.28%	0.40%	0.00%
OH	6,368	1,687	1,557	134	0.36%	0.39%	0.00%	0.24%	0.26%	0.00%	0.12%	0.13%	0.00%
SD													
TN													
TX	2	1	1		100.00%	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%
UT	1,276	416	394	36	0.96%	1.02%	0.00%	0.24%	0.25%	0.00%	0.24%	0.25%	0.00%
VI	10	3		3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT													
WA	3,987	992	937	77	0.20%	0.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	463	69	32	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	310	144	116	37	0.69%	0.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	51,894	15,965	14,579	1,538	1.50%	1.39%	2.34%	0.48%	0.45%	0.65%	0.26%	0.25%	0.26%
24 States	48,528	15,430	14,180	1,380	1.17%	1.06%	1.45%	0.38%	0.36%	0.51%	0.20%	0.20%	0.22%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the

The Maximum Contaminant Level (MCL) for Dichloroethene is 7 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.22.a URCIS (Round 1) Data- Dichloromethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	666	536	135	0.90%	0.93%	0.74%	0.00%	0.00%	0.00%	< 0.00
AL	134	96	42	13.43%	14.58%	11.90%	2.99%	2.08%	4.76%	5.60
AR	1		1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	1.70
AZ	941	871	106	0.96%	0.46%	4.72%	0.64%	0.34%	2.83%	< 10.00
CA	3,593	3,547	56	4.62%	4.14%	37.50%	0.97%	0.96%	3.57%	2.00
CO	14	11	4	42.86%	45.45%	50.00%	0.00%	0.00%	0.00%	3.00
DC	1		1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	1.80
DE	13	11	2	7.69%	0.00%	50.00%	0.00%	0.00%	0.00%	< 1.20
FL	247	42	224	22.67%	14.29%	22.77%	11.74%	7.14%	12.05%	40.00
GA	39	15	24	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
IA	1,002	963	39	0.20%	0.21%	0.00%	0.20%	0.21%	0.00%	< 5.00
IL	1,301	1,187	114	6.99%	4.72%	30.70%	0.69%	0.42%	3.51%	2.40
IN	376	336	41	8.24%	8.04%	9.76%	1.60%	1.19%	4.88%	3.00
KY	523	290	233	6.12%	4.14%	8.58%	2.87%	1.38%	4.72%	3.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	47	39	12	85.11%	84.62%	91.67%	38.30%	38.46%	33.33%	42.00
MD	828	782	51	6.16%	4.99%	23.53%	1.09%	1.15%	0.00%	2.00
MI	16	14	2	100.00%	100.00%	100.00%	12.50%	14.29%	0.00%	58.00
MN	1,564	1,539	29	1.60%	1.62%	0.00%	0.32%	0.32%	0.00%	0.50
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS	8	8		100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	2.30
MT	565	523	57	0.88%	0.96%	0.00%	0.35%	0.38%	0.00%	< 1.00
NC	297	254	44	13.80%	11.02%	29.55%	2.36%	1.57%	6.82%	7.70
NE										
NH	9	7	2	100.00%	100.00%	100.00%	88.89%	85.71%	100.00%	499.00
NJ	1,524	1,499	25	5.71%	5.60%	12.00%	0.20%	0.20%	0.00%	1.26
NM	590	555	35	0.17%	0.18%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	355	252	122	10.99%	11.51%	9.84%	1.13%	1.59%	0.00%	2.00
OH	2,647	2,485	166	3.25%	3.22%	3.61%	0.34%	0.32%	0.60%	< 1.50
SD	335	306	29	1.19%	1.31%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	303	156	147	9.24%	8.33%	10.20%	1.32%	0.00%	2.72%	2.60
TX	10	8	2	100.00%	100.00%	100.00%	70.00%	75.00%	50.00%	29.00
UT	412	392	34	3.16%	2.55%	11.76%	0.24%	0.26%	0.00%	0.50
VI	3		3	33.33%	0.00%	33.33%	0.00%	0.00%	0.00%	2.00
VT	1	1		100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	1.80
WA	992	937	77	0.60%	0.64%	0.00%	0.10%	0.11%	0.00%	< 0.50
WV	136	63	74	5.15%	4.76%	5.41%	0.00%	0.00%	0.00%	0.60
WY	145	116	38	11.03%	10.34%	10.53%	1.38%	0.86%	2.63%	3.30
TOTAL	19,871	18,040	2,007	4.60%	3.81%	11.86%	0.95%	0.69%	3.34%	5.00
24 STATES	19,287	17,602	1,836	4.05%	3.31%	11.06%	0.77%	0.52%	3.27%	5.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Dichloromethane (Methylene Chloride) is 5 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.22.b URCIS (Round 1) Data- Dichloromethane Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	666	1,635	1,349	286	0.37%	0.37%	0.35%	< 0.00	< 0.00	4.50	0.39	1.30
AL	134	368	255	113	6.52%	7.06%	5.31%	< 0.50	5.60	19.70	0.51	1.10
AR	1	3		3	100.00%	0.00%	100.00%	0.7	1.7	1.7	0.70	1.20
AZ	941	2,952	2,293	659	0.44%	0.17%	1.37%	< 0.01	< 10.00	55.00	2.00	12.00
CA	3,593	12,036	11,880	156	2.91%	2.72%	17.31%	< 0.00	2.00	620.00	0.30	1.20
CO	14	37	23	14	32.43%	30.43%	35.71%	< 0.00	3.00	3.00	0.25	0.37
DC	1	62		62	4.84%	0.00%	4.84%	< 0.00	1.80	1.80	0.80	1.20
DE	13	334	190	144	0.30%	6.84%	0.69%	< 0.40	< 1.20	4.60	4.60	4.60
FL	247	369	71	298	18.16%	0.00%	18.12%	< 0.00	40.00	226.00	0.01	5.00
GA	39	50	16	34	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.20	< 0.50		
IA	1,002	1,910	1,699	211	0.10%	0.12%	0.00%	< 0.10	< 5.00	24.00	7.00	15.50
IL	1,301	5,274	4,296	978	3.03%	2.28%	6.34%	< 0.07	2.40	170.00	0.09	1.50
IN	376	2,234	1,543	691	4.34%	5.64%	1.45%	< 0.11	3.00	31.40	0.11	1.30
KY	523	2,040	946	1,094	1.96%	1.37%	2.47%	< 0.50	3.00	49.00	1.00	3.50
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	47	115	98	17	84.35%	84.69%	82.35%	< 0.00	42.00	110.00	0.29	2.50
MD	828	1,729	1,263	466	4.11%	3.56%	5.58%	< 0.10	2.00	20.00	0.10	1.00
MI	16	19	15	4	100.00%	100.00%	100.00%	1.00	58.00	58.00	1.00	2.00
MN	1,564	2,749	2,670	79	1.05%	1.09%	0.00%	< 0.50	0.50	65.00	0.50	1.10
MO	85	328	296	32	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	8	8	8		100.00%	100.00%	0.00%	0.50	2.30	2.30	0.50	1.10
MT	565	1,624	1,376	248	0.43%	0.51%	0.00%	< 0.50	< 1.00	21.80	1.50	1.72
NC	297	644	569	75	10.40%	8.61%	24.00%	< 0.13	7.70	31.00	0.13	2.00
NE												
NH	9	10	8	2	100.00%	100.00%	100.00%	0.12	499.00	499.00	0.12	26.35
NJ	1,524	3,173	2,807	366	3.47%	3.81%	0.82%	< 0.00	1.26	9.53	0.02	0.81
NM	590	1,595	1,475	120	0.06%	0.07%	0.00%	< 0.00	< 1.00	4.00	4.00	4.00
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	355	2,162	1,618	544	3.93%	3.96%	3.86%	< 0.03	2.00	155.10	0.20	0.91
OH	2,647	15,934	15,026	908	0.78%	0.79%	0.66%	< 0.02	< 1.50	24.70	0.36	0.95
SD	335	444	363	81	0.90%	1.10%	0.00%	< 0.15	< 0.50	0.15	0.15	0.15
TN	303	1,220	433	787	3.11%	4.39%	2.41%	< 0.02	2.60	7.20	0.16	1.65
TX	10	14	10	4	100.00%	100.00%	100.00%	3.00	29.00	29.00	3.00	19.50
UT	412	1,261	1,151	110	1.67%	1.48%	3.64%	< 0.10	0.50	72.00	0.40	0.50
VI	3	10		10	10.00%	0.00%	10.00%	< 1.00	2.00	2.00	2.00	2.00
VT	1	1	1		100.00%	100.00%	0.00%	1.80	1.80	1.80	1.80	1.80
WA	992	3,987	3,656	331	0.28%	0.30%	0.00%	< 0.50	< 0.50	29.90	0.50	1.00
WV	136	654	203	451	1.22%	1.48%	1.11%	< 0.50	0.60	4.00	0.50	1.15
WY	145	313	259	54	6.71%	6.56%	7.41%	< 0.10	3.30	6.20	1.00	1.60
TOTAL	19,871	68,689	59,101	9,588	2.22%	2.01%	3.54%	< 0.00	1.70	620.00	0.01	1.40
24 States	19,287	65,416	56,680	8,736	1.94%	1.72%	3.22%	< 0.00	1.30	620.00	0.01	1.40

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.22.c URCIS (Round 1) Data- Dichloromethane Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,635	666	536	135	0.90%	0.93%	0.74%	0.30%	0.19%	0.74%	0.00%	0.00%	0.00%
AL	368	134	96	42	13.43%	14.58%	11.90%	2.99%	2.08%	4.76%	2.99%	2.08%	4.76%
AR	3	1		1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	2,952	941	871	106	0.96%	0.46%	4.72%	0.85%	0.46%	3.77%	0.64%	0.34%	2.83%
CA	12,036	3,593	3,547	56	4.62%	4.14%	37.50%	1.73%	1.64%	8.93%	0.97%	0.96%	3.57%
CO	37	14	11	4	42.86%	45.45%	50.00%	7.14%	9.09%	0.00%	0.00%	0.00%	0.00%
DC	62	1		1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	334	13	11	2	7.69%	0.00%	50.00%	7.69%	0.00%	50.00%	0.00%	0.00%	0.00%
FL	369	247	42	224	22.67%	14.29%	22.77%	15.38%	7.14%	16.07%	11.74%	7.14%	12.05%
GA	50	39	15	24	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,910	1,002	963	39	0.20%	0.21%	0.00%	0.20%	0.21%	0.00%	0.20%	0.21%	0.00%
IL	5,274	1,301	1,187	114	6.99%	4.72%	30.70%	2.38%	1.43%	12.28%	0.69%	0.42%	3.51%
IN	2,234	376	336	41	8.24%	8.04%	9.76%	3.46%	2.68%	9.76%	1.60%	1.19%	4.88%
KY	2,040	523	290	233	6.12%	4.14%	8.58%	4.02%	1.72%	6.87%	2.87%	1.38%	4.72%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	115	47	39	12	85.11%	84.62%	91.67%	57.45%	58.97%	41.67%	38.30%	38.46%	33.33%
MD	1,729	828	782	51	6.16%	4.99%	23.53%	1.81%	1.79%	1.96%	1.09%	1.15%	0.00%
MI	19	16	14	2	100.00%	100.00%	100.00%	43.75%	42.86%	50.00%	12.50%	14.29%	0.00%
MN	2,749	1,564	1,539	29	1.60%	1.62%	0.00%	0.51%	0.52%	0.00%	0.32%	0.32%	0.00%
MO	328	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	8	8	8		100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT	1,624	565	523	57	0.88%	0.96%	0.00%	0.35%	0.38%	0.00%	0.35%	0.38%	0.00%
NC	644	297	254	44	13.80%	11.02%	29.55%	6.06%	3.94%	18.18%	2.36%	1.57%	6.82%
NE													
NH	10	9	7	2	100.00%	100.00%	100.00%	88.89%	85.71%	100.00%	88.89%	85.71%	100.00%
NJ	3,173	1,524	1,499	25	5.71%	5.60%	12.00%	0.26%	0.20%	4.00%	0.20%	0.20%	0.00%
NM	1,595	590	555	35	0.17%	0.18%	0.00%	0.17%	0.18%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,162	355	252	122	10.99%	11.51%	9.84%	3.38%	3.57%	2.46%	1.13%	1.59%	0.00%
OH	15,934	2,647	2,485	166	3.25%	3.22%	3.61%	0.76%	0.72%	1.20%	0.34%	0.32%	0.60%
SD	444	335	306	29	1.19%	1.31%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,220	303	156	147	9.24%	8.33%	10.20%	3.30%	1.28%	5.44%	1.32%	0.00%	2.72%
TX	14	10	8	2	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	70.00%	75.00%	50.00%
UT	1,261	412	392	34	3.16%	2.55%	11.76%	0.24%	0.26%	0.00%	0.24%	0.26%	0.00%
VI	10	3		3	33.33%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1	1	1		100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	0.60%	0.64%	0.00%	0.20%	0.21%	0.00%	0.10%	0.11%	0.00%
WV	654	136	63	74	5.15%	4.76%	5.41%	2.21%	1.59%	2.70%	0.00%	0.00%	0.00%
WY	313	145	116	38	11.03%	10.34%	10.53%	2.76%	2.59%	2.63%	1.38%	0.86%	2.63%
TOTAL	68,689	19,871	18,040	2,007	4.60%	3.81%	11.86%	1.69%	1.21%	5.93%	0.95%	0.69%	3.34%
24 States	65,416	19,287	17,602	1,836	4.05%	3.31%	11.06%	1.39%	0.94%	5.72%	0.77%	0.52%	3.27%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the

The Maximum Contaminant Level (MCL) for Dichloromethane (Methylene Chloride) is 5 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.23.a URCIS (Round 1) Data- 1,2-Dichloropropane Occurrence in Public Water System

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	661	532	134	0.15%	0.19%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	132	94	42	2.27%	3.19%	0.00%	0.00%	0.00%	0.00%	0.80
AR										
AZ	943	873	106	0.11%	0.11%	0.00%	0.00%	0.00%	0.00%	< 5.00
CA	3,538	3,507	39	1.67%	1.68%	0.00%	0.23%	0.23%	0.00%	1.00
CO	9	7	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
DC	1		1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	13	11	2	7.69%	9.09%	0.00%	0.00%	0.00%	0.00%	< 0.50
FL	224	41	204	4.46%	2.44%	4.41%	0.00%	0.00%	0.00%	1.00
GA	1,161	1,052	109	0.09%	0.10%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA	1,002	963	39	0.10%	0.10%	0.00%	0.00%	0.00%	0.00%	< 1.00
IL	1,299	1,185	114	0.54%	0.51%	0.88%	0.00%	0.00%	0.00%	< 1.00
IN	369	331	39	0.27%	0.30%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	0.19%	0.34%	0.00%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	4	3	1	50.00%	33.33%	100.00%	0.00%	0.00%	0.00%	4.70
MD	844	798	51	0.71%	0.63%	1.96%	0.12%	0.13%	0.00%	< 1.00
MI										
MN	1,565	1,540	29	0.38%	0.39%	0.00%	0.00%	0.00%	0.00%	< 0.20
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS	2	2		100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	2.60
MT	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NC	297	254	44	4.38%	5.12%	0.00%	1.68%	1.97%	0.00%	4.80
NE	2	2		100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.90
NH										
NJ	1,517	1,492	25	0.73%	0.67%	4.00%	0.07%	0.07%	0.00%	< 1.00
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	355	252	122	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
OH	2,656	2,493	167	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	< 1.00
SD										
TN	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TX										
UT										
VI	3		3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
VT	1	1		100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.70
WA	992	937	77	0.50%	0.53%	0.00%	0.10%	0.11%	0.00%	< 0.00
WV	137	63	75	0.73%	1.59%	0.00%	0.00%	0.00%	0.00%	< 0.00
WY	145	116	38	2.76%	1.72%	5.26%	0.00%	0.00%	0.00%	0.70
TOTAL	20,087	18,273	1,972	0.70%	0.68%	0.76%	0.08%	0.09%	0.00%	< 4.00
24 STATES	19,591	17,908	1,820	0.67%	0.66%	0.77%	0.08%	0.09%	0.00%	< 4.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for 1,2-Dichloropropane is 5 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.23.b URCIS (Round 1) Data- 1,2-Dichloropropane Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	661	1,609	1,323	286	0.06%	0.08%	0.00%	< 0.00	< 0.00	2.60	2.60	2.60
AL	132	353	246	107	1.13%	1.63%	0.00%	< 0.50	0.80	1.70	0.80	1.25
AR												
AZ	943	2,969	2,308	661	0.03%	0.04%	0.00%	< 0.05	< 5.00	2.00	2.00	2.00
CA	3,538	12,263	12,159	104	1.96%	1.97%	0.00%	< 0.00	1.00	53.00	0.10	1.00
CO	9	33	30	3	0.00%	0.00%	0.00%	< 0.04	< 5.00	< 5.00		
DC	1	62		62	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.90%	1.59%	0.00%	< 0.20	< 0.50	0.40	0.20	0.30
FL	224	322	68	254	3.42%	2.94%	3.54%	< 0.00	1.00	2.00	0.01	0.40
GA	1,161	2,459	1,861	598	0.08%	0.11%	0.00%	< 0.50	< 0.50	1.10	0.70	0.90
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 1.00		
IA	1,002	1,908	1,697	211	0.05%	0.06%	0.00%	< 0.50	< 1.00	0.50	0.50	0.50
IL	1,299	5,271	4,266	1,005	0.17%	0.19%	0.10%	< 0.07	< 1.00	3.00	0.07	0.50
IN	369	2,213	1,528	685	0.09%	0.13%	0.00%	< 0.08	< 2.00	2.50	2.50	2.50
KY	524	2,312	1,172	1,140	0.17%	0.34%	0.00%	< 0.50	< 1.00	1.00	1.00	1.00
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	4	5	3	2	40.00%	33.33%	50.00%	< 1.00	4.70	1.40	3.05	
MD	844	1,784	1,305	479	0.62%	0.77%	0.21%	< 0.10	< 1.00	37.00	0.20	1.30
MI												
MN	1,565	2,755	2,676	79	0.22%	0.22%	0.00%	< 0.20	< 0.20	2.60	0.20	0.50
MO	85	328	296	32	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	2	4	4		100.00%	100.00%	0.00%	1.10	2.60	2.60	1.10	1.40
MT	565	1,624	1,376	248	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
NC	297	644	569	75	2.33%	2.64%	0.00%	< 0.50	4.80	24.00	0.76	3.20
NE	2	4	4		100.00%	100.00%	0.00%	0.20	0.90	0.90	0.20	0.30
NH												
NJ	1,517	3,161	2,796	365	0.44%	0.46%	0.27%	< 0.00	< 1.00	6.30	0.21	1.00
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	355	2,166	1,620	546	0.00%	0.00%	0.00%	< 0.08	< 1.00	< 10.00		
OH	2,656	16,085	15,166	919	0.01%	0.01%	0.00%	< 0.20	< 1.00	1.70	1.30	1.50
SD												
TN	303	1,220	433	787	0.00%	0.00%	0.00%	< 0.01	< 0.50	< 0.50		
TX												
UT												
VI	3	10		10	0.00%	0.00%	0.00%	< 1.00	< 0.00	< 1.00		
VT	1	1	1		100.00%	100.00%	0.00%	0.70	0.70	0.70	0.70	0.70
WA	992	3,987	3,656	331	0.30%	0.33%	0.00%	< 0.50	< 0.00	10.10	0.70	1.20
WV	137	657	204	453	0.15%	0.49%	0.00%	< 0.10	< 0.00	1.00	1.00	1.00
WY	145	313	259	54	1.92%	1.54%	3.70%	< 0.20	0.70	2.30	0.20	0.80
TOTAL	20,087	69,841	59,925	9,916	0.51%	0.57%	0.15%	< 0.00	< 4.00	53.00	0.01	1.00
24 States	19,591	66,725	57,624	9,101	0.51%	0.57%	0.15%	< 0.00	< 4.00	53.00	0.01	1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.23.c URCIS (Round 1) Data- 1,2-Dichloropropane Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,609	661	532	134	0.15%	0.19%	0.00%	0.15%	0.19%	0.00%	0.00%	0.00%	0.00%
AL	353	132	94	42	2.27%	3.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	2,969	943	873	106	0.11%	0.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	12,263	3,538	3,507	39	1.67%	1.68%	0.00%	0.51%	0.51%	0.00%	0.23%	0.23%	0.00%
CO	33	9	7	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	62	1		1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	7.69%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	322	224	41	204	4.46%	2.44%	4.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,459	1,161	1,052	109	0.09%	0.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,908	1,002	963	39	0.10%	0.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	5,271	1,299	1,185	114	0.54%	0.51%	0.88%	0.08%	0.08%	0.00%	0.00%	0.00%	0.00%
IN	2,213	369	331	39	0.27%	0.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,312	524	291	233	0.19%	0.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	5	4	3	1	50.00%	33.33%	100.00%	25.00%	33.33%	0.00%	0.00%	0.00%	0.00%
MD	1,784	844	798	51	0.71%	0.63%	1.96%	0.12%	0.13%	0.00%	0.12%	0.13%	0.00%
MI													
MN	2,755	1,565	1,540	29	0.38%	0.39%	0.00%	0.06%	0.06%	0.00%	0.00%	0.00%	0.00%
MO	328	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	4	2	2		100.00%	100.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%
MT	1,624	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	4.38%	5.12%	0.00%	2.69%	3.15%	0.00%	1.68%	1.97%	0.00%
NE	4	2	2		100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH													
NJ	3,161	1,517	1,492	25	0.73%	0.67%	4.00%	0.07%	0.07%	0.00%	0.07%	0.07%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,166	355	252	122	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	16,085	2,656	2,493	167	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	1,220	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX													
UT													
VI	10	3		3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1	1	1		100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	0.50%	0.53%	0.00%	0.10%	0.11%	0.00%	0.10%	0.11%	0.00%
WV	657	137	63	75	0.73%	1.59%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	2.76%	1.72%	5.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	69,841	20,087	18,273	1,972	0.70%	0.68%	0.76%	0.17%	0.19%	0.00%	0.08%	0.09%	0.00%
24 States	66,725	19,591	17,908	1,820	0.67%	0.66%	0.77%	0.16%	0.18%	0.00%	0.08%	0.09%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the

The Maximum Contaminant Level (MCL) for 1,2-Dichloropropane is 5 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.24.a URCIS (Round 1) Data- 1,3-Dichloropropane Occurrence in Public Water System

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	659	530	134	0.15%	0.19%	0.00%				< 0.00
AL	131	93	42	0.00%	0.00%	0.00%				< 0.50
AR										
AZ	941	872	105	0.00%	0.00%	0.00%				< 5.00
CA	148	134	20	0.00%	0.00%	0.00%				< 0.50
CO	9	7	3	0.00%	0.00%	0.00%				< 5.00
DC	1		1	0.00%	0.00%	0.00%				< 0.50
DE	13	11	2	0.00%	0.00%	0.00%				< 0.50
FL	114	34	93	0.88%	0.00%	1.08%				< 0.00
GA	1,162	1,053	109	0.00%	0.00%	0.00%				< 0.50
HI	127	112	16	0.00%	0.00%	0.00%				< 0.30
IA	1,002	963	39	0.00%	0.00%	0.00%				< 1.00
IL	1,302	1,187	115	0.31%	0.34%	0.00%				< 1.00
IN	365	327	39	0.00%	0.00%	0.00%				< 2.00
KY	524	291	233	0.19%	0.00%	0.43%				< 1.00
LA	13	9	4	7.69%	11.11%	0.00%				3.00
MA										
MD	982	935	50	0.10%	0.11%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,3-Dichloropropane.			< 0.50
MI										
MN	1,553	1,529	28	0.00%	0.00%	0.00%				< 0.20
MO	85	71	14	1.18%	1.41%	0.00%				< 2.00
MS										
MT	565	523	57	0.18%	0.19%	0.00%				< 1.00
NC	297	254	44	0.34%	0.39%	0.00%				< 0.50
NE										
NH										
NJ	1,503	1,478	25	0.40%	0.41%	0.00%				< 1.00
NM	590	555	35	0.00%	0.00%	0.00%				< 1.00
NV	8	7	2	0.00%	0.00%	0.00%				< 0.20
NY	355	252	122	0.00%	0.00%	0.00%				< 1.00
OH	2,653	2,491	166	0.00%	0.00%	0.00%				< 1.00
SD	335	306	29	0.00%	0.00%	0.00%				< 0.50
TN	303	156	147	0.00%	0.00%	0.00%				< 0.50
TX										
UT	420	400	34	0.95%	1.00%	0.00%				< 2.50
VI	3		3	0.00%	0.00%	0.00%				< 1.00
VT	1	1		100.00%	100.00%	0.00%				0.50
WA	992	937	77	0.00%	0.00%	0.00%				< 0.50
WV	134	62	73	0.00%	0.00%	0.00%				< 4.00
WY	145	116	38	0.00%	0.00%	0.00%				< 0.60
TOTAL	17,435	15,696	1,899	0.13%	0.13%	0.11%				< 1.00
24 STATES	16,947	15,338	1,748	0.12%	0.12%	0.11%				< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.24.b URCIS (Round 1) Data- 1,3-Dichloropropane Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	659	1,600	1,314	286	0.06%	0.08%	0.00%	< 0.00	< 0.00	0.00	0.80	0.80
AL	131	351	244	107	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.80		
AR												
AZ	941	2,879	2,238	641	0.00%	0.00%	0.00%	< 0.10	< 5.00	< 10.00		
CA	148	1,063	1,010	53	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
CO	9	32	29	3	0.00%	0.00%	0.00%	< 0.04	< 5.00	< 5.00		
DC	1	62		62	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
FL	114	159	51	108	0.63%	0.00%	0.93%	< 0.00	< 0.00	1.00	1.00	1.00
GA	1,162	2,461	1,863	598	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 1.00		
IA	1,002	1,909	1,697	212	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
IL	1,302	6,001	5,034	967	0.10%	0.12%	0.00%	< 0.07	< 1.00	0.60	0.07	0.29
IN	365	1,933	1,512	421	0.00%	0.00%	0.00%	< 0.06	< 2.00	< 5.00		
KY	524	2,076	1,119	957	0.05%	0.00%	0.10%	< 0.50	< 1.00	3.30	3.30	3.30
LA	13	22	18	4	4.55%	5.56%	0.00%	< 0.50	3.00	3.00	3.00	3.00
MA												
MD	982	1,754	1,380	374	0.06%	0.07%	0.00%	< 0.10	< 0.50	0.10	0.10	0.10
MI												
MN	1,553	2,656	2,588	68	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 2.00		
MO	85	323	297	26	0.31%	0.34%	0.00%	< 0.20	< 2.00	1.00	1.00	1.00
MS												
MT	565	1,624	1,376	248	0.06%	0.07%	0.00%	< 0.50	< 1.00	2.00	2.00	2.00
NC	297	644	569	75	0.16%	0.18%	0.00%	< 0.50	< 0.50	0.90	0.90	0.90
NE												
NH												
NJ	1,503	3,142	2,783	359	0.29%	0.32%	0.00%	< 0.00	< 1.00	3.30	0.21	0.65
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	355	2,158	1,614	544	0.00%	0.00%	0.00%	< 0.14	< 1.00	< 10.00		
OH	2,653	15,951	15,034	917	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
SD	335	444	363	81	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	303	1,220	433	787	0.00%	0.00%	0.00%	< 0.03	< 0.50	< 0.50		
TX												
UT	420	1,310	1,199	111	0.61%	0.67%	0.00%	< 0.00	< 2.50	0.50	0.10	0.10
VI	3	10		10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1		100.00%	100.00%	0.00%	0.50	0.50	0.50	0.50	0.50
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	134	371	148	223	0.00%	0.00%	0.00%	< 0.10	< 4.00	< 5.00		
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.20	< 0.60	< 1.00		
TOTAL	17,435	59,753	50,710	9,043	0.05%	0.06%	0.02%	< 0.00	< 1.00	3.30	0.07	0.50
24 States	16,947	56,664	48,426	8,238	0.05%	0.06%	0.02%	< 0.00	< 1.00	3.30	0.07	0.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.24.c URCIS (Round 1) Data- 1,3-Dichloropropane Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,600	659	530	134	0.15%	0.19%	0.00%						
AL	351	131	93	42	0.00%	0.00%	0.00%						
AR													
AZ	2,879	941	872	105	0.00%	0.00%	0.00%						
CA	1,063	148	134	20	0.00%	0.00%	0.00%						
CO	32	9	7	3	0.00%	0.00%	0.00%						
DC	62	1		1	0.00%	0.00%	0.00%						
DE	333	13	11	2	0.00%	0.00%	0.00%						
FL	159	114	34	93	0.88%	0.00%	1.08%						
GA	2,461	1,162	1,053	109	0.00%	0.00%	0.00%						
HI	1,221	127	112	16	0.00%	0.00%	0.00%						
IA	1,909	1,002	963	39	0.00%	0.00%	0.00%						
IL	6,001	1,302	1,187	115	0.31%	0.34%	0.00%						
IN	1,933	365	327	39	0.00%	0.00%	0.00%						
KY	2,076	524	291	233	0.19%	0.00%	0.43%						
LA	22	13	9	4	7.69%	11.11%	0.00%						
MA													
MD	1,754	982	935	50	0.10%	0.11%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,3-Dichloropropane.					
MI													
MN	2,656	1,553	1,529	28	0.00%	0.00%	0.00%						
MO	323	85	71	14	1.18%	1.41%	0.00%						
MS													
MT	1,624	565	523	57	0.18%	0.19%	0.00%						
NC	644	297	254	44	0.34%	0.39%	0.00%						
NE													
NH													
NJ	3,142	1,503	1,478	25	0.40%	0.41%	0.00%						
NM	1,595	590	555	35	0.00%	0.00%	0.00%						
NV	148	8	7	2	0.00%	0.00%	0.00%						
NY	2,158	355	252	122	0.00%	0.00%	0.00%						
OH	15,951	2,653	2,491	166	0.00%	0.00%	0.00%						
SD	444	335	306	29	0.00%	0.00%	0.00%						
TN	1,220	303	156	147	0.00%	0.00%	0.00%						
TX													
UT	1,310	420	400	34	0.95%	1.00%	0.00%						
VI	10	3		3	0.00%	0.00%	0.00%						
VT	1	1	1		100.00%	100.00%	0.00%						
WA	3,987	992	937	77	0.00%	0.00%	0.00%						
WV	371	134	62	73	0.00%	0.00%	0.00%						
WY	313	145	116	38	0.00%	0.00%	0.00%						
TOTAL	59,753	17,435	15,696	1,899	0.13%	0.13%	0.11%						
24 States	56,664	16,947	15,338	1,748	0.12%	0.12%	0.11%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for la
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.25.a URCIS (Round 1) Data- 2,2-Dichloropropane Occurrence in Public Water System

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	660	531	134	0.00%	0.00%	0.00%				< 0.00
AL	131	93	42	0.00%	0.00%	0.00%				< 0.50
AR										
AZ	941	872	105	0.00%	0.00%	0.00%				< 5.00
CA	147	134	19	0.00%	0.00%	0.00%				< 0.50
CO	9	7	3	0.00%	0.00%	0.00%				< 5.00
DC	1	0	1	0.00%	0.00%	0.00%				< 0.50
DE	13	11	2	7.69%	9.09%	0.00%				< 0.50
FL	119	33	98	1.68%	3.03%	1.02%				1.00
GA	1,162	1,053	109	0.00%	0.00%	0.00%				< 0.50
HI	127	112	16	0.79%	0.89%	0.00%				< 0.50
IA	805	766	39	0.00%	0.00%	0.00%				< 1.00
IL	1,302	1,187	115	0.31%	0.34%	0.00%				< 1.00
IN	366	328	39	0.27%	0.30%	0.00%				< 2.00
KY	524	291	233	0.00%	0.00%	0.00%				< 1.00
LA	13	9	4	0.00%	0.00%	0.00%				< 0.50
MA										
MD	983	936	50	0.10%	0.11%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 2,2-Dichloropropane.			< 0.50
MI										
MN	1,553	1,529	28	0.00%	0.00%	0.00%				< 0.50
MO	85	71	14	0.00%	0.00%	0.00%				< 2.00
MS										
MT	565	523	57	0.00%	0.00%	0.00%				< 1.00
NC	297	254	44	1.01%	1.18%	0.00%				< 0.50
NE	1	1	0	100.00%	100.00%	0.00%				1.40
NH										
NJ	1,504	1,479	25	0.20%	0.20%	0.00%				< 1.00
NM	590	555	35	0.00%	0.00%	0.00%				< 1.00
NV	8	7	2	0.00%	0.00%	0.00%				< 0.20
NY	349	246	122	0.57%	0.41%	0.82%				< 1.00
OH	2,652	2,487	166	0.11%	0.08%	0.60%				< 1.00
SD	335	306	29	0.00%	0.00%	0.00%				< 0.50
TN	303	156	147	0.00%	0.00%	0.00%				< 0.50
TX										
UT	417	397	34	1.68%	1.26%	5.88%				< 5.00
VI	3		3	0.00%	0.00%	0.00%				< 1.00
VT	1	1	0	100.00%	100.00%	0.00%				3.60
WA	992	937	77	0.00%	0.00%	0.00%				< 0.50
WV	137	63	75	0.00%	0.00%	0.00%				< 4.00
WY	145	116	38	0.00%	0.00%	0.00%				< 0.60
TOTAL	17,240	15,491	1,905	0.17%	0.16%	0.26%				< 2.00
24 STATES	16,757	15,138	1,754	0.15%	0.14%	0.23%				< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.25.b URCIS (Round 1) Data- 2,2-Dichloropropane Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	660	1,602	1,316	286	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL	131	351	244	107	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
AR												
AZ	941	2,877	2,237	640	0.00%	0.00%	0.00%	< 0.20	< 5.00	< 30.00		
CA	147	1,063	1,011	52	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
CO	9	33	30	3	0.00%	0.00%	0.00%	< 0.19	< 5.00	< 5.00		
DC	1	62	0	62	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.60%	1.06%	0.00%	< 0.20	< 0.50	2.10	0.50	1.30
FL	119	161	50	111	1.24%	2.00%	0.90%	< 0.00	1.00	24.00	1.00	12.50
GA	1,162	2,462	1,864	598	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,221	1,081	140	0.08%	0.09%	0.00%	< 0.00	< 0.50	0.30	0.30	0.30
IA	805	1,211	1,035	176	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
IL	1,302	6,000	5,034	966	0.10%	0.12%	0.00%	< 0.10	< 1.00	61.00	0.17	0.34
IN	366	1,932	1,511	421	0.26%	0.33%	0.00%	< 0.05	< 2.00	8.64	0.66	1.25
KY	524	2,311	1,172	1,139	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA												
MD	983	1,755	1,381	374	0.06%	0.07%	0.00%	< 0.20	< 0.50	5.10	5.10	5.10
MI												
MN	1,553	2,657	2,589	68	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 5.00		
MO	85	323	297	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS												
MT	565	1,624	1,376	248	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
NC	297	644	569	75	0.78%	0.88%	0.00%	< 0.50	< 0.50	4.40	0.64	1.60
NE	1	1	1	0	100.00%	100.00%	0.00%	1.40	1.40	1.40	1.40	1.40
NH												
NJ	1,504	3,150	2,785	365	0.13%	0.14%	0.00%	< 0.00	< 1.00	1.10	0.40	0.90
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	349	2,113	1,571	542	0.24%	0.06%	0.74%	< 0.10	< 1.00	78.00	0.70	1.00
OH	2,652	15,788	14,925	863	0.02%	0.01%	0.12%	< 0.00	< 1.00	10.50	0.77	1.30
SD	335	444	363	81	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	303	1,220	433	787	0.00%	0.00%	0.00%	< 0.05	< 0.50	< 0.50		
TX												
UT	417	1,306	1,195	111	0.84%	0.75%	1.80%	< 0.10	< 5.00	1.00	0.50	0.50
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1	0	100.00%	100.00%	0.00%	3.60	3.60	3.60	3.60	3.60
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	137	390	164	226	0.00%	0.00%	0.00%	< 0.10	< 4.00	< 5.00		
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.20	< 0.60	< 1.00		
TOTAL	17,240	59,110	49,968	9,142	0.08%	0.08%	0.09%	< 0.00	< 2.00	78.00	0.17	0.77
24 States	16,757	56,064	47,725	8,339	0.07%	0.07%	0.05%	< 0.00	< 2.00	61.00	0.17	0.76

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.25.c URCIS (Round 1) Data- 2,2-Dichloropropane Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,602	660	531	134	0.00%	0.00%	0.00%						
AL	351	131	93	42	0.00%	0.00%	0.00%						
AR													
AZ	2,877	941	872	105	0.00%	0.00%	0.00%						
CA	1,063	147	134	19	0.00%	0.00%	0.00%						
CO	33	9	7	3	0.00%	0.00%	0.00%						
DC	62	1	0	1	0.00%	0.00%	0.00%						
DE	333	13	11	2	7.69%	9.09%	0.00%						
FL	161	119	33	98	1.68%	3.03%	1.02%						
GA	2,462	1,162	1,053	109	0.00%	0.00%	0.00%						
HI	1,221	127	112	16	0.79%	0.89%	0.00%						
IA	1,211	805	766	39	0.00%	0.00%	0.00%						
IL	6,000	1,302	1,187	115	0.31%	0.34%	0.00%						
IN	1,932	366	328	39	0.27%	0.30%	0.00%						
KY	2,311	524	291	233	0.00%	0.00%	0.00%						
LA	22	13	9	4	0.00%	0.00%	0.00%						
MA													
MD	1,755	983	936	50	0.10%	0.11%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 2,2-Dichloropropane.					
MI													
MN	2,657	1,553	1,529	28	0.00%	0.00%	0.00%						
MO	323	85	71	14	0.00%	0.00%	0.00%						
MS													
MT	1,624	565	523	57	0.00%	0.00%	0.00%						
NC	644	297	254	44	1.01%	1.18%	0.00%						
NE	1	1	1	0	100.00%	100.00%	0.00%						
NH													
NJ	3,150	1,504	1,479	25	0.20%	0.20%	0.00%						
NM	1,595	590	555	35	0.00%	0.00%	0.00%						
NV	148	8	7	2	0.00%	0.00%	0.00%						
NY	2,113	349	246	122	0.57%	0.41%	0.82%						
OH	15,788	2,652	2,487	166	0.11%	0.08%	0.60%						
SD	444	335	306	29	0.00%	0.00%	0.00%						
TN	1,220	303	156	147	0.00%	0.00%	0.00%						
TX													
UT	1,306	417	397	34	1.68%	1.26%	5.88%						
VI	10	3	0	3	0.00%	0.00%	0.00%						
VT	1	1	1	0	100.00%	100.00%	0.00%						
WA	3,987	992	937	77	0.00%	0.00%	0.00%						
WV	390	137	63	75	0.00%	0.00%	0.00%						
WY	313	145	116	38	0.00%	0.00%	0.00%						
TOTAL	59,110	17,240	15,491	1,905	0.17%	0.16%	0.26%						
24 States	56,064	16,757	15,138	1,754	0.15%	0.14%	0.23%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for la
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.26.a URCIS (Round 1) Data- 1,1-Dichloropropene Occurrence in Public Water System

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	660	531	134	0.00%	0.00%	0.00%				< 0.00
AL	131	93	42	6.11%	5.38%	7.14%				3.40
AR										
AZ	941	872	105	0.00%	0.00%	0.00%				< 1.00
CA	149	134	21	0.00%	0.00%	0.00%				< 0.50
CO	9	7	3	0.00%	0.00%	0.00%				< 5.00
DC	1	0	1	0.00%	0.00%	0.00%				< 0.50
DE	13	11	2	0.00%	0.00%	0.00%				< 0.50
FL	117	33	95	1.71%	0.00%	2.11%				1.00
GA	1,162	1,053	109	0.00%	0.00%	0.00%				< 0.50
HI	127	112	16	0.00%	0.00%	0.00%				< 0.30
IA	1,002	963	39	0.00%	0.00%	0.00%				< 1.00
IL	1,302	1,187	115	0.23%	0.25%	0.00%				< 1.00
IN	363	326	38	0.00%	0.00%	0.00%				< 2.00
KY	524	291	233	0.00%	0.00%	0.00%				< 1.00
LA	13	9	4	0.00%	0.00%	0.00%				< 0.50
MA	1	1	0	100.00%	100.00%	0.00%				0.90
MD	983	936	50	0.10%	0.00%	2.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,1-Dichloropropene.			< 0.50
MI										
MN	1,565	1,540	29	0.06%	0.06%	0.00%				< 0.20
MO	85	71	14	0.00%	0.00%	0.00%				< 2.00
MS	1	1	0	100.00%	100.00%	0.00%				0.50
MT	565	523	57	0.00%	0.00%	0.00%				< 1.00
NC	297	254	44	0.34%	0.39%	0.00%				< 0.50
NE										
NH										
NJ	1,504	1,479	25	0.07%	0.07%	0.00%				< 1.08
NM	590	555	35	0.00%	0.00%	0.00%				< 1.00
NV	8	7	2	0.00%	0.00%	0.00%				< 0.20
NY	344	242	121	0.29%	0.00%	0.83%				< 1.00
OH	2,634	2,473	162	0.04%	0.04%	0.00%				< 1.00
SD	335	306	29	0.00%	0.00%	0.00%				< 0.50
TN	303	156	147	0.00%	0.00%	0.00%				< 0.50
TX										
UT	419	399	34	0.95%	0.75%	2.94%				< 2.50
VI	3	0	3	0.00%	0.00%	0.00%				< 1.00
VT	1	1	0	100.00%	100.00%	0.00%				0.50
WA	992	937	77	0.00%	0.00%	0.00%				< 0.50
WV	137	63	75	0.00%	0.00%	0.00%				< 4.00
WY	145	116	38	0.00%	0.00%	0.00%				< 2.00
TOTAL	17,426	15,682	1,899	0.15%	0.11%	0.42%				< 1.00
24 STATES	16,947	15,332	1,749	0.13%	0.10%	0.40%				< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.26.b URCIS (Round 1) Data- 1,1-Dichloropropene Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	660	1,602	1,316	286	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL	131	351	244	107	3.13%	3.28%	2.80%	< 0.50	3.40	16.90	0.50	1.60
AR												
AZ	941	2,886	2,245	641	0.00%	0.00%	0.00%	< 0.10	< 1.00	< 10.00		
CA	149	1,065	1,010	55	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
CO	9	30	27	3	0.00%	0.00%	0.00%	< 0.08	< 5.00	< 5.00		
DC	1	62	0	62	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
FL	117	159	51	108	1.26%	0.00%	1.85%	< 0.00	1.00	1.00	1.00	1.00
GA	1,162	2,462	1,863	599	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA	1,002	1,909	1,697	212	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
IL	1,302	6,002	5,035	967	0.08%	0.10%	0.00%	< 0.04	< 1.00	0.50	0.04	0.24
IN	363	1,920	1,507	413	0.00%	0.00%	0.00%	< 0.06	< 2.00	< 5.00		
KY	524	2,076	1,119	957	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	1	7	7	0	100.00%	100.00%	0.00%	0.50	0.90	0.90	0.50	0.70
MD	983	1,755	1,381	374	0.06%	0.00%	0.27%	< 0.20	< 0.50	5.00	5.00	5.00
MI												
MN	1,565	2,757	2,678	79	0.04%	0.04%	0.00%	< 0.20	< 0.20	0.20	0.20	0.20
MO	85	321	295	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 0.00		
MS	1	1	1	0	100.00%	100.00%	0.00%	0.50	0.50	0.50	0.50	0.50
MT	565	1,624	1,376	248	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 0.00		
NC	297	644	569	75	0.16%	0.18%	0.00%	< 0.50	< 0.50	8.00	8.00	8.00
NE												
NH												
NJ	1,504	3,149	2,784	365	0.03%	0.04%	0.00%	< 0.00	< 1.08	1.00	1.00	1.00
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	344	2,095	1,552	543	0.10%	0.00%	0.37%	< 0.10	< 1.00	0.80	0.80	0.80
OH	2,634	15,512	14,707	805	0.01%	0.01%	0.00%	< 0.20	< 1.00	1.00	1.00	1.00
SD	335	444	363	81	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	303	1,220	433	787	0.00%	0.00%	0.00%	< 0.02	< 0.50	< 0.50		
TX												
UT	419	1,318	1,206	112	0.61%	0.58%	0.89%	< 0.10	< 2.50	1.00	0.10	0.10
VI	3	9	0	9	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1	0	100.00%	100.00%	0.00%	0.50	0.50	0.50	0.50	0.50
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	137	390	164	226	0.00%	0.00%	0.00%	< 0.20	< 4.00	< 4.00		
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
TOTAL	17,426	59,390	50,445	8,945	0.07%	0.07%	0.10%	< 0.00	< 1.00	16.90	0.04	0.70
24 States	16,947	56,361	48,219	8,142	0.06%	0.05%	0.09%	< 0.00	< 1.00	16.90	0.04	0.80

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.26.c URCIS (Round 1) Data- 1,1-Dichloropropene Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,602	660	531	134	0.00%	0.00%	0.00%						
AL	351	131	93	42	6.11%	5.38%	7.14%						
AR													
AZ	2,886	941	872	105	0.00%	0.00%	0.00%						
CA	1,065	149	134	21	0.00%	0.00%	0.00%						
CO	30	9	7	3	0.00%	0.00%	0.00%						
DC	62	1	0	1	0.00%	0.00%	0.00%						
DE	333	13	11	2	0.00%	0.00%	0.00%						
FL	159	117	33	95	1.71%	0.00%	2.11%						
GA	2,462	1,162	1,053	109	0.00%	0.00%	0.00%						
HI	1,221	127	112	16	0.00%	0.00%	0.00%						
IA	1,909	1,002	963	39	0.00%	0.00%	0.00%						
IL	6,002	1,302	1,187	115	0.23%	0.25%	0.00%						
IN	1,920	363	326	38	0.00%	0.00%	0.00%						
KY	2,076	524	291	233	0.00%	0.00%	0.00%						
LA	22	13	9	4	0.00%	0.00%	0.00%						
MA	7	1	1	0	100.00%	100.00%	0.00%						
MD	1,755	983	936	50	0.10%	0.00%	2.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,1-Dichloropropene.					
MI													
MN	2,757	1,565	1,540	29	0.06%	0.06%	0.00%						
MO	321	85	71	14	0.00%	0.00%	0.00%						
MS	1	1	1	0	100.00%	100.00%	0.00%						
MT	1,624	565	523	57	0.00%	0.00%	0.00%						
NC	644	297	254	44	0.34%	0.39%	0.00%						
NE													
NH													
NJ	3,149	1,504	1,479	25	0.07%	0.07%	0.00%						
NM	1,595	590	555	35	0.00%	0.00%	0.00%						
NV	148	8	7	2	0.00%	0.00%	0.00%						
NY	2,095	344	242	121	0.29%	0.00%	0.83%						
OH	15,512	2,634	2,473	162	0.04%	0.04%	0.00%						
SD	444	335	306	29	0.00%	0.00%	0.00%						
TN	1,220	303	156	147	0.00%	0.00%	0.00%						
TX													
UT	1,318	419	399	34	0.95%	0.75%	2.94%						
VI	9	3	0	3	0.00%	0.00%	0.00%						
VT	1	1	1	0	100.00%	100.00%	0.00%						
WA	3,987	992	937	77	0.00%	0.00%	0.00%						
WV	390	137	63	75	0.00%	0.00%	0.00%						
WY	313	145	116	38	0.00%	0.00%	0.00%						
TOTAL	59,390	17,426	15,682	1,899	0.15%	0.11%	0.42%						
24 States	56,361	16,947	15,332	1,749	0.13%	0.10%	0.40%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for la
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.27.a URCIS (Round 1) Data- 1,3-Dichloropropene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
AK	656	527	134	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	131	93	42	0.76%	1.08%	0.00%	0.00%	0.00%	0.00%	< 0.50
AR										
AZ										
CA	259	227	46	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
CO	5	4	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
DC										
DE	9	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.80
FL										
GA										
HI										
IA	745	716	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
IL	258	185	73	0.78%	0.00%	2.74%	0.00%	0.00%	0.00%	< 2.00
IN	146	121	25	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
KY										
LA	1	1	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	2	2	1	50.00%	50.00%	100.00%	0.00%	0.00%	0.00%	17.00
MD	978	935	43	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MI										
MN										
MO	85	71	14	1.18%	1.41%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS										
MT	20	11	9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
NC	297	254	44	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NE										
NH										
NJ	1,455	1,430	25	0.21%	0.14%	4.00%	0.00%	0.00%	0.00%	< 1.00
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	7	6	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	29	5	26	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
OH	2,532	2,384	150	0.08%	0.08%	0.00%	0.00%	0.00%	0.00%	< 1.00
SD	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TX	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	12.00
UT	400	382	29	1.75%	1.31%	6.90%	0.00%	0.00%	0.00%	< 10.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT										
WA										
WV	58	20	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	1	1	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TOTAL	9,307	8,401	947	0.20%	0.17%	0.63%	0.00%	0.00%	0.00%	
24 STATES	9,164	8,303	898	0.16%	0.12%	0.56%	0.00%	0.00%	0.00%	

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type);
MRL= Minimum Reporting Limit (for laboratory analyses)
The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assig
"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.
The Health Reference Level (HRL) used for 1,3-Dichloropropene is 40 µg/L. This is a draft value for working review only.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.27.b URCIS (Round 1) Data- 1,3-Dichloropropene Occurrence in Public Water Systems- Based on Number of Samp

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	656	1,568	1,283	285	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL	131	351	244	107	0.28%	0.41%	0.00%	< 0.50	< 0.50	1.60	1.60	1.60
AR												
AZ												
CA	259	1,994	1,862	132	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 2.00		
CO	5	15	14	1	0.00%	0.00%	0.00%	< 0.08	< 5.00	< 5.00		
DC												
DE	9	280	145	135	0.00%	0.00%	0.00%	< 0.50	< 0.80	< 0.80		
FL												
GA												
HI												
IA	745	1,055	952	103	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
IL	258	938	624	314	0.21%	0.00%	0.64%	< 0.02	< 2.00	2.00	1.20	1.60
IN	146	819	618	201	0.00%	0.00%	0.00%	< 0.02	< 1.00	< 1.00		
KY												
LA	1	1	1	0	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	2	8	5	3	75.00%	60.00%	100.00%	< 0.00	####	17.00	0.50	1.85
MD	978	1,582	1,275	307	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MI												
MN												
MO	85	324	298	26	0.31%	0.34%	0.00%	< 0.20	< 2.00	0.20	0.20	0.20
MS												
MT	20	35	16	19	0.00%	0.00%	0.00%	< 0.50	< 2.00	< 2.00		
NC	297	644	569	75	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
NE												
NH												
NJ	1,455	3,067	2,706	361	0.10%	0.07%	0.28%	< 0.00	< 1.00	1.40	1.00	1.30
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	7	125	115	10	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	29	104	28	76	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 1.00		
OH	2,532	14,328	13,659	669	0.01%	0.01%	0.00%	< 0.00	< 1.00	1.00	1.00	1.00
SD	335	444	363	81	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	303	1,220	433	787	0.00%	0.00%	0.00%	< 0.02	< 0.50	< 0.50		
TX	2	2	2	0	100.00%	100.00%	0.00%	2.00	####	12.00	2.00	7.00
UT	400	1,259	1,154	105	0.95%	0.78%	2.86%	< 0.00	< ####	1.90	0.50	0.50
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT												
WA												
WV	58	204	61	143	0.00%	0.00%	0.00%	< 0.20	< 4.00	< 4.00		
WY	1	1	1	0	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TOTAL	9,307	31,973	27,903	4,070	0.09%	0.07%	0.22%	< 0.00	< 1.00	17.00	0.20	1.00
24 STATES	9,164	31,104	27,295	3,809	0.06%	0.05%	0.16%	< 0.00	< 1.00	2.00	0.50	1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting L
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.27.c URCIS (Round 1) Data- 1,3-Dichloropropene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK	1,568	656	527	134	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	351	131	93	42	0.76%	1.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ													
CA	1,994	259	227	46	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	15	5	4	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC													
DE	280	9	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL													
GA													
HI													
IA	1,055	745	716	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	938	258	185	73	0.78%	0.00%	2.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	819	146	121	25	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY													
LA	1	1	1	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	8	2	2	1	50.00%	50.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,582	978	935	43	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI													
MN													
MO	324	85	71	14	1.18%	1.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
MT	35	20	11	9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE													
NH													
NJ	3,067	1,455	1,430	25	0.21%	0.14%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	125	7	6	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	104	29	5	26	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	14,328	2,532	2,384	150	0.08%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	444	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,220	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	2	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
UT	1,259	400	382	29	1.75%	1.31%	6.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT													
WA													
WV	204	58	20	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	1	1	1	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	31,973	9,307	8,401	947	0.20%	0.17%	0.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24 STATES	31,104	9,164	8,303	898	0.16%	0.12%	0.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for la
The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.
"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.
The Health Reference Level (HRL) used for 1,3-Dichloropropene is 40 µg/L. This is a draft value for working review only.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.28.a URCIS (Round 1) Data- Ethyl Benzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	731	593	144	4.92%	4.22%	8.33%	0.00%	0.00%	0.00%	1.20
AL	131	93	42	9.92%	9.68%	9.52%	0.00%	0.00%	0.00%	6.70
AR	3	2	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	10.3
AZ	943	873	105	0.11%	0.00%	0.95%	0.00%	0.00%	0.00%	< 5.00
CA	3,517	3,491	38	0.82%	0.74%	7.89%	0.00%	0.00%	0.00%	< 5.00
CO	21	12	10	52.38%	41.67%	60.00%	0.00%	0.00%	0.00%	510.00
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
FL	252	50	226	11.90%	12.00%	10.62%	0.00%	0.00%	0.00%	6.00
GA	1,162	1,053	109	0.43%	0.47%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA	1,002	963	39	2.10%	1.97%	5.13%	0.00%	0.00%	0.00%	0.60
IL	1,300	1,186	114	1.31%	1.18%	2.63%	0.00%	0.00%	0.00%	< 1.00
IN	369	331	39	1.08%	0.91%	2.56%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	2.10%	2.06%	2.15%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	9	8	2	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	41.00
MD	844	798	51	1.07%	0.63%	7.84%	0.00%	0.00%	0.00%	< 1.00
MI	14	12	2	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	680.00
MN	1,565	1,540	29	3.26%	3.18%	6.90%	0.00%	0.00%	0.00%	0.30
MO	85	71	14	7.06%	8.45%	0.00%	0.00%	0.00%	0.00%	4.00
MS	22	22	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	15.60
MT	565	523	57	0.71%	0.76%	0.00%	0.00%	0.00%	0.00%	< 1.00
NC	298	255	44	6.71%	7.84%	0.00%	0.00%	0.00%	0.00%	4.60
NE	19	19	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	31.20
NH	11	11	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	39.00
NJ	1,514	1,489	25	0.59%	0.60%	0.00%	0.00%	0.00%	0.00%	< 1.00
NM	590	555	35	0.85%	0.90%	0.00%	0.00%	0.00%	0.00%	< 5.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	357	253	123	1.40%	0.79%	2.44%	0.00%	0.00%	0.00%	< 1.00
OH	2,655	2,492	167	1.21%	1.20%	1.20%	0.00%	0.00%	0.00%	< 1.00
SD										
TN	303	156	147	0.66%	0.00%	1.36%	0.00%	0.00%	0.00%	< 0.50
TX	23	18	5	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	66.00
UT	415	395	34	1.69%	1.52%	2.94%	0.00%	0.00%	0.00%	< 10.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	5	3	2	60.00%	100.00%	0.00%	0.00%	0.00%	0.00%	5.00
WA	992	937	77	0.91%	0.85%	1.30%	0.00%	0.00%	0.00%	< 0.50
WV	137	63	75	1.46%	1.59%	1.33%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	5.52%	6.03%	2.63%	0.00%	0.00%	0.00%	1.20
TOTAL	20,688	18,813	2,055	2.18%	1.94%	4.28%	0.00%	0.00%	0.00%	< 5.00
24 STATES	20,081	18,355	1,884	1.62%	1.40%	3.66%	0.00%	0.00%	0.00%	< 5.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Ethyl Benzene is 700 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.28.b URCIS (Round 1) Data- Ethyl Benzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	731	2,014	1,703	311	2.48%	2.00%	5.14%	< 0.00	1.20	270.00	0.10	0.65
AL	131	354	246	108	4.80%	5.28%	3.70%	< 0.08	6.70	13.90	0.08	2.00
AR	3	7	4	3	100.00%	100.00%	100.00%	0.4	10.3	10.3	0.40	0.50
AZ	943	2,921	2,262	659	0.03%	0.00%	0.15%	< 0.05	< 5.00	7.00	7.00	7.00
CA	3,517	11,486	11,384	102	0.38%	0.36%	2.94%	< 0.00	< 5.00	100.00	0.20	1.69
CO	21	49	36	13	28.57%	13.89%	69.23%	< 0.00	510.00	510.00	0.38	2.18
DC	1	61	0	61	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.60		
FL	252	369	82	287	9.21%	8.54%	9.41%	< 0.00	6.00	56.00	0.01	2.60
GA	1,162	2,463	1,864	599	0.20%	0.27%	0.00%	< 0.50	< 0.50	2.30	0.80	1.10
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA	1,002	1,929	1,717	212	1.19%	1.22%	0.94%	< 0.20	0.60	4.00	0.50	1.00
IL	1,300	5,334	4,331	1,003	0.37%	0.39%	0.30%	< 0.02	< 1.00	9.40	0.02	0.65
IN	369	1,941	1,520	421	0.52%	0.53%	0.48%	< 0.06	< 2.00	1.60	0.54	0.55
KY	524	2,312	1,172	1,140	0.87%	0.51%	1.23%	< 0.50	< 1.00	85.00	1.00	2.50
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	9	16	13	3	100.00%	100.00%	100.00%	0.06	41.00	41.00	0.06	0.53
MD	844	1,786	1,306	480	0.67%	0.46%	1.25%	< 0.10	< 1.00	4.00	0.10	0.30
MI	14	29	20	9	100.00%	100.00%	100.00%	1.00	680.00	680.00	1.00	5.00
MN	1,565	2,750	2,671	79	2.07%	2.02%	3.80%	< 0.10	0.30	1.40	0.10	0.30
MO	85	323	297	26	4.33%	4.71%	0.00%	< 0.20	4.00	33.20	1.00	3.20
MS	22	25	25	0	100.00%	100.00%	0.00%	0.40	15.60	15.60	0.40	1.00
MT	565	1,623	1,376	247	0.49%	0.58%	0.00%	< 0.50	< 1.00	1.70	0.60	1.70
NC	298	645	570	75	3.72%	4.21%	0.00%	< 0.09	4.60	14.50	0.09	1.72
NE	19	21	21	0	100.00%	100.00%	#DIV/0!	0.20	31.20	31.20	0.20	0.50
NH	11	13	13	0	100.00%	100.00%	0.00%	0.60	39.00	39.00	0.60	1.20
NJ	1,514	3,158	2,793		0.44%	0.50%	0.00%	< 0.00	< 1.00	130.00	0.45	0.63
NM	590	1,595	1,475	120	0.75%	0.81%	0.00%	< 0.00	< 5.00	3.30	0.40	1.55
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	357	2,092	1,566	526	0.33%	0.26%	0.57%	< 0.06	< 1.00	8.00	0.80	2.60
OH	2,655	16,087	15,167	920	0.30%	0.30%	0.33%	< 0.00	< 1.00	36.20	0.50	1.15
SD												
TN	303	1,220	433	787	0.16%	0.00%	0.25%	< 0.00	< 0.50	0.70	0.50	0.60
TX	23	34	29	5	100.00%	100.00%	100.00%	0.90	66.00	66.00	0.90	3.10
UT	415	1,286	1,174	112	0.86%	0.85%	0.89%	< 0.00	< 10.00	4.00	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	5	7	5	2	57.14%	80.00%	0.00%	< 0.00	5.00	5.00	0.50	2.40
WA	992	3,987	3,656	331	0.23%	0.22%	0.30%	< 0.50	< 0.50	12.00	0.50	1.30
WV	137	389	164	225	0.51%	0.61%	0.44%	< 0.20	< 4.00	3.00	1.20	2.10
WY	145	313	259	54	3.19%	3.47%	1.85%	< 0.20	1.20	8.50	0.20	0.65
TOTAL	20,688	70,373	60,778	9,595	0.88%	0.81%	1.27%	< 0.00	< 5.00	680.00	0.01	1.00
24 States	20,081	67,183	58,406	8,412	0.64%	0.59%	1.07%	< 0.00	< 5.00	270.00	0.01	1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.28.c URCIS (Round 1) Data- Ethyl Benzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	2,014	731	593	144	4.92%	4.22%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	354	131	93	42	9.92%	9.68%	9.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR	7	3	2	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	2,921	943	873	105	0.11%	0.00%	0.95%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	11,486	3,517	3,491	38	0.82%	0.74%	7.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	49	21	12	10	52.38%	41.67%	60.00%	4.76%	8.33%	0.00%	0.00%	0.00%	0.00%
DC	61	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	369	252	50	226	11.90%	12.00%	10.62%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,463	1,162	1,053	109	0.43%	0.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,929	1,002	963	39	2.10%	1.97%	5.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	5,334	1,300	1,186	114	1.31%	1.18%	2.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,941	369	331	39	1.08%	0.91%	2.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,312	524	291	233	2.10%	2.06%	2.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	16	9	8	2	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,786	844	798	51	1.07%	0.63%	7.84%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	29	14	12	2	100.00%	100.00%	100.00%	7.14%	8.33%	0.00%	0.00%	0.00%	0.00%
MN	2,750	1,565	1,540	29	3.26%	3.18%	6.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	323	85	71	14	7.06%	8.45%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	25	22	22	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT	1,623	565	523	57	0.71%	0.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	645	298	255	44	6.71%	7.84%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE	21	19	19	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	13	11	11	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	3,158	1,514	1,489	25	0.59%	0.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.85%	0.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,092	357	253	123	1.40%	0.79%	2.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	16,087	2,655	2,492	167	1.21%	1.20%	1.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	1,220	303	156	147	0.66%	0.00%	1.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	34	23	18	5	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
UT	1,286	415	395	34	1.69%	1.52%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	7	5	3	2	60.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	0.91%	0.85%	1.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	389	137	63	75	1.46%	1.59%	1.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	5.52%	6.03%	2.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	70,373	20,688	18,813	2,055	2.18%	1.94%	4.28%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%
24 States	67,183	20,081	18,355	1,884	1.62%	1.40%	3.66%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the
The Maximum Contaminant Level (MCL) for Ethyl Benzene is 700 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.29.a URCIS (Round 1) Data- Hexachlorobutadiene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
AK	665	540	130	1.50%	1.48%	1.54%	0.00%	0.00%	0.00%	< 0.00
AL	131	93	42	3.05%	4.30%	0.00%	1.53%	2.15%	0.00%	0.50
AR										
AZ	448	407	47	0.89%	0.74%	2.13%	0.22%	0.00%	2.13%	< 2.00
CA	585	571	21	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 6.00
CO	6	3	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.64
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	10	8	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
FL	112	7	105	5.36%	0.00%	5.71%	5.36%	0.00%	5.71%	5.00
GA										
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA										
IL	213	149	64	0.47%	0.67%	0.00%	0.00%	0.00%	0.00%	< 2.00
IN	357	321	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA										
MD	983	936	50	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%	< 0.50
MI										
MN	1,553	1,529	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 20.00
MS										
MT										
NC	297	254	44	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NE										
NH										
NJ	801	790	11	0.75%	0.76%	0.00%	0.25%	0.25%	0.00%	< 1.20
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	356	252	123	0.28%	0.40%	0.00%	0.28%	0.40%	0.00%	< 5.00
OH	2,655	2,493	166	0.11%	0.12%	0.00%	0.08%	0.08%	0.00%	< 2.00
SD	335	306	29	0.30%	0.33%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	303	156	147	0.33%	0.64%	0.00%	0.33%	0.64%	0.00%	< 0.50
TX	2	2	0	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%	8.00
UT	411	391	34	1.22%	1.02%	2.94%	0.00%	0.00%	0.00%	< 5.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT										
WA	992	937	77	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	57	26	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
TOTAL	12,768	11,332	1,538	0.36%	0.32%	0.65%	0.12%	0.07%	0.46%	< 5.00
24 STATES	12,284	10,980	1,385	0.35%	0.30%	0.72%	0.11%	0.06%	0.51%	< 5.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Hexachlorobutadiene is 0.9 µg/L. This is a draft value for working review only.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.29.b URCIS (Round 1) Data- Hexachlorobutadiene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	665	1,745	1,480	265	0.63%	0.61%	0.75%	< 0.00	< 0.00	0.30	0.20	0.20
AL	131	351	244	107	1.14%	1.64%	0.00%	< 0.50	0.50	1.00	0.50	0.85
AR												
AZ	448	1,104	940	164	0.63%	0.32%	2.44%	< 0.05	< 2.00	10.00	0.05	10.00
CA	585	2,005	1,949	56	0.00%	0.00%	0.00%	< 0.00	< 6.00	< 10.00		
CO	6	9	5	4	0.00%	0.00%	0.00%	< 0.00	< 0.64	< 0.64		
DC	1	48	0	48	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	10	53	44	9	0.00%	0.00%	0.00%	< 0.40	< 0.50	< 0.50		
FL	112	130	10	120	4.62%	0.00%	5.00%	< 0.00	5.00	10.00	1.00	5.00
GA												
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA												
IL	213	728	485	243	0.55%	0.82%	0.00%	< 0.05	< 2.00	0.17	0.05	0.17
IN	357	1,889	1,486	403	0.00%	0.00%	0.00%	< 0.09	< 2.00	< 5.00		
KY	524	2,076	1,119	957	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA												
MD	983	1,750	1,376	374	0.06%	0.07%	0.00%	< 0.10	< 0.50	0.10	0.10	0.10
MI												
MN	1,553	2,654	2,586	68	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 5.00		
MO	85	323	297	26	0.00%	0.00%	0.00%	< 0.20	< 20.00	< 20.00		
MS												
MT												
NC	297	644	569	75	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
NE												
NH												
NJ	801	1,630	1,443	187	0.37%	0.42%	0.00%	< 0.00	< 1.20	1.00	0.05	0.12
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	356	2,095	1,560	535	0.05%	0.06%	0.00%	< 0.11	< 5.00	3.00	3.00	3.00
OH	2,655	15,951	15,038	913	0.02%	0.02%	0.00%	< 0.20	< 2.00	2.00	0.50	2.00
SD	335	444	363	81	0.23%	0.28%	0.00%	< 0.16	< 0.50	0.16	0.16	0.16
TN	303	1,220	433	787	0.08%	0.23%	0.00%	< 0.02	< 0.50	4.20	4.20	4.20
TX	2	2	2	0	100.00%	100.00%	0.00%	6.00	8.00	8.00	6.00	7.00
UT	411	1,233	1,128	105	0.73%	0.71%	0.95%	< 0.10	< 5.00	0.20	0.10	0.20
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT												
WA	992	3,987	3,656	331	0.03%	0.03%	0.00%	< 0.50	< 0.50	0.60	0.60	0.60
WV	57	169	64	105	0.00%	0.00%	0.00%	< 0.50	< 4.00	< 4.00		
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.60	< 2.00	< 2.00		
TOTAL	12,768	45,549	39,246	6,303	0.13%	0.11%	0.21%	< 0.00	< 5.00	10.00	0.05	0.30
24 STATES	12,284	42,839	37,184	5,655	0.13%	0.11%	0.23%	< 0.00	< 5.00	10.00	0.05	0.25

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.29.c URCIS (Round 1) Data- Hexachlorobutadiene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK	1,745	665	540	130	1.50%	1.48%	1.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	351	131	93	42	3.05%	4.30%	0.00%	3.05%	4.30%	0.00%	1.53%	2.15%	0.00%
AR													
AZ	1,104	448	407	47	0.89%	0.74%	2.13%	0.67%	0.49%	2.13%	0.22%	0.00%	2.13%
CA	2,005	585	571	21	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	9	6	3	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	48	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	53	10	8	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	130	112	7	105	5.36%	0.00%	5.71%	5.36%	0.00%	5.71%	5.36%	0.00%	5.71%
GA													
HI	1,221	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA													
IL	728	213	149	64	0.47%	0.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,889	357	321	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,076	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA													
MD	1,750	983	936	50	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI													
MN	2,654	1,553	1,529	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	323	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
MT													
NC	644	297	254	44	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE													
NH													
NJ	1,630	801	790	11	0.75%	0.76%	0.00%	0.25%	0.25%	0.00%	0.25%	0.25%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,095	356	252	123	0.28%	0.40%	0.00%	0.28%	0.40%	0.00%	0.28%	0.40%	0.00%
OH	15,951	2,655	2,493	166	0.11%	0.12%	0.00%	0.11%	0.12%	0.00%	0.08%	0.08%	0.00%
SD	444	335	306	29	0.30%	0.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,220	303	156	147	0.33%	0.64%	0.00%	0.33%	0.64%	0.00%	0.33%	0.64%	0.00%
TX	2	2	2	0	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%
UT	1,233	411	391	34	1.22%	1.02%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT													
WA	3,987	992	937	77	0.10%	0.11%	0.00%	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%
WV	169	57	26	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	45,549	12,768	11,332	1,538	0.36%	0.32%	0.65%	0.18%	0.14%	0.46%	0.12%	0.07%	0.46%
24 STATES	42,839	12,284	10,980	1,385	0.35%	0.30%	0.72%	0.16%	0.12%	0.51%	0.11%	0.06%	0.51%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.
"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.
The Health Reference Level (HRL) used for Hexachlorobutadiene is 0.9 µg/L. This is a draft value for working review only.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.30.a URCIS (Round 1) Data- Isopropylbenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	671	545	131	1.64%	2.02%	0.00%				< 0.00
AL	131	93	42	1.53%	1.08%	2.38%				< 0.50
AR										
AZ	440	402	44	0.23%	0.25%	0.00%				< 1.00
CA	144	132	18	0.69%	0.76%	0.00%				< 0.50
CO	7	4	4	42.86%	50.00%	25.00%				1.85
DC	1		1	0.00%	0.00%	0.00%				< 0.50
DE	10	8	2	0.00%	0.00%	0.00%				< 0.40
FL										
GA	1,162	1,053	109	0.09%	0.09%	0.00%				< 0.50
HI										
IA										
IL	213	149	64	0.47%	0.67%	0.00%				< 2.00
IN	357	321	37	0.00%	0.00%	0.00%				< 2.00
KY	524	291	233	0.38%	0.69%	0.00%				< 1.00
LA	13	9	4	0.00%	0.00%	0.00%				< 0.50
MA	1	1		100.00%	100.00%	0.00%				1.80
MD	983	936	50	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Isopropylbenzene.			< 0.50
MI										
MN	1,565	1,540	29	0.00%	0.00%	0.00%				< 1.00
MO	85	71	14	0.00%	0.00%	0.00%				< 2.00
MS	3	3		100.00%	100.00%	0.00%				1.00
MT										
NC	297	254	44	0.67%	0.79%	0.00%				< 0.50
NE	2	2	11	100.00%	100.00%	0.00%				1.40
NH	1	1		100.00%	100.00%	0.00%				1.70
NJ	795	784		0.50%	0.51%	0.00%				< 1.00
NM	590	555	35	0.00%	0.00%	0.00%				< 1.00
NV	8	7	2	0.00%	0.00%	0.00%				< 0.20
NY	356	252	123	0.28%	0.00%	0.81%				< 1.00
OH	2,656	2,493	167	0.19%	0.16%	0.60%				< 2.00
SD	335	306	29	0.00%	0.00%	0.00%				< 0.50
TN	303	156	147	0.00%	0.00%	0.00%				< 0.50
TX	1		1	1	0	1				2.60
UT	411	391	34	0.97%	0.77%	2.94%				< 5.00
VI	3		3	0.00%	0.00%	0.00%				< 1.00
VT										
WA	992	937	77	0.00%	0.00%	0.00%				< 0.50
WV	57	26	31	0.00%	0.00%	0.00%				< 4.00
WY	145	116	38	0.69%	0.86%	0.00%				< 1.00
TOTAL	13,262	11,838	1,524	0.35%	0.35%	0.39%				< 2.00
24 STATES	12,771	11,480	1,359	0.27%	0.28%	0.22%				< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.30.b URCIS (Round 1) Data- Isopropylbenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	671	1,767	1,496	271	0.74%	0.87%	0.00%	< 0.00	< 0.00	6.00	0.20	0.90
AL	131	351	244	107	0.85%	0.41%	1.87%	< 0.50	< 0.50	2.27	0.90	1.21
AR												
AZ	440	1,056	900	156	0.09%	0.11%	0.00%	< 0.10	< 1.00	5.00	0.90	0.90
CA	144	1,118	1,067	51	0.72%	0.75%	0.00%	< 0.00	< 0.50	10.00	0.61	1.30
CO	7	10	6	4	30.00%	33.33%	25.00%	< 0.15	1.85	1.85	0.38	1.60
DC	1	48	0	48	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
DE	10	53	44	9	0.00%	0.00%	0.00%	< 0.20	< 0.40	< 0.40		
FL												
GA	1,162	2,461	1,864	597	0.04%	0.05%	0.00%	< 0.50	< 0.50	1.10	1.10	1.10
HI												
IA												
IL	213	728	485	243	0.55%	0.82%	0.00%	< 0.01	< 2.00	2.00	0.01	0.15
IN	357	1,889	1,486	403	0.00%	0.00%	0.00%	< 0.10	< 2.00	< 5.00		
KY	524	2,076	1,119	957	0.10%	0.18%	0.00%	< 0.50	< 1.00	5.00	4.00	4.50
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	1	1	1	0	100.00%	100.00%	0.00%	1.80	1.80	1.80	1.80	1.80
MD	983	1,749	1,375	374	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 1.00		
MI												
MN	1,565	2,755	2,676	79	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 5.00		
MO	85	323	297	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	3	3	3	0	100.00%	100.00%	0.00%	0.60	1.00	1.00	0.60	0.70
MT												
NC	297	644	569	75	0.31%	0.35%	0.00%	< 0.50	< 0.50	3.30	0.73	2.02
NE	2	3	3	0	100.00%	100.00%	0.00%	0.30	1.40	1.40	0.30	0.60
NH	1	2	2	0	100.00%	100.00%	0.00%	1.30	1.70	1.70	1.30	1.50
NJ	795	1,624	1,437	187	0.25%	0.28%	0.00%	< 0.00	< 1.00	1.00	0.02	0.48
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	356	2,088	1,559	529	0.05%	0.00%	0.19%	< 0.10	< 1.00	10.00	0.20	0.20
OH	2,656	16,087	15,167	920	0.03%	0.03%	0.11%	< 0.20	< 2.00	2.40	1.00	1.10
SD	335	444	363	81	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	303	1,220	433	787	0.00%	0.00%	0.00%	< 0.05	< 0.50	< 0.50		
TX	1	1	0	1	100.00%	0.00%	100.00%	2.60	2.60	2.60	2.60	2.60
UT	411	1,234	1,129	105	0.65%	0.62%	0.95%	< 0.00	< 5.00	10.00	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT												
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	57	169	64	105	0.00%	0.00%	0.00%	< 0.50	< 4.00	< 4.00		
WY	145	313	259	54	0.64%	0.77%	0.00%	< 0.20	< 1.00	1.30	0.20	0.75
TOTAL	13,262	45,979	39,333	6,646	0.15%	0.15%	0.11%	< 0.00	< 2.00	10.00	0.01	0.94
24 States	12,771	43,267	37,264	6,003	0.12%	0.13%	0.07%	< 0.00	< 2.00	10.00	0.01	0.90

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.30.c URCIS (Round 1) Data- Isopropylbenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,767	671	545	131	1.64%	2.02%	0.00%						
AL	351	131	93	42	1.53%	1.08%	2.38%						
AR													
AZ	1,056	440	402	44	0.23%	0.25%	0.00%						
CA	1,118	144	132	18	0.69%	0.76%	0.00%						
CO	10	7	4	4	42.86%	50.00%	25.00%						
DC	48	1	0	1	0.00%	0.00%	0.00%						
DE	53	10	8	2	0.00%	0.00%	0.00%						
FL													
GA	2,461	1,162	1,053	109	0.09%	0.09%	0.00%						
HI													
IA													
IL	728	213	149	64	0.47%	0.67%	0.00%						
IN	1,889	357	321	37	0.00%	0.00%	0.00%						
KY	2,076	524	291	233	0.38%	0.69%	0.00%						
LA	22	13	9	4	0.00%	0.00%	0.00%						
MA	1	1	1	0	100.00%	100.00%	0.00%						
MD	1,749	983	936	50	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Isopropylbenzene.					
MI													
MN	2,755	1,565	1,540	29	0.00%	0.00%	0.00%						
MO	323	85	71	14	0.00%	0.00%	0.00%						
MS	3	3	3	0	100.00%	100.00%	0.00%						
MT													
NC	644	297	254	44	0.67%	0.79%	0.00%						
NE	3	2	2	11	100.00%	100.00%	0.00%						
NH	2	1	1	0	100.00%	100.00%	0.00%						
NJ	1,624	795	784	0	0.50%	0.51%	0.00%						
NM	1,595	590	555	35	0.00%	0.00%	0.00%						
NV	148	8	7	2	0.00%	0.00%	0.00%						
NY	2,088	356	252	123	0.28%	0.00%	0.81%						
OH	16,087	2,656	2,493	167	0.19%	0.16%	0.60%						
SD	444	335	306	29	0.00%	0.00%	0.00%						
TN	1,220	303	156	147	0.00%	0.00%	0.00%						
TX	1	1	0	1	100.00%	0.00%	100.00%						
UT	1,234	411	391	34	0.97%	0.77%	2.94%						
VI	10	3	0	3	0.00%	0.00%	0.00%						
VT													
WA	3,987	992	937	77	0.00%	0.00%	0.00%						
WV	169	57	26	31	0.00%	0.00%	0.00%						
WY	313	145	116	38	0.69%	0.86%	0.00%						
TOTAL	45,979	13,262	11,838	1,524	0.35%	0.35%	0.39%						
24 States	43,267	12,771	11,480	1,359	0.27%	0.28%	0.22%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for la

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.31.a URCIS (Round 1) Data- m-Dichlorobenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > HAL	% GW PWS > HAL	% SW PWS > HAL	99% VALUE (µg/L)
AK	692	560	138	0.43%	0.54%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	131	93	42	3.82%	2.15%	7.14%	0.00%	0.00%	0.00%	0.90
AR										
AZ	939	870	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
CA	3,522	3,495	35	0.14%	0.11%	2.86%	0.00%	0.00%	0.00%	< 0.00
CO	9	7	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
DE	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
FL	155	27	141	4.52%	3.70%	4.26%	0.00%	0.00%	0.00%	5.00
GA	1,161	1,052	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA	1,002	963	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
IL	1,302	1,187	115	0.46%	0.34%	1.74%	0.00%	0.00%	0.00%	< 1.00
IN	365	327	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA										
MD	983	936	50	0.51%	0.43%	2.00%	0.00%	0.00%	0.00%	< 0.50
MI										
MN	1,565	1,540	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
MS										
MT	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NC	297	254	44	1.01%	1.18%	0.00%	0.00%	0.00%	0.00%	< 0.50
NE										
NH										
NJ	1,524	1,499	25	0.46%	0.47%	0.00%	0.00%	0.00%	0.00%	< 1.00
NM	590	555	35	0.17%	0.18%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	357	253	123	0.56%	0.40%	0.81%	0.00%	0.00%	0.00%	< 1.00
OH	2,655	2,492	167	0.15%	0.12%	0.60%	0.00%	0.00%	0.00%	< 2.00
SD	335	306	29	0.30%	0.33%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TX										
UT	419	399	34	0.72%	0.75%	0.00%	0.00%	0.00%	0.00%	< 5.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.50
WA	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	136	62	75	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	0.69%	0.86%	0.00%	0.00%	0.00%	0.00%	< 1.00
TOTAL	20,919	19,111	1,971	0.26%	0.20%	0.76%	0.00%	0.00%	0.00%	< 5.00
24 STATES	20,429	18,752	1,819	0.25%	0.20%	0.77%	0.00%	0.00%	0.00%	< 5.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type);
MRL= Minimum Reporting Limit (for laboratory analyses)

"% > HAL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HAL.

The Health Advisory Limit (HAL) for m-Dichlorobenzene is 600 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.31.b URCIS (Round 1) Data- m-Dichlorobenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	692	1,829	1,531	298	0.16%	0.20%	0.00%	< 0.00	< 0.00	0.30	0.20	0.20
AL	131	351	244	107	1.42%	0.82%	2.80%	< 0.50	0.90	19.30	0.90	1.00
AR												
AZ	939	2,885	2,246	639	0.00%	0.00%	0.00%	< 0.05	< 0.00	< 10.00		
CA	3,522	11,762	11,678	84	0.11%	0.10%	1.19%	< 0.00	< 0.00	8.10	0.70	1.40
CO	9	33	30	3	0.00%	0.00%	0.00%	< 0.06	< 0.00	< 5.00		
DC	1	62	0	62	0.00%	0.00%	0.00%	< 0.50	< 0.00	< 0.50		
DE	13	333	189	144	0.00%	0.00%	0.00%	< 0.30	< 0.00	< 0.50		
FL	155	211	43	168	3.32%	2.33%	3.57%	< 0.00	5.00	10.00	0.10	5.00
GA	1,161	2,461	1,863	598	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA	1,002	1,908	1,696	212	0.00%	0.00%	0.00%	< 0.30	< 1.00	< 1.00		
IL	1,302	5,999	5,033	966	0.23%	0.24%	0.21%	< 0.03	< 1.00	9.70	0.03	3.75
IN	365	1,943	1,518	425	0.00%	0.00%	0.00%	< 0.05	< 2.00	< 5.00		
KY	524	2,311	1,172	1,139	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA												
MD	983	1,754	1,380	374	0.40%	0.43%	0.27%	< 0.10	< 0.50	22.40	0.10	2.20
MI												
MN	1,565	2,756	2,677	79	0.00%	0.00%	0.00%	< 0.10	< 1.00	< 2.00		
MO	85	322	296	26	0.00%	0.00%	0.00%	< 0.20	< 5.00	< 5.00		
MS												
MT	565	1,624	1,376	248	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
NC	297	644	569	75	0.47%	0.53%	0.00%	< 0.50	< 0.50	2.00	1.08	1.10
NE												
NH												
NJ	1,524	3,215	2,856	359	0.34%	0.39%	0.00%	< 0.00	< 1.00	12.30	0.10	2.27
NM	590	1,595	1,475	120	0.06%	0.07%	0.00%	< 0.00	< 1.00	1.74	1.74	1.74
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	357	2,571	1,882	689	0.12%	0.11%	0.15%	< 0.12	< 1.00	7.00	0.50	0.80
OH	2,655	16,084	15,164	920	0.02%	0.02%	0.11%	< 0.00	< 2.00	9.10	0.72	1.00
SD	335	444	363	81	0.23%	0.28%	0.00%	< 0.15	< 0.50	0.15	0.15	0.15
TN	303	1,221	434	787	0.00%	0.00%	0.00%	< 0.02	< 0.50	< 0.50		
TX												
UT	419	1,313	1,197	116	0.53%	0.58%	0.00%	< 0.00	< 5.00	0.10	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1	0	100.00%	100.00%	0.00%	0.50	0.50	0.50	0.50	0.50
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	136	388	161	227	0.00%	0.00%	0.00%	< 0.15	< 4.00	< 5.00		
WY	145	313	259	54	0.32%	0.39%	0.00%	< 0.00	< 1.00	0.20	0.20	0.20
TOTAL	20,919	71,721	62,224	9,497	0.11%	0.11%	0.16%	< 0.00	< 5.00	22.40	0.03	1.00
24 States	20,429	68,219	59,672	8,547	0.11%	0.11%	0.16%	< 0.00	< 5.00	22.40	0.03	1.08

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.31.c URCIS (Round 1) Data- m-Dichlorobenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HAL	% GW PWS > 1/2 HAL	% SW PWS > 1/2 HAL	% PWS > HAL	% GW PWS > HAL	% SW PWS > HAL
AK	1,829	692	560	138	0.43%	0.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	351	131	93	42	3.82%	2.15%	7.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	2,885	939	870	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	11,762	3,522	3,495	35	0.14%	0.11%	2.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	33	9	7	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	62	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	211	155	27	141	4.52%	3.70%	4.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,461	1,161	1,052	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,908	1,002	963	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	5,999	1,302	1,187	115	0.46%	0.34%	1.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,943	365	327	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,311	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA													
MD	1,754	983	936	50	0.51%	0.43%	2.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI													
MN	2,756	1,565	1,540	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	322	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
MT	1,624	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	1.01%	1.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE													
NH													
NJ	3,215	1,524	1,499	25	0.46%	0.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.17%	0.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,571	357	253	123	0.56%	0.40%	0.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	16,084	2,655	2,492	167	0.15%	0.12%	0.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	444	335	306	29	0.30%	0.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,221	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX													
UT	1,313	419	399	34	0.72%	0.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	388	136	62	75	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	0.69%	0.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	71,721	20,919	19,111	1,971	0.26%	0.20%	0.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24 States	68,219	20,429	18,752	1,819	0.25%	0.20%	0.77%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for l

"% > HAL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HAL.

The Health Advisory Limit (HAL) for m-Dichlorobenzene is 600 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.32.a URCIS (Round 1) Data- m-Xylene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	73	46	28	2.74%	2.17%	3.57%				< 0.00
AL	131	93	42	14.50%	16.13%	9.52%				7.40
AR	1	1	0	100.00%	100.00%	0.00%				7.50
AZ	940	873	103	0.21%	0.23%	0.00%				< 5.00
CA										
CO	14	10	5	28.57%	20.00%	40.00%				51.47
DC	1	0	1	0.00%	0.00%	0.00%				< 0.50
DE	13	11	2	0.00%	0.00%	0.00%				< 0.50
FL	57	26	39	7.02%	15.38%	0.00%				2.00
GA	1,163	1,054	109	0.17%	0.19%	0.00%				< 0.50
HI	30	26	5	0.00%	0.00%	0.00%				< 0.30
IA	265	246	19	0.38%	0.41%	0.00%				< 1.00
IL										
IN	183	154	30	1.64%	1.95%	0.00%				< 1.00
KY	524	291	233	0.76%	0.69%	0.86%				< 1.00
LA										
MA	3	3	0	100.00%	100.00%	0.00%				7.50
MD	978	935	43	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for m-Xylene.			< 0.50
MI										
MN	66	55	11	0.00%	0.00%	0.00%				< 0.50
MO	71	57	14	1.41%	1.75%	0.00%				9.00
MS	53	53	0	100.00%	100.00%	0.00%				27.00
MT	462	427	48	2.16%	1.87%	4.17%				1.20
NC	297	254	44	8.42%	9.45%	2.27%				4.10
NE	16	16	0	100.00%	100.00%	0.00%				19.20
NH	7	7	0	100.00%	100.00%	0.00%				31.60
NJ	1,490	1,465	25	1.21%	1.23%	0.00%				< 1.00
NM	590	555	35	0.68%	0.72%	0.00%				< 5.00
NV										
NY	257	168	106	1.56%	1.19%	1.89%				< 1.00
OH	2,655	2,492	167	2.11%	2.09%	2.40%				< 2.00
SD										
TN	303	156	147	2.97%	1.28%	4.76%				< 0.50
TX	13	13	0	1	1	0				83.00
UT										
VI										
VT										
WA	992	937	77	1.71%	1.17%	7.79%				< 0.50
WV	129	60	70	0.00%	0.00%	0.00%				< 4.00
WY	1	0	1	0.00%	0.00%	0.00%				< 1.00
TOTAL	11,778	10,484	1,404	2.36%	2.36%	2.21%				< 5.00
24 STATES	11,329	10,145	1,276	1.55%	1.47%	2.12%				< 4.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.32.b URCIS (Round 1) Data- m-Xylene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	73	331	281	50	0.60%	0.36%	2.00%	< 0.00	< 0.00	7.90	2.40	5.15
AL	131	351	244	107	7.12%	8.20%	4.67%	< 0.50	7.40	19.00	0.60	1.20
AR	1	2	2	0	100.00%	100.00%	0.00%	2.4	7.5	7.5	2.40	4.95
AZ	940	2,909	2,265	644	0.07%	0.09%	0.00%	< 0.05	< 5.00	3.00	0.05	1.53
CA												
CO	14	39	34	5	10.26%	5.88%	40.00%	< 0.00	51.47	51.47	0.10	2.77
DC	1	46	0	46	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
FL	57	79	35	44	5.06%	11.43%	0.00%	< 0.00	2.00	2.00	1.00	1.75
GA	1,163	2,464	1,866	598	0.12%	0.16%	0.00%	< 0.50	< 0.50	13.20	0.80	0.90
HI	30	72	44	28	0.00%	0.00%	0.00%	< 0.30	< 0.30	< 0.30		
IA	265	378	333	45	0.26%	0.30%	0.00%	< 0.20	< 1.00	0.50	0.50	0.50
IL												
IN	183	1,075	810	265	0.47%	0.62%	0.00%	< 0.10	< 1.00	1.20	0.27	1.14
KY	524	2,311	1,172	1,139	0.30%	0.17%	0.44%	< 0.50	< 1.00	44.00	1.00	1.30
LA												
MA	3	5	5	0	100.00%	100.00%	0.00%	0.30	7.50	7.50	0.30	0.40
MD	978	1,581	1,274	307	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MI												
MN	66	97	86	11	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MO	71	226	200	26	3.10%	3.50%	0.00%	< 0.20	9.00	10.00	7.00	9.00
MS	53	77	77	0	100.00%	100.00%	0.00%	0.50	27.00	27.00	0.50	1.10
MT	462	983	817	166	1.93%	2.08%	1.20%	< 0.50	1.20	5.03	0.60	1.20
NC	297	644	569	75	4.50%	4.92%	1.33%	< 0.50	4.10	24.10	0.57	1.40
NE	16	19	19	0	100.00%	100.00%	0.00%	0.30	19.20	19.20	0.30	0.90
NH	7	9	9	0	100.00%	100.00%	0.00%	1.29	31.60	31.60	1.29	2.39
NJ	1,490	3,099	2,744	355	0.65%	0.73%	0.00%	< 0.00	< 1.00	310.00	0.08	0.74
NM	590	1,595	1,475	120	0.75%	0.81%	0.00%	< 0.00	< 5.00	9.60	0.40	1.50
NV												
NY	257	1,446	996	450	0.35%	0.20%	0.67%	< 0.10	< 1.00	4.10	0.50	0.80
OH	2,655	16,040	15,120	920	0.47%	0.46%	0.54%	< 0.00	< 2.00	27.30	0.30	1.10
SD												
TN	303	1,220	433	787	0.74%	0.46%	0.89%	< 0.01	< 0.50	6.90	0.60	1.20
TX	13	14	14	0	100.00%	100.00%	0.00%	1.60	83.00	83.00	1.60	2.55
UT												
VI												
VT												
WA	992	3,987	3,656	331	0.60%	0.46%	2.11%	< 0.50	< 0.50	61.00	0.50	1.20
WV	129	351	134	217	0.00%	0.00%	0.00%	< 0.50	< 4.00	< 4.00		
WY	1	3	0	3	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
TOTAL	11,778	41,786	34,903	6,883	0.91%	0.98%	0.55%	< 0.00	< 5.00	310.00	0.05	1.20
24 States	11,329	39,570	33,358	6,212	0.60%	0.61%	0.53%	< 0.00	< 4.00	310.00	0.05	1.20

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.32.c URCIS (Round 1) Data- m-Xylene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	331	73	46	28	2.74%	2.17%	3.57%						
AL	351	131	93	42	14.50%	16.13%	9.52%						
AR	2	1	1	0	100.00%	100.00%	0.00%						
AZ	2,909	940	873	103	0.21%	0.23%	0.00%						
CA													
CO	39	14	10	5	28.57%	20.00%	40.00%						
DC	46	1	0	1	0.00%	0.00%	0.00%						
DE	333	13	11	2	0.00%	0.00%	0.00%						
FL	79	57	26	39	7.02%	15.38%	0.00%						
GA	2,464	1,163	1,054	109	0.17%	0.19%	0.00%						
HI	72	30	26	5	0.00%	0.00%	0.00%						
IA	378	265	246	19	0.38%	0.41%	0.00%						
IL													
IN	1,075	183	154	30	1.64%	1.95%	0.00%						
KY	2,311	524	291	233	0.76%	0.69%	0.86%						
LA													
MA	5	3	3	0	100.00%	100.00%	0.00%						
MD	1,581	978	935	43	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for m-Xylene.					
MI													
MN	97	66	55	11	0.00%	0.00%	0.00%						
MO	226	71	57	14	1.41%	1.75%	0.00%						
MS	77	53	53	0	100.00%	100.00%	0.00%						
MT	983	462	427	48	2.16%	1.87%	4.17%						
NC	644	297	254	44	8.42%	9.45%	2.27%						
NE	19	16	16	0	100.00%	100.00%	0.00%						
NH	9	7	7	0	100.00%	100.00%	0.00%						
NJ	3,099	1,490	1,465	25	1.21%	1.23%	0.00%						
NM	1,595	590	555	35	0.68%	0.72%	0.00%						
NV													
NY	1,446	257	168	106	1.56%	1.19%	1.89%						
OH	16,040	2,655	2,492	167	2.11%	2.09%	2.40%						
SD													
TN	1,220	303	156	147	2.97%	1.28%	4.76%						
TX	14	13	13	0	100.00%	100.00%	0.00%						
UT													
VI													
VT													
WA	3,987	992	937	77	1.71%	1.17%	7.79%						
WV	351	129	60	70	0.00%	0.00%	0.00%						
WY	3	1	0	1	0.00%	0.00%	0.00%						
TOTAL	41,786	11,778	10,484	1,404	2.36%	2.36%	2.21%						
24 States	39,570	11,329	10,145	1,276	1.55%	1.47%	2.12%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for la

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.33.a URCIS (Round 1) Data- n-Butylbenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	671	545	131	1.04%	1.28%	0.00%				< 0.00
AL	131	93	42	0.76%	0.00%	2.38%				< 0.50
AR										
AZ	448	407	47	0.89%	0.74%	2.13%				< 2.00
CA	146	134	18	2.74%	2.99%	0.00%				< 0.50
CO	5	3	3	0.00%	0.00%	0.00%				< 0.58
DC	1	0	1	0.00%	0.00%	0.00%				< 0.50
DE	10	8	2	0.00%	0.00%	0.00%				< 0.40
FL										
GA	1,162	1,053	109	0.00%	0.00%	0.00%				< 0.50
HI										
IA										
IL	214	150	64	0.93%	0.67%	1.56%				< 2.00
IN	357	321	37	0.00%	0.00%	0.00%				< 2.00
KY	524	291	233	0.00%	0.00%	0.00%				< 1.00
LA	13	9	4	0.00%	0.00%	0.00%				< 0.50
MA										
MD	983	936	50	0.10%	0.11%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for n-Butylbenzene.			< 0.50
MI										
MN	1,553	1,529	28	0.06%	0.07%	0.00%				< 0.50
MO	85	71	14	0.00%	0.00%	0.00%				< 2.00
MS										
MT										
NC	297	254	44	0.34%	0.39%	0.00%				< 0.50
NE	1	1	0	100.00%	100.00%	0.00%				1.40
NH	1	1	0	100.00%	100.00%	0.00%				1.10
NJ	790	779	11	0.38%	0.39%	0.00%				< 1.00
NM	590	555	35	0.00%	0.00%	0.00%				< 1.00
NV	8	7	2	0.00%	0.00%	0.00%				< 0.20
NY	357	253	123	0.56%	0.40%	0.81%				< 1.00
OH	2,654	2,492	166	0.11%	0.12%	0.00%				< 2.00
SD	335	306	29	0.60%	0.65%	0.00%				< 0.50
TN	303	156	147	2.64%	0.00%	5.44%				< 0.50
TX	1	1	0	1	1	0				2.00
UT	411	391	34	1.46%	1.28%	2.94%				< 10.00
VI	3	0	3	0.00%	0.00%	0.00%				< 1.00
VT										
WA	992	937	77	0.10%	0.11%	0.00%				< 0.50
WV	57	26	31	0.00%	0.00%	0.00%				< 4.00
WY	145	116	38	0.69%	0.86%	0.00%				< 1.00
TOTAL	13,248	11,825	1,523	0.38%	0.31%	0.85%				< 2.00
24 STATES	12,763	11,471	1,371	0.35%	0.29%	0.88%				< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.33.b URCIS (Round 1) Data- n-Butylbenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	671	1,766	1,496	270	0.45%	0.53%	0.00%	< 0.00	< 0.00	3.40	0.10	0.35
AL	131	351	244	107	0.28%	0.00%	0.93%	< 0.50	< 0.50	1.70	1.70	1.70
AR												
AZ	448	1,098	935	163	0.64%	0.32%	2.45%	< 0.05	< 2.00	10.00	0.05	10.00
CA	146	1,112	1,061	51	0.45%	0.47%	0.00%	< 0.00	< 0.50	11.40	0.50	4.40
CO	5	8	5	3	0.00%	0.00%	0.00%	< 0.11	< 0.58	< 0.58		
DC	1	47	0	47	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	10	53	44	9	0.00%	0.00%	0.00%	< 0.40	< 0.40	< 0.40		
FL												
GA	1,162	2,462	1,863	599	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI												
IA												
IL	214	729	486	243	0.27%	0.21%	0.41%	< 0.03	< 2.00	1.40	0.03	0.72
IN	357	1,889	1,486	403	0.00%	0.00%	0.00%	< 0.07	< 2.00	< 5.00		
KY	524	2,311	1,172	1,139	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA												
MD	983	1,749	1,375	374	0.06%	0.07%	0.00%	< 0.10	< 0.50	0.10	0.10	0.10
MI												
MN	1,553	2,657	2,589	68	0.04%	0.04%	0.00%	< 0.50	< 0.50	0.90	0.90	0.90
MO	85	323	297	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS												
MT												
NC	297	644	569	75	0.16%	0.18%	0.00%	< 0.50	< 0.50	1.10	1.10	1.10
NE	1	2	2	0	100.00%	100.00%	0.00%	0.60	1.40	1.40	0.60	1.00
NH	1	2	2	0	100.00%	100.00%	0.00%	0.97	1.10	1.10	0.97	1.04
NJ	790	1,615	1,428	187	0.19%	0.21%	0.00%	< 0.00	< 1.00	1.00	0.02	0.02
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	357	2,087	1,556	531	0.10%	0.06%	0.19%	< 0.10	< 1.00	5.00	0.70	2.85
OH	2,654	15,981	15,070	911	0.03%	0.03%	0.00%	< 0.20	< 2.00	6.00	1.00	1.00
SD	335	444	363	81	0.45%	0.55%	0.00%	< 0.15	< 0.50	0.22	0.15	0.19
TN	303	1,221	434	787	0.66%	0.00%	1.02%	< 0.02	< 0.50	11.10	0.50	1.15
TX	1	1	1	0	100.00%	100.00%	0.00%	2.00	2.00	2.00	2.00	2.00
UT	411	1,233	1,129	104	0.81%	0.80%	0.96%	< 0.10	< 10.00	1.00	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT												
WA	992	3,987	3,656	331	0.03%	0.03%	0.00%	< 0.50	< 0.50	0.60	0.60	0.60
WV	57	170	64	106	0.00%	0.00%	0.00%	< 0.50	< 4.00	< 4.00		
WY	145	313	259	54	0.32%	0.39%	0.00%	< 0.10	< 1.00	0.10	0.10	0.10
TOTAL	13,248	46,030	39,215	6,815	0.13%	0.12%	0.23%	< 0.00	< 2.00	11.40	0.02	0.80
24 States	12,763	43,327	37,154	6,173	0.13%	0.11%	0.24%	< 0.00	< 2.00	11.40	0.02	0.70

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.33.c URCIS (Round 1) Data- n-Butylbenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,766	671	545	131	1.04%	1.28%	0.00%						
AL	351	131	93	42	0.76%	0.00%	2.38%						
AR													
AZ	1,098	448	407	47	0.89%	0.74%	2.13%						
CA	1,112	146	134	18	2.74%	2.99%	0.00%						
CO	8	5	3	3	0.00%	0.00%	0.00%						
DC	47	1	0	1	0.00%	0.00%	0.00%						
DE	53	10	8	2	0.00%	0.00%	0.00%						
FL													
GA	2,462	1,162	1,053	109	0.00%	0.00%	0.00%						
HI													
IA													
IL	729	214	150	64	0.93%	0.67%	1.56%						
IN	1,889	357	321	37	0.00%	0.00%	0.00%						
KY	2,311	524	291	233	0.00%	0.00%	0.00%						
LA	22	13	9	4	0.00%	0.00%	0.00%						
MA													
MD	1,749	983	936	50	0.10%	0.11%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for n-Butylbenzene.					
MI													
MN	2,657	1,553	1,529	28	0.06%	0.07%	0.00%						
MO	323	85	71	14	0.00%	0.00%	0.00%						
MS													
MT													
NC	644	297	254	44	0.34%	0.39%	0.00%						
NE	2	1	1	0	100.00%	100.00%	0.00%						
NH	2	1	1	0	100.00%	100.00%	0.00%						
NJ	1,615	790	779	11	0.38%	0.39%	0.00%						
NM	1,595	590	555	35	0.00%	0.00%	0.00%						
NV	148	8	7	2	0.00%	0.00%	0.00%						
NY	2,087	357	253	123	0.56%	0.40%	0.81%						
OH	15,981	2,654	2,492	166	0.11%	0.12%	0.00%						
SD	444	335	306	29	0.60%	0.65%	0.00%						
TN	1,221	303	156	147	2.64%	0.00%	5.44%						
TX	1	1	1	0	100.00%	100.00%	0.00%						
UT	1,233	411	391	34	1.46%	1.28%	2.94%						
VI	10	3	0	3	0.00%	0.00%	0.00%						
VT													
WA	3,987	992	937	77	0.10%	0.11%	0.00%						
WV	170	57	26	31	0.00%	0.00%	0.00%						
WY	313	145	116	38	0.69%	0.86%	0.00%						
TOTAL	46,030	13,248	11,825	1,523	0.38%	0.31%	0.85%						
24 States	43,327	12,763	11,471	1,371	0.35%	0.29%	0.88%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for labora

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.34.a URCIS (Round 1) Data- n-Propylbenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	671	545	131	1.34%	1.47%	0.76%				< 0.00
AL	131	93	42	1.53%	2.15%	0.00%				0.42
AR										
AZ	427	388	45	0.70%	0.52%	2.22%				< 2.00
CA	145	132	19	0.69%	0.76%	0.00%				< 0.50
CO	5	3	3	0.00%	0.00%	0.00%				< 0.55
DC	1	0	1	0.00%	0.00%	0.00%				< 0.50
DE	10	8	2	0.00%	0.00%	0.00%				< 0.40
FL										
GA	1,161	1,052	109	0.00%	0.00%	0.00%				< 0.50
HI										
IA										
IL	214	150	64	0.47%	0.67%	0.00%				< 2.00
IN	357	321	37	0.28%	0.31%	0.00%				< 2.00
KY	524	291	233	0.38%	0.69%	0.00%				< 1.00
LA	13	9	4	0.00%	0.00%	0.00%				< 0.50
MA										
MD	983	936	50	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for n-Propylbenzene.			< 0.50
MI										
MN	1,553	1,529	28	0.00%	0.00%	0.00%				< 0.50
MO	79	65	14	0.00%	0.00%	0.00%				< 2.00
MS	2	2	0	100.00%	100.00%	0.00%				2.90
MT										
NC	297	254	44	0.34%	0.39%	0.00%				< 0.50
NE	1	1	0	100.00%	100.00%	0.00%				3.20
NH	1	1	0	100.00%	100.00%	0.00%				1.00
NJ	795	784	11	0.38%	0.38%	0.00%				< 1.00
NM	590	555	35	0.00%	0.00%	0.00%				< 1.00
NV	8	7	2	0.00%	0.00%	0.00%				< 0.20
NY	357	253	123	0.28%	0.00%	0.81%				< 1.00
OH	2,655	2,492	167	0.19%	0.20%	0.00%				< 2.00
SD	335	306	29	0.30%	0.33%	0.00%				< 0.50
TN	303	156	147	0.66%	1.28%	0.00%				< 0.50
TX	1	0	1	1	0	1				1.90
UT	411	391	34	1.95%	1.79%	2.94%				0.10
VI	3	0	3	0.00%	0.00%	0.00%				< 1.00
VT										
WA	992	937	77	0.10%	0.11%	0.00%				< 0.50
WV	35	12	23	0.00%	0.00%	0.00%				< 4.00
WY	145	116	38	1.38%	1.72%	0.00%				< 1.00
TOTAL	13,205	11,789	1,516	0.36%	0.36%	0.33%				< 2.00
24 STATES	12,724	11,440	1,363	0.33%	0.34%	0.22%				< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.34.b URCIS (Round 1) Data- n-Propylbenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE	99% VALUE	MAX VALUE	MIN DETECTS	MEDIAN DETECTS
AK	671	1,766	1,495	271	0.57%	0.60%	0.37%	< 0.00	< 0.00	12.00	0.30	0.65
AL	131	352	245	107	1.14%	1.63%	0.00%	< 0.42	0.42	0.90	0.42	0.75
AR												
AZ	427	1,038	892	146	0.39%	0.22%	1.37%	< 0.10	< 2.00	10.00	0.50	5.40
CA	145	1,118	1,066	52	0.63%	0.66%	0.00%	< 0.00	< 0.50	34.00	0.55	2.00
CO	5	8	5	3	0.00%	0.00%	0.00%	< 0.04	< 0.55	< 0.55		
DC	1	48	0	48	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	10	53	44	9	0.00%	0.00%	0.00%	< 0.30	< 0.40	< 0.40		
FL												
GA	1,161	2,462	1,863	599	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI												
IA												
IL	214	725	484	241	0.55%	0.83%	0.00%	< 0.06	< 2.00	0.15	0.06	0.15
IN	357	1,889	1,486	403	0.11%	0.13%	0.00%	< 0.10	< 2.00	1.00	1.00	1.00
KY	524	2,311	1,172	1,139	0.09%	0.17%	0.00%	< 0.50	< 1.00	7.00	2.00	4.50
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA												
MD	983	1,749	1,375	374	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 1.00		
MI												
MN	1,553	2,657	2,589	68	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 5.00		
MO	79	277	251	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	2	2	2	0	100.00%	100.00%	0.00%	0.50	2.90	2.90	0.50	1.70
MT												
NC	297	644	569	75	0.16%	0.18%	0.00%	< 0.50	< 0.50	1.80	1.80	1.80
NE	1	2	2	0	100.00%	100.00%	0.00%	2.20	3.20	3.20	2.20	2.70
NH	1	2	2	0	100.00%	100.00%	0.00%	0.68	1.00	1.00	0.68	0.84
NJ	795	1,623	1,437	186	0.18%	0.21%	0.00%	< 0.00	< 1.00	1.00	0.03	0.03
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	357	2,098	1,564	534	0.05%	0.00%	0.19%	< 0.04	< 1.00	0.37	0.37	0.37
OH	2,655	16,086	15,167	919	0.03%	0.03%	0.00%	< 0.20	< 2.00	2.29	1.00	1.70
SD	335	444	363	81	0.23%	0.28%	0.00%	< 0.49	< 0.50	0.49	0.49	0.49
TN	303	1,220	433	787	0.16%	0.46%	0.00%	< 0.00	< 0.50	0.70	0.60	0.65
TX	1	1	0	1	100.00%	0.00%	100.00%	1.90	1.90	1.90	1.90	1.90
UT	411	1,234	1,129	105	1.05%	1.06%	0.95%	< 0.00	0.10	1.00	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT												
WA	992	3,987	3,656	331	0.03%	0.03%	0.00%	< 0.50	< 0.50	1.40	1.40	1.40
WV	35	132	39	93	0.00%	0.00%	0.00%	< 0.50	< 4.00	< 4.00		
WY	145	313	259	54	0.64%	0.77%	0.00%	< 0.20	< 1.00	0.80	0.20	0.50
TOTAL	13,205	46,016	39,218	6,798	0.15%	0.16%	0.09%	< 0.00	< 2.00	34.00	0.03	0.80
24 States	12,724	43,345	37,194	6,151	0.14%	0.15%	0.07%	< 0.00	< 2.00	34.00	0.03	0.70

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.34.c URCIS (Round 1) Data- n-Propylbenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,766	671	545	131	1.34%	1.47%	0.76%						
AL	352	131	93	42	1.53%	2.15%	0.00%						
AR													
AZ	1,038	427	388	45	0.70%	0.52%	2.22%						
CA	1,118	145	132	19	0.69%	0.76%	0.00%						
CO	8	5	3	3	0.00%	0.00%	0.00%						
DC	48	1	0	1	0.00%	0.00%	0.00%						
DE	53	10	8	2	0.00%	0.00%	0.00%						
FL													
GA	2,462	1,161	1,052	109	0.00%	0.00%	0.00%						
HI													
IA													
IL	725	214	150	64	0.47%	0.67%	0.00%						
IN	1,889	357	321	37	0.28%	0.31%	0.00%						
KY	2,311	524	291	233	0.38%	0.69%	0.00%						
LA	22	13	9	4	0.00%	0.00%	0.00%						
MA													
MD	1,749	983	936	50	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for n-Propylbenzene.					
MI													
MN	2,657	1,553	1,529	28	0.00%	0.00%	0.00%						
MO	277	79	65	14	0.00%	0.00%	0.00%						
MS	2	2	2	0	100.00%	100.00%	0.00%						
MT													
NC	644	297	254	44	0.34%	0.39%	0.00%						
NE	2	1	1	0	100.00%	100.00%	0.00%						
NH	2	1	1	0	100.00%	100.00%	0.00%						
NJ	1,623	795	784	11	0.38%	0.38%	0.00%						
NM	1,595	590	555	35	0.00%	0.00%	0.00%						
NV	148	8	7	2	0.00%	0.00%	0.00%						
NY	2,098	357	253	123	0.28%	0.00%	0.81%						
OH	16,086	2,655	2,492	167	0.19%	0.20%	0.00%						
SD	444	335	306	29	0.30%	0.33%	0.00%						
TN	1,220	303	156	147	0.66%	1.28%	0.00%						
TX	1	1	0	1	100.00%	0.00%	100.00%						
UT	1,234	411	391	34	1.95%	1.79%	2.94%						
VI	10	3	0	3	0.00%	0.00%	0.00%						
VT													
WA	3,987	992	937	77	0.10%	0.11%	0.00%						
WV	132	35	12	23	0.00%	0.00%	0.00%						
WY	313	145	116	38	1.38%	1.72%	0.00%						
TOTAL	46,016	13,205	11,789	1,516	0.36%	0.36%	0.33%						
24 States	43,345	12,724	11,440	1,363	0.33%	0.34%	0.22%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for labora

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.35.a URCIS (Round 1) Data- Napthalene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
AK	669	543	131	4.78%	5.52%	1.53%	0.00%	0.00%	0.00%	0.80
AL	131	93	42	28.24%	32.26%	16.67%	1.53%	2.15%	0.00%	8.20
AR										
AZ	448	407	47	1.12%	0.98%	2.13%	0.00%	0.00%	0.00%	< 5.00
CA	609	592	27	1.15%	1.18%	0.00%	0.00%	0.00%	0.00%	< 10.00
CO	7	3	5	14.29%	0.00%	20.00%	0.00%	0.00%	0.00%	4.62
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	10	8	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.60
FL	114	8	106	7.02%	0.00%	7.55%	0.00%	0.00%	0.00%	8.00
GA	1,161	1,052	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA										
IL	214	150	64	1.87%	2.00%	1.56%	0.00%	0.00%	0.00%	< 2.00
IN	357	321	37	0.28%	0.31%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	1.15%	1.03%	1.29%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	2	1	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.80
MD	983	936	50	0.51%	0.53%	0.00%	0.00%	0.00%	0.00%	< 0.50
MI										
MN	1,553	1,529	28	0.06%	0.07%	0.00%	0.00%	0.00%	0.00%	< 0.50
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 50.00
MS	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	14.80
MT										
NC	297	254	44	0.34%	0.39%	0.00%	0.00%	0.00%	0.00%	< 0.50
NE	9	9	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	10.60
NH	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.97
NJ	783	772	11	1.02%	1.04%	0.00%	0.00%	0.00%	0.00%	< 2.00
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	12.50%	14.29%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	261	187	85	0.38%	0.00%	1.18%	0.00%	0.00%	0.00%	< 5.00
OH	2,651	2,489	166	0.68%	0.68%	0.60%	0.00%	0.00%	0.00%	< 2.00
SD	335	306	29	2.39%	2.29%	3.45%	0.00%	0.00%	0.00%	0.18
TN	303	156	147	0.99%	0.64%	1.36%	0.00%	0.00%	0.00%	< 0.50
TX	3	2	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	18.00
UT	409	389	34	1.96%	1.80%	2.94%	0.00%	0.00%	0.00%	< 10.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT										
WA	992	937	77	0.20%	0.21%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	57	26	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	3.45%	2.59%	5.26%	0.00%	0.00%	0.00%	0.80
TOTAL	13,857	12,334	1,620	1.29%	1.18%	2.04%	0.01%	0.02%	0.00%	< 5.00
24 STATES	13,452	12,034	1,502	1.18%	1.08%	1.93%	0.01%	0.02%	0.00%	< 5.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type);
MRL= Minimum Reporting Limit (for laboratory analyses)
The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work as
"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.
The Health Reference Level (HRL) used for Naphthalene is 140 µg/L. This is a draft value for working review only.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.35.b URCIS (Round 1) Data- Napthalene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	669	1,763	1,494	269	2.10%	2.34%	0.74%	< 0.00	0.80	13.10	0.28	0.80
AL	131	354	247	107	12.15%	14.17%	7.48%	< 0.50	8.20	906.00	0.50	1.00
AR												
AZ	448	1,099	935	164	0.73%	0.43%	2.44%	< 0.05	< 5.00	10.00	0.05	7.50
CA	609	2,284	2,167	117	0.79%	0.83%	0.00%	< 0.00	< 10.00	25.00	0.60	1.65
CO	7	11	5	6	9.09%	0.00%	16.67%	< 0.00	4.62	4.62	4.62	4.62
DC	1	48	0	48	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	10	53	44	9	0.00%	0.00%	0.00%	< 0.30	< 0.60	< 0.60		
FL	114	129	12	117	6.20%	0.00%	6.84%	< 0.00	8.00	10.00	1.00	5.00
GA	1,161	2,461	1,862	599	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA												
IL	214	730	486	244	0.55%	0.62%	0.41%	< 0.02	< 2.00	13.00	0.05	1.00
IN	357	1,889	1,486	403	0.05%	0.07%	0.00%	< 0.10	< 2.00	2.00	2.00	2.00
KY	524	2,076	1,119	957	0.48%	0.27%	0.73%	< 0.50	< 1.00	17.00	1.00	2.00
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	2	2	1	1	100.00%	100.00%	100.00%	0.50	0.80	0.80	0.50	0.65
MD	983	1,749	1,375	374	0.29%	0.36%	0.00%	< 0.20	< 0.50	7.00	0.60	1.40
MI												
MN	1,553	2,656	2,588	68	0.04%	0.04%	0.00%	< 0.50	< 0.50	1.70	1.70	1.70
MO	85	323	297	26	0.00%	0.00%	0.00%	< 0.20	< 50.00	< 50.00		
MS	2	7	7	0	100.00%	100.00%	0.00%	0.50	14.80	14.80	0.50	1.30
MT												
NC	297	644	569	75	0.16%	0.18%	0.00%	< 0.50	< 0.50	2.25	2.25	2.25
NE	9	16	16	0	100.00%	100.00%	0.00%	0.40	10.60	10.60	0.40	0.90
NH	1	1	1	0	100.00%	100.00%	0.00%	0.97	0.97	0.97	0.97	0.97
NJ	783	1,604	1,417	187	0.50%	0.56%	0.00%	< 0.00	< 2.00	1.50	0.03	1.00
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.68%	0.74%	0.00%	< 0.20	< 0.20	0.40	0.40	0.40
NY	261	1,388	1,020	368	0.07%	0.00%	0.27%	< 0.04	< 5.00	0.60	0.60	0.60
OH	2,651	15,944	15,030	914	0.12%	0.12%	0.11%	< 0.00	< 2.00	19.00	0.50	1.00
SD	335	444	363	81	1.80%	1.93%	1.23%	< 0.15	0.18	0.45	0.15	0.20
TN	303	1,220	433	787	0.25%	0.23%	0.25%	< 0.06	< 0.50	3.80	0.70	1.00
TX	3	5	3	2	100.00%	100.00%	100.00%	1.80	18.00	18.00	1.80	3.90
UT	409	1,236	1,127	109	0.97%	0.98%	0.92%	< 0.10	< 10.00	6.00	0.50	0.50
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT												
WA	992	3,987	3,656	331	0.13%	0.14%	0.00%	< 0.50	< 0.50	3.10	1.50	1.60
WV	57	169	64	105	0.00%	0.00%	0.00%	< 0.50	< 4.00	< 4.00		
WY	145	313	259	54	1.92%	1.16%	5.56%	< 0.10	0.80	2.80	0.30	0.90
TOTAL	13,857	47,601	40,793	6,808	0.49%	0.00%	0.63%	< 0.00	< 5.00	906.00	0.03	1.00
24 STATES	13,452	45,567	39,245	6,322	0.43%	0.00%	0.60%	< 0.00	< 5.00	906.00	0.03	1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.35.c URCIS (Round 1) Data- Napthalene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK	1,212	669	543	131	4.78%	5.52%	1.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	224	131	93	42	28.24%	32.26%	16.67%	1.53%	2.15%	0.00%	1.53%	2.15%	0.00%
AR													
AZ	855	448	407	47	1.12%	0.98%	2.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	1,201	609	592	27	1.15%	1.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	10	7	3	5	14.29%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	1	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	18	10	8	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	122	114	8	106	7.02%	0.00%	7.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,213	1,161	1,052	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	239	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA													
IL	364	214	150	64	1.87%	2.00%	1.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	678	357	321	37	0.28%	0.31%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	815	524	291	233	1.15%	1.03%	1.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	3	2	1	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,919	983	936	50	0.51%	0.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI													
MN	3,082	1,553	1,529	28	0.06%	0.07%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	156	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	4	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT													
NC	551	297	254	44	0.34%	0.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE	18	9	9	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	2	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	1,555	783	772	11	1.02%	1.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,145	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	15	8	7	2	12.50%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	448	261	187	85	0.38%	0.00%	1.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	5,140	2,651	2,489	166	0.68%	0.68%	0.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	641	335	306	29	2.39%	2.29%	3.45%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	459	303	156	147	0.99%	0.64%	1.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	5	3	2	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
UT	798	409	389	34	1.96%	1.80%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	3	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT													
WA	1,929	992	937	77	0.20%	0.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	83	57	26	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	261	145	116	38	3.45%	2.59%	5.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	26,191	13,857	12,334	1,620	1.29%	1.18%	2.04%	0.01%	0.02%	0.00%	0.01%	0.02%	0.00%
24 STATES	25,486	13,452	12,034	1,502	1.18%	1.08%	1.93%	0.01%	0.02%	0.00%	0.01%	0.02%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.
"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.
The Health Reference Level (HRL) used for Naphthalene is 140 µg/L. This is a draft value for working review only.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.36.a URCIS (Round 1) Data- o-Chlorotoluene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	679	548	136	0.44%	0.55%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	131	93	42	0.76%	0.00%	2.38%	0.00%	0.00%	0.00%	< 0.50
AR	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.89
AZ	938	869	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	148	135	19	0.68%	0.74%	0.00%	0.00%	0.00%	0.00%	< 0.50
CO	10	8	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
FL	108	30	87	2.78%	6.67%	1.15%	0.00%	0.00%	0.00%	0.50
GA	1,162	1,053	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA	805	766	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
IL	258	185	73	0.39%	0.54%	0.00%	0.00%	0.00%	0.00%	< 1.00
IN	365	327	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	0.57%	0.34%	0.86%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA										
MD	983	936	50	0.20%	0.00%	4.00%	0.00%	0.00%	0.00%	< 0.50
MI										
MN	1,552	1,528	28	0.06%	0.00%	3.57%	0.00%	0.00%	0.00%	< 0.50
MO	85	71	14	1.18%	0.00%	7.14%	0.00%	0.00%	0.00%	< 2.00
MS										
MT	565	523	57	0.18%	0.00%	1.75%	0.00%	0.00%	0.00%	< 1.00
NC	297	254	44	0.67%	0.79%	0.00%	0.00%	0.00%	0.00%	< 0.50
NE										
NH	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	1.50
NJ	1,505	1,480	25	0.33%	0.34%	0.00%	0.00%	0.00%	0.00%	< 1.34
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	355	251	123	0.56%	0.40%	0.81%	0.00%	0.00%	0.00%	< 1.00
OH	2,656	2,493	167	0.11%	0.12%	0.00%	0.00%	0.00%	0.00%	< 1.00
SD	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TX										
UT	419	399	34	1.43%	1.25%	2.94%	0.00%	0.00%	0.00%	< 5.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.50
WA	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	134	62	73	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.60
TOTAL	16,212	14,514	1,854	0.23%	0.19%	0.59%	0.00%	0.00%	0.00%	< 1.00
24 STATES	15,721	14,154	1,702	0.20%	0.16%	0.53%	0.00%	0.00%	0.00%	< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for o-Chlorotoluene is 100 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.36.b URCIS (Round 1) Data- o-Chlorotoluene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	679	1,781	1,486	295	0.17%	0.20%	0.00%	< 0.00	< 0.00	4.40	0.30	0.30
AL	131	352	244	108	0.28%	0.00%	0.93%	< 0.50	< 0.50	2.00	2.00	2.00
AR	1	2	2	0	100.00%	100.00%	0.00%	0.30	0.89	0.89	0.30	0.60
AZ	938	2,874	2,233	641	0.00%	0.00%	0.00%	< 0.10	< 1.00	< 10.00		
CA	148	1,062	1,010	52	0.09%	0.10%	0.00%	< 0.00	< 0.50	0.50	0.50	0.50
CO	10	34	31	3	0.00%	0.00%	0.00%	< 0.00	< 5.00	< 5.00		
DC	1	61	0	61	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
FL	108	145	48	97	2.07%	4.17%	1.03%	< 0.00	0.50	1.00	0.20	0.50
GA	1,162	2,463	1,864	599	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA	805	1,211	1,035	176	0.00%	0.00%	0.00%	< 0.30	< 1.00	< 1.00		
IL	258	942	628	314	0.32%	0.48%	0.00%	< 0.06	< 1.00	0.22	0.06	0.22
IN	365	1,939	1,514	425	0.00%	0.00%	0.00%	< 0.08	< 2.00	< 5.00		
KY	524	2,312	1,172	1,140	0.13%	0.09%	0.18%	< 0.50	< 1.00	10.00	2.60	3.00
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA												
MD	983	1,754	1,380	374	0.11%	0.00%	0.53%	< 0.20	< 0.50	0.60	0.40	0.50
MI												
MN	1,552	2,655	2,587	68	0.04%	0.00%	1.47%	< 0.20	< 0.50	0.50	0.50	0.50
MO	85	322	296	26	0.31%	0.00%	3.85%	< 0.20	< 2.00	0.50	0.50	0.50
MS												
MT	565	1,623	1,376	247	0.06%	0.00%	0.40%	< 0.50	< 1.00	0.70	0.70	0.70
NC	297	644	569	75	0.31%	0.35%	0.00%	< 0.50	< 0.50	16.40	1.10	8.75
NE												
NH	1	1	1	0	100.00%	100.00%	0.00%	1.50	1.50	1.50	1.50	1.50
NJ	1,505	3,146	2,780	366	0.29%	0.32%	0.00%	< 0.00	< 1.34	4.40	0.12	0.57
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	355	2,553	1,873	680	0.08%	0.05%	0.15%	< 0.04	< 1.00	6.00	0.39	3.20
OH	2,656	16,087	15,167	920	0.02%	0.02%	0.00%	< 0.00	< 1.00	1.20	1.00	1.00
SD	335	444	363	81	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	303	1,221	434	787	0.00%	0.00%	0.00%	< 0.01	< 0.50	< 0.50		
TX												
UT	419	1,318	1,206	112	0.76%	0.75%	0.89%	< 0.10	< 5.00	1.00	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1	0	100.00%	100.00%	0.00%	0.50	0.50	0.50	0.50	0.50
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	134	374	149	225	0.00%	0.00%	0.00%	< 0.00	< 4.00	< 4.00		
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.20	< 0.60	< 1.00		
TOTAL	16,212	54,950	46,263	8,687	0.09%	0.08%	0.13%	< 0.00	< 1.00	16.40	0.06	0.57
24 States	15,721	51,463	43,716	7,747	0.08%	0.08%	0.12%	< 0.00	< 1.00	16.40	0.06	0.57

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.36.c URCIS (Round 1) Data- o-Chlorotoluene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,781	679	548	136	0.44%	0.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	352	131	93	42	0.76%	0.00%	2.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR	2	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	2,874	938	869	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	1,062	148	135	19	0.68%	0.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	34	10	8	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	61	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	145	108	30	87	2.78%	6.67%	1.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,463	1,162	1,053	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,211	805	766	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	942	258	185	73	0.39%	0.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,939	365	327	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,312	524	291	233	0.57%	0.34%	0.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA													
MD	1,754	983	936	50	0.20%	0.00%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI													
MN	2,655	1,552	1,528	28	0.06%	0.00%	3.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	322	85	71	14	1.18%	0.00%	7.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
MT	1,623	565	523	57	0.18%	0.00%	1.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	0.67%	0.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE													
NH	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	3,146	1,505	1,480	25	0.33%	0.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,553	355	251	123	0.56%	0.40%	0.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	16,087	2,656	2,493	167	0.11%	0.12%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	444	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,221	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX													
UT	1,318	419	399	34	1.43%	1.25%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	374	134	62	73	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	54,950	16,212	14,514	1,854	0.23%	0.19%	0.59%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24 States	51,463	15,721	14,154	1,702	0.20%	0.16%	0.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the
The Maximum Contaminant Level (MCL) for o-Chlorotoluene is 100 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.37.a URCIS (Round 1) Data- o-Dichlorobenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	692	560	138	0.43%	0.36%	0.72%	0.00%	0.00%	0.00%	< 0.00
AL	131	93	42	1.53%	2.15%	0.00%	0.00%	0.00%	0.00%	< 0.50
AR										
AZ	937	868	105	0.11%	0.12%	0.00%	0.00%	0.00%	0.00%	< 5.00
CA	3,529	3,498	39	0.34%	0.17%	15.38%	0.00%	0.00%	0.00%	< 2.00
CO	10	7	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	13	11	2	7.69%	9.09%	0.00%	0.00%	0.00%	0.00%	< 0.50
FL	157	27	143	5.10%	3.70%	4.90%	0.00%	0.00%	0.00%	5.00
GA	1,162	1,053	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA	1,002	963	39	0.10%	0.10%	0.00%	0.00%	0.00%	0.00%	< 1.00
IL	1,299	1,185	114	0.54%	0.51%	0.88%	0.00%	0.00%	0.00%	< 1.00
IN	365	327	39	0.27%	0.31%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA										
MD	842	795	50	0.59%	0.38%	4.00%	0.00%	0.00%	0.00%	< 0.50
MI										
MN	1,565	1,540	29	0.06%	0.06%	0.00%	0.00%	0.00%	0.00%	< 1.00
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS										
MT	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NC	297	254	44	0.34%	0.39%	0.00%	0.00%	0.00%	0.00%	< 0.50
NE	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.50
NH										
NJ	1,525	1,500	25	0.39%	0.40%	0.00%	0.00%	0.00%	0.00%	< 1.00
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	356	252	123	0.28%	0.00%	0.81%	0.00%	0.00%	0.00%	< 1.00
OH	2,656	2,493	167	0.08%	0.08%	0.00%	0.00%	0.00%	0.00%	< 2.00
SD										
TN	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TX										
UT	412	392	34	1.21%	1.02%	2.94%	0.00%	0.00%	0.00%	< 5.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.60
WA	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	136	62	75	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.60
TOTAL	20,446	18,661	1,948	0.30%	0.23%	0.98%	0.00%	0.00%	0.00%	< 5.00
24 STATES	19,953	18,300	1,795	0.28%	0.20%	1.00%	0.00%	0.00%	0.00%	< 5.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for o-Dichlorobenzene is 600 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.37.b URCIS (Round 1) Data- o-Dichlorobenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	692	1,833	1,534	299	0.16%	0.13%	0.33%	< 0.00	< 0.00	0.60	0.20	0.20
AL	131	351	244	107	0.57%	0.82%	0.00%	< 0.50	< 0.50	2.00	0.70	1.35
AR												
AZ	937	2,878	2,238	640	0.03%	0.04%	0.00%	< 0.05	< 5.00	3.00	3.00	3.00
CA	3,529	11,784	11,695	89	0.16%	0.11%	6.74%	< 0.00	< 2.00	2.00	0.56	1.20
CO	10	34	30	4	0.00%	0.00%	0.00%	< 0.00	< 5.00	< 5.00		
DC	1	62	0	62	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.30%	0.53%	0.00%	< 0.30	< 0.50	0.40	0.40	0.40
FL	157	215	45	170	4.65%	6.67%	4.12%	< 0.00	5.00	10.00	0.10	3.00
GA	1,162	2,461	1,864	597	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA	1,002	1,907	1,696	211	0.05%	0.06%	0.00%	< 0.30	< 1.00	1.00	1.00	1.00
IL	1,299	5,269	4,265	1,004	0.46%	0.54%	0.10%	< 0.01	< 1.00	180.00	0.04	2.90
IN	365	1,943	1,518	425	0.10%	0.13%	0.00%	< 0.07	< 2.00	0.60	0.60	0.60
KY	524	2,311	1,172	1,139	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA												
MD	842	1,633	1,247	386	0.49%	0.40%	0.78%	< 0.10	< 0.50	39.60	0.10	0.70
MI												
MN	1,565	2,754	2,675	79	0.04%	0.04%	0.00%	< 0.10	< 1.00	0.50	0.50	0.50
MO	85	322	296	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS												
MT	565	1,624	1,376	248	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
NC	297	644	569	75	0.31%	0.35%	0.00%	< 0.17	< 0.50	0.20	0.17	0.19
NE	2	2	2	0	100.00%	100.00%	0.00%	0.40	0.50	0.50	0.40	0.45
NH												
NJ	1,525	3,215	2,856	359	0.25%	0.28%	0.00%	< 0.00	< 1.00	8.30	0.07	1.70
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	356	2,566	1,878	688	0.04%	0.00%	0.15%	< 0.03	< 1.00	6.36	6.36	6.36
OH	2,656	16,084	15,166	918	0.04%	0.04%	0.00%	< 0.08	< 2.00	2.00	0.50	0.65
SD												
TN	303	1,221	434	787	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
TX												
UT	412	1,270	1,160	110	0.71%	0.69%	0.91%	< 0.00	< 5.00	2.90	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	2	3	3	0	100.00%	100.00%	0.00%	0.50	0.60	0.60	0.50	0.60
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	136	387	160	227	0.00%	0.00%	0.00%	< 0.15	< 4.00	< 4.00		
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.20	< 0.60	< 1.00		
TOTAL	20,446	70,402	60,937	9,465	0.15%	0.14%	0.21%	< 0.00	< 5.00	180.00	0.04	1.00
24 States	19,953	66,900	58,385	8,515	0.14%	0.13%	0.22%	< 0.00	< 5.00	180.00	0.04	1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.37.c URCIS (Round 1) Data- o-Dichlorobenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,833	692	560	138	0.43%	0.36%	0.72%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	351	131	93	42	1.53%	2.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	2,878	937	868	105	0.11%	0.12%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	11,784	3,529	3,498	39	0.34%	0.17%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	34	10	7	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	62	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	7.69%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	215	157	27	143	5.10%	3.70%	4.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,461	1,162	1,053	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,907	1,002	963	39	0.10%	0.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	5,269	1,299	1,185	114	0.54%	0.51%	0.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,943	365	327	39	0.27%	0.31%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,311	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA													
MD	1,633	842	795	50	0.59%	0.38%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI													
MN	2,754	1,565	1,540	29	0.06%	0.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	322	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
MT	1,624	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	0.34%	0.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE	2	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH													
NJ	3,215	1,525	1,500	25	0.39%	0.40%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,566	356	252	123	0.28%	0.00%	0.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	16,084	2,656	2,493	167	0.08%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	1,221	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX													
UT	1,270	412	392	34	1.21%	1.02%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	3	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	387	136	62	75	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	70,402	20,446	18,661	1,948	0.30%	0.23%	0.98%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24 States	66,900	19,953	18,300	1,795	0.28%	0.20%	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the

The Maximum Contaminant Level (MCL) for o-Dichlorobenzene is 600 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.38.a URCIS (Round 1) Data- o-Xylene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	272	210	67	5.88%	6.67%	5.97%				33.00
AL	131	93	42	15.27%	16.13%	11.90%				5.60
AR	2	1	1	1	1	1				2.00
AZ	941	873	104	0.11%	0.11%	0.00%				< 5.00
CA	164	143	27	6.71%	4.20%	18.52%				2.10
CO	19	11	9	47.37%	36.36%	55.56%				14.62
DC	1	0	1	0.00%	0.00%	0.00%				< 0.50
DE	13	11	2	7.69%	9.09%	0.00%				< 0.50
FL	61	27	42	9.84%	18.52%	2.38%				4.00
GA	1,162	1,053	109	0.52%	0.57%	0.00%				< 0.50
HI	127	112	16	0.00%	0.00%	0.00%				< 0.30
IA	1,002	963	39	2.20%	2.08%	5.13%				1.00
IL	258	185	73	2.71%	3.78%	0.00%				0.17
IN	345	309	37	0.87%	0.32%	5.41%				< 1.00
KY	524	291	233	2.67%	2.75%	2.58%				1.00
LA	13	9	4	0.00%	0.00%	0.00%				< 0.50
MA	6	6	0	100.00%	100.00%	0.00%				2.50
MD	978	935	43	0.20%	0.11%	2.33%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for o-Xylene.			< 0.50
MI										
MN	1,550	1,526	28	2.32%	2.23%	7.14%				0.20
MO	85	71	14	5.88%	7.04%	0.00%				5.00
MS	35	35	0	100.00%	100.00%	0.00%				22.30
MT	41	27	17	9.76%	11.11%	5.88%				1.30
NC	297	254	44	5.72%	6.30%	2.27%				3.11
NE	20	20	0	100.00%	100.00%	0.00%				37.20
NH										
NJ	1,509	1,484	25	1.19%	1.21%	0.00%				< 1.00
NM	590	555	35	0.17%	0.18%	0.00%				< 1.00
NV	8	7	2	12.50%	14.29%	0.00%				< 0.20
NY	354	251	122	2.26%	0.80%	4.92%				< 1.00
OH	2,463	2,328	135	1.87%	1.93%	0.74%				< 1.00
SD										
TN	303	156	147	0.99%	0.64%	1.36%				< 0.50
TX	10	10	0	1	1	0				3.00
UT										
VI	3	0	3	0.00%	0.00%	0.00%				< 1.00
VT	5	4	1	60.00%	75.00%	0.00%				10.00
WA	992	937	77	0.91%	0.75%	2.60%				< 0.50
WV	132	61	72	0.00%	0.00%	0.00%				< 4.00
WY	145	116	38	2.76%	3.45%	0.00%				0.30
TOTAL	14,561	13,074	1,609	2.38%	2.30%	2.92%				< 10.00
24 STATES	13,987	12,638	1,450	1.76%	1.69%	2.41%				< 5.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.38.b URCIS (Round 1) Data- o-Xylene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE	99% VALUE	MAX VALUE	MIN DETECTS	MEDIAN DETECTS
AK	272	809	673	136	3.46%	3.27%	4.41%	< 0.00	33.00	720.00	0.20	3.40
AL	131	351	244	107	7.41%	8.61%	4.67%	< 0.50	5.60	8.00	0.50	1.15
AR	2	5	2	3	100.00%	100.00%	100.00%	0.6	2.00	2.00	0.60	1.00
AZ	941	2,907	2,261	646	0.03%	0.04%	0.00%	< 0.05	< 5.00	4.00	4.00	4.00
CA	164	1,161	1,088	73	1.72%	1.38%	6.85%	< 0.00	2.10	234.00	0.30	2.70
CO	19	47	34	13	25.53%	11.76%	61.54%	< 0.00	14.62	14.62	0.72	2.57
DC	1	46	0	46	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.30%	0.53%	0.00%	< 0.30	< 0.50	2.30	2.30	2.30
FL	61	86	41	45	6.98%	12.20%	2.22%	< 0.00	4.00	4.00	0.02	0.85
GA	1,162	2,465	1,866	599	0.37%	0.48%	0.00%	< 0.50	< 0.50	105.70	0.60	2.60
HI	127	1,219	1,079	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA	1,002	1,907	1,696	211	1.31%	1.36%	0.95%	< 0.40	1.00	5.00	0.50	1.00
IL	258	940	627	313	1.17%	1.75%	0.00%	< 0.02	0.17	1.18	0.02	1.00
IN	345	1,860	1,454	406	0.38%	0.28%	0.74%	< 0.08	< 1.00	2.40	0.52	1.40
KY	524	2,312	1,172	1,140	1.08%	0.68%	1.49%	< 0.50	1.00	150.00	1.00	4.00
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	6	6	6	0	100.00%	100.00%	0.00%	0.14	2.50	2.50	0.14	0.53
MD	978	1,581	1,274	307	0.13%	0.08%	0.33%	< 0.10	< 0.50	0.20	0.10	0.15
MI												
MN	1,550	2,644	2,577	67	1.55%	1.47%	4.48%	< 0.20	0.20	1.70	0.20	0.30
MO	85	321	295	26	1.87%	2.03%	0.00%	< 0.20	5.00	63.00	1.50	5.50
MS	35	38	38	0	100.00%	100.00%	0.00%	0.50	22.30	22.30	0.50	1.00
MT	41	64	37	27	6.25%	8.11%	3.70%	< 0.50	1.30	1.30	1.10	1.10
NC	297	644	569	75	3.26%	3.51%	1.33%	< 0.50	3.11	63.00	0.60	2.56
NE	20	26	26	0	100.00%	100.00%	0.00%	0.20	37.20	37.20	0.20	0.50
NH												
NJ	1,509	3,126	2,771	355	0.83%	0.94%	0.00%	< 0.00	< 1.00	290.00	0.20	1.13
NM	590	1,595	1,475	120	0.38%	0.41%	0.00%	< 0.00	< 1.00	4.30	1.10	2.30
NV	8	148	136	12	0.68%	0.74%	0.00%	< 0.20	< 0.20	0.40	0.40	0.40
NY	354	2,082	1,557	525	0.38%	0.13%	1.14%	< 0.10	< 1.00	15.50	0.60	0.80
OH	2,463	13,202	12,757	445	0.48%	0.49%	0.45%	< 0.20	< 1.00	185.00	0.20	1.05
SD												
TN	303	1,220	433	787	0.25%	0.23%	0.25%	< 0.02	< 0.50	1.10	0.30	0.80
TX	10	10	10	0	100.00%	100.00%	0.00%	1.00	3.00	3.00	1.00	2.00
UT												
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	5	7	6	1	57.14%	66.67%	0.00%	< 0.00	10.00	10.00	0.50	0.90
WA	992	3,987	3,656	331	0.40%	0.36%	0.91%	< 0.50	< 0.50	27.00	0.50	0.75
WV	132	362	143	219	0.00%	0.00%	0.00%	< 0.30	< 4.00	< 4.00		
WY	145	313	259	54	1.28%	1.54%	0.00%	< 0.20	0.30	17.00	0.30	1.40
TOTAL	14,561	47,856	40,469	7,387	0.97%	0.97%	0.93%	< 0.00	< 10.00	720.00	0.02	1.10
24 States	13,987	44,755	38,152	6,603	0.77%	0.77%	0.79%	< 0.00	< 5.00	720.00	0.02	1.10

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.38.c URCIS (Round 1) Data- o-Xylene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	809	272	210	67	5.88%	6.67%	5.97%						
AL	351	131	93	42	15.27%	16.13%	11.90%						
AR	5	2	1	1	100.00%	100.00%	100.00%						
AZ	2,907	941	873	104	0.11%	0.11%	0.00%						
CA	1,161	164	143	27	6.71%	4.20%	18.52%						
CO	47	19	11	9	47.37%	36.36%	55.56%						
DC	46	1	0	1	0.00%	0.00%	0.00%						
DE	333	13	11	2	7.69%	9.09%	0.00%						
FL	86	61	27	42	9.84%	18.52%	2.38%						
GA	2,465	1,162	1,053	109	0.52%	0.57%	0.00%						
HI	1,219	127	112	16	0.00%	0.00%	0.00%						
IA	1,907	1,002	963	39	2.20%	2.08%	5.13%						
IL	940	258	185	73	2.71%	3.78%	0.00%						
IN	1,860	345	309	37	0.87%	0.32%	5.41%						
KY	2,312	524	291	233	2.67%	2.75%	2.58%						
LA	22	13	9	4	0.00%	0.00%	0.00%						
MA	6	6	6	0	100.00%	100.00%	0.00%						
MD	1,581	978	935	43	0.20%	0.11%	2.33%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for o-Xylene.					
MI													
MN	2,644	1,550	1,526	28	2.32%	2.23%	7.14%						
MO	321	85	71	14	5.88%	7.04%	0.00%						
MS	38	35	35	0	100.00%	100.00%	0.00%						
MT	64	41	27	17	9.76%	11.11%	5.88%						
NC	644	297	254	44	5.72%	6.30%	2.27%						
NE	26	20	20	0	100.00%	100.00%	0.00%						
NH													
NJ	3,126	1,509	1,484	25	1.19%	1.21%	0.00%						
NM	1,595	590	555	35	0.17%	0.18%	0.00%						
NV	148	8	7	2	12.50%	14.29%	0.00%						
NY	2,082	354	251	122	2.26%	0.80%	4.92%						
OH	13,202	2,463	2,328	135	1.87%	1.93%	0.74%						
SD													
TN	1,220	303	156	147	0.99%	0.64%	1.36%						
TX	10	10	10	0	100.00%	100.00%	0.00%						
UT													
VI	10	3	0	3	0.00%	0.00%	0.00%						
VT	7	5	4	1	60.00%	75.00%	0.00%						
WA	3,987	992	937	77	0.91%	0.75%	2.60%						
WV	362	132	61	72	0.00%	0.00%	0.00%						
WY	313	145	116	38	2.76%	3.45%	0.00%						
TOTAL	47,856	14,561	13,074	1,609	2.38%	2.30%	2.92%						
24 States	44,755	13,987	12,638	1,450	1.76%	1.69%	2.41%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for la

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.39.a URCIS (Round 1) Data- p-Chlorotoluene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	679	548	136	0.44%	0.55%	0.74%	0.00%	0.00%	0.00%	< 0.00
AL	131	93	42	1.53%	1.08%	0.00%	0.00%	0.00%	0.00%	< 0.50
AR	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	1.64
AZ	938	869	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	148	135	19	0.68%	0.74%	0.00%	0.00%	0.00%	0.00%	< 0.50
CO	9	7	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
FL	108	30	87	2.78%	6.67%	1.15%	0.00%	0.00%	0.00%	1.00
GA	1,162	1,053	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	19	15	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA	804	765	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
IL	258	185	73	0.39%	0.54%	0.00%	0.00%	0.00%	0.00%	< 1.00
IN	365	327	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	0.38%	0.00%	0.86%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA										
MD	983	936	50	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MI										
MN	1,553	1,529	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	3.40
MT	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NC	297	254	44	1.01%	0.79%	2.27%	0.00%	0.00%	0.00%	< 0.50
NE	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	3.90
NH										
NJ	1,506	1,481	25	0.20%	0.20%	0.00%	0.00%	0.00%	0.00%	< 1.80
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	352	248	123	0.28%	0.40%	0.00%	0.00%	0.00%	0.00%	< 1.00
OH	2,655	2,492	167	0.11%	0.12%	0.00%	0.00%	0.00%	0.00%	< 1.00
SD	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TX										
UT	419	399	34	1.43%	1.25%	2.94%	0.00%	0.00%	0.00%	< 5.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.50
WA	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	133	62	72	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
TOTAL	16,100	14,414	1,841	0.20%	0.18%	0.33%	0.00%	0.00%	0.00%	< 1.00
24 STATES	15,612	14,057	1,689	0.17%	0.15%	0.36%	0.00%	0.00%	0.00%	< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type);
MRL= Minimum Reporting Limit (for laboratory analyses)
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for p-Chlorotoluene is 100 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.39.b URCIS (Round 1) Data- p-Chlorotoluene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	679	1,781	1,486	295	0.17%	0.20%	0.34%	< 0.00	< 0.00	1.60	0.50	0.50
AL	131	352	244	108	0.57%	0.41%	0.00%	< 0.50	< 0.50	0.80	0.60	0.70
AR	1	2	2	0	100.00%	100.00%	0.00%	0.4	1.64	1.64	0.40	1.02
AZ	938	2,874	2,233	641	0.00%	0.00%	0.00%	< 0.10	< 1.00	< 10.00		
CA	148	1,062	1,010	52	0.09%	0.10%	0.00%	< 0.00	< 0.50	0.50	0.50	0.50
CO	9	33	30	3	0.00%	0.00%	0.00%	< 0.02	< 5.00	< 5.00		
DC	1	62	0	62	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.00%	0.00%	0.00%	< 0.30	< 0.50	< 0.50		
FL	108	146	49	97	2.05%	4.08%	1.03%	< 0.00	1.00	2.00	0.50	1.00
GA	1,162	2,462	1,864	598	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
HI	19	60	33	27	0.00%	0.00%	0.00%	< 0.30	< 0.30	< 0.30		
IA	804	1,210	1,034	176	0.00%	0.00%	0.00%	< 0.30	< 1.00	< 1.00		
IL	258	941	628	313	0.32%	0.48%	0.00%	< 0.02	< 1.00	0.02	0.02	0.02
IN	365	1,939	1,514	425	0.00%	0.00%	0.00%	< 0.04	< 2.00	< 5.00		
KY	524	2,076	1,119	957	0.10%	0.00%	0.21%	< 0.50	< 1.00	3.60	1.20	2.40
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA												
MD	983	1,754	1,380	374	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 1.00		
MI												
MN	1,553	2,657	2,589	68	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 5.00		
MO	85	321	295	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	1	1	1	0	100.00%	100.00%	0.00%	3.40	3.40	3.40	3.40	3.40
MT	565	1,623	1,376	247	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
NC	297	644	569	75	0.47%	0.35%	1.33%	< 0.50	< 0.50	6.40	0.90	1.70
NE	1	2	2	0	100.00%	100.00%	0.00%	1.20	3.90	3.90	1.20	2.55
NH												
NJ	1,506	3,147	2,781	366	0.10%	0.11%	0.00%	< 0.00	< 1.80	3.38	0.15	1.70
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	352	2,519	1,840	679	0.04%	0.05%	0.00%	< 0.06	< 1.00	2.00	2.00	2.00
OH	2,655	16,084	15,164	920	0.02%	0.02%	0.00%	< 0.20	< 1.00	1.00	0.50	1.00
SD	335	444	363	81	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	303	1,212	426	786	0.00%	0.00%	0.00%	< 0.01	< 0.50	< 0.50		
TX												
UT	419	1,318	1,206	112	0.76%	0.75%	0.89%	< 0.10	< 5.00	1.00	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1	0	100.00%	100.00%	0.00%	0.50	0.50	0.50	0.50	0.50
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	133	373	149	224	0.00%	0.00%	0.00%	< 0.20	< 4.00	< 4.00		
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.20	< 0.30	< 1.00		
TOTAL	16,100	53,508	45,121	8,387	0.07%	0.08%	0.07%	< 0.00	< 1.00	6.40	0.02	0.55
24 States	15,612	50,054	42,607	7,447	0.07%	0.06%	0.08%	< 0.00	< 1.00	6.40	0.02	0.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.39.c URCIS (Round 1) Data- p-Chlorotoluene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,781	679	548	136	0.44%	0.55%	0.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	352	131	93	42	1.53%	1.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR	2	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	2,874	938	869	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	1,062	148	135	19	0.68%	0.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	33	9	7	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	62	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	146	108	30	87	2.78%	6.67%	1.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,462	1,162	1,053	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	60	19	15	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,210	804	765	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	941	258	185	73	0.39%	0.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,939	365	327	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,076	524	291	233	0.38%	0.00%	0.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA													
MD	1,754	983	936	50	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI													
MN	2,657	1,553	1,529	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	321	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT	1,623	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	1.01%	0.79%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE	2	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH													
NJ	3,147	1,506	1,481	25	0.20%	0.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,519	352	248	123	0.28%	0.40%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	16,084	2,655	2,492	167	0.11%	0.12%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	444	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,212	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX													
UT	1,318	419	399	34	1.43%	1.25%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	373	133	62	72	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	53,508	16,100	14,414	1,841	0.20%	0.18%	0.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24 States	50,054	15,612	14,057	1,689	0.17%	0.15%	0.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the

The Maximum Contaminant Level (MCL) for p-Chlorotoluene is 100 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.40.a URCIS (Round 1) Data- p-Dichlorobenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	706	573	139	2.55%	2.44%	2.88%	0.00%	0.00%	0.00%	< 0.00
AL	131	93	42	0.76%	0.00%	2.38%	0.00%	0.00%	0.00%	< 0.50
AR										
AZ	967	892	118	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	3,528	3,498	41	0.37%	0.26%	9.76%	0.00%	0.00%	0.00%	< 5.00
CO	13	10	4	30.77%	30.00%	25.00%	0.00%	0.00%	0.00%	14.00
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
DE	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
FL	116	10	107	5.17%	0.00%	5.61%	0.00%	0.00%	0.00%	5.00
GA	1,163	1,054	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA										
IL										
IN	390	345	46	0.77%	0.58%	2.17%	0.00%	0.00%	0.00%	< 2.00
KY	525	291	234	5.90%	6.19%	5.56%	0.00%	0.00%	0.00%	1.00
LA	13	9	4	7.69%	0.00%	25.00%	0.00%	0.00%	0.00%	4.38
MA										
MD	842	795	50	1.31%	1.01%	6.00%	0.00%	0.00%	0.00%	0.30
MI										
MN	1,564	1,539	29	3.45%	3.51%	0.00%	0.00%	0.00%	0.00%	0.60
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
MS	4	4	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.90
MT										
NC	297	254	44	6.06%	6.30%	4.55%	0.00%	0.00%	0.00%	2.70
NE	5	5	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	3.80
NH										
NJ	1,240	1,237	3	1.13%	1.13%	0.00%	0.00%	0.00%	0.00%	0.20
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	10	8	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NY	357	253	123	0.56%	0.00%	1.63%	0.00%	0.00%	0.00%	< 1.00
OH	1,687	1,557	134	1.01%	1.09%	0.00%	0.00%	0.00%	0.00%	< 2.00
SD										
TN										
TX	10	1	9	90.00%	100.00%	88.89%	0.00%	0.00%	0.00%	7.00
UT	417	395	36	1.20%	1.01%	2.78%	0.00%	0.00%	0.00%	< 5.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
VT										
WA	992	937	77	0.20%	0.11%	1.30%	0.00%	0.00%	0.00%	< 0.50
WV	68	31	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	144	116	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TOTAL	16,008	14,656	1,498	1.37%	1.17%	3.20%	0.00%	0.00%	0.00%	< 4.40
24 STATES	15,494	14,284	1,334	1.25%	1.11%	2.70%	0.00%	0.00%	0.00%	< 4.40

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.
The Maximum Contaminant Level (MCL) for p-Dichlorobenzene is 750 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.40.b URCIS (Round 1) Data- p-Dichlorobenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	706	2,050	1,737	313	0.93%	0.86%	1.28%	< 0.00	< 0.00	89.00	0.10	0.60
AL	131	352	244	108	0.28%	0.00%	0.93%	< 0.50	< 0.50	1.32	1.32	1.32
AR												
AZ	967	3,014	2,318	696	0.07%	0.09%	0.00%	< 0.05	< 1.00	10.00	10.00	10.00
CA	3,528	11,898	11,787	111	0.39%	0.36%	3.60%	< 0.00	< 5.00	4.20	0.20	0.93
CO	13	30	26	4	23.33%	23.08%	25.00%	< 0.00	14.00	14.00	0.19	0.47
DC	1	66	0	66	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
DE	13	333	189	144	0.00%	0.00%	0.00%	< 0.30	< 0.50	< 0.70		
FL	116	139	15	124	4.32%	0.00%	4.84%	< 0.00	5.00	10.00	0.10	5.00
GA	1,163	2,461	1,863	598	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA												
IL												
IN	390	2,343	1,790	553	0.26%	0.22%	0.36%	< 0.09	< 2.00	0.60	0.11	0.13
KY	525	3,681	1,406	2,275	1.20%	1.99%	0.70%	< 0.10	1.00	47.00	1.00	2.00
LA	13	22	18	4	4.55%	0.00%	25.00%	< 0.50	4.38	4.38	4.38	4.38
MA												
MD	842	1,633	1,247	386	1.22%	1.28%	1.04%	< 0.10	0.30	19.00	0.10	0.50
MI												
MN	1,564	2,750	2,671	79	2.22%	2.28%	0.00%	< 0.10	0.60	3.30	0.20	0.40
MO	85	323	297	26	0.00%	0.00%	0.00%	< 0.20	< 5.00	< 5.00		
MS	4	4	4	0	100.00%	100.00%	0.00%	0.50	0.90	0.90	0.50	0.50
MT												
NC	297	644	569	75	5.28%	5.27%	5.33%	< 0.50	2.70	6.00	0.60	1.20
NE	5	9	9	0	100.00%	100.00%	0.00%	0.50	3.80	3.80	0.50	0.80
NH												
NJ	1,240	1,767	1,758	9	1.25%	1.25%	0.00%	< 0.00	0.20	11.90	0.07	0.70
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	10	191	155	36	0.00%	0.00%	0.00%	< 0.05	< 0.50	< 0.50		
NY	357	2,571	1,882	689	0.12%	0.00%	0.44%	< 0.03	< 1.00	6.00	1.00	1.00
OH	1,687	6,367	5,754	613	0.38%	0.42%	0.00%	< 0.20	< 2.00	3.56	0.50	1.28
SD												
TN												
TX	10	14	2	12	92.86%	100.00%	91.67%	< 0.00	7.00	7.00	1.00	2.00
UT	417	1,272	1,159	113	0.71%	0.69%	0.88%	< 0.10	< 5.00	1.70	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
VT												
WA	992	3,987	3,656	331	0.08%	0.03%	0.60%	< 0.50	< 0.50	1.30	0.50	0.70
WV	68	192	86	106	0.00%	0.00%	0.00%	< 0.15	< 4.00	< 4.00		
WY	144	310	259	51	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
TOTAL	16,008	51,249	43,457	7,792	0.65%	0.63%	0.77%	< 0.00	< 4.40	89.00	0.07	1.00
24 States	15,494	47,676	40,875	6,801	0.62%	0.62%	0.65%	< 0.00	< 4.40	89.00	0.07	1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.40.c URCIS (Round 1) Data- p-Dichlorobenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	2,050	706	573	139	2.55%	2.44%	2.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	352	131	93	42	0.76%	0.00%	2.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	3,014	967	892	118	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	11,898	3,528	3,498	41	0.37%	0.26%	9.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	30	13	10	4	30.77%	30.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	66	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	139	116	10	107	5.17%	0.00%	5.61%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,461	1,163	1,054	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA													
IL													
IN	2,343	390	345	46	0.77%	0.58%	2.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	3,681	525	291	234	5.90%	6.19%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	7.69%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA													
MD	1,633	842	795	50	1.31%	1.01%	6.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI													
MN	2,750	1,564	1,539	29	3.45%	3.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	323	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	4	4	4	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT													
NC	644	297	254	44	6.06%	6.30%	4.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE	9	5	5	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH													
NJ	1,767	1,240	1,237	3	1.13%	1.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	191	10	8	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,571	357	253	123	0.56%	0.00%	1.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	6,367	1,687	1,557	134	1.01%	1.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN													
TX	14	10	1	9	90.00%	100.00%	88.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
UT	1,272	417	395	36	1.20%	1.01%	2.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT													
WA	3,987	992	937	77	0.20%	0.11%	1.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	192	68	31	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	310	144	116	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	51,249	16,008	14,656	1,498	1.37%	1.17%	3.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24 States	47,676	15,494	14,284	1,334	1.25%	1.11%	2.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for la
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy
The Maximum Contaminant Level (MCL) for p-Dichlorobenzene is 750 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.41.a URCIS (Round 1) Data- p-Isopropyltoluene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
AK	669	543	131	0.90%	1.10%	0.00%				< 0.00
AL										
AR										
AZ										
CA	143	131	18	0.70%	0.76%	0.00%				< 0.50
CO	6	4	3	16.67%	25.00%	0.00%				0.50
DC	1	0	1	0.00%	0.00%	0.00%				< 0.50
DE	10	8	2	0.00%	0.00%	0.00%				< 0.30
FL										
GA	1,162	1,053	109	0.09%	0.09%	0.00%				< 0.50
HI										
IA										
IL	213	149	64	0.47%	0.67%	0.00%				< 2.00
IN	355	319	37	0.00%	0.00%	0.00%				< 2.00
KY	524	291	233	0.19%	0.34%	0.00%				< 1.00
LA	13	9	4	0.00%	0.00%	0.00%				< 0.50
MA	1	0	1	100.00%	0.00%	100.00%				0.80
MD	983	936	50	0.10%	0.11%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for p-Isoproyltoluene.			< 0.50
MI										
MN	1,553	1,529	28	0.00%	0.00%	0.00%				< 0.50
MO	85	71	14	0.00%	0.00%	0.00%				< 2.00
MS										
MT										
NC	297	254	44	0.00%	0.00%	0.00%				< 0.50
NE	1	1	0	100.00%	100.00%	0.00%				0.80
NH	1	1	0	100.00%	100.00%	0.00%				1.70
NJ	783	772	11	0.38%	0.39%	0.00%				< 1.00
NM	590	555	35	0.00%	0.00%	0.00%				< 1.00
NV	8	7	2	0.00%	0.00%	0.00%				< 0.20
NY	356	252	123	0.28%	0.00%	0.81%				< 1.00
OH	2,653	2,490	166	0.26%	0.28%	0.00%				< 2.00
SD	335	306	29	0.30%	0.33%	0.00%				< 0.50
TN	303	156	147	0.33%	0.64%	0.00%				< 0.50
TX										
UT	410	390	34	1.46%	1.28%	2.94%				< 10.00
VI	3	0	3	0.00%	0.00%	0.00%				< 1.00
VT										
WA	992	937	77	0.10%	0.11%	0.00%				< 0.50
WV	57	26	31	0.00%	0.00%	0.00%				< 4.00
WY	145	116	38	0.00%	0.00%	0.00%				< 0.50
TOTAL	12,652	11,306	1,435	0.28%	0.28%	0.21%				< 2.00
24 STATES	12,167	10,953	1,282	0.25%	0.26%	0.08%				< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.41.b URCIS (Round 1) Data- p-Isopropyltoluene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	669	1,760	1,489	271	0.45%	0.54%	0.00%	< 0.00	< 0.00	11.80	0.10	0.35
AL												
AR												
AZ												
CA	143	1,108	1,057	51	0.09%	0.09%	0.00%	< 0.00	< 0.50	2.30	2.30	2.30
CO	6	9	6	3	11.11%	16.67%	0.00%	< 0.12	0.50	0.50	0.50	0.50
DC	1	48	0	48	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	10	53	44	9	0.00%	0.00%	0.00%	< 0.30	< 0.30	< 0.30		
FL												
GA	1,162	2,459	1,862	597	0.04%	0.05%	0.00%	< 0.50 <	< 0.50	0.70	0.70	0.70
HI												
IA												
IL	213	728	485	243	0.55%	0.82%	0.00%	< 0.01	< 2.00	2.00	0.01	0.03
IN	355	1,875	1,474	401	0.00%	0.00%	0.00%	< 0.10	< 2.00	< 5.00		
KY	524	2,075	1,119	956	0.05%	0.09%	0.00%	< 0.50	< 1.00	1.00	1.00	1.00
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	1	1	0	1	100.00%	0.00%	100.00%	0.08	0.80	0.08	0.08	0.08
MD	983	1,749	1,375	374	0.06%	0.07%	0.00%	< 0.10	< 0.50	1.00	0.10	0.10
MI												
MN	1,553	2,657	2,589	68	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 5.00		
MO	85	323	297	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS												
MT												
NC	297	644	569	75	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
NE	1	2	2	0	100.00%	100.00%	0.00%	0.20	0.80	0.80	0.20	0.50
NH	1	2	2	0	100.00%	100.00%	0.00%	1.20	1.70	1.70	1.20	1.45
NJ	783	1,604	1,417	187	0.19%	0.21%	0.00%	< 0.00	< 1.00	1.00	0.03	0.03
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	356	2,090	1,560	530	0.05%	0.00%	0.19%	< 0.10	< 1.00	10.00	2.00	2.00
OH	2,653	15,953	15,035	918	0.05%	0.05%	0.00%	< 0.20	< 2.00	5.00	0.20	0.95
SD	335	444	363	81	0.23%	0.28%	0.00%	< 0.26	< 0.50	0.50	0.26	0.26
TN	303	1,216	431	785	0.08%	0.23%	0.00%	< 0.01	< 0.50	1.00	1.00	1.00
TX												
UT	410	1,230	1,125	105	0.81%	0.80%	0.95%	< 0.10	< 10.00	10.00	0.10	0.50
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT												
WA	992	3,987	3,656	331	0.03%	0.03%	0.00%	< 0.50	< 0.50	0.60	0.60	0.60
WV	57	169	64	105	0.00%	0.00%	0.00%	< 0.50	< 4.00	< 4.00		
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 1.00		
TOTAL	12,652	44,274	37,909	6,365	0.11%	0.12%	0.05%	< 0.00	< 2.00	11.80	0.01	0.50
24 STATES	12,167	41,566	35,844	5,722	0.10%	0.11%	0.02%	< 0.00	< 2.00	11.80	0.01	0.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.41.c URCIS (Round 1) Data- p-Isopropyltoluene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK	1,760	669	543	131	0.90%	1.10%	0.00%						
AL													
AR													
AZ													
CA	1,108	143	131	18	0.70%	0.76%	0.00%						
CO	9	6	4	3	16.67%	25.00%	0.00%						
DC	48	1	0	1	0.00%	0.00%	0.00%						
DE	53	10	8	2	0.00%	0.00%	0.00%						
FL													
GA	2,459	1,162	1,053	109	0.09%	0.09%	0.00%						
HI													
IA													
IL	728	213	149	64	0.47%	0.67%	0.00%						
IN	1,875	355	319	37	0.00%	0.00%	0.00%						
KY	2,075	524	291	233	0.19%	0.34%	0.00%						
LA	22	13	9	4	0.00%	0.00%	0.00%						
MA	1	1	0	1	100.00%	0.00%	100.00%						
MD	1,749	983	936	50	0.10%	0.11%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for p-Isoproyltoluene.					
MI													
MN	2,657	1,553	1,529	28	0.00%	0.00%	0.00%						
MO	323	85	71	14	0.00%	0.00%	0.00%						
MS													
MT													
NC	644	297	254	44	0.00%	0.00%	0.00%						
NE	2	1	1	0	100.00%	100.00%	0.00%						
NH	2	1	1	0	100.00%	100.00%	0.00%						
NJ	1,604	783	772	11	0.38%	0.39%	0.00%						
NM	1,595	590	555	35	0.00%	0.00%	0.00%						
NV	148	8	7	2	0.00%	0.00%	0.00%						
NY	2,090	356	252	123	0.28%	0.00%	0.81%						
OH	15,953	2,653	2,490	166	0.26%	0.28%	0.00%						
SD	444	335	306	29	0.30%	0.33%	0.00%						
TN	1,216	303	156	147	0.33%	0.64%	0.00%						
TX													
UT	1,230	410	390	34	1.46%	1.28%	2.94%						
VI	10	3	0	3	0.00%	0.00%	0.00%						
VT													
WA	3,987	992	937	77	0.10%	0.11%	0.00%						
WV	169	57	26	31	0.00%	0.00%	0.00%						
WY	313	145	116	38	0.00%	0.00%	0.00%						
TOTAL	44,274	12,652	11,306	1,435	0.28%	0.28%	0.21%						
24 STATES	41,566	12,167	10,953	1,282	0.25%	0.26%	0.08%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.42.a URCIS (Round 1) Data- p-Xylene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	273	211	67	2.56%	2.84%	2.99%				3.50
AL	131	93	42	5.34%	6.45%	4.76%				2.50
AR										
AZ	942	874	104	0.11%	0.11%	0.00%				< 5.00
CA	1	1	0	0.00%	0.00%	0.00%				< 0.00
CO	13	10	4	23.08%	20.00%	25.00%				4.00
DC	1	0	1	0.00%	0.00%	0.00%				< 0.50
DE	13	11	2	0.00%	0.00%	0.00%				< 0.50
FL	58	26	39	5.17%	11.54%	0.00%				9.30
GA	1,162	1,053	109	0.52%	0.57%	0.00%				< 0.50
HI	37	33	5	0.00%	0.00%	0.00%				< 0.30
IA	265	246	19	0.75%	0.81%	0.00%				< 1.00
IL	258	185	73	3.10%	3.78%	1.37%				0.12
IN	180	151	30	0.00%	0.00%	0.00%				< 1.00
KY	524	291	233	4.77%	3.78%	6.01%				2.00
LA										
MA	8	8	0	87.50%	87.50%	0.00%				21.00
MD	978	935	43	0.41%	0.21%	4.65%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for p-Xylene.			< 0.50
MI										
MN										
MO	71	57	14	2.82%	3.51%	0.00%				5.00
MS										
MT	41	27	17	2.44%	0.00%	5.88%				2.80
NC	297	254	44	8.75%	10.24%	0.00%				4.30
NE	7	7	0	100.00%	100.00%	0.00%				64.10
NH										
NJ	1,508	1,483	25	1.13%	1.15%	0.00%				< 1.00
NM	590	555	35	0.34%	0.36%	0.00%				< 1.00
NV										
NY	257	168	106	1.95%	1.19%	2.83%				< 1.00
OH	2,450	2,323	127	1.96%	1.89%	3.15%				< 0.50
SD										
TN	302	155	147	0.99%	0.00%	2.04%				< 0.50
TX	2	2	0	1	1	0				69.00
UT										
VI										
VT										
WA										
WV	129	60	70	0.00%	0.00%	0.00%				< 4.00
WY	1	0	1	0.00%	0.00%	0.00%				< 1.00
TOTAL	10,499	9,219	1,357	1.77%	1.68%	2.43%				< 5.00
24 STATES	10,127	8,956	1,230	1.58%	1.49%	2.36%				< 5.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.42.b URCIS (Round 1) Data- p-Xylene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	273	793	662	131	1.39%	1.36%	1.53%	< 0.00	3.50	890.00	0.40	62.00
AL	131	351	244	107	2.56%	2.87%	1.87%	< 0.50	2.50	105.60	0.50	1.10
AR												
AZ	942	2,906	2,262	644	0.03%	0.04%	0.00%	< 0.05	< 5.00	3.00	3.00	3.00
CA	1	31	31	0	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
CO	13	38	34	4	7.89%	5.88%	25.00%	< 0.00	4.00	4.00	0.10	2.68
DC	1	46	0	46	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.60		
FL	58	81	38	43	3.70%	7.89%	0.00%	< 0.00	9.30	9.30	1.50	2.00
GA	1,162	2,464	1,865	599	0.37%	0.48%	0.00%	< 0.50	< 0.50	253.40	0.80	1.80
HI	37	84	55	29	0.00%	0.00%	0.00%	< 0.30	< 0.30	< 0.30		
IA	265	378	333	45	0.53%	0.60%	0.00%	< 0.20	< 1.00	0.70	0.70	0.70
IL	258	936	627	309	1.39%	1.91%	0.32%	< 0.02	0.12	2.00	0.02	0.60
IN	180	1,069	805	264	0.00%	0.00%	0.00%	< 0.10	< 1.00	< 4.00		
KY	524	2,305	1,172	1,133	1.87%	1.02%	2.74%	< 0.50	2.00	414.00	1.00	2.00
LA												
MA	8	9	9	0	88.89%	88.89%	0.00%	< 0.50	21.00	21.00	0.50	0.86
MD	978	1,581	1,274	307	0.44%	0.16%	1.63%	< 0.10	< 0.50	0.40	0.10	0.20
MI												
MN												
MO	71	228	202	26	4.39%	4.95%	0.00%	< 0.20	5.00	5.00	3.00	4.00
MS												
MT	41	67	40	27	1.49%	0.00%	3.70%	< 0.50	2.80	2.80	2.80	2.80
NC	297	644	569	75	4.04%	4.57%	0.00%	< 0.30	4.30	22.00	0.30	2.70
NE	7	7	7	0	100.00%	100.00%	0.00%	0.20	64.10	64.10	0.20	0.50
NH												
NJ	1,508	3,130	2,776	354	0.61%	0.68%	0.00%	< 0.00	< 1.00	62.20	0.08	0.73
NM	590	1,595	1,475	120	0.63%	0.68%	0.00%	< 0.00	< 1.00	9.60	0.20	1.40
NV												
NY	257	1,448	995	453	0.41%	0.20%	0.88%	< 0.10	< 1.00	4.10	0.50	0.90
OH	2,450	12,852	12,446	406	0.50%	0.48%	0.99%	< 0.20	< 0.50	105.00	0.30	1.06
SD												
TN	302	1,218	432	786	0.25%	0.00%	0.38%	< 0.01	< 0.50	3.10	0.80	2.20
TX	2	2	2	0	100.00%	100.00%	0.00%	9.00	69.00	69.00	9.00	39.00
UT												
VI												
VT												
WA												
WV	129	351	134	217	0.00%	0.00%	0.00%	< 0.50	< 4.00	< 4.00		
WY	1	3	0	3	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
TOTAL	10,499	34,950	28,678	6,272	0.74%	0.71%	0.86%	< 0.00	< 5.00	890.00	0.02	1.30
24 States	10,127	32,839	27,240	5,599	0.67%	0.63%	0.88%	< 0.00	< 5.00	890.00	0.02	1.20

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.42.c URCIS (Round 1) Data- p-Xylene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	793	273	211	67	2.56%	2.84%	2.99%						
AL	351	131	93	42	5.34%	6.45%	4.76%						
AR													
AZ	2,906	942	874	104	0.11%	0.11%	0.00%						
CA	31	1	1	0	0.00%	0.00%	0.00%						
CO	38	13	10	4	23.08%	20.00%	25.00%						
DC	46	1	0	1	0.00%	0.00%	0.00%						
DE	333	13	11	2	0.00%	0.00%	0.00%						
FL	81	58	26	39	5.17%	11.54%	0.00%						
GA	2,464	1,162	1,053	109	0.52%	0.57%	0.00%						
HI	84	37	33	5	0.00%	0.00%	0.00%						
IA	378	265	246	19	0.75%	0.81%	0.00%						
IL	936	258	185	73	3.10%	3.78%	1.37%						
IN	1,069	180	151	30	0.00%	0.00%	0.00%						
KY	2,305	524	291	233	4.77%	3.78%	6.01%						
LA													
MA	9	8	8	0	87.50%	87.50%	0.00%						
MD	1,581	978	935	43	0.41%	0.21%	4.65%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for p-Xylene.					
MI													
MN													
MO	228	71	57	14	2.82%	3.51%	0.00%						
MS													
MT	67	41	27	17	2.44%	0.00%	5.88%						
NC	644	297	254	44	8.75%	10.24%	0.00%						
NE	7	7	7	0	100.00%	100.00%	0.00%						
NH													
NJ	3,130	1,508	1,483	25	1.13%	1.15%	0.00%						
NM	1,595	590	555	35	0.34%	0.36%	0.00%						
NV													
NY	1,448	257	168	106	1.95%	1.19%	2.83%						
OH	12,852	2,450	2,323	127	1.96%	1.89%	3.15%						
SD													
TN	1,218	302	155	147	0.99%	0.00%	2.04%						
TX	2	2	2	0	100.00%	100.00%	0.00%						
UT													
VI													
VT													
WA													
WV	351	129	60	70	0.00%	0.00%	0.00%						
WY	3	1	0	1	0.00%	0.00%	0.00%						
TOTAL	34,950	10,499	9,219	1,357	1.77%	1.68%	2.43%						
24 States	32,839	10,127	8,956	1,230	1.58%	1.49%	2.36%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for labora

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.43.a URCIS (Round 1) Data- sec-Butylbenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	671	545	131	0.75%	0.92%	0.76%				< 0.00
AL	131	93	42	0.00%	0.00%	0.00%				< 0.50
AR										
AZ	449	408	47	0.89%	0.74%	0.00%				< 3.00
CA	145	133	18	0.69%	0.75%	0.00%				< 0.50
CO	5	3	3	0.00%	0.00%	0.00%				< 0.50
DC	1	0	1	0.00%	0.00%	0.00%				< 0.50
DE	10	8	2	0.00%	0.00%	0.00%				< 0.70
FL										
GA	1,162	1,053	109	0.00%	0.00%	0.00%				< 0.50
HI										
IA										
IL	213	149	64	0.47%	0.67%	0.00%				< 2.00
IN	357	321	37	0.00%	0.00%	0.00%				< 2.00
KY	524	291	233	0.00%	0.00%	0.00%				< 1.00
LA	13	9	4	0.00%	0.00%	0.00%				< 0.50
MA	2	2	0	50.00%	50.00%	0.00%				0.08
MD	983	936	50	0.10%	0.11%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for sec-Butylbenzene.			< 0.50
MI										
MN	1,553	1,529	28	0.00%	0.00%	0.00%				< 0.50
MO	85	71	14	0.00%	0.00%	0.00%				< 2.00
MS										
MT										
NC	297	254	44	0.00%	0.00%	0.00%				< 0.50
NE	1	1	0	100.00%	100.00%	0.00%				0.20
NH	1	1	0	100.00%	100.00%	0.00%				1.00
NJ	783	772	11	0.38%	0.39%	0.00%				< 1.00
NM	590	555	35	0.00%	0.00%	0.00%				< 1.00
NV	8	7	2	0.00%	0.00%	0.00%				< 0.20
NY	357	253	123	0.28%	0.40%	0.00%				< 1.00
OH	2,653	2,491	166	0.26%	0.28%	0.00%				< 2.00
SD	335	306	29	0.00%	0.00%	0.00%				< 0.50
TN	303	156	147	0.99%	0.64%	1.36%				< 0.50
TX										
UT										
VI	3	0	3	0.00%	0.00%	0.00%				< 1.00
VT										
WA	992	937	77	0.30%	0.32%	0.00%				< 0.50
WV	57	26	31	0.00%	0.00%	0.00%				< 4.00
WY	145	116	38	0.00%	0.00%	0.00%				< 0.40
TOTAL	12,829	11,426	1,489	0.25%	0.25%	0.20%				< 2.00
24 STATES	12,343	11,071	1,337	0.23%	0.23%	0.22%				< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.43.b URCIS (Round 1) Data- sec-Butylbenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	671	1,768	1,497	271	0.28%	0.33%	1.48%	< 0.00	< 0.00	1.70	0.30	0.50
AL	131	351	244	107	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
AR												
AZ	449	1,099	935	164	0.64%	0.32%	0.00%	< 0.05	< 3.00	10.00	0.05	10.00
CA	145	1,111	1,060	51	0.09%	0.09%	0.00%	< 0.00	< 0.50	0.60	0.60	0.60
CO	5	8	5	3	0.00%	0.00%	0.00%	< 0.13	< 0.50	< 0.50		
DC	1	48	0	48	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	10	53	44	9	0.00%	0.00%	0.00%	< 0.30	< 0.70	< 0.70		
FL												
GA	1,162	2,462	1,863	599	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI												
IA												
IL	213	728	485	243	0.55%	0.82%	0.00%	< 0.03	< 2.00	0.17	0.06	0.17
IN	357	1,889	1,486	403	0.00%	0.00%	0.00%	< 0.10	< 2.00	< 5.00		
KY	524	2,076	1,119	957	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	2	2	2	0	50.00%	50.00%	0.00%	< 0.08	0.08	0.08	0.08	0.08
MD	983	1,749	1,375	374	0.06%	0.07%	0.00%	< 0.20	< 0.50	0.20	0.20	0.20
MI												
MN	1,553	2,657	2,589	68	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 5.00		
MO	85	323	297	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS												
MT												
NC	297	644	569	75	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
NE	1	1	1	0	100.00%	100.00%	0.00%	0.20	0.20	0.20	0.20	0.20
NH	1	2	2	0	100.00%	100.00%	0.00%	0.81	1.00	1.00	0.81	0.91
NJ	783	1,604	1,417	187	0.19%	0.21%	0.00%	< 0.00	< 1.00	1.00	0.03	0.03
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	357	2,096	1,562	534	0.10%	0.13%	0.00%	< 0.10	< 1.00	2.10	1.10	1.60
OH	2,653	15,951	15,037	914	0.04%	0.05%	0.00%	< 0.00	< 2.00	2.00	0.30	2.00
SD	335	444	363	81	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	303	1,220	433	787	0.25%	0.23%	0.25%	< 0.02	< 0.50	19.80	1.50	10.10
TX												
UT												
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT												
WA	992	3,987	3,656	331	0.08%	0.08%	0.00%	< 0.50	< 0.50	0.90	0.50	0.70
WV	57	170	64	106	0.00%	0.00%	0.00%	< 0.50	< 4.00	< 4.00		
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.20	< 0.40	< 1.00		
TOTAL	12,829	44,531	37,993	6,538	0.09%	0.09%	0.09%	< 0.00	< 2.00	19.80	0.03	0.70
24 States	12,343	41,818	35,926	5,892	0.08%	0.08%	0.10%	< 0.00	< 2.00	19.80	0.03	0.70

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.43.c URCIS (Round 1) Data- sec-Butylbenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,768	671	545	131	0.75%	0.92%	0.76%						
AL	351	131	93	42	0.00%	0.00%	0.00%						
AR													
AZ	1,099	449	408	47	0.89%	0.74%	0.00%						
CA	1,111	145	133	18	0.69%	0.75%	0.00%						
CO	8	5	3	3	0.00%	0.00%	0.00%						
DC	48	1	0	1	0.00%	0.00%	0.00%						
DE	53	10	8	2	0.00%	0.00%	0.00%						
FL													
GA	2,462	1,162	1,053	109	0.00%	0.00%	0.00%						
HI													
IA													
IL	728	213	149	64	0.47%	0.67%	0.00%						
IN	1,889	357	321	37	0.00%	0.00%	0.00%						
KY	2,076	524	291	233	0.00%	0.00%	0.00%						
LA	22	13	9	4	0.00%	0.00%	0.00%						
MA	2	2	2	0	50.00%	50.00%	0.00%						
MD	1,749	983	936	50	0.10%	0.11%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for sec-Butylbenzene.					
MI													
MN	2,657	1,553	1,529	28	0.00%	0.00%	0.00%						
MO	323	85	71	14	0.00%	0.00%	0.00%						
MS													
MT													
NC	644	297	254	44	0.00%	0.00%	0.00%						
NE	1	1	1	0	100.00%	100.00%	0.00%						
NH	2	1	1	0	100.00%	100.00%	0.00%						
NJ	1,604	783	772	11	0.38%	0.39%	0.00%						
NM	1,595	590	555	35	0.00%	0.00%	0.00%						
NV	148	8	7	2	0.00%	0.00%	0.00%						
NY	2,096	357	253	123	0.28%	0.40%	0.00%						
OH	15,951	2,653	2,491	166	0.26%	0.28%	0.00%						
SD	444	335	306	29	0.00%	0.00%	0.00%						
TN	1,220	303	156	147	0.99%	0.64%	1.36%						
TX													
UT													
VI	10	3	0	3	0.00%	0.00%	0.00%						
VT													
WA	3,987	992	937	77	0.30%	0.32%	0.00%						
WV	170	57	26	31	0.00%	0.00%	0.00%						
WY	313	145	116	38	0.00%	0.00%	0.00%						
TOTAL	44,531	12,829	11,426	1,489	0.25%	0.25%	0.20%						
24 States	41,818	12,343	11,071	1,337	0.23%	0.23%	0.22%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for labora

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.44.a URCIS (Round 1) Data- Styrene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	683	551	137	1.02%	1.27%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	131	93	42	0.76%	0.00%	2.38%	0.00%	0.00%	0.00%	< 0.50
AR										
AZ	941	872	105	0.11%	0.00%	0.95%	0.00%	0.00%	0.00%	< 5.00
CA	184	166	24	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
CO	10	8	3	10.00%	12.50%	0.00%	0.00%	0.00%	0.00%	7.00
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
FL	216	40	197	6.02%	2.50%	6.09%	0.00%	0.00%	0.00%	2.00
GA	1,161	1,052	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA	1,002	963	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
IL	1,299	1,185	114	1.00%	0.93%	1.75%	0.00%	0.00%	0.00%	< 1.00
IN	366	328	39	0.27%	0.30%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA										
MD	842	795	50	0.12%	0.00%	2.00%	0.00%	0.00%	0.00%	< 0.50
MI										
MN	1,552	1,528	28	0.52%	0.52%	0.00%	0.00%	0.00%	0.00%	< 0.50
MO	85	71	14	1.18%	1.41%	0.00%	0.00%	0.00%	0.00%	8.00
MS	4	4	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.70
MT	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NC	297	254	44	0.34%	0.39%	0.00%	0.00%	0.00%	0.00%	< 0.50
NE	22	22	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	6.20
NH										
NJ	1,496	1,471	25	0.40%	0.34%	4.00%	0.00%	0.00%	0.00%	< 2.00
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	357	253	123	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
OH	2,655	2,492	167	0.75%	0.80%	0.00%	0.00%	0.00%	0.00%	< 1.00
SD										
TN	303	156	147	2.31%	0.00%	4.76%	0.00%	0.00%	0.00%	< 0.50
TX	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	2.80
UT	415	395	34	1.69%	1.52%	2.94%	0.00%	0.00%	0.00%	< 10.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.50
WA	992	937	77	0.20%	0.21%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	137	63	75	0.73%	1.59%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	4.14%	3.45%	5.26%	0.00%	0.00%	0.00%	0.50
TOTAL	17,141	15,325	1,984	0.73%	0.63%	1.41%	0.00%	0.00%	0.00%	< 2.00
24 STATES	16,623	14,938	1,832	0.57%	0.45%	1.53%	0.00%	0.00%	0.00%	< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type);
MRL= Minimum Reporting Limit (for laboratory analyses)
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.
The Maximum Contaminant Level (MCL) for Styrene is 100 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.44.b URCIS (Round 1) Data- Styrene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE	99% VALUE	MAX VALUE	MIN DETECTS	MEDIAN DETECTS
AK	683	1,836	1,540	296	0.38%	0.45%	0.00%	< 0.00	< 0.00	1.80	0.20	0.50
AL	131	351	244	107	0.28%	0.00%	0.93%	< 0.50	< 0.50	0.70	0.70	0.70
AR												
AZ	941	2,879	2,239	640	0.03%	0.00%	0.16%	< 0.01	< 5.00	5.00	5.00	5.00
CA	184	1,167	1,104	63	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 5.00		
CO	10	34	31	3	2.94%	3.23%	0.00%	< 0.04	7.00	7.00	7.00	7.00
DC	1	62	0	62	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.00%	0.00%	0.00%	< 0.30	< 0.50	< 0.50		
FL	216	305	62	243	4.59%	3.23%	4.94%	< 0.00	2.00	13.00	0.01	1.00
GA	1,161	2,462	1,863	599	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA	1,002	1,908	1,697	211	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
IL	1,299	5,266	4,263	1,003	0.30%	0.33%	0.20%	< 0.03	< 1.00	2.20	0.03	1.40
IN	366	1,930	1,509	421	0.05%	0.07%	0.00%	< 0.05	< 2.00	0.26	0.26	0.26
KY	524	2,312	1,172	1,140	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA												
MD	842	1,633	1,247	386	0.06%	0.00%	0.26%	< 0.20	< 0.50	19.50	19.50	19.50
MI												
MN	1,552	2,652	2,584	68	0.34%	0.35%	0.00%	< 0.20	< 0.50	2.20	0.30	0.50
MO	85	323	297	26	2.48%	2.69%	0.00%	< 0.20	8.00	10.00	4.00	7.50
MS	4	5	5	0	100.00%	100.00%	0.00%	0.50	0.70	0.70	0.50	0.50
MT	565	1,623	1,376	247	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
NC	297	644	569	75	0.16%	0.18%	0.00%	< 0.50	< 0.50	0.60	0.60	0.60
NE	22	26	26	0	100.00%	100.00%	0.00%	0.20	6.20	6.20	0.20	0.30
NH												
NJ	1,496	3,110	2,755	355	0.23%	0.22%	0.28%	< 0.00	< 2.00	7.40	0.15	0.58
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	357	2,099	1,565	534	0.00%	0.00%	0.00%	< 0.04	< 1.00	< 10.00		
OH	2,655	16,087	15,167	920	0.12%	0.13%	0.00%	< 0.05	< 1.00	69.00	0.50	2.00
SD												
TN	303	1,220	433	787	0.57%	0.00%	0.89%	< 0.01	< 0.50	5.60	0.50	0.80
TX	1	1	1	0	100.00%	100.00%	0.00%	2.80	2.80	2.80	2.80	2.80
UT	415	1,281	1,170	111	0.86%	0.85%	0.90%	< 0.00	< 10.00	2.70	0.50	0.50
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1	0	100.00%	100.00%	0.00%	0.50	0.50	0.50	0.50	0.50
WA	992	3,987	3,656	331	0.10%	0.11%	0.00%	< 0.50	< 0.50	1.10	0.60	0.60
WV	137	389	164	225	0.26%	0.61%	0.00%	< 0.30	< 4.00	7.00	7.00	7.00
WY	145	313	259	54	2.24%	1.93%	3.70%	< 0.00	0.50	2.20	0.20	0.50
TOTAL	17,141	59,235	49,898	9,337	0.25%	0.24%	0.30%	< 0.00	< 2.00	69.00	0.01	0.60
24 States	16,623	56,171	47,629	8,542	0.19%	0.17%	0.33%	< 0.00	< 2.00	69.00	0.01	0.80

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.44.c URCIS (Round 1) Data- Styrene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,836	683	551	137	1.02%	1.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	351	131	93	42	0.76%	0.00%	2.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	2,879	941	872	105	0.11%	0.00%	0.95%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	1,167	184	166	24	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	34	10	8	3	10.00%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	62	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	305	216	40	197	6.02%	2.50%	6.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,462	1,161	1,052	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,908	1,002	963	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	5,266	1,299	1,185	114	1.00%	0.93%	1.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,930	366	328	39	0.27%	0.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,312	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA													
MD	1,633	842	795	50	0.12%	0.00%	2.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI													
MN	2,652	1,552	1,528	28	0.52%	0.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	323	85	71	14	1.18%	1.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	5	4	4	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT	1,623	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	0.34%	0.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE	26	22	22	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH													
NJ	3,110	1,496	1,471	25	0.40%	0.34%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,099	357	253	123	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	16,087	2,655	2,492	167	0.75%	0.80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	1,220	303	156	147	2.31%	0.00%	4.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
UT	1,281	415	395	34	1.69%	1.52%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	0.20%	0.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	389	137	63	75	0.73%	1.59%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	4.14%	3.45%	5.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	59,235	17,141	15,325	1,984	0.73%	0.63%	1.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24 States	56,171	16,623	14,938	1,832	0.57%	0.45%	1.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the
The Maximum Contaminant Level (MCL) for Styrene is 100 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.45.a URCIS (Round 1) Data- tert-Butylbenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	671	545	131	0.45%	0.55%	0.00%				< 0.00
AL	131	93	42	3.82%	4.30%	2.38%				1.00
AR										
AZ	448	407	47	0.89%	0.74%	2.13%				< 3.00
CA	144	132	18	0.00%	0.00%	0.00%				< 0.50
CO	5	3	3	0.00%	0.00%	0.00%				< 0.50
DC	1	0	1	0.00%	0.00%	0.00%				< 0.50
DE	10	8	2	0.00%	0.00%	0.00%				< 0.30
FL										
GA	1,163	1,054	109	0.09%	0.09%	0.00%				< 0.50
HI										
IA										
IL	213	149	64	0.47%	0.67%	0.00%				< 2.00
IN	357	321	37	0.00%	0.00%	0.00%				< 2.00
KY	524	291	233	0.00%	0.00%	0.00%				< 1.00
LA	13	9	4	0.00%	0.00%	0.00%				< 0.50
MA										
MD	983	936	50	0.10%	0.11%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for tert-Butylbenzene.			< 0.50
MI										
MN	1,553	1,529	28	0.06%	0.07%	0.00%				< 0.50
MO	85	71	14	0.00%	0.00%	0.00%				< 2.00
MS	2	2	0	100.00%	100.00%	0.00%				2.40
MT										
NC	297	254	44	0.00%	0.00%	0.00%				< 0.50
NE										
NH										
NJ	793	782	11	0.50%	0.51%	0.00%				< 1.00
NM	590	555	35	0.00%	0.00%	0.00%				< 1.00
NV	8	7	2	0.00%	0.00%	0.00%				< 0.20
NY	356	252	123	0.28%	0.40%	0.00%				< 1.00
OH	2,654	2,492	166	0.08%	0.08%	0.00%				< 2.00
SD	335	306	29	0.00%	0.00%	0.00%				< 0.50
TN	303	156	147	0.33%	0.00%	0.68%				< 0.50
TX										
UT										
VI	3	0	3	0.00%	0.00%	0.00%				< 1.00
VT										
WA	992	937	77	0.10%	0.11%	0.00%				< 0.50
WV	57	26	31	0.00%	0.00%	0.00%				< 4.00
WY	145	116	38	0.00%	0.00%	0.00%				< 0.40
TOTAL	12,836	11,433	1,489	0.21%	0.21%	0.20%				< 2.00
24 STATES	12,353	11,081	1,337	0.19%	0.19%	0.22%				< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.45.b URCIS (Round 1) Data- tert-Butylbenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	671	1,768	1,497	271	0.17%	0.20%	0.00%	< 0.00	< 0.00	0.70	0.50	0.50
AL	131	351	244	107	1.99%	2.46%	0.93%	< 0.50	1.00	9.00	0.70	1.00
AR												
AZ	448	1,099	935	164	0.64%	0.32%	2.44%	< 0.05	< 3.00	10.00	0.05	10.00
CA	144	1,109	1,058	51	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
CO	5	8	5	3	0.00%	0.00%	0.00%	< 0.14	< 0.50	< 0.50		
DC	1	48	0	48	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	10	53	44	9	0.00%	0.00%	0.00%	< 0.30	< 0.30	< 0.30		
FL												
GA	1,163	2,462	1,865	597	0.08%	0.11%	0.00%	< 0.50	< 0.50	1.80	0.50	1.15
HI												
IA												
IL	213	728	485	243	0.55%	0.82%	0.00%	< 0.02	< 2.00	0.15	0.02	0.15
IN	357	1,889	1,486	403	0.00%	0.00%	0.00%	< 0.10	< 2.00	< 5.00		
KY	524	2,076	1,119	957	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA												
MD	983	1,749	1,375	374	0.06%	0.07%	0.00%	< 0.10	< 0.50	0.10	0.10	0.10
MI												
MN	1,553	2,657	2,589	68	0.04%	0.04%	0.00%	< 0.20	< 0.50	0.50	0.50	0.50
MO	85	323	297	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	2	2	2	0	100.00%	100.00%	0.00%	1.00	2.40	2.40	1.00	1.70
MT												
NC	297	644	569	75	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
NE												
NH												
NJ	793	1,618	1,431	187	0.25%	0.28%	0.00%	< 0.00	< 1.00	1.09	0.05	0.53
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	356	2,091	1,561	530	0.05%	0.06%	0.00%	< 0.10	< 1.00	0.60	0.60	0.60
OH	2,654	15,953	15,035	918	0.01%	0.01%	0.00%	< 0.20	< 2.00	2.00	2.00	2.00
SD	335	444	363	81	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	303	1,221	434	787	0.08%	0.00%	0.13%	< 0.06	< 0.50	3.50	3.50	3.50
TX												
UT												
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT												
WA	992	3,987	3,656	331	0.03%	0.03%	0.00%	< 0.50	< 0.50	0.50	0.50	0.50
WV	57	170	64	106	0.00%	0.00%	0.00%	< 0.50	< 4.00	< 4.00		
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.20	< 0.40	< 1.00		
TOTAL	12,836	44,538	38,002	6,536	0.08%	0.08%	0.09%	< 0.00	< 2.00	10.00	0.02	0.80
24 States	12,353	41,833	35,939	5,894	0.08%	0.08%	0.10%	< 0.00	< 2.00	10.00	0.02	0.80

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.45.c URCIS (Round 1) Data- tert-Butylbenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,768	671	545	131	0.45%	0.55%	0.00%						
AL	351	131	93	42	3.82%	4.30%	2.38%						
AR													
AZ	1,099	448	407	47	0.89%	0.74%	2.13%						
CA	1,109	144	132	18	0.00%	0.00%	0.00%						
CO	8	5	3	3	0.00%	0.00%	0.00%						
DC	48	1	0	1	0.00%	0.00%	0.00%						
DE	53	10	8	2	0.00%	0.00%	0.00%						
FL													
GA	2,462	1,163	1,054	109	0.09%	0.09%	0.00%						
HI													
IA													
IL	728	213	149	64	0.47%	0.67%	0.00%						
IN	1,889	357	321	37	0.00%	0.00%	0.00%						
KY	2,076	524	291	233	0.00%	0.00%	0.00%						
LA	22	13	9	4	0.00%	0.00%	0.00%						
MA													
MD	1,749	983	936	50	0.10%	0.11%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for tert-Butylbenzene.					
MI													
MN	2,657	1,553	1,529	28	0.06%	0.07%	0.00%						
MO	323	85	71	14	0.00%	0.00%	0.00%						
MS	2	2	2	0	100.00%	100.00%	0.00%						
MT													
NC	644	297	254	44	0.00%	0.00%	0.00%						
NE													
NH													
NJ	1,618	793	782	11	0.50%	0.51%	0.00%						
NM	1,595	590	555	35	0.00%	0.00%	0.00%						
NV	148	8	7	2	0.00%	0.00%	0.00%						
NY	2,091	356	252	123	0.28%	0.40%	0.00%						
OH	15,953	2,654	2,492	166	0.08%	0.08%	0.00%						
SD	444	335	306	29	0.00%	0.00%	0.00%						
TN	1,221	303	156	147	0.33%	0.00%	0.68%						
TX													
UT													
VI	10	3	0	3	0.00%	0.00%	0.00%						
VT													
WA	3,987	992	937	77	0.10%	0.11%	0.00%						
WV	170	57	26	31	0.00%	0.00%	0.00%						
WY	313	145	116	38	0.00%	0.00%	0.00%						
TOTAL	44,538	12,836	11,433	1,489	0.21%	0.21%	0.20%						
24 States	41,833	12,353	11,081	1,337	0.19%	0.19%	0.22%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for l

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.46.a URCIS (Round 1) Data- 1,1,1,2- Tetrachloroethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > HAL	% GW PWS > HAL	% SW PWS > HAL	99% VALUE (µg/L)
AK	660	531	134	0.15%	0.19%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	131	93	42	4.58%	1.08%	11.90%	0.00%	0.00%	0.00%	0.60
AR										
AZ	940	871	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	148	133	21	2.03%	2.26%	0.00%	0.00%	0.00%	0.00%	< 0.50
CO	9	7	4	22.22%	14.29%	25.00%	0.00%	0.00%	0.00%	4.50
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
FL	115	28	98	0.87%	0.00%	1.02%	0.00%	0.00%	0.00%	< 0.00
GA	1,161	1,052	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.79%	0.00%	6.25%	0.00%	0.00%	0.00%	< 0.30
IA	1,002	963	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
IL	1,302	1,187	115	0.23%	0.25%	0.00%	0.00%	0.00%	0.00%	< 1.00
IN	365	327	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA										
MD	978	934	45	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MI										
MN	1,565	1,540	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS										
MT	565	523	57	0.18%	0.00%	1.75%	0.00%	0.00%	0.00%	< 1.00
NC	297	254	44	1.01%	0.79%	2.27%	0.00%	0.00%	0.00%	< 0.50
NE										
NH										
NJ	1,499	1,474	25	0.27%	0.27%	0.00%	0.00%	0.00%	0.00%	< 1.00
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	355	252	122	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
OH	2,655	2,492	167	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TX										
UT	420	400	34	1.67%	1.50%	2.94%	0.00%	0.00%	0.00%	< 10.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.50
WA	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	137	63	75	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	0.69%	0.00%	2.63%	0.00%	0.00%	0.00%	< 1.00
TOTAL	17,444	15,696	1,905	0.19%	0.14%	0.63%	0.00%	0.00%	0.00%	< 1.00
24 STATES	16,956	15,338	1,753	0.18%	0.13%	0.63%	0.00%	0.00%	0.00%	< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type);
MRL= Minimum Reporting Limit (for laboratory analyses)

"% > HAL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HAL.
The Health Advisory Limit (HAL) for 1,1,1,2- Tetrachloroethane is 0.07 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.46.b URCIS (Round 1) Data- 1,1,1,2- Tetrachloroethane Occurrence in Public Water Systems- Based on Number of Samp

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	660	1,602	1,316	286	0.06%	0.08%	0.00%	< 0.00	< 0.00	0.59	0.59	0.59
AL	131	351	244	107	1.99%	0.41%	5.61%	< 0.50	0.60	6.10	0.50	0.60
AR												
AZ	940	2,876	2,235	641	0.00%	0.00%	0.00%	< 0.10	< 1.00	< 10.00		
CA	148	1,063	1,009	54	0.38%	0.40%	0.00%	< 0.00	< 0.50	7.00	0.50	0.55
CO	9	35	31	4	5.71%	3.23%	25.00%	< 0.05	4.50	4.50	0.32	2.41
DC	1	62	0	62	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
DE	13	333	189	144	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
FL	115	158	46	112	0.63%	0.00%	0.89%	< 0.00	< 0.00	1.00	1.00	1.00
GA	1,161	2,462	1,864	598	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,221	1,081	140	0.16%	0.00%	1.43%	< 0.00	< 0.30	1.20	1.20	1.20
IA	1,002	1,909	1,697	212	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
IL	1,302	6,001	5,034	967	0.08%	0.10%	0.00%	< 0.06	< 1.00	0.50	0.06	0.12
IN	365	1,929	1,508	421	0.00%	0.00%	0.00%	< 0.06	< 2.00	< 5.00		
KY	524	2,076	1,119	957	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA												
MD	978	1,595	1,277	318	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
MI												
MN	1,565	2,757	2,678	79	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 2.00		
MO	85	323	297	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS												
MT	565	1,624	1,376	248	0.06%	0.00%	0.40%	< 0.50	< 1.00	1.66	1.66	1.66
NC	297	644	569	75	0.47%	0.35%	1.33%	< 0.50	< 0.50	7.00	0.60	1.02
NE												
NH												
NJ	1,499	3,115	2,760	355	0.19%	0.22%	0.00%	< 0.00	< 1.00	9.20	0.70	1.55
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	355	2,156	1,614	542	0.00%	0.00%	0.00%	< 0.05	< 1.00	< 10.00		
OH	2,655	16,085	15,165	920	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 1.00		
SD	335	444	363	81	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	303	1,220	433	787	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
TX												
UT	420	1,318	1,205	113	0.91%	0.91%	0.88%	< 0.00	< 10.00	1.00	0.30	0.50
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1	0	100.00%	100.00%	0.00%	0.50	0.50	0.50	0.50	0.50
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	137	389	164	225	0.00%	0.00%	0.00%	< 0.03	< 4.00	< 4.00		
WY	145	313	259	54	0.32%	0.00%	1.85%	< 0.20	< 1.00	0.20	0.20	0.20
TOTAL	17,444	59,824	50,819	9,005	0.08%	0.06%	0.16%	< 0.00	< 1.00	9.20	0.06	0.57
24 States	16,956	56,734	48,533	8,201	0.08%	0.06%	0.16%	< 0.00	< 1.00	9.20	0.06	0.59

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.46.c URCIS (Round 1) Data- 1,1,1,2- Tetrachloroethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HAL	% GW PWS > 1/2 HAL	% SW PWS > 1/2 HAL	% PWS > HAL	% GW PWS > HAL	% SW PWS > HAL
AK	1,602	660	531	134	0.15%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	351	131	93	42	4.58%	1.08%	11.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	2,876	940	871	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	1,063	148	133	21	2.03%	2.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	35	9	7	4	22.22%	14.29%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	62	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	158	115	28	98	0.87%	0.00%	1.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,462	1,161	1,052	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	0.79%	0.00%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,909	1,002	963	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	6,001	1,302	1,187	115	0.23%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,929	365	327	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,076	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA													
MD	1,595	978	934	45	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI													
MN	2,757	1,565	1,540	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	323	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
MT	1,624	565	523	57	0.18%	0.00%	1.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	1.01%	0.79%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE													
NH													
NJ	3,115	1,499	1,474	25	0.27%	0.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,156	355	252	122	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	16,085	2,655	2,492	167	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	444	335	306	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,220	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX													
UT	1,318	420	400	34	1.67%	1.50%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	389	137	63	75	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	0.69%	0.00%	2.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	59,824	17,444	15,696	1,905	0.19%	0.14%	0.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24 States	56,734	16,956	15,338	1,753	0.18%	0.13%	0.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for labora
"% > HAL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HAL.
The Health Advisory Limit (HAL) for 1,1,1,2- Tetrachloroethane is 0.07 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.47.a URCIS (Round 1) Data- 1,1,2,2-Tetrachloroethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > HAL	% GW PWS > HAL	% SW PWS > HAL	99% VALUE (µg/L)
AK	661	532	134	0.30%	0.19%	0.75%	0.30%	0.19%	0.75%	< 0.00
AL	131	93	42	2.29%	2.15%	2.38%	0.00%	0.00%	0.00%	< 0.50
AR										
AZ	944	874	106	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
CA	3,522	3,495	37	0.31%	0.31%	0.00%	0.09%	0.09%	0.00%	< 0.50
CO	9	7	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	13	11	2	15.38%	18.18%	0.00%	7.69%	9.09%	0.00%	< 0.50
FL	217	42	196	4.15%	4.76%	3.57%	0.00%	0.00%	0.00%	1.00
GA	1,161	1,052	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA	1,002	963	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
IL	1,302	1,187	115	0.46%	0.25%	2.61%	0.08%	0.00%	0.87%	< 1.00
IN	311	280	32	0.64%	0.71%	0.00%	0.32%	0.36%	0.00%	< 2.00
KY	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	2	1	1	100.00%	100.00%	100.00%	50.00%	0.00%	100.00%	2.20
MD	986	940	51	0.10%	0.00%	1.96%	0.00%	0.00%	0.00%	< 0.50
MI	1	1	0	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%	13.00
MN	1,565	1,540	29	0.19%	0.19%	0.00%	0.00%	0.00%	0.00%	< 1.00
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS										
MT	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NC	297	254	44	0.34%	0.39%	0.00%	0.00%	0.00%	0.00%	< 0.50
NE	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	1.20
NH										
NJ	1,511	1,486	25	0.40%	0.40%	0.00%	0.26%	0.27%	0.00%	< 1.00
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	12.50%	14.29%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	355	252	122	0.56%	0.40%	0.82%	0.28%	0.40%	0.00%	< 1.00
OH	2,656	2,493	167	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	< 1.00
SD	335	306	29	11.64%	11.11%	17.24%	0.00%	0.00%	0.00%	0.15
TN	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TX										
UT	423	403	34	1.65%	1.49%	2.94%	0.00%	0.00%	0.00%	5.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	1.10
WA	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	137	63	75	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.40
TOTAL	20,899	19,054	2,019	0.48%	0.42%	1.04%	0.07%	0.06%	0.15%	< 1.00
24 STATES	20,407	18,693	1,867	0.45%	0.39%	1.02%	0.05%	0.05%	0.11%	< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type);
MRL= Minimum Reporting Limit (for laboratory analyses)

"% > HAL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HAL.
The Health Advisory Level (HAL) for 1,1,2,2-Tetrachloroethane is 2 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.47.b URCIS (Round 1) Data- 1,1,2,2-Tetrachloroethane Occurrence in Public Water Systems- Based on Number of Sampl

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	661	1,610	1,323	287	0.12%	0.08%	0.35%	< 0.00	< 0.00	200.00	49.00	124.50
AL	131	351	244	107	0.85%	0.82%	0.93%	< 0.50	< 0.50	0.90	0.50	0.80
AR												
AZ	944	2,932	2,272	660	0.00%	0.00%	0.00%	< 0.05	< 2.00	< 10.00		
CA	3,522	11,667	11,564	103	0.12%	0.12%	0.00%	< 0.00	< 0.50	5.80	0.50	1.55
CO	9	33	30	3	0.00%	0.00%	0.00%	< 0.04	< 5.00	< 5.00		
DC	1	62		62	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.60%	1.06%	0.00%	< 0.20	< 0.50	9.00	0.40	4.70
FL	217	315	70	245	3.17%	4.29%	2.86%	< 0.00	1.00	1.00	0.05	0.80
GA	1,161	2,460	1,861	599	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA	1,002	1,908	1,697	211	0.00%	0.00%	0.00%	< 0.40	< 1.00	< 1.00		
IL	1,302	6,002	5,035	967	0.10%	0.06%	0.31%	< 0.02	< 1.00	2.50	0.11	0.50
IN	311	1,724	1,338	386	0.17%	0.22%	0.00%	< 0.10	< 2.00	2.74	0.49	0.88
KY	524	2,076	1,119	957	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	2	2	1	1	100.00%	100.00%	100.00%	0.63	2.20	2.20	0.63	1.42
MD	986	1,909	1,441	468	0.05%	0.00%	0.21%	< 0.10	< 0.50	0.20	0.20	0.20
MI	1	1	1	0	100.00%	100.00%	0.00%	13.00	13.00	13.00	13.00	13.00
MN	1,565	2,756	2,677	79	0.11%	0.11%	0.00%	< 0.20	< 1.00	0.20	0.20	0.20
MO	85	323	297	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS												
MT	565	1,624	1,376	248	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
NC	297	644	569	75	0.16%	0.18%	0.00%	< 0.07	< 0.50	0.07	0.07	0.07
NE	1	1	1	0	100.00%	100.00%	0.00%	1.20	1.20	1.20	1.20	1.20
NH												
NJ	1,511	3,130	2,775	355	0.35%	0.40%	0.00%	< 0.00	< 1.00	112.00	0.52	2.80
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.68%	0.74%	0.00%	< 0.00	< 0.20	1.00	1.00	1.00
NY	355	2,160	1,618	542	0.09%	0.06%	0.18%	< 0.04	< 1.00	3.00	2.00	2.50
OH	2,656	16,084	15,166	918	0.01%	0.01%	0.00%	< 0.00	< 1.00	2.00	2.00	2.00
SD	335	444	363	81	8.78%	9.37%	6.17%	< 0.15	0.15	0.22	0.15	0.15
TN	303	1,220	433	787	0.00%	0.00%	0.00%	< 0.01	< 0.50	< 0.50		
TX												
UT	423	1,328	1,215	113	0.83%	0.82%	0.88%	< 0.00	5.00	1.00	0.30	0.50
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1	0	100.00%	100.00%	0.00%	1.10	1.10	1.10	1.10	1.10
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	137	388	164	224	0.00%	0.00%	0.00%	< 0.03	< 4.00	< 4.00		
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.20	< 0.40	< 1.00		
TOTAL	20,899	70,784	61,465	9,319	0.16%	0.15%	0.23%	< 0.00	< 1.00	200.00	0.05	0.50
24 States	20,407	67,688	59,173	8,515	0.16%	0.15%	0.22%	< 0.00	< 1.00	200.00	0.05	0.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.47.c URCIS (Round 1) Data- 1,1,2,2-Tetrachloroethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HAL	% GW PWS > 1/2 HAL	% SW PWS > 1/2 HAL	% PWS > HAL	% GW PWS > HAL	% SW PWS > HAL
AK	1,610	661	532	134	0.30%	0.19%	0.75%	0.30%	0.19%	0.75%	0.30%	0.19%	0.75%
AL	351	131	93	42	2.29%	2.15%	2.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	2,932	944	874	106	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	11,667	3,522	3,495	37	0.31%	0.31%	0.00%	0.17%	0.17%	0.00%	0.09%	0.09%	0.00%
CO	33	9	7	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	62	1		1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	15.38%	18.18%	0.00%	7.69%	9.09%	0.00%	7.69%	9.09%	0.00%
FL	315	217	42	196	4.15%	4.76%	3.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,460	1,161	1,052	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,908	1,002	963	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	6,002	1,302	1,187	115	0.46%	0.25%	2.61%	0.08%	0.00%	0.87%	0.08%	0.00%	0.87%
IN	1,724	311	280	32	0.64%	0.71%	0.00%	0.32%	0.36%	0.00%	0.32%	0.36%	0.00%
KY	2,076	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	2	2	1	1	100.00%	100.00%	100.00%	50.00%	0.00%	100.00%	50.00%	0.00%	100.00%
MD	1,909	986	940	51	0.10%	0.00%	1.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	1	1	1	0	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%
MN	2,756	1,565	1,540	29	0.19%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	323	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
MT	1,624	565	523	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	0.34%	0.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE	1	1	1	0	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%
NH													
NJ	3,130	1,511	1,486	25	0.40%	0.40%	0.00%	0.26%	0.27%	0.00%	0.26%	0.27%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	12.50%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,160	355	252	122	0.56%	0.40%	0.82%	0.56%	0.40%	0.82%	0.28%	0.40%	0.00%
OH	16,084	2,656	2,493	167	0.04%	0.04%	0.00%	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%
SD	444	335	306	29	11.64%	11.11%	17.24%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,220	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX													
UT	1,328	423	403	34	1.65%	1.49%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1	1	1	0	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	388	137	63	75	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	70,784	20,899	19,054	2,019	0.48%	0.42%	1.04%	0.11%	0.09%	0.20%	0.07%	0.06%	0.15%
24 States	67,688	20,407	18,693	1,867	0.45%	0.39%	1.02%	0.07%	0.07%	0.11%	0.05%	0.05%	0.11%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for labora
"% > HAL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HAL.
The Health Advisory Level (HAL) for 1,1,2,2-Tetrachloroethane is 2 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.48.a URCIS (Round 1) Data-Tetrachloroethylene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	707	575	138	2.40%	2.61%	1.45%	0.28%	0.17%	0.72%	7.10
AL	132	94	42	15.91%	18.09%	9.52%	3.79%	5.32%	0.00%	10.30
AR										
AZ	941	872	105	0.85%	0.69%	2.86%	0.32%	0.34%	0.00%	< 10.00
CA	3,537	3,509	41	6.56%	6.55%	7.32%	2.29%	2.31%	0.00%	27.10
CO	19	16	5	52.63%	62.50%	20.00%	31.58%	37.50%	20.00%	694.06
DC	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.50
DE	13	11	2	30.77%	27.27%	50.00%	15.38%	18.18%	0.00%	16.50
FL										
GA	1,161	1,052	109	0.95%	1.05%	0.00%	0.26%	0.29%	0.00%	0.60
HI	127	112	16	3.15%	2.68%	6.25%	0.79%	0.00%	6.25%	2.70
IA	1,002	963	39	1.60%	1.66%	0.00%	0.20%	0.21%	0.00%	2.50
IL	1,300	1,186	114	3.00%	2.87%	4.39%	0.54%	0.59%	0.00%	2.00
IN	370	332	39	3.24%	3.31%	5.13%	2.43%	2.11%	5.13%	6.30
KY	524	291	233	1.34%	1.37%	1.29%	0.38%	0.00%	0.86%	< 1.00
LA	13	9	4	15.38%	22.22%	0.00%	7.69%	11.11%	0.00%	10.90
MA	43	38	8	93.02%	100.00%	62.50%	32.56%	34.21%	25.00%	70.00
MD	844	798	51	2.49%	2.26%	5.88%	0.12%	0.13%	0.00%	1.40
MI	18	16	2	100.00%	100.00%	100.00%	50.00%	50.00%	50.00%	79.00
MN	1,560	1,536	28	2.12%	2.08%	3.57%	0.19%	0.20%	0.00%	0.40
MO	85	71	14	3.53%	4.23%	0.00%	3.53%	4.23%	0.00%	5.80
MS	6	6	0	100.00%	100.00%	0.00%	50.00%	50.00%	0.00%	24.40
MT	565	523	57	3.54%	3.63%	1.75%	0.18%	0.19%	0.00%	7.00
NC	297	254	44	13.80%	15.75%	2.27%	2.69%	2.76%	2.27%	7.10
NE	32	32	0	100.00%	100.00%	0.00%	28.13%	28.13%	0.00%	51.60
NH	22	22	0	100.00%	100.00%	0.00%	27.27%	27.27%	0.00%	105.00
NJ	1,519	1,494	25	4.41%	4.28%	12.00%	1.25%	1.14%	8.00%	8.20
NM	590	555	35	0.68%	0.72%	0.00%	0.17%	0.18%	0.00%	< 1.00
NV	8	7	2	37.50%	42.86%	0.00%	25.00%	28.57%	0.00%	7.00
NY	357	253	123	4.48%	5.53%	1.63%	0.56%	0.40%	0.81%	1.00
OH	2,655	2,492	167	1.69%	1.73%	1.20%	0.68%	0.68%	0.60%	2.50
SD										
TN	303	156	147	3.63%	4.49%	2.72%	0.99%	1.92%	0.00%	0.90
TX	7	7	0	85.71%	85.71%	0.00%	71.43%	71.43%	0.00%	24.00
UT	406	388	32	1.72%	1.55%	3.13%	0.49%	0.52%	0.00%	5.40
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
VT	8	8	0	87.50%	87.50%	0.00%	0.00%	0.00%	0.00%	3.00
WA	992	937	77	3.33%	3.09%	5.19%	0.60%	0.53%	1.30%	1.60
WV	137	63	75	2.92%	6.35%	0.00%	2.19%	4.76%	0.00%	4.50
WY	145	116	38	4.83%	5.17%	2.63%	0.69%	0.86%	0.00%	0.60
TOTAL	20,449	18,794	1,816	4.06%	4.16%	3.08%	1.19%	1.22%	0.61%	15.60
24 STATES	19,814	18,298	1,652	3.33%	3.38%	2.66%	0.91%	0.93%	0.67%	13.20

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Tetrachloroethylene is 5 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.48.b URCIS (Round 1) Data-Tetrachloroethylene Occurrence in Public Water Systems- Based on the Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	707	1,931	1,626	305	3.06%	3.51%	0.66%	< 0.00	7.10	31.00	0.20	5.00
AL	132	359	251	108	18.38%	24.30%	4.63%	< 0.10	10.30	21.20	0.10	1.43
AR												
AZ	941	2,952	2,293	659	0.91%	1.05%	0.46%	< 0.10	< 10.00	899.00	0.30	1.00
CA	3,537	18,594	18,456	138	34.26%	34.47%	7.25%	< 0.00	27.10	301.00	0.04	2.09
CO	19	166	146	20	77.71%	80.14%	60.00%	< 0.00	694.06	924.00	0.20	5.22
DC	1	62	0	62	1.61%	0.00%	1.61%	< 0.50	0.50	0.50	0.50	0.50
DE	13	336	191	145	13.69%	23.04%	1.38%	< 0.00	16.50	106.00	0.30	1.95
FL												
GA	1,161	2,460	1,861	599	1.14%	1.50%	0.00%	< 0.50	0.60	7.80	0.50	2.15
HI	127	1,221	1,081	140	2.46%	1.02%	13.57%	< 0.00	2.70	14.80	0.30	2.05
IA	1,002	2,001	1,789	212	3.15%	3.52%	0.00%	< 0.10	2.50	32.00	0.30	1.40
IL	1,300	5,338	4,332	1,006	2.60%	3.09%	0.50%	< 0.04	2.00	35.00	0.04	1.70
IN	370	2,242	1,544	698	6.42%	8.10%	2.72%	< 0.01	6.30	31.00	0.01	3.00
KY	524	2,312	1,172	1,140	0.43%	0.60%	0.26%	< 0.50	< 1.00	60.00	1.00	2.00
LA	13	22	18	4	18.18%	22.22%	0.00%	< 0.50	10.90	10.90	1.10	1.40
MA	43	206	193	13	94.17%	95.85%	69.23%	< 0.00	70.00	200.00	0.03	2.00
MD	844	1,786	1,306	480	2.86%	3.68%	0.63%	< 0.10	1.40	7.00	0.10	1.00
MI	18	301	145	156	100.00%	100.00%	100.00%	1.00	79.00	211.00	1.00	5.00
MN	1,560	2,745	2,667	78	1.57%	1.57%	1.28%	< 0.20	0.40	14.00	0.20	0.70
MO	85	328	296	32	1.83%	2.03%	0.00%	< 0.20	5.80	21.00	1.50	6.35
MS	6	82	82	0	100.00%	100.00%	0.00%	0.50	24.40	24.40	0.50	2.20
MT	565	1,624	1,376	248	12.32%	14.39%	0.81%	< 0.00	7.00	3,300.00	0.50	1.95
NC	297	648	573	75	11.57%	12.74%	2.67%	< 0.07	7.10	58.10	0.07	1.02
NE	32	93	93	0	100.00%	100.00%	0.00%	0.30	51.60	51.60	0.30	1.60
NH	22	72	72	0	100.00%	100.00%	0.00%	0.32	105.00	105.00	0.32	2.95
NJ	1,519	3,137	2,782	355	8.26%	8.52%	6.20%	< 0.00	8.20	112.00	0.13	1.70
NM	590	1,595	1,475	120	0.50%	0.54%	0.00%	< 0.00	< 1.00	22.20	0.60	5.50
NV	8	148	136	12	10.81%	11.76%	0.00%	< 0.00	7.00	7.20	0.20	0.60
NY	357	2,416	1,743	673	1.70%	2.07%	0.74%	< 0.04	1.00	22.00	0.50	1.06
OH	2,655	16,079	15,159	920	1.79%	1.85%	0.76%	< 0.20	2.50	99.20	0.20	3.47
SD												
TN	303	1,220	433	787	1.23%	2.31%	0.64%	< 0.04	0.90	45.00	0.40	3.10
TX	7	15	15	0	93.33%	93.33%	0.00%	< 0.00	24.00	24.00	0.80	6.55
UT	406	1,278	1,171	107	4.46%	4.78%	0.93%	< 0.00	5.40	21.20	0.10	4.00
VI	3	10	0	10	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
VT	8	37	37	0	54.05%	54.05%	0.00%	< 0.00	3.00	3.00	0.60	1.10
WA	992	3,987	3,656	331	3.11%	3.25%	1.51%	< 0.50	1.60	47.40	0.50	1.20
WV	137	655	204	451	1.37%	4.41%	0.00%	< 0.03	4.50	273.00	2.00	8.00
WY	145	313	259	54	3.51%	3.86%	1.85%	< 0.20	0.60	6.20	0.20	0.50
TOTAL	20,449	78,771	68,633	10,138	11.55%	12.82%	2.96%	< 0.00	15.60	3,300.00	0.01	2.00
24 States	19,814	74,477	65,466	9,011	10.84%	12.16%	1.28%	< 0.00	13.20	3,300.00	0.01	2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.48.c URCIS (Round 1) Data-Tetrachloroethylene Occurrence in Public Water Systems- Based on the Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,931	707	575	138	2.40%	2.61%	1.45%	0.42%	0.35%	0.72%	0.28%	0.17%	0.72%
AL	359	132	94	42	15.91%	18.09%	9.52%	5.30%	7.45%	0.00%	3.79%	5.32%	0.00%
AR													
AZ	2,952	941	872	105	0.85%	0.69%	2.86%	0.32%	0.34%	0.00%	0.32%	0.34%	0.00%
CA	18,594	3,537	3,509	41	6.56%	6.55%	7.32%	3.53%	3.53%	2.44%	2.29%	2.31%	0.00%
CO	166	19	16	5	52.63%	62.50%	20.00%	36.84%	43.75%	20.00%	31.58%	37.50%	20.00%
DC	62	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	336	13	11	2	30.77%	27.27%	50.00%	15.38%	18.18%	0.00%	15.38%	18.18%	0.00%
FL													
GA	2,460	1,161	1,052	109	0.95%	1.05%	0.00%	0.43%	0.48%	0.00%	0.26%	0.29%	0.00%
HI	1,221	127	112	16	3.15%	2.68%	6.25%	0.79%	0.00%	6.25%	0.79%	0.00%	6.25%
IA	2,001	1,002	963	39	1.60%	1.66%	0.00%	0.70%	0.73%	0.00%	0.20%	0.21%	0.00%
IL	5,338	1,300	1,186	114	3.00%	2.87%	4.39%	0.77%	0.84%	0.00%	0.54%	0.59%	0.00%
IN	2,242	370	332	39	3.24%	3.31%	5.13%	2.70%	2.71%	5.13%	2.43%	2.11%	5.13%
KY	2,312	524	291	233	1.34%	1.37%	1.29%	0.57%	0.34%	0.86%	0.38%	0.00%	0.86%
LA	22	13	9	4	15.38%	22.22%	0.00%	7.69%	11.11%	0.00%	7.69%	11.11%	0.00%
MA	206	43	38	8	93.02%	100.00%	62.50%	44.19%	50.00%	25.00%	32.56%	34.21%	25.00%
MD	1,786	844	798	51	2.49%	2.26%	5.88%	0.83%	0.75%	1.96%	0.12%	0.13%	0.00%
MI	301	18	16	2	100.00%	100.00%	100.00%	77.78%	75.00%	100.00%	50.00%	50.00%	50.00%
MN	2,745	1,560	1,536	28	2.12%	2.08%	3.57%	0.38%	0.39%	0.00%	0.19%	0.20%	0.00%
MO	328	85	71	14	3.53%	4.23%	0.00%	3.53%	4.23%	0.00%	3.53%	4.23%	0.00%
MS	82	6	6	0	100.00%	100.00%	0.00%	66.67%	66.67%	0.00%	50.00%	50.00%	0.00%
MT	1,624	565	523	57	3.54%	3.63%	1.75%	0.35%	0.38%	0.00%	0.18%	0.19%	0.00%
NC	648	297	254	44	13.80%	15.75%	2.27%	4.04%	4.33%	2.27%	2.69%	2.76%	2.27%
NE	93	32	32	0	100.00%	100.00%	0.00%	37.50%	37.50%	0.00%	28.13%	28.13%	0.00%
NH	72	22	22	0	100.00%	100.00%	0.00%	50.00%	50.00%	0.00%	27.27%	27.27%	0.00%
NJ	3,137	1,519	1,494	25	4.41%	4.28%	12.00%	2.17%	2.01%	12.00%	1.25%	1.14%	8.00%
NM	1,595	590	555	35	0.68%	0.72%	0.00%	0.34%	0.36%	0.00%	0.17%	0.18%	0.00%
NV	148	8	7	2	37.50%	42.86%	0.00%	25.00%	28.57%	0.00%	25.00%	28.57%	0.00%
NY	2,416	357	253	123	4.48%	5.53%	1.63%	1.68%	1.98%	0.81%	0.56%	0.40%	0.81%
OH	16,079	2,655	2,492	167	1.69%	1.73%	1.20%	0.90%	0.92%	0.60%	0.68%	0.68%	0.60%
SD													
TN	1,220	303	156	147	3.63%	4.49%	2.72%	1.65%	2.56%	0.68%	0.99%	1.92%	0.00%
TX	15	7	7	0	85.71%	85.71%	0.00%	85.71%	85.71%	0.00%	71.43%	71.43%	0.00%
UT	1,278	406	388	32	1.72%	1.55%	3.13%	0.49%	0.52%	0.00%	0.49%	0.52%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	37	8	8	0	87.50%	87.50%	0.00%	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	3.33%	3.09%	5.19%	1.11%	0.96%	2.60%	0.60%	0.53%	1.30%
WV	655	137	63	75	2.92%	6.35%	0.00%	2.92%	6.35%	0.00%	2.19%	4.76%	0.00%
WY	313	145	116	38	4.83%	5.17%	2.63%	0.69%	0.86%	0.00%	0.69%	0.86%	0.00%
TOTAL	78,771	20,449	18,794	1,816	4.06%	4.16%	3.08%	1.81%	1.88%	1.21%	1.19%	1.22%	0.61%
24 States	74,477	19,814	18,298	1,652	3.33%	3.38%	2.66%	1.43%	1.46%	0.97%	0.91%	0.93%	0.67%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the
The Maximum Contaminant Level (MCL) for Tetrachloroethylene is 5 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.49.a URCIS (Round 1) Data-Toluene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	732	593	145	9.15%	7.59%	15.86%	0.14%	0.17%	0.00%	4.10
AL	132	94	42	28.03%	27.66%	28.57%	0.00%	0.00%	0.00%	20.00
AR	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	15.3
AZ	944	874	106	0.32%	0.23%	0.94%	0.00%	0.00%	0.00%	< 1.00
CA	3,526	3,498	39	2.16%	2.00%	15.38%	0.00%	0.00%	0.00%	0.40
CO	21	14	8	52.38%	42.86%	62.50%	0.00%	0.00%	0.00%	330.71
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.60
FL	252	55	225	14.29%	14.55%	13.33%	0.00%	0.00%	0.00%	12.40
GA	1,162	1,053	109	0.26%	0.28%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA	1,002	963	39	2.50%	2.08%	12.82%	0.00%	0.00%	0.00%	1.00
IL	1,301	1,187	114	3.15%	2.70%	7.89%	0.00%	0.00%	0.00%	0.30
IN	371	332	40	5.12%	5.12%	5.00%	0.00%	0.00%	0.00%	0.59
KY	524	291	233	3.44%	2.41%	4.72%	0.00%	0.00%	0.00%	1.20
LA	13	9	4	7.69%	11.11%	0.00%	0.00%	0.00%	0.00%	21.14
MA	23	15	9	78.26%	73.33%	88.89%	0.00%	0.00%	0.00%	260.00
MD	844	798	51	2.84%	2.26%	11.76%	0.00%	0.00%	0.00%	0.30
MI	19	18	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	57.00
MN	1,565	1,540	29	5.81%	5.78%	6.90%	0.00%	0.00%	0.00%	0.80
MO	85	71	14	7.06%	8.45%	0.00%	0.00%	0.00%	0.00%	2.00
MS	19	19	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	963.60
MT	565	523	57	1.59%	0.76%	8.77%	0.00%	0.00%	0.00%	< 1.00
NC	297	254	44	10.77%	12.20%	2.27%	0.00%	0.00%	0.00%	11.40
NE	20	20	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	111.70
NH	37	34	3	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	40.00
NJ	1,508	1,483	25	2.65%	2.63%	4.00%	0.00%	0.00%	0.00%	0.50
NM	590	555	35	0.85%	0.90%	0.00%	0.00%	0.00%	0.00%	< 5.00
NV	8	7	2	37.50%	42.86%	0.00%	0.00%	0.00%	0.00%	0.40
NY	357	253	123	5.88%	6.32%	4.07%	0.00%	0.00%	0.00%	0.60
OH	2,655	2,492	167	4.60%	4.65%	3.59%	0.00%	0.00%	0.00%	0.30
SD										
TN	303	156	147	3.63%	3.21%	4.08%	0.00%	0.00%	0.00%	< 0.50
TX	22	15	7	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	47.00
UT	415	395	34	2.17%	1.77%	5.88%	0.00%	0.00%	0.00%	0.10
VI	3	0	3	66.67%	0.00%	66.67%	0.00%	0.00%	0.00%	11.00
VT	5	5	0	60.00%	60.00%	0.00%	0.00%	0.00%	0.00%	900.00
WA	992	937	77	2.22%	1.81%	6.49%	0.00%	0.00%	0.00%	< 0.50
WV	137	63	75	2.92%	1.59%	4.00%	0.00%	0.00%	0.00%	0.80
WY	145	116	38	6.90%	6.90%	5.26%	0.00%	0.00%	0.00%	1.30
TOTAL	20,737	18,857	2,064	4.28%	3.84%	8.19%	0.00%	0.01%	0.00%	0.90
24 STATES	20,089	18,364	1,887	3.50%	3.10%	7.31%	0.00%	0.01%	0.00%	0.70

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Toluene is 100 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.49.b URCIS (Round 1) Data-Toluene Occurrence in Public Water Systems- Based of Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	732	2,026	1,708	318	8.24%	7.67%	11.32%	< 0.00	4.10	2,200.00	0.20	0.78
AL	132	356	247	109	14.61%	16.19%	11.01%	< 0.45	20.00	169.50	0.45	2.00
AR	2	4	4	0	100.00%	100.00%	0.00%	0.60	15.30	15.30	0.60	6.50
AZ	944	2,923	2,264	659	0.10%	0.09%	0.15%	< 0.05	< 1.00	18.00	4.00	5.00
CA	3,526	11,542	11,455	87	1.03%	0.98%	8.05%	< 0.00	0.40	60.00	0.10	1.50
CO	21	57	47	10	35.09%	27.66%	70.00%	0.00	330.71	330.71	0.10	3.70
DC	1	46	0	46	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.00%	0.00%	0.00%	< 0.30	< 0.60	< 0.60		
FL	252	380	90	290	11.05%	12.22%	10.69%	< 0.00	12.40	69.10	0.01	3.00
GA	1,162	2,464	1,865	599	0.16%	0.21%	0.00%	< 0.50	< 0.50	7.90	0.90	1.55
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 1.00		
IA	1,002	1,976	1,761	215	1.57%	1.48%	2.33%	< 0.20	1.00	28.00	0.50	1.00
IL	1,301	5,333	4,330	1,003	1.03%	0.90%	1.60%	< 0.02	0.30	11.00	0.02	0.87
IN	371	1,947	1,525	422	2.41%	2.89%	0.71%	< 0.09	0.59	10.00	0.10	0.34
KY	524	2,311	1,172	1,139	1.38%	0.60%	2.19%	< 0.50	1.20	790.00	1.00	3.00
LA	13	22	18	4	4.55%	5.56%	0.00%	< 0.50	21.14	21.14	21.14	21.14
MA	23	30	18	12	83.33%	77.78%	91.67%	< 0.10	260.00	260.00	0.10	1.00
MD	844	1,786	1,306	480	1.79%	1.68%	2.08%	< 0.10	0.30	1.00	0.10	0.35
MI	19	28	22	6	100.00%	100.00%	100.00%	1.00	57.00	57.00	1.00	3.00
MN	1,565	2,744	2,665	79	4.15%	4.17%	3.80%	< 0.10	0.80	8.90	0.10	0.40
MO	85	323	297	26	2.79%	3.03%	0.00%	< 0.20	2.00	18.60	0.50	0.50
MS	19	26	26	0	100.00%	100.00%	0.00%	0.50	963.60	963.60	0.50	0.80
MT	565	1,623	1,376	247	0.86%	0.65%	2.02%	< 0.50	< 1.00	6.00	0.50	2.00
NC	297	645	570	75	6.82%	7.37%	2.67%	< 0.28	11.40	168.00	0.28	1.23
NE	20	29	29	0	100.00%	100.00%	0.00%	0.30	111.70	111.70	0.30	0.90
NH	37	47	44	3	100.00%	100.00%	100.00%	0.48	40.00	40.00	0.48	1.38
NJ	1,508	3,123	2,768	355	1.44%	1.52%	0.85%	< 0.00	0.50	740.00	0.09	0.83
NM	590	1,595	1,475	120	0.88%	0.95%	0.00%	< 0.00	< 5.00	3.70	0.30	1.85
NV	8	148	136	12	6.08%	6.62%	0.00%	< 0.20	0.40	0.40	0.20	0.30
NY	357	2,105	1,569	536	1.38%	1.40%	1.31%	< 0.10	0.60	9.00	0.39	1.00
OH	2,655	16,085	15,165	920	1.03%	1.04%	0.87%	< 0.20	0.30	108.00	0.20	1.00
SD												
TN	303	1,220	433	787	0.98%	1.15%	0.89%	< 0.01	< 0.50	6.00	0.50	1.15
TX	22	26	18	8	100.00%	100.00%	100.00%	0.90	47.00	47.00	0.90	2.65
UT	415	1,283	1,171	112	1.17%	0.94%	3.57%	< 0.00	0.10	25.00	0.10	0.20
VI	3	10	0	10	20.00%	0.00%	20.00%	< 1.00	11.00	11.00	4.40	7.70
VT	5	5	5	0	60.00%	60.00%	0.00%	< 0.00	900.00	900.00	0.50	8.40
WA	992	3,987	3,656	331	0.83%	0.74%	1.81%	< 0.50	< 0.50	283.00	0.50	1.10
WV	137	385	163	222	1.30%	1.23%	1.35%	< 0.20	0.80	40.00	0.50	1.00
WY	145	313	259	54	3.51%	3.47%	3.70%	< 0.01	1.30	6.20	0.30	0.90
TOTAL	20,737	70,507	60,927	9,580	1.86%	1.77%	2.43%	< 0.00	0.90	2,200.00	0.01	1.00
24 States	20,089	67,268	58,505	8,763	1.57%	1.48%	2.16%	< 0.00	0.70	2,200.00	0.01	0.96

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.49.c URCIS (Round 1) Data-Toluene Occurrence in Public Water Systems- Based of Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	2,026	732	593	145	9.15%	7.59%	15.86%	0.14%	0.17%	0.00%	0.14%	0.17%	0.00%
AL	356	132	94	109	28.03%	27.66%	11.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR	4	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	2,923	944	874	106	0.32%	0.23%	0.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	11,542	3,526	3,498	39	2.16%	2.00%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	57	21	14	8	52.38%	42.86%	62.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	46	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	380	252	55	225	14.29%	14.55%	13.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,464	1,162	1,053	109	0.26%	0.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,976	1,002	963	39	2.50%	2.08%	12.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	5,333	1,301	1,187	114	3.15%	2.70%	7.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,947	371	332	40	5.12%	5.12%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,311	524	291	233	3.44%	2.41%	4.72%	0.19%	0.34%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	7.69%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	30	23	15	9	78.26%	73.33%	88.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,786	844	798	51	2.84%	2.26%	11.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	28	19	18	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	2,744	1,565	1,540	29	5.81%	5.78%	6.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	323	85	71	14	7.06%	8.45%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	26	19	19	0	100.00%	100.00%	0.00%	5.26%	5.26%	0.00%	0.00%	0.00%	0.00%
MT	1,623	565	523	57	1.59%	0.76%	8.77%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	645	297	254	44	10.77%	12.20%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE	29	20	20	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	47	37	34	3	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	3,123	1,508	1,483	25	2.65%	2.63%	4.00%	0.07%	0.07%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.85%	0.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	37.50%	42.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,105	357	253	123	5.88%	6.32%	4.07%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	16,085	2,655	2,492	167	4.60%	4.65%	3.59%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	1,220	303	156	147	3.63%	3.21%	4.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	26	22	15	7	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
UT	1,283	415	395	34	2.17%	1.77%	5.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	66.67%	0.00%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	5	5	5	0	60.00%	60.00%	0.00%	20.00%	20.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	2.22%	1.81%	6.49%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	385	137	63	75	2.92%	1.59%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	6.90%	6.90%	5.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	70,507	20,737	18,857	2,064	4.28%	3.84%	8.19%	0.02%	0.03%	0.00%	0.00%	0.01%	0.00%
24 States	67,268	20,089	18,364	1,954	3.50%	3.10%	7.06%	0.01%	0.02%	0.00%	0.00%	0.01%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the
The Maximum Contaminant Level (MCL) for Toluene is 100 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.50.a URCIS (Round 1) Data- trans-1,2-Dichloroethene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	661	532	134	0.15%	0.19%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	131	93	42	1.53%	1.08%	2.38%	0.00%	0.00%	0.00%	< 0.50
AR										
AZ	943	873	106	0.11%	0.11%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	3,518	3,488	38	0.74%	0.72%	2.63%	0.03%	0.03%	0.00%	< 1.00
CO	8	6	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	13	11	2	7.69%	9.09%	0.00%	0.00%	0.00%	0.00%	< 0.50
FL	200	36	181	8.50%	22.22%	5.52%	0.00%	0.00%	0.00%	11.10
GA	1,162	1,053	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA	1,002	963	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
IL	1,301	1,187	114	0.85%	0.93%	0.00%	0.00%	0.00%	0.00%	< 1.00
IN	369	331	39	1.90%	1.81%	2.56%	0.00%	0.00%	0.00%	0.21
KY	524	291	233	0.19%	0.00%	0.43%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	10	9	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	28.00
MD	844	798	51	0.47%	0.38%	1.96%	0.00%	0.00%	0.00%	< 0.50
MI	3	3		100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	80.00
MN	1,565	1,540	29	0.13%	0.13%	0.00%	0.00%	0.00%	0.00%	< 0.20
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	2.30
MT	565	523	57	0.18%	0.19%	0.00%	0.00%	0.00%	0.00%	< 1.00
NC	297	254	44	3.03%	3.54%	0.00%	0.00%	0.00%	0.00%	1.40
NE	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	2.50
NH										
NJ	1,525	1,500	25	1.11%	1.07%	4.00%	0.00%	0.00%	0.00%	< 1.41
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	356	253	122	1.69%	1.58%	1.64%	0.00%	0.00%	0.00%	< 1.00
OH	2,633	2,475	162	0.46%	0.48%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD										
TN	302	155	147	0.66%	0.65%	0.68%	0.00%	0.00%	0.00%	< 0.50
TX										
UT	412	392	34	2.43%	2.30%	2.94%	0.00%	0.00%	0.00%	< 0.50
VI										
VT	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.50
WA	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	137	63	75	0.73%	1.59%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	2.07%	0.86%	5.26%	0.00%	0.00%	0.00%	< 1.00
TOTAL	20,447	18,641	1,974	0.74%	0.70%	1.17%	0.00%	0.01%	0.00%	< 1.00
24 STATES	19,945	18,267	1,825	0.64%	0.59%	1.10%	0.01%	0.01%	0.00%	< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for trans-1,2-Dichloroethene is 100 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.50.b URCIS (Round 1) Data- trans-1,2-Dichloroethene Occurrence in Public Water Systems- Based on Number of Sample

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	661	1,613	1,327	286	0.12%	0.15%	0.00%	< 0.00	< 0.00	23.00	0.25	11.63
AL	131	351	244	107	0.57%	0.41%	0.93%	< 0.50	< 0.50	0.60	0.60	0.60
AR												
AZ	943	2,957	2,304	653	0.07%	0.09%	0.00%	< 0.05	< 1.00	1.00	1.00	1.00
CA	3,518	11,746	11,649	97	0.77%	0.76%	3.09%	< 0.00	< 1.00	190.00	0.58	2.00
CO	8	19	16	3	0.00%	0.00%	0.00%	< 0.04	< 5.00	< 5.00		
DC	1	62	0	62	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.30%	0.53%	0.00%	< 0.40	< 0.50	2.70	2.70	2.70
FL	200	279	67	212	10.75%	28.36%	5.19%	< 0.00	11.10	40.00	0.10	1.00
GA	1,162	2,462	1,863	599	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,220	1,080	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA	1,002	1,909	1,697	212	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
IL	1,301	5,340	4,334	1,006	0.37%	0.46%	0.00%	< 0.06	< 1.00	61.00	0.06	1.95
IN	369	2,224	1,534	690	1.48%	1.56%	1.30%	< 0.06	0.21	17.70	0.08	0.80
KY	524	2,311	1,172	1,139	0.04%	0.00%	0.09%	< 0.50	< 1.00	0.90	0.90	0.90
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	10	26	25	1	100.00%	100.00%	100.00%	0.03	28.00	28.00	0.03	0.69
MD	844	1,786	1,306	480	0.34%	0.31%	0.42%	< 0.10	< 0.50	5.00	0.10	0.70
MI	3	48	48		100.00%	100.00%	0.00%	1.00	80.00	80.00	1.00	4.00
MN	1,565	2,756	2,677	79	0.15%	0.15%	0.00%	< 0.10	< 0.20	2.40	0.10	1.15
MO	85	327	295	32	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	2	3	3	0	100.00%	100.00%	0.00%	0.70	2.30	2.30	0.70	0.90
MT	565	1,624	1,376	248	0.06%	0.07%	0.00%	< 0.50	< 1.00	14.10	14.10	14.10
NC	297	644	569	75	2.33%	2.64%	0.00%	< 0.50	1.40	16.00	0.50	1.30
NE	2	6	6	0	100.00%	100.00%	0.00%	0.20	2.50	2.50	0.20	0.75
NH												
NJ	1,525	3,176	2,810	366	0.76%	0.82%	0.27%	< 0.00	< 1.41	15.30	0.11	1.15
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	356	2,172	1,620	552	0.37%	0.37%	0.36%	< 0.06	< 1.00	12.00	0.70	1.00
OH	2,633	15,607	14,755	852	0.28%	0.29%	0.00%	< 0.00	< 0.50	9.70	0.20	1.00
SD												
TN	302	1,211	433	778	0.17%	0.23%	0.13%	< 0.01	< 0.50	21.00	2.20	11.60
TX												
UT	412	1,272	1,162	110	1.10%	1.12%	0.91%	< 0.00	< 0.50	7.00	0.50	0.50
VI												
VT	1	1	1	0	100.00%	100.00%	0.00%	0.50	0.50	0.50	0.50	0.50
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	137	654	202	452	0.15%	0.50%	0.00%	< 0.05	< 4.00	11.00	11.00	11.00
WY	145	313	259	54	0.96%	0.39%	3.70%	< 0.20	< 1.00	1.30	0.90	1.30
TOTAL	20,447	70,204	60,308	9,896	0.55%	0.58%	0.35%	< 0.00	< 2.00	190.00	0.03	1.30
24 States	19,945	67,037	57,951	9,086	0.44%	0.45%	0.35%	< 0.00	< 1.00	190.00	0.06	1.30

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.50.c URCIS (Round 1) Data- trans-1,2-Dichloroethene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,613	661	532	134	0.15%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	351	131	93	42	1.53%	1.08%	2.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	2,957	943	873	106	0.11%	0.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	11,746	3,518	3,488	38	0.74%	0.72%	2.63%	0.03%	0.03%	0.00%	0.03%	0.03%	0.00%
CO	19	8	6	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	62	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	7.69%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	279	200	36	181	8.50%	22.22%	5.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,462	1,162	1,053	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,220	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,909	1,002	963	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	5,340	1,301	1,187	114	0.85%	0.93%	0.00%	0.08%	0.08%	0.00%	0.00%	0.00%	0.00%
IN	2,224	369	331	39	1.90%	1.81%	2.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,311	524	291	233	0.19%	0.00%	0.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	26	10	9	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,786	844	798	51	0.47%	0.38%	1.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	48	3	3	0	100.00%	100.00%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%
MN	2,756	1,565	1,540	29	0.13%	0.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	327	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	3	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT	1,624	565	523	57	0.18%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	3.03%	3.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE	6	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH													
NJ	3,176	1,525	1,500	25	1.11%	1.07%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,172	356	253	122	1.69%	1.58%	1.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	15,607	2,633	2,475	162	0.46%	0.48%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	1,211	302	155	147	0.66%	0.65%	0.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX													
UT	1,272	412	392	34	2.43%	2.30%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI													
VT	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	654	137	63	75	0.73%	1.59%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	2.07%	0.86%	5.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	70,204	20,447	18,641	1,974	0.74%	0.70%	1.17%	0.01%	0.02%	0.00%	0.00%	0.01%	0.00%
24 States	67,037	19,945	18,267	1,825	0.64%	0.59%	1.10%	0.01%	0.01%	0.00%	0.01%	0.01%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for l
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy
The Maximum Contaminant Level (MCL) for trans-1,2-Dichloroethene is 100 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.51.a URCIS (Round 1) Data- trans-1,3-Dichloropropene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK										
AL	1	1	0	100.00%	100.00%	0.00%				12.40
AR										
AZ	939	870	105	0.00%	0.00%	0.00%				< 5.00
CA	3,481	3,464	17	0.20%	0.20%	0.00%				< 0.50
CO	5	3	3	20.00%	0.00%	33.33%				1.00
DC	1	0	1	0.00%	0.00%	0.00%				< 0.50
DE										
FL	204	35	186	4.41%	2.86%	4.30%				1.80
GA	1,162	1,053	109	0.00%	0.00%	0.00%				< 0.50
HI	127	112	16	0.00%	0.00%	0.00%				< 0.30
IA										
IL										
IN	235	216	20	0.00%	0.00%	0.00%				< 2.00
KY	524	291	233	0.00%	0.00%	0.00%				< 1.00
LA										
MA										
MD	124	82	44	5.65%	2.44%	11.36%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for trans-1,3-Dichloropropene.			0.30
MI										
MN	1,565	1,540	29	0.06%	0.06%	0.00%				< 0.20
MO										
MS	3	3	0	100.00%	100.00%	0.00%				1.10
MT										
NC	297	254	44	0.00%	0.00%	0.00%				< 0.50
NE										
NH										
NJ										
NM										
NV										
NY	339	246	109	0.00%	0.00%	0.00%				< 1.00
OH										
SD										
TN										
TX										
UT										
VI										
VT										
WA	992	937	77	0.00%	0.00%	0.00%				< 0.50
WV	87	46	41	0.00%	0.00%	0.00%				< 4.00
WY	145	116	38	0.00%	0.00%	0.00%				< 0.50
TOTAL	10,231	9,269	1,072	0.28%	0.16%	1.31%				< 1.00
24 STATES	9,883	9,017	959	0.25%	0.13%	1.36%				< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.51.b URCIS (Round 1) Data- trans-1,3-Dichloropropene Occurrence in Public Water Systems- Based on Number of Samp

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK												
AL	1	2	2	0	100.00%	100.00%	0.00%	9.10	12.40	12.40	9.10	10.75
AR												
AZ	939	2,906	2,250	656	0.00%	0.00%	0.00%	< 0.10	< 5.00	< 10.00		
CA	3,481	10,484	10,456	28	0.11%	0.11%	0.00%	< 0.00	< 0.50	1.70	0.50	0.50
CO	5	18	15	3	5.56%	0.00%	33.33%	< 0.20	1.00	1.00	1.00	1.00
DC	1	62	0	62	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE												
FL	204	277	54	223	3.97%	3.70%	4.04%	< 0.00	1.80	3.50	0.05	1.00
GA	1,162	2,462	1,863	599	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA												
IL												
IN	235	1,101	901	200	0.00%	0.00%	0.00%	< 0.07	< 2.00	< 5.00		
KY	524	2,076	1,119	957	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA												
MA												
MD	124	327	166	161	2.45%	1.81%	3.11%	< 0.10	0.30	0.70	0.20	0.30
MI												
MN	1,565	2,757	2,678	79	0.04%	0.04%	0.00%	< 0.20	< 0.20	0.30	0.30	0.30
MO												
MS	3	3	3	0	100.00%	100.00%	0.00%	0.60	1.10	1.10	0.60	0.60
MT												
NC	297	644	569	75	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
NE												
NH												
NJ												
NM												
NV												
NY	339	1,772	1,400	372	0.00%	0.00%	0.00%	< 0.10	< 1.00	< 5.00		
OH												
SD												
TN												
TX												
UT												
VI												
VT												
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	87	181	100	81	0.00%	0.00%	0.00%	< 0.50	< 4.00	< 4.00		
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 1.00		
TOTAL	10,231	30,593	26,572	4,021	0.12%	0.09%	0.37%	< 0.00	< 1.00	12.40	0.05	0.60
24 States	9,883	28,738	25,154	3,584	0.12%	0.08%	0.39%	< 0.00	< 1.00	34.00 12.40	0.05	0.55

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.51.c URCIS (Round 1) Data- trans-1,3-Dichloropropene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK													
AL	2	1	1	0	100.00%	100.00%	0.00%						
AR													
AZ	2,906	939	870	105	0.00%	0.00%	0.00%						
CA	10,484	3,481	3,464	17	0.20%	0.20%	0.00%						
CO	18	5	3	3	20.00%	0.00%	33.33%						
DC	62	1	0	1	0.00%	0.00%	0.00%						
DE													
FL	277	204	35	186	4.41%	2.86%	4.30%						
GA	2,462	1,162	1,053	109	0.00%	0.00%	0.00%						
HI	1,221	127	112	16	0.00%	0.00%	0.00%						
IA													
IL													
IN	1,101	235	216	20	0.00%	0.00%	0.00%						
KY	2,076	524	291	233	0.00%	0.00%	0.00%						
LA													
MA													
MD	327	124	82	44	5.65%	2.44%	11.36%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for trans-1,3-Dichloropropene.					
MI													
MN	2,757	1,565	1,540	29	0.06%	0.06%	0.00%						
MO													
MS	3	3	3	0	100.00%	100.00%	0.00%						
MT													
NC	644	297	254	44	0.00%	0.00%	0.00%						
NE													
NH													
NJ													
NM													
NV													
NY	1,772	339	246	109	0.00%	0.00%	0.00%						
OH													
SD													
TN													
TX													
UT													
VI													
VT													
WA	3,987	992	937	77	0.00%	0.00%	0.00%						
WV	181	87	46	41	0.00%	0.00%	0.00%						
WY	313	145	116	38	0.00%	0.00%	0.00%						
TOTAL	30,593	10,231	9,269	1,072	0.28%	0.16%	1.31%						
24 States	28,738	9,883	9,017	959	0.25%	0.13%	1.36%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for labora

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.52.a URCIS (Round 1) Data- 1,2,3-Trichlorobenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	668	541	132	2.10%	2.03%	2.27%				< 0.00
AL	131	93	42	13.74%	15.05%	9.52%				2.00
AR										
AZ	448	407	47	0.89%	0.74%	2.13%				< 5.00
CA	145	131	20	0.00%	0.00%	0.00%				< 0.50
CO	6	3	4	0.00%	0.00%	0.00%				< 0.69
DC	1	0	1	0.00%	0.00%	0.00%				< 0.50
DE	10	8	2	0.00%	0.00%	0.00%				< 0.70
FL										
GA	1,161	1,052	109	0.00%	0.00%	0.00%				< 0.50
HI	127	112	16	0.79%	0.89%	0.00%				< 0.30
IA										
IL	211	148	63	0.95%	0.68%	1.59%				< 5.00
IN	357	321	37	0.00%	0.00%	0.00%				< 3.00
KY	524	291	233	0.00%	0.00%	0.00%				< 1.00
LA	13	9	4	0.00%	0.00%	0.00%				< 0.50
MA										
MD	983	936	50	0.20%	0.21%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,2,3-Trichlorobenzene.			< 0.50
MI										
MN	1,553	1,529	28	0.00%	0.00%	0.00%				< 0.50
MO	85	71	14	0.00%	0.00%	0.00%				< 2.00
MS										
MT										
NC	297	254	44	0.00%	0.00%	0.00%				< 0.50
NE										
NH										
NJ	783	772	11	0.89%	0.91%	0.00%				< 2.00
NM	590	555	35	0.00%	0.00%	0.00%				< 1.00
NV	8	7	2	0.00%	0.00%	0.00%				< 0.20
NY	356	252	123	0.00%	0.00%	0.00%				< 1.00
OH	2,654	2,492	166	0.19%	0.20%	0.00%				< 5.00
SD	335	306	29	0.90%	0.98%	0.00%				< 0.50
TN	303	156	147	0.00%	0.00%	0.00%				< 0.50
TX	1	1	0	1	1	0				2.00
UT	411	391	34	1.46%	1.28%	2.94%				< 10.00
VI	3	0	3	0.00%	0.00%	0.00%				< 1.00
VT										
WA	992	937	77	0.00%	0.00%	0.00%				< 0.50
WV	58	27	31	0.00%	0.00%	0.00%				< 4.00
WY	145	116	38	0.69%	0.86%	0.00%				< 1.50
TOTAL	13,359	11,918	1,542	0.48%	0.45%	0.65%				< 5.00
24 STATES	12,876	11,567	1,389	0.49%	0.46%	0.72%				< 5.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.52.b URCIS (Round 1) Data- 1,2,3-Trichlorobenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	668	1,764	1,495	269	0.85%	0.80%	1.12%	< 0.00	< 0.00	0.40	0.2	0.3
AL	131	351	244	107	6.55%	7.79%	3.74%	< 0.50	2.00	7.00	0.50	1.00
AR												
AZ	448	1,098	935	163	0.64%	0.32%	2.45%	< 0.05	< 5.00	10.00	0.05	10.00
CA	145	1,122	1,064	58	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
CO	6	12	5	7	0.00%	0.00%	0.00%	< 0.00	< 0.69	< 0.69		
DC	1	42	0	42	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	10	53	44	9	0.00%	0.00%	0.00%	< 0.30	< 0.70	< 0.70		
FL												
GA	1,161	2,464	1,865	599	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,221	1,081	140	0.16%	0.19%	0.00%	< 0.00	< 0.30	0.30	0.30	0.30
IA								<				
IL	211	726	483	243	0.83%	1.04%	0.41%	< 0.06	< 5.00	7.00	0.06	0.06
IN	357	1,889	1,486	403	0.00%	0.00%	0.00%	< 0.10	< 3.00	< 5.00		
KY	524	2,076	1,119	957	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA												
MD	983	1,748	1,374	374	0.11%	0.15%	0.00%	< 0.20	< 0.50	1.40	1.00	1.20
MI												
MN	1,553	2,655	2,587	68	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 5.00		
MO	85	323	297	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS												
MT												
NC	297	644	569	75	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
NE												
NH												
NJ	783	1,605	1,418	187	0.56%	0.63%	0.00%	< 0.00	< 2.00	1.00	0.04	0.33
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	356	2,087	1,556	531	0.00%	0.00%	0.00%	< 0.04	< 1.00	< 10.00		
OH	2,654	15,947	15,033	914	0.03%	0.03%	0.00%	< 0.20	< 5.00	15.00	0.50	3.00
SD	335	444	363	81	0.68%	0.83%	0.00%	< 0.15	< 0.50	0.21	0.15	0.15
TN	303	1,220	433	787	0.00%	0.00%	0.00%	< 0.03	< 0.50	< 0.50		
TX	1	1	1	0	100.00%	100.00%	0.00%	2.00	2.00	2.00	2.00	2.00
UT	411	1,234	1,129	105	0.81%	0.80%	0.95%	< 0.10	< 10.00	1.00	0.50	0.50
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT												
WA	992	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WV	58	173	67	106	0.00%	0.00%	0.00%	< 0.50	< 4.00	< 4.00		
WY	145	313	259	54	0.32%	0.39%	0.00%	< 0.20	< 1.50	1.10	1.10	1.10
TOTAL	13,359	46,974	40,192	6,782	0.18%	0.18%	0.19%	< 0.00	< 5.00	15.00	0.04	0.50
24 States	12,876	44,276	38,135	6,141	0.19%	0.18%	0.21%	< 0.00	< 5.00	15.00	0.04	0.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.52.c URCIS (Round 1) Data- 1,2,3-Trichlorobenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,764	668	541	132	2.10%	2.03%	2.27%						
AL	351	131	93	42	13.74%	15.05%	9.52%						
AR													
AZ	1,098	448	407	47	0.89%	0.74%	2.13%						
CA	1,122	145	131	20	0.00%	0.00%	0.00%						
CO	12	6	3	4	0.00%	0.00%	0.00%						
DC	42	1	0	1	0.00%	0.00%	0.00%						
DE	53	10	8	2	0.00%	0.00%	0.00%						
FL													
GA	2,464	1,161	1,052	109	0.00%	0.00%	0.00%						
HI	1,221	127	112	16	0.79%	0.89%	0.00%						
IA													
IL	726	211	148	63	0.95%	0.68%	1.59%						
IN	1,889	357	321	37	0.00%	0.00%	0.00%						
KY	2,076	524	291	233	0.00%	0.00%	0.00%						
LA	22	13	9	4	0.00%	0.00%	0.00%						
MA													
MD	1,748	983	936	50	0.20%	0.21%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,2,3-Trichlorobenzene.					
MI													
MN	2,655	1,553	1,529	28	0.00%	0.00%	0.00%						
MO	323	85	71	14	0.00%	0.00%	0.00%						
MS													
MT													
NC	644	297	254	44	0.00%	0.00%	0.00%						
NE													
NH													
NJ	1,605	783	772	11	0.89%	0.91%	0.00%						
NM	1,595	590	555	35	0.00%	0.00%	0.00%						
NV	148	8	7	2	0.00%	0.00%	0.00%						
NY	2,087	356	252	123	0.00%	0.00%	0.00%						
OH	15,947	2,654	2,492	166	0.19%	0.20%	0.00%						
SD	444	335	306	29	0.90%	0.98%	0.00%						
TN	1,220	303	156	147	0.00%	0.00%	0.00%						
TX	1	1	1	0	100.00%	100.00%	0.00%						
UT	1,234	411	391	34	1.46%	1.28%	2.94%						
VI	10	3	0	3	0.00%	0.00%	0.00%						
VT													
WA	3,987	992	937	77	0.00%	0.00%	0.00%						
WV	173	58	27	31	0.00%	0.00%	0.00%						
WY	313	145	116	38	0.69%	0.86%	0.00%						
TOTAL	46,974	13,359	11,918	1,542	0.48%	0.45%	0.65%						
24 States	44,276	12,876	11,567	1,389	0.49%	0.46%	0.72%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for labor

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.53.a URCIS (Round 1) Data- 1,2,4-Trichlorobenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	668	542	131	2.84%	2.95%	2.29%	0.00%	0.00%	0.00%	0.20
AL	131	93	42	8.40%	11.83%	0.00%	0.00%	0.00%	0.00%	2.00
AR										
AZ	447	406	47	0.89%	0.74%	2.13%	0.00%	0.00%	0.00%	< 2.00
CA	616	599	23	0.32%	0.33%	0.00%	0.00%	0.00%	0.00%	< 5.00
CO	6	3	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.81
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	10	8	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.40
FL	149	22	134	4.03%	0.00%	4.48%	0.00%	0.00%	0.00%	5.00
GA	1,163	1,054	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA										
IL	403	316	87	0.74%	0.63%	1.15%	0.00%	0.00%	0.00%	< 5.00
IN	355	320	36	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 3.00
KY	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA										
MD	825	778	50	0.48%	0.51%	0.00%	0.00%	0.00%	0.00%	< 0.50
MI										
MN	1,553	1,529	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.80
MT										
NC	297	254	44	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NE										
NH										
NJ	809	798	11	0.37%	0.38%	0.00%	0.00%	0.00%	0.00%	< 2.00
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	12.50%	14.29%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	354	251	122	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
OH	2,554	2,400	157	0.16%	0.17%	0.00%	0.00%	0.00%	0.00%	< 5.00
SD	335	306	29	0.90%	0.98%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TX	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	2.00
UT	405	385	34	1.23%	1.04%	2.94%	0.00%	0.00%	0.00%	< 10.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT										
WA	992	937	77	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	58	27	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	0.69%	0.86%	0.00%	0.00%	0.00%	0.00%	< 1.00
TOTAL	13,931	12,347	1,691	0.50%	0.46%	0.71%	0.00%	0.00%	0.00%	< 5.00
24 STATES	13,449	11,996	1,539	0.49%	0.45%	0.78%	0.00%	0.00%	0.00%	< 5.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for 1,2,4-Trichlorobenzene is 70 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.53.b URCIS (Round 1) Data- 1,2,4-Trichlorobenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	668	1,770	1,502	268	1.13%	1.13%	1.12%	< 0.00	0.20	0.30	0.16	0.20
AL	131	351	244	107	3.70%	5.33%	0.00%	< 0.50	2.00	5.00	0.60	0.90
AR												
AZ	447	1,103	940	163	0.63%	0.32%	2.45%	< 0.05	< 2.00	10.00	0.05	10.00
CA	616	2,205	2,142	63	0.23%	0.23%	0.00%	< 0.00	< 5.00	21.00	1.30	13.00
CO	6	11	5	6	0.00%	0.00%	0.00%	< 0.00	< 0.81	< 0.81		
DC	1	42	0	42	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	10	53	44	9	0.00%	0.00%	0.00%	< 0.30	< 1.40	< 1.40		
FL	149	187	34	153	3.21%	0.00%	3.92%	< 0.00	5.00	10.00	0.10	5.00
GA	1,163	2,464	1,865	599	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA												
IL	403	3,131	2,453	678	0.10%	0.08%	0.15%	< 0.03	< 5.00	3.00	0.04	0.70
IN	355	1,874	1,479	395	0.00%	0.00%	0.00%	< 0.10	< 3.00	< 5.00		
KY	524	2,075	1,119	956	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA												
MD	825	1,571	1,198	373	0.32%	0.42%	0.00%	< 0.20	< 0.50	3.70	0.80	2.00
MI												
MN	1,553	2,655	2,587	68	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 5.00		
MO	85	322	296	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	1	1	1	0	100.00%	100.00%	0.00%	0.80	0.80	0.80	0.80	0.80
MT												
NC	297	644	569	75	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
NE												
NH												
NJ	809	1,641	1,454	187	0.18%	0.21%	0.00%	< 0.00	< 2.00	0.50	0.02	0.15
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.68%	0.74%	0.00%	< 0.20	< 0.20	0.40	0.40	0.40
NY	354	2,032	1,508	524	0.00%	0.00%	0.00%	< 0.03	< 1.00	< 10.00		
OH	2,554	14,688	13,947	741	0.03%	0.03%	0.00%	< 0.00	< 5.00	3.00	0.50	3.00
SD	335	444	363	81	0.68%	0.83%	0.00%	< 0.15	< 0.50	0.76	0.15	0.23
TN	303	1,220	433	787	0.00%	0.00%	0.00%	< 0.03	< 0.50	< 0.50		
TX	1	1	1	0	100.00%	100.00%	0.00%	2.00	2.00	2.00	2.00	2.00
UT	405	1,190	1,086	104	0.76%	0.74%	0.96%	< 0.10	< 10.00	0.10	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT												
WA	992	3,987	3,656	331	0.03%	0.03%	0.00%	< 0.50	< 0.50	16.00	16.00	16.00
WV	58	173	67	106	0.00%	0.00%	0.00%	< 0.50	< 4.00	< 4.00		
WY	145	313	259	54	0.32%	0.39%	0.00%	< 0.20	< 1.00	0.80	0.80	0.80
TOTAL	13,931	49,144	41,962	7,182	0.17%	0.16%	0.21%	< 0.00	< 5.00	21.00	0.02	0.60
24 States	13,449	46,502	39,953	6,549	0.17%	0.16%	0.23%	< 0.00	< 5.00	21.00	0.02	0.60

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.53.c URCIS (Round 1) Data- 1,2,4-Trichlorobenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,770	668	542	131	2.84%	2.95%	2.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	351	131	93	42	8.40%	11.83%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	1,103	447	406	47	0.89%	0.74%	2.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	2,205	616	599	23	0.32%	0.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	11	6	3	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	42	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	53	10	8	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	187	149	22	134	4.03%	0.00%	4.48%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,464	1,163	1,054	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA													
IL	3,131	403	316	87	0.74%	0.63%	1.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,874	355	320	36	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,075	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA													
MD	1,571	825	778	50	0.48%	0.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI													
MN	2,655	1,553	1,529	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	322	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT													
NC	644	297	254	44	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE													
NH													
NJ	1,641	809	798	11	0.37%	0.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	12.50%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,032	354	251	122	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	14,688	2,554	2,400	157	0.16%	0.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	444	335	306	29	0.90%	0.98%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,220	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
UT	1,190	405	385	34	1.23%	1.04%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT													
WA	3,987	992	937	77	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	173	58	27	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	0.69%	0.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	49,144	13,931	12,347	1,691	0.50%	0.46%	0.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24 States	46,502	13,449	11,996	1,539	0.49%	0.45%	0.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the

The Maximum Contaminant Level (MCL) for 1,2,4-Trichlorobenzene is 70 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.54.a URCIS (Round 1) Data- 1,1,1-Trichloroethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	685	553	138	3.94%	3.62%	5.07%	0.00%	0.00%	0.00%	10.50
AL	132	94	42	10.61%	11.70%	7.14%	0.00%	0.00%	0.00%	6.80
AR										
AZ	961	888	115	0.31%	0.34%	0.00%	0.00%	0.00%	0.00%	< 5.00
CA	3,559	3,529	43	3.79%	3.77%	9.30%	0.03%	0.03%	0.00%	4.80
CO	18	14	5	50.00%	50.00%	40.00%	0.00%	0.00%	0.00%	21.41
DC	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	2.40
DE	13	11	2	23.08%	27.27%	0.00%	0.00%	0.00%	0.00%	8.00
FL										
GA	1,161	1,052	109	0.52%	0.48%	0.92%	0.00%	0.00%	0.00%	< 0.50
HI	19	15	4	5.26%	6.67%	0.00%	0.00%	0.00%	0.00%	1.00
IA										
IL										
IN	395	350	46	5.57%	5.14%	10.87%	0.25%	0.29%	0.00%	16.44
KY	525	291	234	4.38%	3.44%	5.56%	0.00%	0.00%	0.00%	1.50
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	77	65	20	83.12%	89.23%	65.00%	0.00%	0.00%	0.00%	53.00
MD	844	798	51	5.33%	4.51%	17.65%	0.00%	0.00%	0.00%	3.10
MI	23	21	2	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	145.00
MN	1,561	1,536	29	4.16%	3.97%	13.79%	0.00%	0.00%	0.00%	0.60
MO	85	71	14	1.18%	1.41%	0.00%	0.00%	0.00%	0.00%	1.20
MS	11	10	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	2.90
MT										
NC	297	254	44	15.49%	16.93%	6.82%	0.00%	0.00%	0.00%	13.00
NE	30	30	0	100.00%	100.00%	0.00%	3.33%	3.33%	0.00%	342.70
NH										
NJ	1,242	1,239	3	7.57%	7.59%	0.00%	0.08%	0.08%	0.00%	7.10
NM	590	555	35	0.34%	0.36%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	10	8	4	10.00%	12.50%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	355	252	122	6.20%	8.73%	0.82%	0.28%	0.40%	0.00%	8.00
OH	1,687	1,557	134	2.07%	1.99%	2.99%	0.06%	0.06%	0.00%	2.00
SD										
TN										
TX	5	3	2	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	90.00
UT	417	395	36	2.64%	2.53%	2.78%	0.00%	0.00%	0.00%	0.10
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
VT										
WA	992	937	77	2.02%	2.03%	1.30%	0.00%	0.00%	0.00%	1.50
WV	68	32	36	5.88%	12.50%	0.00%	0.00%	0.00%	0.00%	4.00
WY	144	116	37	4.17%	4.31%	2.70%	0.00%	0.00%	0.00%	0.40
TOTAL	15,923	14,685	1,393	4.58%	4.51%	5.60%	0.04%	0.04%	0.00%	6.10
24 STATES	15,279	14,191	1,213	3.66%	3.57%	4.62%	0.03%	0.03%	0.00%	5.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for 1,1,1-Trichloroethane is 200 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.54.b URCIS (Round 1) Data- 1,1,1-Trichloroethane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	685	1,787	1,484	303	4.03%	4.38%	2.31%	< 0.00	10.50	150.00	0.20	5.40
AL	132	356	249	107	5.34%	6.43%	2.80%	< 0.50	6.80	18.00	0.50	2.10
AR												
AZ	961	3,083	2,373	710	0.65%	0.84%	0.00%	< 0.05	< 5.00	9.00	0.40	2.00
CA	3,559	13,317	13,180	137	10.11%	10.19%	2.92%	< 0.00	4.80	202.20	0.20	1.00
CO	18	143	138	5	74.83%	76.09%	40.00%	< 0.00	21.41	22.60	0.06	2.70
DC	1	66	0	66	3.03%	0.00%	3.03%	< 0.50	2.40	2.40	1.20	1.80
DE	13	333	189	144	6.31%	11.11%	0.00%	< 0.00	8.00	13.20	0.20	1.40
FL												
GA	1,161	2,461	1,863	598	0.49%	0.43%	0.67%	< 0.50	< 0.50	15.10	0.80	2.80
HI	19	61	34	27	3.28%	5.88%	0.00%	< 0.30	1.00	1.00	1.00	1.00
IA								<				
IL								<				
IN	395	2,697	1,854	843	9.90%	10.63%	8.30%	< 0.10	16.44	330.00	0.15	1.12
KY	525	3,688	1,406	2,282	1.52%	2.63%	0.83%	< 0.06	1.50	49.00	1.00	2.20
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	77	351	312	39	89.46%	91.35%	74.36%	< 0.00	53.00	140.00	0.06	1.30
MD	844	1,786	1,306	480	4.82%	5.28%	3.54%	< 0.10	3.10	12.00	0.20	1.00
MI	23	189	182	7	100.00%	100.00%	100.00%	1.00	145.00	150.00	1.00	9.00
MN	1,561	2,741	2,662	79	3.14%	3.04%	6.33%	< 0.10	0.60	13.00	0.10	0.40
MO	85	325	293	32	2.15%	2.39%	0.00%	< 0.20	1.20	1.70	0.40	1.20
MS	11	30	29	1	100.00%	100.00%	100.00%	0.50	2.90	2.90	0.50	0.85
MT												
NC	297	644	569	75	13.04%	14.24%	4.00%	< 0.41	13.00	25.80	0.41	2.10
NE	30	65	65	0	100.00%	100.00%	0.00%	0.20	342.70	342.70	0.20	1.10
NH												
NJ	1,242	1,775	1,766	9	10.87%	10.93%	0.00%	< 0.00	7.10	290.00	0.04	0.83
NM	590	1,595	1,475	120	0.13%	0.14%	0.00%	< 0.00	< 1.00	3.70	1.80	2.75
NV	10	191	155	36	0.52%	0.65%	0.00%	< 0.05	< 0.20	0.20	0.20	0.20
NY	355	2,149	1,604	545	5.91%	7.79%	0.37%	< 0.08	8.00	213.00	0.40	1.50
OH	1,687	6,369	5,755	614	2.21%	2.38%	0.65%	< 0.00	2.00	281.00	0.31	1.60
SD												
TN												
TX	5	6	4	2	100.00%	100.00%	100.00%	1.00	90.00	90.00	1.00	1.80
UT	417	1,290	1,175	115	1.47%	1.53%	0.87%	< 0.10	0.10	4.00	0.10	0.70
VI	3	10	0	10	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
VT												
WA	992	3,987	3,656	331	3.06%	3.25%	0.91%	< 0.50	1.50	4.20	0.50	1.10
WV	68	452	120	332	1.77%	6.67%	0.00%	< 0.05	4.00	10.00	0.50	4.00
WY	144	310	259	51	2.26%	2.32%	1.96%	< 0.20	0.40	16.00	0.20	0.40
TOTAL	15,923	52,279	44,175	8,104	6.53%	7.30%	2.30%	< 0.00	6.00	342.70	0.04	1.20
24 States	15,279	48,399	41,186	7,213	5.25%	5.83%	1.95%	< 0.00	3.71	330.00	0.04	1.10

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.54.c URCIS (Round 1) Data- 1,1,1-Trichloroethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,787	685	553	138	3.94%	3.62%	5.07%	0.29%	0.36%	0.00%	0.00%	0.00%	0.00%
AL	356	132	94	42	10.61%	11.70%	7.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	3,083	961	888	115	0.31%	0.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	13,317	3,559	3,529	43	3.79%	3.77%	9.30%	0.03%	0.03%	0.00%	0.03%	0.03%	0.00%
CO	143	18	14	5	50.00%	50.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	66	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	23.08%	27.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL													
GA	2,461	1,161	1,052	109	0.52%	0.48%	0.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	61	19	15	4	5.26%	6.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA													
IL													
IN	2,697	395	350	46	5.57%	5.14%	10.87%	0.25%	0.29%	0.00%	0.25%	0.29%	0.00%
KY	3,688	525	291	234	4.38%	3.44%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	351	77	65	20	83.12%	89.23%	65.00%	1.30%	0.00%	5.00%	0.00%	0.00%	0.00%
MD	1,786	844	798	51	5.33%	4.51%	17.65%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	189	23	21	2	100.00%	100.00%	100.00%	13.04%	14.29%	0.00%	0.00%	0.00%	0.00%
MN	2,741	1,561	1,536	29	4.16%	3.97%	13.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	325	85	71	14	1.18%	1.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	30	11	10	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT													
NC	644	297	254	44	15.49%	16.93%	6.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE	65	30	30	0	100.00%	100.00%	0.00%	3.33%	3.33%	0.00%	3.33%	3.33%	0.00%
NH													
NJ	1,775	1,242	1,239	3	7.57%	7.59%	0.00%	0.08%	0.08%	0.00%	0.08%	0.08%	0.00%
NM	1,595	590	555	35	0.34%	0.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	191	10	8	4	10.00%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,149	355	252	122	6.20%	8.73%	0.82%	0.28%	0.40%	0.00%	0.28%	0.40%	0.00%
OH	6,369	1,687	1,557	134	2.07%	1.99%	2.99%	0.18%	0.19%	0.00%	0.06%	0.06%	0.00%
SD													
TN													
TX	6	5	3	2	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
UT	1,290	417	395	36	2.64%	2.53%	2.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT													
WA	3,987	992	937	77	2.02%	2.03%	1.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	452	68	32	36	5.88%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	310	144	116	37	4.17%	4.31%	2.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	52,279	15,923	14,685	1,393	4.58%	4.51%	5.60%	0.09%	0.09%	0.07%	0.04%	0.04%	0.00%
24 States	48,399	15,279	14,191	1,213	3.66%	3.57%	4.62%	0.05%	0.06%	0.00%	0.03%	0.03%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the

The Maximum Contaminant Level (MCL) for 1,1,1-Trichloroethane is 200 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.55.a URCIS (Round 1) Data- 1,1,2-Trichloroethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	659	531	133	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	131	93	42	10.69%	2.15%	28.57%	0.76%	0.00%	2.38%	1.81
AR										
AZ	943	873	106	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	3,521	3,492	39	0.62%	0.63%	0.00%	0.09%	0.09%	0.00%	< 1.00
CO	10	7	4	10.00%	0.00%	25.00%	0.00%	0.00%	0.00%	< 0.47
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	13	11	2	7.69%	9.09%	0.00%	7.69%	9.09%	0.00%	< 0.50
FL	224	42	204	4.91%	7.14%	3.92%	0.45%	0.00%	0.49%	1.10
GA	1,162	1,053	109	0.09%	0.09%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA	1,002	963	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
IL	1,299	1,185	114	0.46%	0.42%	0.88%	0.00%	0.00%	0.00%	< 1.00
IN	365	327	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	0.19%	0.34%	0.00%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	2	1	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.90
MD	828	782	51	0.36%	0.13%	3.92%	0.12%	0.13%	0.00%	< 0.50
MI										
MN	1,564	1,539	29	0.58%	0.52%	6.90%	0.00%	0.00%	0.00%	< 0.20
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	2.60
MT	565	523	57	0.18%	0.00%	1.75%	0.18%	0.00%	1.75%	< 1.00
NC	297	254	44	0.67%	0.39%	2.27%	0.00%	0.00%	0.00%	< 0.50
NE										
NH										
NJ	1,511	1,486	25	0.26%	0.27%	0.00%	0.00%	0.00%	0.00%	< 1.00
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	355	252	122	0.85%	0.79%	0.82%	0.28%	0.00%	0.82%	< 1.00
OH	2,656	2,493	167	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD	335	306	29	0.30%	0.33%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	303	156	147	0.99%	0.00%	2.04%	0.00%	0.00%	0.00%	< 0.50
TX										
UT	84	81	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 10.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	1	1		100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.60
WA	992	937	77	0.40%	0.32%	1.30%	0.00%	0.00%	0.00%	< 0.50
WV	137	63	75	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	1.38%	0.00%	5.26%	0.00%	0.00%	0.00%	< 1.00
TOTAL	20,456	18,613	2,006	0.46%	0.32%	1.79%	0.04%	0.03%	0.20%	< 1.00
24 STATES	19,964	18,253	1,853	0.43%	0.29%	1.78%	0.04%	0.02%	0.16%	< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for 1,1,2-Trichloroethene is 5 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.55.b URCIS (Round 1) Data- 1,1,2-Trichloroethane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	659	1,606	1,321	285	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL	131	351	244	107	12.54%	0.82%	39.25%	< 0.50	1.81	6.36	0.51	0.98
AR												
AZ	943	2,930	2,271	659	0.00%	0.00%	0.00%	< 0.05	< 1.00	< 15.00		
CA	3,521	11,719	11,617	102	0.32%	0.33%	0.00%	< 0.00	< 1.00	9.00	0.20	1.20
CO	10	34	30	4	2.94%	0.00%	25.00%	< 0.10	< 0.47	0.47	0.47	0.47
DC	1	62	0	62	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.30%	0.53%	0.00%	< 0.20	< 0.50	23.40	23.40	23.40
FL	224	323	69	254	3.72%	5.80%	3.15%	< 0.00	1.10	46.00	0.02	1.00
GA	1,162	2,461	1,863	598	0.08%	0.11%	0.00%	< 0.50	< 0.50	2.40	1.60	2.00
HI	127	1,221	1,081	140	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
IA	1,002	1,908	1,697	211	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
IL	1,299	5,270	4,268	1,002	0.17%	0.19%	0.10%	< 0.01	< 1.00	0.78	0.12	0.50
IN	365	1,933	1,512	421	0.00%	0.00%	0.00%	< 0.04	< 2.00	< 5.00		
KY	524	2,076	1,119	957	0.05%	0.09%	0.00%	< 0.50	< 1.00	2.00	2.00	2.00
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	2	2	1	1	100.00%	100.00%	100.00%	0.60	0.90	0.90	0.60	0.75
MD	828	1,730	1,263	467	0.17%	0.08%	0.43%	< 0.10	< 0.50	11.50	0.70	0.70
MI												
MN	1,564	2,753	2,674	79	0.44%	0.37%	2.53%	< 0.20	< 0.20	3.30	0.20	0.30
MO	85	324	297	27	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	1	2	2	0	100.00%	100.00%	0.00%	2.40	2.60	2.60	2.40	2.50
MT	565	1,624	1,376	248	0.12%	0.00%	0.81%	< 0.50	< 1.00	11.00	5.44	8.22
NC	297	644	569	75	0.31%	0.18%	1.33%	< 0.50	< 0.50	1.50	0.50	1.00
NE												
NH												
NJ	1,511	3,130	2,775	355	0.16%	0.18%	0.00%	< 0.00	< 1.00	2.10	0.60	1.18
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	355	2,161	1,617	544	0.28%	0.31%	0.18%	< 0.10	< 1.00	14.00	0.90	1.75
OH	2,656	16,084	15,165	919	0.01%	0.01%	0.00%	< 0.20	< 0.50	1.00	1.00	1.00
SD	335	444	363	81	0.23%	0.28%	0.00%	< 0.16	< 0.50	0.16	0.16	0.16
TN	303	1,220	433	787	0.33%	0.00%	0.51%	< 0.01	< 0.50	1.20	0.50	0.90
TX												
UT	84	152	139	13	0.00%	0.00%	0.00%	< 0.10	< 10.00	< 10.00		
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1	0	100.00%	100.00%	0.00%	0.60	0.60	0.60	0.60	0.60
WA	992	3,987	3,656	331	0.18%	0.16%	0.30%	< 0.50	< 0.50	1.80	0.50	0.60
WV	137	390	164	226	0.00%	0.00%	0.00%	< 0.05	< 4.00	< 4.00		
WY	145	313	259	54	0.64%	0.00%	3.70%	< 0.20	< 1.00	2.50	1.80	2.15
TOTAL	20,456	68,963	59,664	9,299	0.23%	0.15%	0.73%	< 0.00	< 1.00	46.00	0.02	1.00
24 States	19,964	65,864	57,373	8,491	0.22%	0.14%	0.77%	< 0.00	< 1.00	46.00	0.02	0.99

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.55.c URCIS (Round 1) Data- 1,1,2-Trichloroethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,606	659	531	133	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	351	131	93	42	10.69%	2.15%	28.57%	1.53%	0.00%	4.76%	0.76%	0.00%	2.38%
AR													
AZ	2,930	943	873	106	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	11,719	3,521	3,492	39	0.62%	0.63%	0.00%	0.20%	0.20%	0.00%	0.09%	0.09%	0.00%
CO	34	10	7	4	10.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	62	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	7.69%	9.09%	0.00%	7.69%	9.09%	0.00%	7.69%	9.09%	0.00%
FL	323	224	42	204	4.91%	7.14%	3.92%	0.89%	0.00%	0.98%	0.45%	0.00%	0.49%
GA	2,461	1,162	1,053	109	0.09%	0.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,908	1,002	963	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	5,270	1,299	1,185	114	0.46%	0.42%	0.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,933	365	327	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,076	524	291	233	0.19%	0.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	2	2	1	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,730	828	782	51	0.36%	0.13%	3.92%	0.12%	0.13%	0.00%	0.12%	0.13%	0.00%
MI													
MN	2,753	1,564	1,539	29	0.58%	0.52%	6.90%	0.06%	0.06%	0.00%	0.00%	0.00%	0.00%
MO	324	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	2	1	1	0	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%
MT	1,624	565	523	57	0.18%	0.00%	1.75%	0.18%	0.00%	1.75%	0.18%	0.00%	1.75%
NC	644	297	254	44	0.67%	0.39%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE													
NH													
NJ	3,130	1,511	1,486	25	0.26%	0.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,161	355	252	122	0.85%	0.79%	0.82%	0.56%	0.40%	0.82%	0.28%	0.00%	0.82%
OH	16,084	2,656	2,493	167	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	444	335	306	29	0.30%	0.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,220	303	156	147	0.99%	0.00%	2.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX													
UT	152	84	81	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	0.40%	0.32%	1.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	390	137	63	75	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	1.38%	0.00%	5.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	68,963	20,456	18,613	2,006	0.46%	0.32%	1.79%	0.09%	0.06%	0.30%	0.04%	0.03%	0.20%
24 States	65,864	19,964	18,253	1,853	0.43%	0.29%	1.78%	0.07%	0.05%	0.27%	0.04%	0.02%	0.16%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the

The Maximum Contaminant Level (MCL) for 1,1,2-Trichloroethene is 5 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.56.a URCIS (Round 1) Data- Trichloroethylene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	709	576	139	2.12%	2.43%	0.72%	0.42%	0.52%	0.00%	0.20
AL	134	96	42	12.69%	14.58%	9.52%	2.99%	3.13%	2.38%	14.10
AR										
AZ	968	893	119	1.03%	0.90%	2.52%	0.62%	0.45%	1.68%	< 1.00
CA	3,532	3,503	43	5.12%	5.14%	9.30%	2.18%	2.17%	2.33%	42.00
CO	15	12	5	46.67%	50.00%	40.00%	6.67%	8.33%	0.00%	39.00
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
DE	13	11	2	30.77%	36.36%	0.00%	15.38%	18.18%	0.00%	6.20
FL										
GA	1,161	1,052	109	0.95%	0.95%	0.92%	0.52%	0.57%	0.00%	< 0.50
HI	19	15	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA										
IL										
IN	398	352	47	6.03%	5.40%	10.64%	2.76%	2.56%	4.26%	17.56
KY	525	291	234	7.62%	1.72%	14.96%	0.76%	0.69%	0.85%	1.00
LA	13	9	4	7.69%	11.11%	0.00%	7.69%	11.11%	0.00%	3668.90
MA	65	58	14	70.77%	70.69%	85.71%	32.31%	29.31%	50.00%	58.00
MD	844	798	51	3.08%	2.13%	17.65%	0.12%	0.13%	0.00%	0.80
MI	29	26	3	100.00%	100.00%	100.00%	58.62%	57.69%	66.67%	124.00
MN	1,564	1,539	29	3.26%	3.25%	3.45%	0.13%	0.13%	0.00%	0.60
MO	85	71	14	4.71%	5.63%	0.00%	0.00%	0.00%	0.00%	0.60
MS	4	4	0	100.00%	100.00%	0.00%	25.00%	25.00%	0.00%	616.50
MT										
NC	297	254	44	14.14%	15.35%	6.82%	2.36%	2.76%	0.00%	13.70
NE	25	25	0	100.00%	100.00%	0.00%	16.00%	16.00%	0.00%	65.10
NH										
NJ	1,241	1,238	3	5.00%	5.01%	0.00%	1.21%	1.21%	0.00%	20.10
NM	590	555	35	0.51%	0.54%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	10	8	4	10.00%	12.50%	0.00%	0.00%	0.00%	0.00%	1.80
NY	356	252	123	7.30%	8.33%	4.88%	1.97%	2.38%	0.81%	7.20
OH	1,687	1,557	134	1.90%	2.06%	0.00%	0.65%	0.71%	0.00%	5.47
SD										
TN										
TX	9	8	1	100.00%	100.00%	100.00%	11.11%	12.50%	0.00%	6.00
UT	416	394	36	1.44%	1.27%	2.78%	0.00%	0.00%	0.00%	< 2.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
VT										
WA	992	937	77	1.51%	1.60%	0.00%	0.20%	0.21%	0.00%	2.00
WV	69	32	37	4.35%	9.38%	0.00%	1.45%	3.13%	0.00%	< 4.00
WY	144	116	37	2.78%	1.72%	5.41%	0.00%	0.00%	0.00%	0.20
TOTAL	15,918	14,682	1,394	4.38%	4.22%	6.67%	1.29%	1.29%	1.29%	25.00
24 STATES	15,290	14,198	1,220	3.54%	3.37%	5.66%	0.98%	1.00%	0.66%	20.75

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Trichloroethylene is 5 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.56.b URCIS (Round 1) Data- Trichloroethylene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	709	2,027	1,714	313	1.09%	1.17%	0.64%	< 0.00	0.20	9.00	0.10	1.10
AL	134	365	256	109	17.26%	22.27%	5.50%	< 0.10	14.10	590.00	0.10	2.00
AR												
AZ	968	3,079	2,363	716	0.58%	0.51%	0.84%	< 0.10	< 1.00	80.00	0.50	4.30
CA	3,532	18,304	18,134	170	33.37%	33.47%	22.94%	< 0.00	42.00	643.40	0.04	3.20
CO	15	170	165	5	82.35%	83.64%	40.00%	< 0.00	39.00	39.00	0.20	6.90
DC	1	66	0	66	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
DE	13	336	191	145	7.74%	13.61%	0.00%	< 0.00	6.20	10.50	0.10	1.95
FL												
GA	1,161	2,463	1,864	599	0.89%	1.13%	0.17%	< 0.50	< 0.50	146.70	0.50	9.30
HI	19	60	33	27	0.00%	0.00%	0.00%	< 0.30	< 0.30	< 0.30		
IA												
IL												
IN	398	2,741	1,897	844	11.93%	14.02%	7.23%	< 0.01	17.56	59.49	0.01	0.99
KY	525	3,686	1,406	2,280	1.95%	1.49%	2.24%	< 0.10	1.00	465.00	0.50	1.25
LA	13	22	18	4	22.73%	27.78%	0.00%	< 0.50	######	######	2.70	13.20
MA	65	316	274	42	85.44%	85.04%	88.10%	< 0.00	58.00	81.00	0.09	1.80
MD	844	1,785	1,305	480	2.46%	1.99%	3.75%	< 0.10	0.80	14.00	0.10	0.40
MI	29	514	371	143	100.00%	100.00%	100.00%	1.00	124.00	######	1.00	3.00
MN	1,564	2,750	2,673	77	3.13%	3.18%	1.30%	< 0.10	0.60	9.70	0.10	0.30
MO	85	327	295	32	1.53%	1.69%	0.00%	< 0.20	0.60	3.00	0.50	0.60
MS	4	69	69	0	100.00%	100.00%	0.00%	0.50	616.50	616.50	0.50	1.40
MT												
NC	297	644	569	75	17.86%	19.51%	5.33%	< 0.50	13.70	34.90	0.50	1.81
NE	25	139	139	0	100.00%	100.00%	0.00%	0.20	65.10	66.60	0.20	1.20
NH												
NJ	1,241	1,772	1,763	9	9.59%	9.64%	0.00%	< 0.00	20.10	562.00	0.11	1.70
NM	590	1,595	1,475	120	0.69%	0.75%	0.00%	< 0.00	< 1.00	2.40	0.70	1.00
NV	10	191	155	36	1.57%	1.94%	0.00%	< 0.05	1.80	1.90	1.50	1.80
NY	356	2,541	1,863	678	6.06%	7.94%	0.88%	< 0.04	7.20	92.00	0.40	3.60
OH	1,687	6,366	5,751	615	3.80%	4.21%	0.00%	< 0.00	5.47	440.00	0.25	2.31
SD												
TN												
TX	9	12	10	2	100.00%	100.00%	100.00%	1.00	6.00	6.00	1.00	1.70
UT	416	1,278	1,165	113	0.78%	0.77%	0.88%	< 0.10	< 2.00	0.50	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
VT												
WA	992	3,987	3,656	331	2.21%	2.41%	0.00%	< 0.50	2.00	14.40	0.50	1.70
WV	69	462	129	333	0.87%	3.10%	0.00%	< 0.05	< 4.00	6.00	2.00	4.80
WY	144	310	259	51	1.29%	0.77%	3.92%	< 0.20	0.20	1.40	0.20	0.45
TOTAL	15,918	58,387	49,962	8,425	14.97%	16.73%	4.53%	< 0.00	25.00	######	0.01	3.00
24 States	15,290	53,674	46,412	7,262	13.80%	15.54%	2.64%	< 0.00	20.75	643.40	0.01	3.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory anal

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.56.c URCIS (Round 1) Data- Trichloroethylene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	2,027	709	576	139	2.12%	2.43%	0.72%	0.56%	0.52%	0.72%	0.42%	0.52%	0.00%
AL	365	134	96	42	12.69%	14.58%	9.52%	5.97%	6.25%	4.76%	2.99%	3.13%	2.38%
AR													
AZ	3,079	968	893	119	1.03%	0.90%	2.52%	0.83%	0.67%	2.52%	0.62%	0.45%	1.68%
CA	18,304	3,532	3,503	43	5.12%	5.14%	9.30%	2.97%	2.97%	4.65%	2.18%	2.17%	2.33%
CO	170	15	12	5	46.67%	50.00%	40.00%	13.33%	8.33%	20.00%	6.67%	8.33%	0.00%
DC	66	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	336	13	11	2	30.77%	36.36%	0.00%	30.77%	36.36%	0.00%	15.38%	18.18%	0.00%
FL													
GA	2,463	1,161	1,052	109	0.95%	0.95%	0.92%	0.52%	0.57%	0.00%	0.52%	0.57%	0.00%
HI	60	19	15	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA													
IL													
IN	2,741	398	352	47	6.03%	5.40%	10.64%	2.76%	2.56%	4.26%	2.76%	2.56%	4.26%
KY	3,686	525	291	234	7.62%	1.72%	14.96%	1.33%	1.03%	1.71%	0.76%	0.69%	0.85%
LA	22	13	9	4	7.69%	11.11%	0.00%	7.69%	11.11%	0.00%	7.69%	11.11%	0.00%
MA	316	65	58	14	70.77%	70.69%	85.71%	40.00%	36.21%	64.29%	32.31%	29.31%	50.00%
MD	1,785	844	798	51	3.08%	2.13%	17.65%	0.36%	0.38%	0.00%	0.12%	0.13%	0.00%
MI	514	29	26	3	100.00%	100.00%	100.00%	62.07%	61.54%	66.67%	58.62%	57.69%	66.67%
MN	2,750	1,564	1,539	29	3.26%	3.25%	3.45%	0.32%	0.32%	0.00%	0.13%	0.13%	0.00%
MO	327	85	71	14	4.71%	5.63%	0.00%	1.18%	1.41%	0.00%	0.00%	0.00%	0.00%
MS	69	4	4	0	100.00%	100.00%	0.00%	25.00%	25.00%	0.00%	25.00%	25.00%	0.00%
MT													
NC	644	297	254	44	14.14%	15.35%	6.82%	6.06%	6.69%	2.27%	2.36%	2.76%	0.00%
NE	139	25	25	0	100.00%	100.00%	0.00%	24.00%	24.00%	0.00%	16.00%	16.00%	0.00%
NH													
NJ	1,772	1,241	1,238	3	5.00%	5.01%	0.00%	1.85%	1.86%	0.00%	1.21%	1.21%	0.00%
NM	1,595	590	555	35	0.51%	0.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	191	10	8	4	10.00%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,541	356	252	123	7.30%	8.33%	4.88%	3.37%	3.97%	1.63%	1.97%	2.38%	0.81%
OH	6,366	1,687	1,557	134	1.90%	2.06%	0.00%	0.77%	0.83%	0.00%	0.65%	0.71%	0.00%
SD													
TN													
TX	12	9	8	1	100.00%	100.00%	100.00%	44.44%	37.50%	100.00%	11.11%	12.50%	0.00%
UT	1,278	416	394	36	1.44%	1.27%	2.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT													
WA	3,987	992	937	77	1.51%	1.60%	0.00%	0.60%	0.64%	0.00%	0.20%	0.21%	0.00%
WV	462	69	32	37	4.35%	9.38%	0.00%	2.90%	6.25%	0.00%	1.45%	3.13%	0.00%
WY	310	144	116	37	2.78%	1.72%	5.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	58,387	15,918	14,682	1,394	4.38%	4.22%	6.67%	1.85%	1.84%	2.15%	1.29%	1.29%	1.29%
24 States	53,674	15,290	14,198	1,220	3.54%	3.37%	5.66%	1.43%	1.45%	1.23%	0.98%	1.00%	0.66%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.
The Maximum Contaminant Level (MCL) for Trichloroethylene is 5 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.57.a URCIS (Round 1) Data- Trichlorofluoromethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > HAL	% GW PWS > HAL	% SW PWS > HAL	99% VALUE (µg/L)
AK	645	523	127	4.65%	4.21%	6.30%	0.00%	0.00%	0.00%	8.40
AL	131	93	42	10.69%	12.90%	7.14%	0.00%	0.00%	0.00%	4.40
AR										
AZ	940	870	106	0.21%	0.11%	0.94%	0.00%	0.00%	0.00%	< 5.00
CA	3,528	3,496	41	3.34%	3.26%	12.20%	0.03%	0.03%	0.00%	2.60
CO	9	5	5	77.78%	60.00%	80.00%	0.00%	0.00%	0.00%	5.10
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	10	8	2	10.00%	12.50%	0.00%	0.00%	0.00%	0.00%	1.00
FL	205	40	184	6.83%	5.00%	6.52%	0.00%	0.00%	0.00%	4.00
GA	1,161	1,052	109	0.17%	0.19%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI										
IA										
IL	213	149	64	2.82%	2.68%	3.13%	0.00%	0.00%	0.00%	0.58
IN	361	325	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	0.19%	0.34%	0.00%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	7	6	1	85.71%	83.33%	100.00%	0.00%	0.00%	0.00%	5.00
MD	986	940	51	0.61%	0.53%	1.96%	0.00%	0.00%	0.00%	< 0.50
MI										
MN	1,565	1,540	29	0.19%	0.19%	0.00%	0.00%	0.00%	0.00%	< 2.00
MO	85	71	14	4.71%	5.63%	0.00%	1.18%	1.41%	0.00%	150.00
MS	6	6	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	1.60
MT										
NC	297	254	44	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NE	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	7.00
NH										
NJ	803	792	11	0.75%	0.76%	0.00%	0.00%	0.00%	0.00%	< 2.40
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	37.50%	42.86%	0.00%	0.00%	0.00%	0.00%	3.30
NY	355	252	122	2.25%	2.38%	1.64%	0.00%	0.00%	0.00%	< 1.00
OH	2,654	2,492	166	0.90%	0.96%	0.00%	0.00%	0.00%	0.00%	< 1.00
SD	335	306	29	0.30%	0.00%	3.45%	0.00%	0.00%	0.00%	< 0.50
TN	303	156	147	0.99%	0.64%	1.36%	0.00%	0.00%	0.00%	< 0.50
TX										
UT	412	392	34	0.97%	1.02%	0.00%	0.00%	0.00%	0.00%	< 5.00
VI	3	0	3	33.33%	0.00%	33.33%	0.00%	0.00%	0.00%	1.30
VT										
WA	992	937	77	0.81%	0.85%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	61	28	33	4.92%	7.14%	3.03%	0.00%	0.00%	0.00%	3.00
WY	145	116	38	2.76%	1.72%	5.26%	0.00%	0.00%	0.00%	1.10
TOTAL	17,350	15,713	1,791	1.65%	1.55%	2.57%	0.01%	0.01%	0.00%	0.70
24 STATES	16,851	15,347	1,637	1.48%	1.39%	2.32%	0.01%	0.01%	0.00%	0.60

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type);
MRL= Minimum Reporting Limit (for laboratory analyses)
"% > HAL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HAL.
The Health Advisory Limit (HAL) for Trichlorofluoromethane is 175 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.57.b URCIS (Round 1) Data- Trichlorofluoromethane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	645	1,531	1,274	257	4.96%	5.18%	3.89%	< 0.00	8.40	91.00	0.20	3.35
AL	131	351	244	107	10.83%	13.11%	5.61%	< 0.09	4.40	11.00	0.09	2.00
AR												
AZ	940	2,871	2,223	648	0.07%	0.04%	0.15%	< 0.05	< 5.00	2.20	0.50	1.35
CA	3,528	11,817	11,717	100	3.28%	3.25%	7.00%	< 0.00	2.60	1,444.00	0.10	1.30
CO	9	30	18	12	76.67%	77.78%	75.00%	< 0.00	5.10	5.10	0.11	1.00
DC	1	48	0	48	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	10	53	44	9	1.89%	2.27%	0.00%	< 0.40	1.00	1.00	1.00	1.00
FL	205	283	59	224	5.30%	5.08%	5.36%	< 0.00	4.00	16.00	0.01	1.00
GA	1,161	2,463	1,864	599	0.24%	0.32%	0.00%	< 0.50	< 0.50	13.50	6.50	10.10
HI												
IA												
IL	213	728	485	243	1.37%	1.65%	0.82%	< 0.07	0.58	2.40	0.07	0.62
IN	361	1,901	1,498	403	0.00%	0.00%	0.00%	< 0.10	< 2.00	< 5.00		
KY	524	2,309	1,170	1,139	0.04%	0.09%	0.00%	< 0.50	< 1.00	1.00	1.00	1.00
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	7	10	8	2	80.00%	75.00%	100.00%	< 0.00	5.00	5.00	0.40	1.24
MD	986	1,908	1,440	468	0.37%	0.35%	0.43%	< 0.10	< 0.50	73.00	0.10	0.30
MI												
MN	1,565	2,756	2,677	79	0.11%	0.11%	0.00%	< 0.40	< 2.00	2.90	0.40	1.80
MO	85	323	297	26	3.72%	4.04%	0.00%	< 0.20	150.00	180.00	0.80	120.00
MS	6	6	6	0	100.00%	100.00%	0.00%	0.70	1.60	1.60	0.70	0.85
MT												
NC	297	644	569	75	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
NE	2	5	5	0	100.00%	100.00%	0.00%	0.70	7.00	7.00	0.70	1.50
NH												
NJ	803	1,631	1,444	187	0.43%	0.48%	0.00%	< 0.00	< 2.40	5.00	0.90	1.00
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	5.41%	5.88%	0.00%	< 0.20	3.30	5.60	0.30	1.25
NY	355	2,150	1,616	534	0.79%	0.87%	0.56%	< 0.08	< 1.00	2.98	0.60	0.90
OH	2,654	15,951	15,034	917	0.43%	0.45%	0.00%	< 0.20	< 1.00	16.30	0.30	1.23
SD	335	444	363	81	0.23%	0.00%	1.23%	< 0.50	< 0.50	4.50	4.50	4.50
TN	303	1,219	433	786	0.25%	0.23%	0.25%	< 0.03	< 0.50	6.90	0.70	0.80
TX												
UT	412	1,240	1,135	105	0.65%	0.70%	0.00%	< 0.00	< 5.00	102.00	0.10	0.10
VI	3	10	0	10	10.00%	0.00%	10.00%	< 1.00	1.30	1.30	1.30	1.30
VT												
WA	992	3,987	3,656	331	0.53%	0.57%	0.00%	< 0.50	< 0.50	20.00	0.50	0.70
WV	61	193	83	110	1.55%	2.41%	0.91%	< 0.10	3.00	13.00	3.00	3.00
WY	145	313	259	54	1.60%	1.16%	3.70%	< 0.20	1.10	2.10	1.00	1.20
TOTAL	17,350	58,940	51,250	7,690	1.26%	1.33%	0.79%	< 0.00	0.70	1,444.00	0.01	1.30
24 States	16,851	56,135	49,102	7,033	1.18%	1.25%	0.65%	< 0.00	0.60	1,444.00	0.01	1.30

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.57.c URCIS (Round 1) Data- Trichlorofluoromethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HAL	% GW PWS > 1/2 HAL	% SW PWS > 1/2 HAL	% PWS > HAL	% GW PWS > HAL	% SW PWS > HAL
AK	1,531	645	523	127	4.65%	4.21%	6.30%	0.16%	0.19%	0.00%	0.00%	0.00%	0.00%
AL	351	131	93	42	10.69%	12.90%	7.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	2,871	940	870	106	0.21%	0.11%	0.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	11,817	3,528	3,496	41	3.34%	3.26%	12.20%	0.03%	0.03%	0.00%	0.03%	0.03%	0.00%
CO	30	9	5	5	77.78%	60.00%	80.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	48	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	53	10	8	2	10.00%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	283	205	40	184	6.83%	5.00%	6.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,463	1,161	1,052	109	0.17%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI													
IA													
IL	728	213	149	64	2.82%	2.68%	3.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,901	361	325	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,309	524	291	233	0.19%	0.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	10	7	6	1	85.71%	83.33%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,908	986	940	51	0.61%	0.53%	1.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI													
MN	2,756	1,565	1,540	29	0.19%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	323	85	71	14	4.71%	5.63%	0.00%	2.35%	2.82%	0.00%	1.18%	1.41%	0.00%
MS	6	6	6	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT													
NC	644	297	254	44	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE	5	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH													
NJ	1,631	803	792	11	0.75%	0.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	37.50%	42.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,150	355	252	122	2.25%	2.38%	1.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	15,951	2,654	2,492	166	0.90%	0.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	444	335	306	29	0.30%	0.00%	3.45%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,219	303	156	147	0.99%	0.64%	1.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX													
UT	1,240	412	392	34	0.97%	1.02%	0.00%	0.24%	0.26%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	33.33%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT													
WA	3,987	992	937	77	0.81%	0.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	193	61	28	33	4.92%	7.14%	3.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	2.76%	1.72%	5.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	58,940	17,350	15,713	1,791	1.65%	1.55%	2.57%	0.03%	0.03%	0.00%	0.01%	0.01%	0.00%
24 States	56,135	16,851	15,347	1,637	1.48%	1.39%	2.32%	0.02%	0.02%	0.00%	0.01%	0.01%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for l
"% > HAL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HAL.
The Health Advisory Limit (HAL) for Trichlorofluoromethane is 175 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.58.a URCIS (Round 1) Data- 1,2,3-Trichloropropane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	658	531	132	0.15%	0.19%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	131	93	42	3.05%	3.23%	2.38%	0.00%	0.00%	0.00%	0.80
AR										
AZ	939	870	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
CA	596	573	29	0.84%	0.87%	0.00%	0.00%	0.00%	0.00%	1.00
CO	9	7	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
DE	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
FL	115	31	95	0.87%	0.00%	1.05%	0.00%	0.00%	0.00%	< 0.00
GA	1,162	1,053	109	0.09%	0.09%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	127	112	16	3.15%	3.57%	0.00%	0.00%	0.00%	0.00%	< 1.10
IA	1,002	963	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
IL	1,302	1,187	115	0.23%	0.25%	0.00%	0.00%	0.00%	0.00%	< 2.00
IN	363	326	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.95
MD	983	936	50	0.20%	0.11%	2.00%	0.00%	0.00%	0.00%	< 0.50
MI										
MN	1,553	1,529	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS										
MT	565	523	57	0.18%	0.00%	1.75%	0.00%	0.00%	0.00%	< 1.00
NC	297	254	44	0.67%	0.79%	0.00%	0.00%	0.00%	0.00%	< 0.50
NE	4	3	0	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	1.50
NH										
NJ	1,499	1,474	25	0.67%	0.68%	0.00%	0.07%	0.07%	0.00%	< 2.00
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
NY	354	251	122	0.56%	0.80%	0.00%	0.00%	0.00%	0.00%	< 1.00
OH	2,654	2,492	166	0.08%	0.08%	0.00%	0.00%	0.00%	0.00%	< 2.00
SD	335	306	29	0.60%	0.65%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TX										
UT	420	400	34	1.19%	1.25%	0.00%	0.00%	0.00%	0.00%	< 5.00
VI	3		3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	1.10
WA	992	937	77	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%	< 0.50
WV	137	63	75	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
WY	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
TOTAL	17,884	16,132	1,910	0.29%	0.29%	0.26%	0.01%	0.01%	0.00%	< 2.00
24 STATES	17,392	15,771	1,758	0.25%	0.25%	0.23%	0.01%	0.01%	0.00%	< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for 1,2,3-Trichloropropane is 40 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.58.b URCIS (Round 1) Data- 1,2,3-Trichloropropane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	658	1,600	1,317	283	0.06%	0.08%	0.00%	< 0.00	< 0.00	8.70	8.70	8.70
AL	131	351	244	107	1.14%	1.23%	0.93%	< 0.50	0.80	3.70	0.80	0.95
AR												
AZ	939	2,876	2,236	640	0.00%	0.00%	0.00%	< 0.20	< 5.00	< 10.00		
CA	596	1,649	1,581	68	0.61%	0.63%	0.00%	< 0.00	1.00	6.00	0.10	0.61
CO	9	33	30	3	0.00%	0.00%	0.00%	< 0.16	< 5.00	< 5.00		
DC	1	62	0	62	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	13	333	189	144	0.00%	0.00%	0.00%	< 0.30	< 0.50	< 0.50		
FL	115	156	48	108	0.64%	0.00%	0.93%	< 0.00	< 0.00	1.00	1.00	1.00
GA	1,162	2,460	1,862	598	0.12%	0.16%	0.00%	< 0.00	< 0.50	2.10	0.60	1.60
HI	127	1,221	1,081	140	0.90%	1.02%	0.00%	< 0.00	< 1.10	3.20	0.40	1.30
IA	1,002	1,907	1,696	211	0.00%	0.00%	0.00%	< 0.40	< 2.00	< 2.00		
IL	1,302	6,004	5,038	966	0.10%	0.12%	0.00%	< 0.10	< 2.00	0.50	0.16	0.22
IN	363	1,910	1,501	409	0.00%	0.00%	0.00%	< 0.10	< 2.00	< 5.00		
KY	524	2,076	1,119	957	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	1	1	1	0	100.00%	100.00%	0.00%	0.95	0.95	0.95	0.95	0.95
MD	983	1,753	1,379	374	0.11%	0.07%	0.27%	< 0.10	< 0.50	0.40	0.10	0.25
MI												
MN	1,553	2,655	2,587	68	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 5.00		
MO	85	324	297	27	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS												
MT	565	1,624	1,376	248	0.06%	0.00%	0.40%	< 0.50	< 1.00	0.75	0.75	0.75
NC	297	644	569	75	0.78%	0.88%	0.00%	< 0.50	< 0.50	20.90	0.93	1.08
NE	4	5	3	2	100.00%	100.00%	100.00%	0.50	1.50	1.50	0.50	1.00
NH												
NJ	1,499	3,119	2,764	355	0.48%	0.54%	0.00%	< 0.00	< 2.00	112.00	0.30	4.63
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
NY	354	2,146	1,611	535	0.09%	0.12%	0.00%	< 0.03	< 1.00	0.80	0.60	0.70
OH	2,654	15,948	15,030	918	0.01%	0.01%	0.00%	< 0.20	< 2.00	4.00	3.60	3.80
SD	335	444	363	81	0.45%	0.55%	0.00%	< 0.15	< 0.50	0.19	0.15	0.17
TN	303	1,220	433	787	0.00%	0.00%	0.00%	< 0.04	< 0.50	< 0.50		
TX												
UT	420	1,309	1,198	111	0.69%	0.75%	0.00%	< 0.00	< 5.00	1.70	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	1	0	100.00%	100.00%	0.00%	1.10	1.10	1.10	1.10	1.10
WA	992	3,987	3,656	331	0.10%	0.11%	0.00%	< 0.50	< 0.50	1.40	0.80	1.05
WV	137	384	162	222	0.00%	0.00%	0.00%	< 0.10	< 4.00	< 5.00		
WY	145	313	259	54	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
TOTAL	17,884	60,290	51,260	9,030	0.14%	0.15%	0.07%	< 0.00	< 2.00	112.00	0.10	0.93
24 States	17,392	57,205	48,974	8,231	0.13%	0.15%	0.05%	< 0.00	< 2.00	112.00	0.10	0.92

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.58.c URCIS (Round 1) Data- 1,2,3-Trichloropropane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,600	658	531	132	0.15%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	351	131	93	42	3.05%	3.23%	2.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	2,876	939	870	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	1,649	596	573	29	0.84%	0.87%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	33	9	7	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC	62	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FL	156	115	31	95	0.87%	0.00%	1.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA	2,460	1,162	1,053	109	0.09%	0.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	1,221	127	112	16	3.15%	3.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA	1,907	1,002	963	39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL	6,004	1,302	1,187	115	0.23%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	1,910	363	326	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	2,076	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,753	983	936	50	0.20%	0.11%	2.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI													
MN	2,655	1,553	1,529	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	324	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
MT	1,624	565	523	57	0.18%	0.00%	1.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	644	297	254	44	0.67%	0.79%	0.00%	0.34%	0.39%	0.00%	0.00%	0.00%	0.00%
NE	5	4	3	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH													
NJ	3,119	1,499	1,474	25	0.67%	0.68%	0.00%	0.07%	0.07%	0.00%	0.07%	0.07%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	148	8	7	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,146	354	251	122	0.56%	0.80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	15,948	2,654	2,492	166	0.08%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	444	335	306	29	0.60%	0.65%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	1,220	303	156	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX													
UT	1,309	420	400	34	1.19%	1.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	3,987	992	937	77	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WV	384	137	63	75	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	313	145	116	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	60,290	17,884	16,132	1,910	0.29%	0.29%	0.26%	0.01%	0.01%	0.00%	0.01%	0.01%	0.00%
24 States	57,205	17,392	15,771	1,758	0.25%	0.25%	0.23%	0.01%	0.01%	0.00%	0.01%	0.01%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the
The Maximum Contaminant Level (MCL) for 1,2,3-Trichloropropane is 40 µg/L.
The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.59.a URCIS (Round 1) Data- 1,2,4-Trimethylbenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	667	541	131	2.85%	2.96%	2.29%				0.30
AL	131	93	42	6.87%	8.60%	2.38%				2.70
AR										
AZ	447	406	47	0.89%	0.74%	2.13%				< 2.00
CA	149	135	20	2.68%	2.96%	0.00%				< 0.50
CO	5	3	3	0.00%	0.00%	0.00%				< 0.66
DC	1	0	1	0.00%	0.00%	0.00%				< 0.50
DE	10	8	2	0.00%	0.00%	0.00%				< 0.30
FL										
GA	1,162	1,053	109	0.17%	0.19%	0.00%				< 0.50
HI										
IA										
IL	212	149	63	0.47%	0.67%	0.00%				< 3.00
IN	358	322	37	0.84%	0.93%	0.00%				< 2.00
KY	524	291	233	1.15%	1.03%	1.29%				< 1.00
LA	13	9	4	0.00%	0.00%	0.00%				< 0.50
MA	4	4	1	100.00%	100.00%	100.00%				0.60
MD	983	936	50	0.41%	0.21%	4.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,2,4-Trimethylbenzene.			< 0.50
MI										
MN	1,553	1,529	28	0.32%	0.33%	0.00%				< 0.50
MO	74	60	14	0.00%	0.00%	0.00%				< 50.00
MS	6	6	0	100.00%	100.00%	0.00%				26.50
MT										
NC	297	254	44	0.34%	0.39%	0.00%				< 0.50
NE	11	11	0	100.00%	100.00%	0.00%				41.70
NH	1	1	0	100.00%	100.00%	0.00%				10.00
NJ	785	774	11	0.38%	0.39%	0.00%				< 1.00
NM	590	555	35	0.00%	0.00%	0.00%				< 1.00
NV	8	7	2	12.50%	14.29%	0.00%				< 0.20
NY	346	247	117	0.29%	0.00%	0.85%				< 1.00
OH	2,654	2,492	166	0.75%	0.80%	0.00%				< 2.00
SD	335	306	29	0.90%	0.98%	0.00%				< 0.50
TN	303	156	147	2.97%	0.64%	5.44%				< 0.50
TX										
UT	411	391	34	1.22%	1.02%	2.94%				< 10.00
VI	3	0	3	0.00%	0.00%	0.00%				< 1.00
VT										
WA	992	937	77	0.30%	0.32%	0.00%				< 0.50
WV	57	26	31	0.00%	0.00%	0.00%				< 4.00
WY	145	116	38	3.45%	4.31%	0.00%				0.30
TOTAL	13,237	11,818	1,519	0.98%	0.93%	1.38%				< 2.00
24 STATES	12,755	11,462	1,372	0.83%	0.76%	1.38%				< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.59.b URCIS (Round 1) Data- 1,2,4-Trimethylbenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	667	1,753	1,485	268	1.48%	1.48%	1.49%	< 0.00	0.30	56.70	0.02	0.50
AL	131	353	246	107	3.68%	4.88%	0.93%	< 0.50	2.70	19.20	0.50	1.50
AR												
AZ	447	1,096	932	164	0.64%	0.32%	2.44%	< 0.05	< 2.00	10.00	0.05	10.00
CA	149	1,109	1,051	58	0.90%	0.95%	0.00%	< 0.00	< 0.50	51.00	0.50	5.35
CO	5	8	5	3	0.00%	0.00%	0.00%	< 0.13	< 0.66	< 0.66		
DC	1	43	0	43	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
DE	10	53	44	9	0.00%	0.00%	0.00%	< 0.10	< 0.30	< 0.30		
FL												
GA	1,162	2,462	1,865	597	0.08%	0.11%	0.00%	< 0.50	< 0.50	1.20	0.60	0.90
HI												
IA												
IL	212	725	484	241	0.14%	0.21%	0.00%	< 0.02	< 3.00	0.02	0.02	0.02
IN	358	1,889	1,487	402	0.26%	0.34%	0.00%	< 0.10	< 2.00	5.10	0.50	4.00
KY	524	2,076	1,119	957	0.48%	0.27%	0.73%	< 0.50	< 1.00	77.00	1.00	3.50
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	4	7	6	1	100.00%	100.00%	100.00%	0.07	0.60	0.60	0.07	0.14
MD	983	1,750	1,376	374	0.29%	0.15%	0.80%	< 0.10	< 0.50	1.00	0.10	0.30
MI												
MN	1,553	2,652	2,584	68	0.19%	0.19%	0.00%	< 0.20	< 0.50	2.20	0.50	0.60
MO	74	275	246	29	0.00%	0.00%	0.00%	< 0.20	< 50.00	< 50.00		
MS	6	9	9	0	100.00%	100.00%	0.00%	0.60	26.50	26.50	0.60	1.00
MT												
NC	297	644	569	75	0.16%	0.18%	0.00%	< 0.50	< 0.50	13.80	13.80	13.80
NE	11	15	15	0	100.00%	100.00%	0.00%	0.30	41.70	41.70	0.30	0.60
NH	1	2	2	0	100.00%	100.00%	0.00%	7.40	10.00	10.00	7.40	8.70
NJ	785	1,606	1,419	187	0.19%	0.21%	0.00%	< 0.00	< 1.00	1.00	0.04	0.04
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	0.68%	0.74%	0.00%	< 0.20	< 0.20	0.40	0.40	0.40
NY	346	1,988	1,489	499	0.05%	0.00%	0.20%	< 0.13	< 1.00	0.76	0.76	0.76
OH	2,654	15,949	15,033	916	0.14%	0.15%	0.00%	< 0.20	< 2.00	65.60	0.40	2.00
SD	335	444	363	81	0.90%	1.10%	0.00%	< 0.17	< 0.50	1.01	0.17	0.46
TN	303	1,220	433	787	0.74%	0.23%	1.02%	< 0.05	< 0.50	16.80	0.60	2.10
TX												
UT	411	1,234	1,129	105	0.89%	0.89%	0.95%	< 0.10	< 10.00	1.00	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT												
WA	992	3,987	3,656	331	0.15%	0.16%	0.00%	< 0.50	< 0.50	1.10	0.60	0.95
WV	57	169	63	106	0.00%	0.00%	0.00%	< 0.50	< 4.00	< 4.00		
WY	145	313	259	54	1.60%	1.93%	0.00%	< 0.00	0.30	5.70	0.20	0.80
TOTAL	13,237	45,606	38,998	6,608	0.40%	0.39%	0.45%	< 0.00	< 2.00	77.00	0.02	0.80
24 States	12,755	43,026	37,028	5,998	0.34%	0.32%	0.47%	< 0.00	< 2.00	77.00	0.02	1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.59.c URCIS (Round 1) Data- 1,2,4-Trimethylbenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,753	667	541	131	2.85%	2.96%	2.29%						
AL	353	131	93	42	6.87%	8.60%	2.38%						
AR													
AZ	1,096	447	406	47	0.89%	0.74%	2.13%						
CA	1,109	149	135	20	2.68%	2.96%	0.00%						
CO	8	5	3	3	0.00%	0.00%	0.00%						
DC	43	1	0	1	0.00%	0.00%	0.00%						
DE	53	10	8	2	0.00%	0.00%	0.00%						
FL													
GA	2,462	1,162	1,053	109	0.17%	0.19%	0.00%						
HI													
IA													
IL	725	212	149	63	0.47%	0.67%	0.00%						
IN	1,889	358	322	37	0.84%	0.93%	0.00%						
KY	2,076	524	291	233	1.15%	1.03%	1.29%						
LA	22	13	9	4	0.00%	0.00%	0.00%						
MA	7	4	4	1	100.00%	100.00%	100.00%						
MD	1,750	983	936	50	0.41%	0.21%	4.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,2,4-Trimethylbenzene.					
MI													
MN	2,652	1,553	1,529	28	0.32%	0.33%	0.00%						
MO	275	74	60	14	0.00%	0.00%	0.00%						
MS	9	6	6	0	100.00%	100.00%	0.00%						
MT													
NC	644	297	254	44	0.34%	0.39%	0.00%						
NE	15	11	11	0	100.00%	100.00%	0.00%						
NH	2	1	1	0	100.00%	100.00%	0.00%						
NJ	1,606	785	774	11	0.38%	0.39%	0.00%						
NM	1,595	590	555	35	0.00%	0.00%	0.00%						
NV	148	8	7	2	12.50%	14.29%	0.00%						
NY	1,988	346	247	117	0.29%	0.00%	0.85%						
OH	15,949	2,654	2,492	166	0.75%	0.80%	0.00%						
SD	444	335	306	29	0.90%	0.98%	0.00%						
TN	1,220	303	156	147	2.97%	0.64%	5.44%						
TX													
UT	1,234	411	391	34	1.22%	1.02%	2.94%						
VI	10	3	0	3	0.00%	0.00%	0.00%						
VT													
WA	3,987	992	937	77	0.30%	0.32%	0.00%						
WV	169	57	26	31	0.00%	0.00%	0.00%						
WY	313	145	116	38	3.45%	4.31%	0.00%						
TOTAL	45,606	13,237	11,818	1,519	0.98%	0.93%	1.38%						
24 States	43,026	12,755	11,462	1,372	0.83%	0.76%	1.38%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for labor

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.60.a URCIS (Round 1) Data- 1,3,5-Trimethylbenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	671	545	131	2.09%	2.02%	2.29%				0.20
AL	131	93	42	3.82%	5.38%	0.00%				0.94
AR										
AZ	451	409	48	0.89%	0.73%	0.00%				< 2.00
CA	143	128	21	2.10%	2.34%	9.52%				1.20
CO	7	3	5	28.57%	0.00%	0.00%				1.15
DC	1	0	1	0.00%	0.00%	0.00%				< 0.50
DE	10	8	2	0.00%	0.00%	0.00%				< 1.10
FL										
GA	1,163	1,054	109	0.26%	0.28%	0.00%				< 0.50
HI										
IA										
IL	213	149	64	0.47%	0.67%	0.00%				< 5.00
IN	357	321	37	0.56%	0.62%	0.00%				< 2.00
KY	524	291	233	0.95%	1.03%	0.00%				< 1.00
LA	13	9	4	0.00%	0.00%	0.00%				< 0.50
MA	4	4	0	100.00%	100.00%	0.00%				1.40
MD	983	936	50	0.20%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,3,5-Trimethylbenzene.			< 0.50
MI										
MN	1,553	1,529	28	0.13%	0.13%	0.00%				< 0.50
MO	74	60	14	0.00%	0.00%	7.14%				< 50.00
MS	7	7	0	100.00%	100.00%	0.00%				4.90
MT										
NC	297	254	44	0.67%	0.79%	0.00%				< 0.50
NE	3	3	0	100.00%	100.00%	0.00%				12.40
NH	1	1	0	100.00%	100.00%	0.00%				2.40
NJ	783	772	11	0.51%	0.52%	0.00%				< 1.00
NM	590	555	35	0.00%	0.00%	0.00%				< 1.00
NV	8	7	2	25.00%	28.57%	0.00%				0.20
NY	357	253	123	1.12%	0.79%	0.00%				< 1.00
OH	2,569	2,411	161	0.78%	0.83%	0.00%				< 2.00
SD	335	306	29	0.00%	0.00%	0.00%				< 0.50
TN	303	156	147	0.33%	0.00%	0.00%				< 0.50
TX										
UT	411	391	34	1.22%	1.02%	0.00%				0.10
VI	3	0	3	0.00%	0.00%	0.00%				< 1.00
VT										
WA	992	937	77	0.10%	0.11%	0.00%				< 0.50
WV	57	26	31	0.00%	0.00%	0.00%				< 4.00
WY	145	116	38	2.07%	2.59%	0.00%				< 1.00
TOTAL	13,159	11,734	1,524	0.76%	0.73%	0.92%				< 2.00
24 STATES	12,671	11,379	1,370	0.61%	0.59%	0.66%				< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.60.b URCIS (Round 1) Data- 1,3,5-Trimethylbenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	671	1,765	1,495	270	1.13%	1.14%	1.11%	< 0.00	0.20	64.90	0.10	0.55
AL	131	352	245	107	1.70%	2.45%	0.00%	< 0.50	0.94	2.50	0.60	1.27
AR												
AZ	451	1,107	942	165	0.63%	0.32%	0.00%	< 0.05	< 2.00	10.00	0.05	10.00
CA	143	1,052	993	59	1.43%	1.51%	3.39%	< 0.00	1.20	44.80	0.50	2.00
CO	7	10	5	5	20.00%	0.00%	0.00%	< 0.05	1.15	1.15	0.13	0.64
DC	1	43	0	43	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
DE	10	53	44	9	0.00%	0.00%	0.00%	< 0.30	< 1.10	< 1.10		
FL												
GA	1,163	2,463	1,865	598	0.16%	0.21%	0.00%	< 0.50	< 0.50	1.90	0.60	1.35
HI												
IA												
IL	213	729	485	244	0.55%	0.82%	0.00%	< 0.02	< 5.00	0.22	0.02	0.22
IN	357	1,889	1,486	403	0.21%	0.27%	0.00%	< 0.10	< 2.00	1.80	1.70	1.75
KY	524	2,075	1,119	956	0.29%	0.27%	0.00%	< 0.50	< 1.00	16.00	1.00	1.50
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	4	6	6	0	100.00%	100.00%	0.00%	0.07	1.40	1.40	0.07	0.18
MD	983	1,749	1,375	374	0.11%	0.00%	0.00%	< 0.20	< 0.50	0.40	0.30	0.35
MI												
MN	1,553	2,656	2,588	68	0.08%	0.08%	0.00%	< 0.20	< 0.50	0.90	0.30	0.60
MO	74	272	246	26	0.00%	0.00%	3.85%	< 0.20	< 50.00	< 50.00		
MS	7	7	7	0	100.00%	100.00%	0.00%	0.40	4.90	4.90	0.40	1.20
MT												
NC	297	644	569	75	0.31%	0.35%	0.00%	< 0.50	< 0.50	3.90	1.10	2.50
NE	3	5	5	0	100.00%	100.00%	0.00%	0.20	12.40	12.40	0.20	1.00
NH	1	2	2	0	100.00%	100.00%	0.00%	2.00	2.40	2.40	2.00	2.20
NJ	783	1,604	1,417	187	0.25%	0.28%	0.00%	< 0.00	< 1.00	2.00	0.01	0.51
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	8	148	136	12	1.35%	1.47%	0.00%	< 0.20	0.20	0.40	0.20	0.30
NY	357	2,085	1,559	526	0.29%	0.26%	0.00%	< 0.05	< 1.00	14.00	0.60	1.65
OH	2,569	14,896	14,136	760	0.15%	0.16%	0.00%	< 0.20	< 2.00	5.50	0.20	2.00
SD	335	444	363	81	0.00%	0.00%	0.00%	0.50	< 0.50	< 0.50		
TN	303	1,220	433	787	0.08%	0.00%	0.00%	< 0.00	< 0.50	2.80	2.80	2.80
TX												
UT	411	1,235	1,130	105	1.30%	1.33%	0.00%	< 0.10	0.10	1.00	0.10	0.15
VI	3	10	0	10	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT												
WA	992	3,987	3,656	331	0.03%	0.03%	0.00%	< 0.50	< 0.50	4.60	4.60	4.60
WV	57	169	63	106	0.00%	0.00%	0.00%	< 0.50	< 4.00	< 4.00		
WY	145	313	259	54	0.96%	1.16%	0.00%	< 0.20	< 1.00	2.40	0.30	0.60
TOTAL	13,159	44,607	38,122	6,485	0.34%	0.35%	0.28%	< 0.00	< 2.00	64.90	0.01	1.00
24 States	12,671	41,944	36,094	5,850	0.29%	0.29%	0.17%	< 0.00	< 2.00	64.90	0.01	1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.60.c URCIS (Round 1) Data- 1,3,5-Trimethylbenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,765	671	545	131	2.09%	2.02%	2.29%						
AL	352	131	93	42	3.82%	5.38%	0.00%						
AR													
AZ	1,107	451	409	48	0.89%	0.73%	0.00%						
CA	1,052	143	128	21	2.10%	2.34%	9.52%						
CO	10	7	3	5	28.57%	0.00%	0.00%						
DC	43	1	0	1	0.00%	0.00%	0.00%						
DE	53	10	8	2	0.00%	0.00%	0.00%						
FL													
GA	2,463	1,163	1,054	109	0.26%	0.28%	0.00%						
HI													
IA													
IL	729	213	149	64	0.47%	0.67%	0.00%						
IN	1,889	357	321	37	0.56%	0.62%	0.00%						
KY	2,075	524	291	233	0.95%	1.03%	0.00%						
LA	22	13	9	4	0.00%	0.00%	0.00%						
MA	6	4	4	0	100.00%	100.00%	0.00%						
MD	1,749	983	936	50	0.20%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,3,5-Trimethylbenzene.					
MI													
MN	2,656	1,553	1,529	28	0.13%	0.13%	0.00%						
MO	272	74	60	14	0.00%	0.00%	7.14%						
MS	7	7	7	0	100.00%	100.00%	0.00%						
MT													
NC	644	297	254	44	0.67%	0.79%	0.00%						
NE	5	3	3	0	100.00%	100.00%	0.00%						
NH	2	1	1	0	100.00%	100.00%	0.00%						
NJ	1,604	783	772	11	0.51%	0.52%	0.00%						
NM	1,595	590	555	35	0.00%	0.00%	0.00%						
NV	148	8	7	2	25.00%	28.57%	0.00%						
NY	2,085	357	253	123	1.12%	0.79%	0.00%						
OH	14,896	2,569	2,411	161	0.78%	0.83%	0.00%						
SD	444	335	306	29	0.00%	0.00%	0.00%						
TN	1,220	303	156	147	0.33%	0.00%	0.00%						
TX													
UT	1,235	411	391	34	1.22%	1.02%	0.00%						
VI	10	3	0	3	0.00%	0.00%	0.00%						
VT													
WA	3,987	992	937	77	0.10%	0.11%	0.00%						
WV	169	57	26	31	0.00%	0.00%	0.00%						
WY	313	145	116	38	2.07%	2.59%	0.00%						
TOTAL	44,607	13,159	11,734	1,524	0.76%	0.73%	0.92%						
24 States	41,944	12,671	11,379	1,370	0.61%	0.59%	0.66%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for labor

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.61.a URCIS (Round 1) Data- Vinyl Chloride Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	665	537	134	0.75%	0.93%	0.00%	0.30%	0.37%	0.00%	< 0.00
AL	131	93	42	1.53%	2.15%	0.00%	0.76%	1.08%	0.00%	< 0.50
AR										
AZ	971	895	119	0.93%	0.89%	1.68%	0.00%	0.00%	0.00%	< 3.00
CA	3,485	3,456	40	0.26%	0.26%	0.00%	0.20%	0.20%	0.00%	< 1.00
CO	11	9	3	18.18%	22.22%	0.00%	18.18%	22.22%	0.00%	4.00
DC	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
DE	13	11	2	7.69%	9.09%	0.00%	7.69%	9.09%	0.00%	< 0.50
FL										
GA	1,162	1,053	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
HI	19	15	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
IA										
IL										
IN	393	349	45	4.33%	2.87%	15.56%	3.31%	2.01%	13.33%	2.73
KY	525	291	234	0.95%	0.00%	2.14%	0.76%	0.00%	1.71%	< 1.00
LA	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	3	3	0	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.17
MD	844	798	51	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MI	3	2	1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	46.00
MN	1,553	1,529	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
MO	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.90
MT										
NC	297	254	44	1.01%	1.18%	0.00%	0.67%	0.79%	0.00%	1.69
NE										
NH										
NJ	1,242	1,239	3	0.48%	0.48%	0.00%	0.32%	0.32%	0.00%	< 1.80
NM	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NV	10	8	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NY	355	252	122	0.85%	0.79%	0.82%	0.28%	0.40%	0.00%	< 2.00
OH	1,684	1,554	134	0.71%	0.77%	0.00%	0.42%	0.45%	0.00%	< 1.00
SD										
TN										
TX	1	1	0	1	1	0	0	0	0	1.00
UT	418	396	36	1.67%	1.52%	2.78%	0.24%	0.25%	0.00%	< 5.00
VI	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
VT										
WA	992	937	77	0.10%	0.11%	0.00%	0.10%	0.11%	0.00%	< 0.50
WV	69	32	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
WY	144	116	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
TOTAL	15,684	14,467	1,363	0.57%	0.50%	1.25%	0.31%	0.26%	0.81%	< 2.00
24 STATES	15,184	14,099	1,209	0.50%	0.44%	1.24%	0.28%	0.23%	0.83%	< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly

The Maximum Contaminant Level (MCL) for Vinyl Chloride is 2 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.61.b URCIS (Round 1) Data- Vinyl Chloride Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	665	1,720	1,427	293	0.35%	0.42%	0.00%	< 0.00	< 0.00	3.00	0.50	1.90
AL	131	351	244	107	0.57%	0.82%	0.00%	< 0.50	< 0.50	2.00	0.70	1.35
AR												
AZ	971	3,061	2,345	716	0.56%	0.64%	0.28%	< 0.05	< 3.00	1.00	0.50	1.00
CA	3,485	10,954	10,846	108	0.16%	0.17%	0.00%	< 0.00	< 1.00	44.00	0.07	8.65
CO	11	38	35	3	5.26%	5.71%	0.00%	< 0.04	4.00	4.00	1.30	2.65
DC	1	75	0	75	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
DE	13	333	189	144	0.30%	0.53%	0.00%	< 0.10	< 0.50	7.30	7.30	7.30
FL												
GA	1,162	2,464	1,865	599	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
HI	19	60	33	27	0.00%	0.00%	0.00%	< 0.30	< 0.30	< 0.30		
IA												
IL												
IN	393	2,355	1,799	556	4.16%	3.28%	7.01%	< 0.06	2.73	19.00	0.13	1.55
KY	525	2,899	1,329	1,570	0.17%	0.00%	0.32%	< 0.10	< 1.00	18.00	1.00	7.00
LA	13	22	18	4	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	3	5	5	0	20.00%	20.00%	0.00%	< 0.00	0.17	0.17	0.17	0.17
MD	844	1,786	1,306	480	0.00%	0.00%	0.00%	< 0.10	< 0.50	< 1.00		
MI	3	23	12	11	100.00%	100.00%	100.00%	1.00	46.00	46.00	1.00	10.00
MN	1,553	2,656	2,588	68	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 10.00		
MO	85	320	294	26	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
MS	2	2	2	0	100.00%	100.00%	0.00%	0.80	0.90	0.90	0.80	0.85
MT												
NC	297	644	569	75	1.55%	1.76%	0.00%	< 0.50	1.69	5.50	0.74	2.28
NE												
NH												
NJ	1,242	1,775	1,766	9	0.79%	0.79%	0.00%	< 0.00	< 1.80	82.70	0.35	1.47
NM	590	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NV	10	191	155	36	0.00%	0.00%	0.00%	< 0.10	< 1.00	< 1.00		
NY	355	2,160	1,616	544	0.65%	0.80%	0.18%	< 0.17	< 2.00	15.00	0.60	1.00
OH	1,684	6,363	5,748	615	0.28%	0.31%	0.00%	< 0.20	< 1.00	41.80	0.53	1.65
SD												
TN												
TX	1	1	1	0	100.00%	100.00%	0.00%	1.00	1.00	1.00	1.00	1.00
UT	418	1,288	1,173	115	0.78%	0.77%	0.87%	< 0.10	< 5.00	7.00	0.10	0.10
VI	3	10	0	10	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
VT												
WA	992	3,987	3,656	331	0.03%	0.03%	0.00%	< 0.50	< 0.50	2.80	2.80	2.80
WV	69	195	89	106	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
WY	144	310	259	51	0.00%	0.00%	0.00%	< 0.40	< 1.00	< 1.00		
TOTAL	15,684	47,643	40,844	6,799	0.51%	0.45%	0.87%	< 0.00	< 2.00	82.70	0.07	1.56
24 States	15,184	44,463	38,517	5,946	0.45%	0.39%	0.79%	< 0.00	< 2.00	82.70	0.07	1.55

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.61.c URCIS (Round 1) Data- Vinyl Chloride Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	1,720	665	537	134	0.75%	0.93%	0.00%	0.30%	0.37%	0.00%	0.30%	0.37%	0.00%
AL	351	131	93	42	1.53%	2.15%	0.00%	0.76%	1.08%	0.00%	0.00%	0.00%	0.00%
AR													
AZ	3,061	971	895	119	0.93%	0.89%	1.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	10,954	3,485	3,456	40	0.26%	0.26%	0.00%	0.20%	0.20%	0.00%	0.20%	0.20%	0.00%
CO	38	11	9	3	18.18%	22.22%	0.00%	18.18%	22.22%	0.00%	9.09%	11.11%	0.00%
DC	75	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE	333	13	11	2	7.69%	9.09%	0.00%	7.69%	9.09%	0.00%	7.69%	9.09%	0.00%
FL													
GA	2,464	1,162	1,053	109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HI	60	19	15	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IA													
IL													
IN	2,355	393	349	45	4.33%	2.87%	15.56%	3.31%	2.01%	13.33%	1.78%	1.15%	6.67%
KY	2,899	525	291	234	0.95%	0.00%	2.14%	0.76%	0.00%	1.71%	0.76%	0.00%	1.71%
LA	22	13	9	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	5	3	3	0	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,786	844	798	51	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	23	3	2	1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	66.67%	50.00%	100.00%
MN	2,656	1,553	1,529	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	320	85	71	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	2	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MT													
NC	644	297	254	44	1.01%	1.18%	0.00%	0.67%	0.79%	0.00%	0.67%	0.79%	0.00%
NE													
NH													
NJ	1,775	1,242	1,239	3	0.48%	0.48%	0.00%	0.32%	0.32%	0.00%	0.24%	0.24%	0.00%
NM	1,595	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NV	191	10	8	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NY	2,160	355	252	122	0.85%	0.79%	0.82%	0.28%	0.40%	0.00%	0.28%	0.40%	0.00%
OH	6,363	1,684	1,554	134	0.71%	0.77%	0.00%	0.42%	0.45%	0.00%	0.24%	0.26%	0.00%
SD													
TN													
TX	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
UT	1,288	418	396	36	1.67%	1.52%	2.78%	0.24%	0.25%	0.00%	0.24%	0.25%	0.00%
VI	10	3	0	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT													
WA	3,987	992	937	77	0.10%	0.11%	0.00%	0.10%	0.11%	0.00%	0.10%	0.11%	0.00%
WV	195	69	32	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY	310	144	116	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	47,643	15,684	14,467	1,363	0.57%	0.50%	1.25%	0.31%	0.26%	0.81%	0.23%	0.19%	0.59%
24 States	44,463	15,184	14,099	1,209	0.50%	0.44%	1.24%	0.28%	0.23%	0.83%	0.20%	0.17%	0.58%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the

The Maximum Contaminant Level (MCL) for Vinyl Chloride is 2 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.62.a URCIS (Round 1) Data- Xylenes (Total) Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
AK	725	587	144	7.03%	5.96%	12.50%	0.00%	0.00%	0.00%	4.40
AL	4	2	2	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	115.90
AR										
AZ										
CA	3,485	3,459	38	1.38%	1.19%	18.42%	0.00%	0.00%	0.00%	< 10.00
CO	2	1	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	2.80
DC										
DE										
FL	220	43	187	15.91%	20.93%	14.44%	0.00%	0.00%	0.00%	24.60
GA										
HI										
IA	991	952	39	6.26%	5.99%	12.82%	0.00%	0.00%	0.00%	2.80
IL										
IN	28	25	3	3.57%	4.00%	33.33%	0.00%	0.00%	0.00%	0.21
KY										
LA										
MA	3	2	1	100.00%	100.00%	400.00%	0.00%	0.00%	0.00%	120.00
MD	844	798	51	1.54%	1.13%	9.80%	0.00%	0.00%	0.00%	0.10
MI	26	21	5	100.00%	100.00%	20.00%	0.00%	0.00%	0.00%	1210.00
MN										
MO										
MS										
MT										
NC	298	255	44	4.36%	4.71%	2.27%	0.00%	0.00%	0.00%	3.10
NE										
NH	8	7	1	100.00%	100.00%	400.00%	0.00%	0.00%	0.00%	15.00
NJ										
NM										
NV										
NY	7	4	3	14.29%	25.00%	0.00%	0.00%	0.00%	0.00%	5.40
OH	2,450	2,323	127	2.37%	2.32%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD										
TN										
TX	30	25	5	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	130.00
UT	413	393	34	0.48%	0.25%	0.00%	0.00%	0.00%	0.00%	< 7.50
VI										
VT										
WA										
WV	5	4	1	20.00%	25.00%	0.00%	0.00%	0.00%	0.00%	2.00
WY										
TOTAL	9,539	8,901	686	3.75%	3.13%	11.95%	0.00%	0.00%	0.00%	1.20
24 STATES	9,463	8,841	670	3.04%	2.51%	10.75%	0.00%	0.00%	0.00%	0.63

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Xylenes (Total) is 10,000 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.62.b URCIS (Round 1) Data- Xylenes (Total) Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK	725	2,008	1,694	314	4.03%	3.48%	7.01%	< 0.00	4.40	1,340.00	0.10	1.20
AL	4	5	3	2	100.00%	100.00%	100.00%	0.60	115.90	115.90	0.60	1.63
AR												
AZ												
CA	3,485	10,397	10,294	103	0.67%	0.61%	6.80%	< 0.00	< 10.00	573.00	0.30	2.30
CO	2	2	1	1	100.00%	100.00%	100.00%	1.40	2.80	2.80	1.40	2.10
DC												
DE												
FL	220	291	62	229	13.75%	16.13%	13.10%	< 0.00	24.60	130.00	0.01	2.87
GA												
HI												
IA	991	1,899	1,703	196	3.84%	3.99%	2.55%	< 0.20	2.80	23.00	0.20	1.00
IL												
IN	28	94	76	18	2.13%	2.63%	11.11%	< 0.21	0.21	0.21	0.21	0.21
KY												
LA												
MA	3	4	2	2	100.00%	100.00%	400.00%	12.00	120.00	120.00	12.00	43.00
MD	844	1,786	1,306	480	1.06%	0.84%	2.08%	< 0.02	0.10	5.00	0.10	0.70
MI	26	45	35	10	100.00%	100.00%	10.00%	1.00	1,210.00	1,210.00	1.00	6.00
MN												
MO												
MS												
MT												
NC	298	645	570	75	2.48%	2.63%	1.33%	< 0.50	3.10	107.60	0.54	2.25
NE												
NH	8	9	8	1	100.00%	100.00%	500.00%	0.73	15.00	15.00	0.73	5.90
NJ												
NM												
NV												
NY	7	16	9	7	18.75%	33.33%	85.71%	< 0.50	5.40	5.40	4.20	4.80
OH	2,450	12,857	12,451	406	0.61%	0.59%	0.25%	< 0.20	< 0.50	290.00	0.50	2.25
SD												
TN												
TX	30	37	31	6	100.00%	100.00%	0.00%	1.80	130.00	130.00	1.80	3.60
UT	413	1,255	1,144	111	0.16%	0.09%	0.00%	< 0.20	< 7.50	8.30	3.00	5.65
VI												
VT												
WA												
WV	5	9	8	1	11.11%	12.50%	0.00%	< 0.50	2.00	2.00	2.00	2.00
WY												
TOTAL	9,539	31,359	29,397	1,962	1.55%	1.31%	5.15%	< 0.00	1.20	1,340.00	0.01	2.20
24 States	9,463	31,246	29,311	1,935	1.24%	1.04%	4.13%	< 0.00	0.63	1,340.00	0.01	1.60

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (f

The highlighted States are part of the URCIS 24 State Cross-Section.

Table A.62.c URCIS (Round 1) Data- Xylenes (Total) Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
AK	2,008	725	587	144	7.03%	5.96%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	5	4	2	2	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR													
AZ													
CA	10,397	3,485	3,459	38	1.38%	1.19%	18.42%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	2	2	1	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DC													
DE													
FL	291	220	43	187	15.91%	20.93%	14.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GA													
HI													
IA	1,899	991	952	39	6.26%	5.99%	12.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IL													
IN	94	28	25	3	3.57%	4.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY													
LA													
MA	4	3	2	1	100.00%	100.00%	400.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,786	844	798	51	1.54%	1.13%	9.80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	45	26	21	5	100.00%	100.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN													
MO													
MS													
MT													
NC	645	298	255	44	4.36%	4.71%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NE													
NH	9	8	7	1	100.00%	100.00%	400.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ													
NM													
NV													
NY	16	7	4	3	14.29%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	12,857	2,450	2,323	127	2.37%	2.32%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN													
TX	37	30	25	5	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
UT	1,255	413	393	34	0.48%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VI													
VT													
WA													
WV	9	5	4	1	20.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WY													
TOTAL	31,359	9,539	8,901	686	3.75%	3.13%	11.95%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24 States	31,246	9,463	8,841	670	3.04%	2.51%	10.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (fo
"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the

The Maximum Contaminant Level (MCL) for Xylenes (Total) is 10,000 µg/L.

The highlighted States are part of the URCIS 24 State Cross-Section.

Appendix B. SDWIS/FED (Round 2) Data Summary

Table B.1.a SDWIS/FED (Round 2) Data- Sulfate Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	7	7	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	190000.00
AK										
AL	238	181	57	90.34%	92.27%	84.21%	0.00%	0.00%	0.00%	75000.00
AR	481	380	101	88.57%	85.79%	99.01%	0.00%	0.00%	0.00%	68600.00
AZ										
CA										
CO										
CT	83	42	41	96.39%	95.24%	97.56%	1.20%	2.38%	0.00%	94000.00
IN										
KY	46	22	24	100.00%	100.00%	100.00%	2.17%	0.00%	4.17%	220000.00
LA										
MA	69	54	15	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	65900.00
MD	592	538	54	93.41%	92.75%	100.00%	0.00%	0.00%	0.00%	140000.00
ME										
MI	3,058	2,952	106	94.05%	93.94%	97.17%	1.54%	1.59%	0.00%	509000.00
MN	1,401	1,371	30	84.94%	84.68%	96.67%	3.57%	3.65%	0.00%	770000.00
MO	1,244	1,141	103	91.96%	91.24%	100.00%	0.16%	0.09%	0.97%	205000.00
MS	1,121	1,116	5	78.77%	78.94%	40.00%	0.09%	0.09%	0.00%	55700.00
NC	511	498	13	4.50%	4.62%	0.00%	1.57%	1.61%	0.00%	709000.00
ND										
NH	645	616	29	99.22%	99.19%	100.00%	0.00%	0.00%	0.00%	69000.00
NJ										
NM	268	256	12	94.40%	94.53%	91.67%	4.10%	4.30%	0.00%	858000.00
OH	2,100	1,931	169	94.81%	94.41%	99.41%	5.24%	5.54%	1.78%	20000.00
OK	848	605	243	69.22%	71.07%	64.61%	1.42%	1.16%	2.06%	386000.00
OR										
PA	927	668	259	95.25%	94.91%	96.14%	0.43%	0.30%	0.77%	203000.00
RI										
SC	569	537	32	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00
SD										
TN	75	29	46	92.00%	89.66%	93.48%	0.00%	0.00%	0.00%	86000.00
TX	4,479	3,943	536	93.44%	92.77%	98.32%	1.21%	1.09%	2.05%	486000.00
VT	64	44	20	92.19%	95.45%	85.00%	0.00%	0.00%	0.00%	35900.00
WA	753	702	51	73.17%	72.51%	82.35%	0.00%	0.00%	0.00%	13000.00
WI										
TOTAL	19,579	17,633	1,946	85.45%	84.89%	90.49%	1.54%	1.58%	1.18%	510000.00
20 STATES	16,495	15,009	1,486	88.11%	87.76%	91.66%	1.79%	1.83%	1.41%	560000.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Sulfate is 500,000 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.1.b SDWIS/FED (Round 2) Data- Sulfate Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	7	7	7	0	100.00%	100.00%	0.00%	10800.00	190000.00	190000.00	10800.00	39700.00
AK												
AL	238	396	268	128	88.89%	89.93%	86.72%	< 0.00	75000.00	330400.00	282.00	8595.00
AR	481	992	663	329	86.59%	81.00%	97.87%	< 0.00	68600.00	161900.00	1200.00	9300.00
AZ												
CA												
CO												
CT	83	818	252	566	92.79%	98.41%	90.28%	< 0.00	94000.00	1130000.00	1.00	14000.00
IN												
KY	46	223	113	110	87.44%	80.53%	94.55%	< 22.00	220000.00	1100000.00	51.00	13100.00
LA												
MA	69	120	81	39	100.00%	100.00%	100.00%	1.00	65900.00	240000.00	1.00	16150.00
MD	592	790	658	132	92.66%	92.55%	93.18%	< 200.00	140000.00	340000.00	2000.00	10000.00
ME												
MI	3,058	17,165	16,310	855	90.01%	89.91%	91.81%	< 0.00	509000.00	995000.00	3000.00	31000.00
MN	1,401	2,430	2,383	47	82.55%	82.29%	95.74%	< 0.00	770000.00	1500000.00	5000.00	27000.00
MO	1,244	2,391	2,052	339	90.84%	89.52%	98.82%	< 5000.00	205000.00	583000.00	5010.00	20100.00
MS	1,121	3,139	3,108	31	62.15%	62.48%	29.03%	< 2.80	55700.00	5074000.00	2.80	8200.00
NC	511	581	564	17	4.82%	4.96%	0.00%	< 0.00	709000.00	929000.00	1000.00	150000.00
ND												
NH	645	685	644	41	99.12%	99.07%	100.00%	< 1000.00	69000.00	355000.00	1000.00	12000.00
NJ												
NM	268	558	536	22	93.37%	93.66%	86.36%	< 2000.00	858000.00	2437000.00	2000.00	47000.00
OH	2,100	3,154	2,820	334	95.12%	94.68%	98.80%	< 100.00	20000.00	5454000.00	335.00	64000.00
OK	848	1,786	1,328	458	61.48%	64.31%	53.28%	< 0.00	386000.00	2176000.00	12300.00	49850.00
OR												
PA	927	1,583	1,055	528	95.20%	94.31%	96.97%	< 0.00	203000.00	836000.00	10.00	21000.00
RI												
SC	569	1,189	1,080	109	0.00%	0.00%	0.00%	< 0.00	< 5.00	< 5.00		
SD												
TN	75	253	57	196	77.47%	77.19%	77.55%	< 0.00	86000.00	170000.00	1000.00	19000.00
TX	4,479	7,642	5,800	1,842	92.41%	90.97%	96.96%	< 1000.00	486000.00	2040000.00	1000.00	34000.00
VT	64	118	75	43	77.12%	78.67%	74.42%	< 100.00	35900.00	74600.00	2360.00	9700.00
WA	753	1,967	1,696	271	65.84%	67.92%	52.77%	< 0.00	13000.00	98600.00	100.00	1500.00
WI												
TOTAL	19,579	47,987	41,550	6,437	83.52%	82.88%	87.67%	< 0.00	510000.00	5454000.00	1.00	26000.00
20 STATES	16,495	40,484	35,648	4,836	86.99%	86.68%	89.25%	< 0.00	560000.00	5454000.00	1.00	30000.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.1.c SDWIS/FED (Round 2) Data- Sulfate Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	7	7	7	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK													
AL	396	238	181	57	90.34%	92.27%	84.21%	0.42%	0.00%	1.75%	0.00%	0.00%	0.00%
AR	992	481	380	101	88.57%	85.79%	99.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ													
CA													
CO													
CT	818	83	42	41	96.39%	95.24%	97.56%	1.20%	2.38%	0.00%	1.20%	2.38%	0.00%
IN													
KY	223	46	22	24	100.00%	100.00%	100.00%	4.35%	4.55%	4.17%	2.17%	0.00%	4.17%
LA													
MA	120	69	54	15	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	790	592	538	54	93.41%	92.75%	100.00%	0.51%	0.19%	3.70%	0.00%	0.00%	0.00%
ME													
MI	17,165	3,058	2,952	106	94.05%	93.94%	97.17%	3.37%	3.39%	2.83%	1.54%	1.59%	0.00%
MN	2,430	1,401	1,371	30	84.94%	84.68%	96.67%	7.57%	7.73%	0.00%	3.57%	3.65%	0.00%
MO	2,391	1,244	1,141	103	91.96%	91.24%	100.00%	0.88%	0.88%	0.97%	0.16%	0.09%	0.97%
MS	3,139	1,121	1,116	5	78.77%	78.94%	40.00%	0.09%	0.09%	0.00%	0.09%	0.09%	0.00%
NC	581	511	498	13	4.50%	4.62%	0.00%	2.15%	2.21%	0.00%	1.57%	1.61%	0.00%
ND													
NH	685	645	616	29	99.22%	99.19%	100.00%	0.31%	0.32%	0.00%	0.00%	0.00%	0.00%
NJ													
NM	558	268	256	12	94.40%	94.53%	91.67%	10.45%	9.77%	25.00%	4.10%	4.30%	0.00%
OH	3,154	2,100	1,931	169	94.81%	94.41%	99.41%	11.05%	11.34%	7.69%	5.24%	5.54%	1.78%
OK	1,786	848	605	243	69.22%	71.07%	64.61%	5.19%	5.12%	5.35%	1.42%	1.16%	2.06%
OR													
PA	1,583	927	668	259	95.25%	94.91%	96.14%	0.86%	0.45%	1.93%	0.43%	0.30%	0.77%
RI													
SC	1,189	569	537	32	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	253	75	29	46	92.00%	89.66%	93.48%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	7,642	4,479	3,943	536	93.44%	92.77%	98.32%	6.18%	4.72%	16.98%	1.21%	1.09%	2.05%
VT	118	64	44	20	92.19%	95.45%	85.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	1,967	753	702	51	73.17%	72.51%	82.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI													
TOTAL	47,987	19,579	17,633	1,946	85.45%	84.89%	90.49%	4.24%	3.95%	6.83%	1.54%	1.58%	1.18%
20 STATES	40,484	16,495	15,009	1,486	88.11%	87.76%	91.66%	4.97%	4.61%	8.55%	1.79%	1.83%	1.41%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Sulfate is 500,000 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.2.a SDWIS/FED (Round 2) Data- Aldicarb Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	24	23	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
AK	32	24	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL										
AR	527	431	96	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AZ										
CA										
CO	749	538	211	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
CT	75	38	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN										
KY	38	19	19	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
LA	1,363	1,295	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.35
MA	48	26	22	18.75%	19.23%	18.18%	0.00%	0.00%	0.00%	4.40
MD										
ME										
MI	2,633	2,553	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,270	1,240	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MO	374	276	98	0.27%	0.00%	1.02%	0.00%	0.00%	0.00%	< 1.50
MS	12	11	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NC	499	470	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
ND	5	4	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NH	591	558	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NJ										
NM	713	684	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.20
OH	1,012	864	148	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
OK	128	100	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	1,153	1,000	153	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA	490	342	148	5.92%	0.88%	17.57%	1.22%	0.29%	3.38%	3.00
RI										
SC	952	852	100	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
SD										
TN	14	3	11	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	1,916	1,467	449	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 3.00
VT	430	377	53	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
WA	332	281	51	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.10
WI										
TOTAL	15,380	13,476	1,904	0.25%	0.06%	1.63%	0.04%	0.01%	0.26%	< 3.00
20 STATES	12,020	10,535	1,485	0.08%	0.05%	0.34%	0.00%	0.00%	0.00%	< 3.00
19 STATES[1]	11,972	10,509	1,463	0.01%	0.00%	0.07%	0.00%	0.00%	0.00%	< 3.00

1. Massachusetts data not included in "19 States" summary statistics for Aldicarb.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Aldicarb is 7 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.2.b SDWIS/FED (Round 2) Data- Aldicarb Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	24	33	32	1	0.00%	0.00%	0.00%	< 0.50	< 5.00	< 5.00		
AK	32	68	55	13	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL												
AR	527	1,762	1,494	268	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AZ												
CA												
CO	749	2,214	1,360	854	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
CT	75	330	128	202	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN												
KY	38	191	77	114	0.00%	0.00%	0.00%	< 0.30	< 2.00	< 2.00		
LA	1,363	3,333	3,152	181	0.00%	0.00%	0.00%	< 0.35	< 0.35	< 0.35		
MA	48	143	61	82	16.08%	19.67%	13.41%	< 0.20	4.40	4.40	4.40	4.40
MD												
ME												
MI	2,633	4,006	3,715	291	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,270	5,910	5,678	232	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MO	374	1,039	404	635	0.10%	0.00%	0.16%	< 1.50	< 1.50	1.50	1.50	1.50
MS	12	29	25	4	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NC	499	738	698	40	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
ND	5	5	4	1	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
NH	591	612	577	35	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ												
NM	713	4,138	3,955	183	0.00%	0.00%	0.00%	< 0.00	< 1.20	< 11.00		
OH	1,012	1,269	1,043	226	0.00%	0.00%	0.00%	< 0.05	< 1.00	< 1.50		
OK	128	165	133	32	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	1,153	2,673	2,096	577	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA	490	1,937	1,196	741	2.68%	0.25%	6.61%	< 0.00	3.00	1000.00	0.50	2.00
RI												
SC	952	5,712	4,662	1,050	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
SD												
TN	14	56	17	39	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	1,916	4,879	2,597	2,282	0.00%	0.00%	0.00%	< 3.00	< 3.00	< 3.00		
VT	430	734	575	159	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 1.00		
WA	332	752	595	157	0.00%	0.00%	0.00%	< 0.00	< 0.10	< 0.30		
WI												
TOTAL	15,380	42,728	34,329	8,399	0.18%	0.04%	0.73%	< 0.00	< 3.00	1000.00	0.50	3.00
20 STATES	12,020	30,564	24,542	6,022	0.08%	0.05%	0.20%	< 0.00	< 3.00	4.40	1.50	4.40
19 STATES[1]	11,972	30,421	24,481	5,940	0.00%	0.00%	0.02%	< 0.00	< 3.00	1.50	1.50	1.50

1. Massachusetts data not included in "19 States" summary statistics for Aldicarb.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.2.c SDWIS/FED (Round 2) Data- Aldicarb Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	33	24	23	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	68	32	24	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL													
AR	1,762	527	431	96	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ													
CA													
CO	2,214	749	538	211	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	330	75	38	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN													
KY	191	38	19	19	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	3,333	1,363	1,295	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	143	48	26	22	18.75%	19.23%	18.18%	18.75%	19.23%	18.18%	0.00%	0.00%	0.00%
MD													
ME													
MI	4,006	2,633	2,553	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	5,910	1,270	1,240	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	1,039	374	276	98	0.27%	0.00%	1.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	29	12	11	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	738	499	470	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	5	5	4	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	612	591	558	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ													
NM	4,138	713	684	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	1,269	1,012	864	148	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	165	128	100	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,673	1,153	1,000	153	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA	1,937	490	342	148	5.92%	0.88%	17.57%	1.43%	0.29%	4.05%	1.22%	0.29%	3.38%
RI													
SC	5,712	952	852	100	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	56	14	3	11	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	4,879	1,916	1,467	449	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	734	430	377	53	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	752	332	281	51	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI													
TOTAL	42,728	15,380	13,476	1,904	0.25%	0.06%	1.63%	0.10%	0.04%	0.53%	0.04%	0.01%	0.26%
20 STATES	30,564	12,020	10,535	1,485	0.08%	0.05%	0.34%	0.07%	0.05%	0.27%	0.00%	0.00%	0.00%
19 STATES[1]	30,421	11,972	10,509	1,463	0.01%	0.00%	0.07%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

1. Massachusetts data not included in "19 States" summary statistics for Aldicarb.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Aldicarb is 7 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.3.a SDWIS/FED (Round 2) Data- Aldicarb Sulfone Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	25	24	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
AK	33	25	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AR	527	431	96	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AZ										
CA										
CO	749	538	211	0.13%	0.19%	0.00%	0.00%	0.00%	0.00%	< 0.00
CT	74	38	36	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN										
KY	36	18	18	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
LA	1,363	1,295	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.13
MA	42	22	20	21.43%	22.73%	20.00%	0.00%	0.00%	0.00%	0.30
MD										
ME										
MI	2,633	2,553	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,270	1,240	30	0.16%	0.16%	0.00%	0.00%	0.00%	0.00%	< 0.00
MO	374	276	98	1.60%	0.00%	6.12%	0.00%	0.00%	0.00%	< 1.00
MS	11	10	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NC	493	468	25	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
ND	5	4	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NH	591	558	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NJ										
NM	716	687	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
OH	1,012	866	146	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
OK	128	100	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	1,153	1,000	153	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA	581	382	199	9.12%	3.14%	20.60%	0.34%	0.52%	0.00%	2.00
RI										
SC	952	852	100	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
SD										
TN	13	3	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	1,915	1,466	449	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
VT	433	379	54	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.40
WA	333	282	51	0.30%	0.35%	0.00%	0.00%	0.00%	0.00%	< 0.00
WI										
TOTAL	15,463	13,517	1,946	0.47%	0.16%	2.62%	0.01%	0.01%	0.00%	< 2.00
20 STATES	12,010	10,534	1,476	0.16%	0.09%	0.68%	0.00%	0.00%	0.00%	< 2.00
19 STATES[1]	11,968	10,512	1,456	0.08%	0.04%	0.41%	0.00%	0.00%	0.00%	< 2.00

1. Massachusetts data not included in "19 States" summary statistics for Aldicarb Sulfone.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Aldicarb Sulfone is 7 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.3.b SDWIS/FED (Round 2) Data- Aldicarb Sulfone Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	25	34	33	1	0.00%	0.00%	0.00%	< 0.40	< 5.00	< 5.00		
AK	33	69	56	13	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL	1	1	0	1	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AR	527	1,762	1,494	268	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AZ												
CA												
CO	749	2,220	1,362	858	0.05%	0.07%	0.00%	< 0.00	< 0.00	0.40	0.40	0.40
CT	74	330	129	201	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN												
KY	36	149	70	79	0.00%	0.00%	0.00%	< 0.25	< 2.00	< 2.00		
LA	1,363	3,333	3,152	181	0.00%	0.00%	0.00%	< 0.13	< 0.13	< 0.13		
MA	42	139	56	83	17.27%	23.21%	13.25%	< 0.20	0.30	0.30	0.30	0.30
MD												
ME												
MI	2,633	4,006	3,715	291	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,270	5,910	5,678	232	0.03%	0.04%	0.00%	< 0.00	< 0.00	0.74	0.70	0.72
MO	374	1,039	404	635	0.58%	0.00%	0.94%	< 0.51	< 1.00	1.14	0.51	0.76
MS	11	26	23	3	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NC	493	728	692	36	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
ND	5	5	4	1	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
NH	591	612	577	35	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ												
NM	716	4,138	3,955	183	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 11.00		
OH	1,012	1,263	1,040	223	0.00%	0.00%	0.00%	< 0.10	< 1.00	< 1.00		
OK	128	165	133	32	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	1,153	2,672	2,096	576	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA	581	2,666	1,405	1,261	4.20%	1.07%	7.69%	< 0.00	2.00	1100.00	0.40	0.50
RI												
SC	952	5,715	4,665	1,050	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
SD												
TN	13	54	17	37	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	1,915	4,868	2,588	2,280	0.00%	0.00%	0.00%	< 2.00	< 2.00	< 2.00		
VT	433	742	577	165	0.00%	0.00%	0.00%	< 0.00	< 0.40	< 0.80		
WA	333	753	596	157	0.13%	0.17%	0.00%	< 0.00	< 0.00	0.10	0.10	0.10
WI												
TOTAL	15,463	43,399	34,517	8,882	0.34%	0.09%	1.28%	< 0.00	< 2.00	1100.00	0.10	0.50
20 STATES	12,010	30,498	24,516	5,982	0.11%	0.07%	0.28%	< 0.00	< 2.00	1.14	0.10	0.30
19 STATES[1]	11,968	30,359	24,460	5,899	0.03%	0.02%	0.10%	< 0.00	< 2.00	1.14	0.10	0.68

1. Massachusetts data not included in "19 States" summary statistics for Aldicarb Sulfone.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.3.c SDWIS/FED (Round 2) Data- Aldicarb Sulfone Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	34	25	24	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	69	33	25	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	1	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR	1,762	527	431	96	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ													
CA													
CO	2,220	749	538	211	0.13%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	330	74	38	36	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN													
KY	149	36	18	18	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	3,333	1,363	1,295	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	139	42	22	20	21.43%	22.73%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD													
ME													
MI	4,006	2,633	2,553	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	5,910	1,270	1,240	30	0.16%	0.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	1,039	374	276	98	1.60%	0.00%	6.12%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	26	11	10	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	728	493	468	25	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	5	5	4	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	612	591	558	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ													
NM	4,138	716	687	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	1,263	1,012	866	146	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	165	128	100	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,672	1,153	1,000	153	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA	2,666	581	382	199	9.12%	3.14%	20.60%	0.69%	0.52%	1.01%	0.34%	0.52%	0.00%
RI													
SC	5,715	952	852	100	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	54	13	3	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	4,868	1,915	1,466	449	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	742	433	379	54	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	753	333	282	51	0.30%	0.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI													
TOTAL	43,399	15,463	13,517	1,946	0.47%	0.16%	2.62%	0.03%	0.01%	0.10%	0.01%	0.01%	0.00%
20 STATES	30,498	12,010	10,534	1,476	0.16%	0.09%	0.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19 STATES[1]	30,359	11,968	10,512	1,456	0.08%	0.04%	0.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

1. Massachusetts data not included in "19 States" summary statistics for Aldicarb Sulfone.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Aldicarb Sulfone is 7 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.4.a SDWIS/FED (Round 2) Data- Aldicarb Sulfoxide Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	25	24	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
AK	33	25	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL										
AR	527	431	96	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AZ										
CA										
CO	749	538	211	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
CT	75	38	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN										
KY	34	18	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
LA	1,363	1,295	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.25
MA	43	23	20	20.93%	21.74%	20.00%	0.00%	0.00%	0.00%	4.40
MD										
ME										
MI	2,633	2,553	80	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,270	1,240	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MO	374	276	98	1.87%	0.36%	6.12%	0.00%	0.00%	0.00%	< 2.00
MS	12	11	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NC	482	457	25	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
ND	5	4	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NH	592	559	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NJ										
NM	715	686	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.80
OH	1,013	867	146	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
OK	128	100	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	1,153	1,000	153	0.09%	0.00%	0.65%	0.09%	0.10%	0.00%	< 0.00
PA	580	381	199	8.97%	2.36%	21.61%	0.86%	0.52%	1.51%	2.00
RI										
SC	952	852	100	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
SD										
TN	13	3	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	1,913	1,464	449	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
VT	432	378	54	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.44
WA	333	282	51	0.30%	0.35%	0.00%	0.00%	0.00%	0.00%	< 0.10
WI										
TOTAL	15,449	13,505	1,944	0.46%	0.13%	2.78%	0.04%	0.02%	0.15%	< 4.00
20 STATES	11,997	10,523	1,474	0.16%	0.08%	0.75%	0.01%	0.01%	0.00%	< 4.00
19 STATES[1]	11,954	10,500	1,454	0.08%	0.03%	0.48%	0.01%	0.01%	0.00%	< 4.00

1. Massachusetts data not included in "19 States" summary statistics for Aldicarb Sulfoxide.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Aldicarb Sulfoxide is 7 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.4.b SDWIS/FED (Round 2) Data- Aldicarb Sulfoxide Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	25	34	33	1	0.00%	0.00%	0.00%	< 0.50	< 5.00	0.00		
AK	33	69	56	13	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL												
AR	527	1,762	1,494	268	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AZ												
CA												
CO	749	2,220	1,362	858	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
CT	75	331	129	202	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN												
KY	34	139	70	69	0.00%	0.00%	0.00%	< 0.27	< 2.00	< 2.00		
LA	1,363	3,333	3,152	181	0.00%	0.00%	0.00%	< 0.25	< 0.25	< 0.25		
MA	43	139	57	82	17.27%	22.81%	13.41%	< 0.20	4.40	4.40	4.40	4.40
MD												
ME												
MI	2,633	4,004	3,713	291	0.02%	0.03%	0.00%	< 0.00	< 0.00	1.90	1.90	1.90
MN	1,270	5,910	5,678	232	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MO	374	1,039	404	635	0.77%	0.25%	1.10%	< 0.41	< 2.00	2.30	0.41	0.78
MS	12	28	24	4	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NC	482	716	680	36	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
ND	5	5	4	1	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
NH	592	613	578	35	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ												
NM	715	4,134	3,951	183	0.00%	0.00%	0.00%	< 0.15	< 0.80	< 11.00		
OH	1,013	1,266	1,043	223	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 2.00		
OK	128	165	133	32	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	1,153	2,670	2,094	576	0.04%	0.00%	0.17%	< 0.00	< 0.00	8.80	8.80	8.80
PA	580	2,658	1,397	1,261	4.25%	0.86%	8.01%	< 0.00	2.00	9000.00	0.50	0.90
RI												
SC	952	5,723	4,674	1,049	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.01		
SD												
TN	13	54	17	37	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	1,913	4,863	2,584	2,279	0.00%	0.00%	0.00%	< 4.00	< 4.00	< 4.00		
VT	432	738	575	163	0.00%	0.00%	0.00%	< 0.00	< 0.44	< 1.00		
WA	333	753	596	157	0.13%	0.17%	0.00%	< 0.00	< 0.10	0.40	0.40	0.40
WI												
TOTAL	15,449	43,366	34,498	8,868	0.34%	0.08%	1.35%	< 0.00	< 4.00	9000.00	0.40	2.00
20 STATES	11,997	30,467	24,497	5,970	0.11%	0.07%	0.32%	< 0.00	< 4.00	8.80	0.40	4.40
19 STATES[1]	11,954	30,328	24,440	5,888	0.04%	0.01%	0.14%	< 0.00	< 4.00	8.80	0.40	0.85

1. Massachusetts data not included in "19 States" summary statistics for Aldicarb Sulfoxide.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.4.c SDWIS/FED (Round 2) Data- Aldicarb Sulfoxide Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	34	25	24	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	69	33	25	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL													
AR	1,762	527	431	96	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ													
CA													
CO	2,220	749	538	211	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	331	75	38	37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN													
KY	139	34	18	16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	3,333	1,363	1,295	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	139	43	23	20	20.93%	21.74%	20.00%	20.93%	21.74%	20.00%	0.00%	0.00%	0.00%
MD													
ME													
MI	4,004	2,633	2,553	80	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	5,910	1,270	1,240	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	1,039	374	276	98	1.87%	0.36%	6.12%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	28	12	11	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	716	482	457	25	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	5	5	4	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	613	592	559	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ													
NM	4,134	715	686	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	1,266	1,013	867	146	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	165	128	100	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,670	1,153	1,000	153	0.09%	0.00%	0.65%	0.09%	0.00%	0.65%	0.09%	0.10%	0.00%
PA	2,658	580	381	199	8.97%	2.36%	21.61%	1.55%	0.52%	3.52%	0.86%	0.52%	1.51%
RI													
SC	5,723	952	852	100	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	54	13	3	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	4,863	1,913	1,464	449	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	738	432	378	54	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	753	333	282	51	0.30%	0.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI													
TOTAL	43,366	15,449	13,505	1,944	0.46%	0.13%	2.78%	0.12%	0.05%	0.62%	0.04%	0.02%	0.15%
20 STATES	30,467	11,997	10,523	1,474	0.16%	0.08%	0.75%	0.08%	0.05%	0.34%	0.01%	0.01%	0.00%
19 STATES[1]	30,328	11,954	10,500	1,454	0.08%	0.03%	0.48%	0.01%	0.00%	0.07%	0.01%	0.01%	0.00%

1. Massachusetts data not included in "19 States" summary statistics for Aldicarb Sulfoxide.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Aldicarb Sulfoxide is 7 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.5.a SDWIS/FED (Round 2) Data- Aldrin Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	26	25	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
AK	34	24	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	16	11	5	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	0.68
AR	536	431	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AZ										
CA										
CO	750	538	212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
CT	70	35	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN										
KY	366	184	182	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
LA	1,363	1,295	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.01
MA	56	29	27	17.86%	17.24%	18.52%	17.86%	17.24%	18.52%	4.40
MD	726	669	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
ME										
MI	2,650	2,570	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,264	1,234	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MO	378	280	98	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.10
MS	12	11	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NC	536	490	46	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.01
NH	593	560	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NJ										
NM	720	691	29	0.14%	0.14%	0.00%	0.14%	0.14%	0.00%	< 1.00
OH	1,029	882	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 30.00
OK	98	76	22	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	1,152	999	153	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA	68	57	11	5.88%	7.02%	0.00%	5.88%	7.02%	0.00%	0.10
RI	24	15	9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
SC	939	841	98	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
SD										
TN	7	2	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	427	122	305	0.23%	0.82%	0.00%	0.23%	0.82%	0.00%	< 0.20
VT	401	349	52	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
WA	586	517	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
WI										
TOTAL	15,123	13,195	1,928	0.21%	0.17%	0.52%	0.21%	0.17%	0.52%	< 1.00
20 STATES	12,221	10,569	1,652	0.10%	0.07%	0.30%	0.10%	0.07%	0.30%	< 2.00
19 STATES[1]	12,165	10,540	1,625	0.02%	0.02%	0.00%	0.02%	0.02%	0.00%	< 2.00

1. Massachusetts data not included in "19 States" summary statistics for Aldrin.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Aldrin is 0.002 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.5.b SDWIS/FED (Round 2) Data- Aldrin Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	26	36	35	1	0.00%	0.00%	0.00%	< 0.02	< 0.50	< 0.50		
AK	34	69	55	14	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL	16	25	17	8	100.00%	100.00%	100.00%	0.07	0.68	0.68	0.07	0.12
AR	536	1,610	1,225	385	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AZ												
CA												
CO	750	2,226	1,366	860	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
CT	70	312	112	200	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN												
KY	366	1,557	753	804	0.00%	0.00%	0.00%	< 0.01	< 2.00	< 2.00		
LA	1,363	3,333	3,152	181	0.00%	0.00%	0.00%	< 0.01	< 0.01	< 0.01		
MA	56	184	76	108	13.04%	17.11%	10.19%	< 0.08	4.40	4.40	0.10	0.84
MD	726	1,395	1,155	240	0.00%	0.00%	0.00%	< 0.01	< 1.00	< 50.00		
ME												
MI	2,650	4,089	3,781	308	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,264	6,033	5,754	279	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MO	378	1,053	415	638	0.00%	0.00%	0.00%	< 0.05	< 0.10	< 0.10		
MS	12	29	25	4	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NC	536	742	684	58	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
ND	296	383	316	67	0.00%	0.00%	0.00%	< 0.00	< 0.01	< 0.01		
NH	593	614	579	35	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ												
NM	720	4,268	4,075	193	0.02%	0.02%	0.00%	< 0.01	< 1.00	0.46	0.46	0.46
OH	1,029	1,293	1,066	227	0.00%	0.00%	0.00%	< 0.00	< 30.00	< 30.00		
OK	98	120	96	24	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	1,152	2,682	2,111	571	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA	68	179	131	48	2.23%	3.05%	0.00%	< 0.00	0.10	0.10	0.10	0.10
RI	24	263	122	141	0.00%	0.00%	0.00%	< 0.00	< 0.20	< 0.20		
SC	939	5,705	4,710	995	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
SD												
TN	7	46	16	30	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	427	1,479	193	1,286	0.07%	0.52%	0.00%	< 0.20	< 0.20	0.69	0.69	0.69
VT	401	633	506	127	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.44		
WA	586	1,207	1,005	202	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WI												
TOTAL	15,123	41,565	33,531	8,034	0.13%	0.11%	0.24%	< 0.00	< 1.00	4.40	0.07	0.18
20 STATES	12,221	31,267	24,827	6,440	0.08%	0.06%	0.17%	< 0.00	< 2.00	4.40	0.10	0.84
19 STATES[1]	12,165	31,083	24,751	6,332	0.01%	0.01%	0.00%	< 0.00	< 2.00	0.69	0.46	0.58

1. Massachusetts data not included in "19 States" summary statistics for Aldrin.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.5.c SDWIS/FED (Round 2) Data- Aldrin Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	36	26	25	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	69	34	24	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	25	16	11	5	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
AR	1,610	536	431	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ													
CA													
CO	2,226	750	538	212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	312	70	35	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN													
KY	1,557	366	184	182	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	3,333	1,363	1,295	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	184	56	29	27	17.86%	17.24%	18.52%	17.86%	17.24%	18.52%	17.86%	17.24%	18.52%
MD	1,395	726	669	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME													
MI	4,089	2,650	2,570	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	6,033	1,264	1,234	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	1,053	378	280	98	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	29	12	11	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	742	536	490	46	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	383	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	614	593	560	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ													
NM	4,268	720	691	29	0.14%	0.14%	0.00%	0.14%	0.14%	0.00%	0.14%	0.14%	0.00%
OH	1,293	1,029	882	147	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	120	98	76	22	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,682	1,152	999	153	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA	179	68	57	11	5.88%	7.02%	0.00%	5.88%	7.02%	0.00%	5.88%	7.02%	0.00%
RI	263	24	15	9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	5,705	939	841	98	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	46	7	2	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	1,479	427	122	305	0.23%	0.82%	0.00%	0.23%	0.82%	0.00%	0.23%	0.82%	0.00%
VT	633	401	349	52	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	1,207	586	517	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI													
TOTAL	41,565	15,123	13,195	1,928	0.21%	0.17%	0.52%	0.21%	0.17%	0.52%	0.21%	0.17%	0.52%
20 STATES	31,267	12,221	10,569	1,652	0.10%	0.07%	0.30%	0.10%	0.07%	0.30%	0.10%	0.07%	0.30%
19 STATES[1]	31,083	12,165	10,540	1,625	0.02%	0.02%	0.00%	0.02%	0.02%	0.00%	0.02%	0.02%	0.00%

1. Massachusetts data not included in "19 States" summary statistics for Aldrin.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Aldrin is 0.002 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.6.a SDWIS/FED (Round 2) Data- Butachlor Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	1	1	0	0.00%	0.00%	0.00%				< 0.04
AK	17	16	1	0.00%	0.00%	0.00%				< 0.00
AL	4	2	2	100.00%	100.00%	100.00%				17.00
AR	536	431	105	0.00%	0.00%	0.00%				< 0.00
AZ										
CA										
CO	750	538	212	0.00%	0.00%	0.00%				< 0.00
CT	69	35	34	0.00%	0.00%	0.00%				< 0.00
IN										
KY	28	10	18	0.00%	0.00%	0.00%				< 50.00
LA										
MA	55	28	27	14.55%	14.29%	14.81%				4.40
MD	684	627	57	0.00%	0.00%	0.00%				< 2.50
ME										
MI	2,650	2,570	80	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Butachlor.			< 0.00
MN	1,264	1,234	30	0.08%	0.08%	0.00%				< 0.00
MO	538	437	101	0.56%	0.00%	2.97%				< 0.50
MS										
NC	530	483	47	0.19%	0.00%	2.13%				< 0.00
ND	296	258	38	0.00%	0.00%	0.00%				< 0.05
NH	593	560	33	0.00%	0.00%	0.00%				< 0.00
NJ										
NM	715	686	29	0.00%	0.00%	0.00%				< 0.40
OH	1,057	910	147	0.00%	0.00%	0.00%				< 10.00
OK	107	82	25	0.00%	0.00%	0.00%				< 0.00
OR	1,133	982	151	0.00%	0.00%	0.00%				< 0.00
PA	79	67	12	3.80%	4.48%	0.00%				0.10
RI	15	6	9	0.00%	0.00%	0.00%				< 0.09
SC	939	841	98	0.00%	0.00%	0.00%				< 0.00
SD										
TN	7	2	5	0.00%	0.00%	0.00%				< 0.00
TX	426	121	305	0.00%	0.00%	0.00%				< 0.20
VT	396	343	53	0.00%	0.00%	0.00%				< 0.00
WA	601	531	70	0.00%	0.00%	0.00%				< 0.00
WI										
TOTAL	13,490	11,801	1,689	0.15%	0.08%	0.59%				< 10.00
20 STATES	11,995	10,510	1,485	0.11%	0.05%	0.54%				< 10.00
19 STATES[1]	11,940	10,482	1,458	0.04%	0.01%	0.27%				< 10.00

1. Massachusetts data not included in "19 States" summary statistics for Butachlor.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.6.b SDWIS/FED (Round 2) Data- Butachlor Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	1	3	3	0	0.00%	0.00%	0.00%	< 0.04	< 0.04	< 0.04		
AK	17	22	21	1	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL	4	6	2	4	100.00%	100.00%	100.00%	0.70	17.00	17.00	0.70	15.00
AR	536	1,610	1,225	385	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AZ												
CA												
CO	750	2,229	1,367	862	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
CT	69	311	112	199	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN												
KY	28	139	42	97	0.00%	0.00%	0.00%	< 0.05	< 50.00	< 50.00		
LA												
MA	55	184	74	110	8.70%	14.86%	4.55%	< 0.04	4.40	4.40	0.04	4.40
MD	684	1,101	895	206	0.00%	0.00%	0.00%	< 0.05	< 2.50	< 50.00		
ME												
MI	2,650	4,162	3,780	382	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,264	5,985	5,706	279	0.02%	0.02%	0.00%	< 0.00	< 0.00	0.70	0.70	0.70
MO	538	1,798	780	1,018	0.17%	0.00%	0.29%	< 0.50	< 0.50	0.72	0.56	0.68
MS								<				
NC	530	771	713	58	0.13%	0.00%	1.72%	< 0.00	< 0.00	0.10	0.10	0.10
ND	296	383	316	67	0.00%	0.00%	0.00%	< 0.00	< 0.05	< 0.05		
NH	593	614	579	35	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ												
NM	715	4,291	4,098	193	0.00%	0.00%	0.00%	< 0.06	< 0.40	< 0.80		
OH	1,057	1,394	1,163	231	0.00%	0.00%	0.00%	< 0.02	< 10.00	< 10.00		
OK	107	129	100	29	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	1,133	2,525	1,969	556	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA	79	232	161	71	1.29%	1.86%	0.00%	< 0.00	0.10	0.10	0.10	0.10
RI	15	188	82	106	0.00%	0.00%	0.00%	< 0.00	< 0.09	< 0.09		
SC	939	5,686	4,699	987	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
SD												
TN	7	50	20	30	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	426	1,474	190	1,284	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
VT	396	622	492	130	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.44		
WA	601	1,175	973	202	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WI												
TOTAL	13,490	37,084	29,562	7,522	0.08%	0.06%	0.17%	< 0.00	< 10.00	17.00	0.04	4.40
20 STATES	11,995	30,174	24,073	6,101	0.07%	0.05%	0.15%	< 0.00	< 10.00	4.40	0.04	4.40
19 STATES[1]	11,940	29,990	23,999	5,991	0.02%	0.00%	0.07%	< 0.00	< 10.00	0.72	0.10	0.68

1. Massachusetts data not included in "19 States" summary statistics for Butachlor.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.6.c SDWIS/FED (Round 2) Data- Butachlor Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	3	1	1	0	0.00%	0.00%	0.00%						
AK	22	17	16	1	0.00%	0.00%	0.00%						
AL	6	4	2	2	100.00%	100.00%	100.00%						
AR	1,610	536	431	105	0.00%	0.00%	0.00%						
AZ													
CA													
CO	2,229	750	538	212	0.00%	0.00%	0.00%						
CT	311	69	35	34	0.00%	0.00%	0.00%						
IN													
KY	139	28	10	18	0.00%	0.00%	0.00%						
LA													
MA	184	55	28	27	14.55%	14.29%	14.81%						
MD	1,101	684	627	57	0.00%	0.00%	0.00%						
ME													
MI	4,162	2,650	2,570	80	0.00%	0.00%	0.00%						
MN	5,985	1,264	1,234	30	0.08%	0.08%	0.00%						
MO	1,798	538	437	101	0.56%	0.00%	2.97%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Butachlor.					
MS													
NC	771	530	483	47	0.19%	0.00%	2.13%						
ND	383	296	258	38	0.00%	0.00%	0.00%						
NH	614	593	560	33	0.00%	0.00%	0.00%						
NJ													
NM	4,291	715	686	29	0.00%	0.00%	0.00%						
OH	1,394	1,057	910	147	0.00%	0.00%	0.00%						
OK	129	107	82	25	0.00%	0.00%	0.00%						
OR	2,525	1,133	982	151	0.00%	0.00%	0.00%						
PA	232	79	67	12	3.80%	4.48%	0.00%						
RI	188	15	6	9	0.00%	0.00%	0.00%						
SC	5,686	939	841	98	0.00%	0.00%	0.00%						
SD													
TN	50	7	2	5	0.00%	0.00%	0.00%						
TX	1,474	426	121	305	0.00%	0.00%	0.00%						
VT	622	396	343	53	0.00%	0.00%	0.00%						
WA	1,175	601	531	70	0.00%	0.00%	0.00%						
WI													
TOTAL	37,084	13,490	11,801	1,689	0.15%	0.08%	0.59%						
20 STATES	30,174	11,995	10,510	1,485	0.11%	0.05%	0.54%						
19 STATES[1]	29,990	11,940	10,482	1,458	0.04%	0.01%	0.27%						

1. Massachusetts data not included in "19 States" summary statistics for Butachlor.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.7.a SDWIS/FED (Round 2) Data- Carbaryl Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
Tribes (06)	25	24	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
AK	28	21	7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL										
AR	527	431	96	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AZ										
CA										
CO	749	538	211	0.27%	0.37%	0.00%	0.00%	0.00%	0.00%	< 0.00
CT	73	38	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN										
KY	31	17	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
LA	1,363	1,295	68	0.00%	0.00%	0.00%				< 0.19
MA	56	29	27	16.07%	17.24%	14.81%	0.00%	0.00%	0.00%	1.00
MD	175	142	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.00
ME										
MI	2,633	2,553	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,270	1,240	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MO	374	276	98	0.27%	0.00%	1.02%	0.00%	0.00%	0.00%	< 1.00
MS	11	10	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NC	465	441	24	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	0.00%	0.00%	0.00%				< 0.50
NH	592	559	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NJ										
NM	715	686	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
OH	1,226	1,072	154	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 10.00
OK	128	100	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	1,152	999	153	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA	502	350	152	6.97%	1.43%	19.74%	0.20%	0.29%	0.00%	4.00
RI	33	24	9	3.03%	0.00%	11.11%	0.00%	0.00%	0.00%	< 1.00
SC	952	852	100	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
SD										
TN	7	2	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	1,902	1,453	449	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
VT	432	378	54	0.23%	0.26%	0.00%	0.00%	0.00%	0.00%	< 1.00
WA	327	276	51	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
WI										
TOTAL	16,044	14,064	1,980	0.31%	0.09%	1.82%	0.01%	0.01%	0.00%	< 10.00
20 STATES	12,679	11,115	1,564	0.10%	0.06%	0.38%	0.00%	0.00%	0.00%	< 10.00
19 STATES[1]	12,623	11,086	1,537	0.03%	0.02%	0.13%	0.00%	0.00%	0.00%	< 10.00

1. Massachusetts data not included in "19 States" summary statistics for Carbaryl.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Carbaryl is 700 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.7.b SDWIS/FED (Round 2) Data- Carbaryl Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	25	35	34	1	0.00%	0.00%	0.00%	< 0.40	< 5.00	< 5.00		
AK	28	46	34	12	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL												
AR	527	1,762	1,494	268	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AZ												
CA												
CO	749	2,223	1,367	856	0.09%	0.15%	0.00%	< 0.00	< 0.00	3.00	1.00	2.00
CT	73	326	127	199	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN												
KY	31	112	62	50	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
LA	1,363	3,333	3,152	181	0.00%	0.00%	0.00%	< 0.19	< 0.19	< 0.19		
MA	56	188	77	111	12.77%	16.88%	9.91%	< 0.18	1.00	1.00	0.18	0.18
MD	175	464	330	134	0.00%	0.00%	0.00%	< 0.50	< 4.00	< 5.00		
ME												
MI	2,633	4,005	3,714	291	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,270	5,910	5,678	232	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MO	374	1,039	404	635	0.10%	0.00%	0.16%	< 1.00	< 1.00	1.00	1.00	1.00
MS	11	28	24	4	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NC	465	694	659	35	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
ND	296	383	316	67	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH	592	613	578	35	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ												
NM	715	4,139	3,956	183	0.00%	0.00%	0.00%	< 0.00	< 5.00	< 11.00		
OH	1,226	2,025	1,780	245	0.00%	0.00%	0.00%	< 0.34	< 10.00	< 10.00		
OK	128	165	133	32	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	1,152	2,682	2,103	579	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA	502	2,065	1,263	802	3.29%	0.48%	7.73%	< 0.00	4.00	1000.00	0.18	1.00
RI	33	173	96	77	0.58%	0.00%	1.30%	< 0.00	< 1.00	0.68	0.68	0.68
SC	952	5,715	4,665	1,050	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
SD												
TN	7	46	16	30	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	1,902	4,832	2,556	2,276	0.00%	0.00%	0.00%	< 5.00	< 5.00	< 5.00		
VT	432	739	577	162	0.14%	0.17%	0.00%	< 0.00	< 1.00	1.00	1.00	1.00
WA	327	727	570	157	0.00%	0.00%	0.00%	< 0.00	< 0.20	< 0.20		
WI												
TOTAL	16,044	44,469	35,765	8,704	0.22%	0.06%	0.86%	< 0.00	< 10.00	1000.00	0.18	1.00
20 STATES	12,679	32,182	25,907	6,275	0.09%	0.06%	0.21%	< 0.00	< 10.00	3.00	0.18	0.18
19 STATES[1]	12,623	31,994	25,830	6,164	0.01%	0.01%	0.03%	< 0.00	< 10.00	3.00	0.68	1.00

1. Massachusetts data not included in "19 States" summary statistics for Carbaryl.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.7.c SDWIS/FED (Round 2) Data- Carbaryl Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
Tribes (06)	35	25	24	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	46	28	21	7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL													
AR	1,762	527	431	96	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ													
CA													
CO	2,223	749	538	211	0.27%	0.37%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	326	73	38	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN													
KY	112	31	17	14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	3,333	1,363	1,295	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
MA	188	56	29	27	16.07%	17.24%	14.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	464	175	142	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME													
MI	4,005	2,633	2,553	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	5,910	1,270	1,240	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	1,039	374	276	98	0.27%	0.00%	1.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	28	11	10	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	694	465	441	24	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	383	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
NH	613	592	559	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ													
NM	4,139	715	686	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	2,025	1,226	1,072	154	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	165	128	100	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,682	1,152	999	153	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA	2,065	502	350	152	6.97%	1.43%	19.74%	0.20%	0.29%	0.00%	0.20%	0.29%	0.00%
RI	173	33	24	9	3.03%	0.00%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	5,715	952	852	100	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	46	7	2	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	4,832	1,902	1,453	449	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	739	432	378	54	0.23%	0.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	727	327	276	51	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI													
TOTAL	44,471	16,044	14,064	1,980	0.31%	0.09%	1.82%	0.01%	0.01%	0.00%	0.01%	0.01%	0.00%
20 STATES	35,515	12,679	11,115	1,564	0.10%	0.06%	0.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19 STATES[1]	35,327	12,623	11,086	1,537	0.03%	0.02%	0.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

1. Massachusetts data not included in "19 States" summary statistics for Carbaryl.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Carbaryl is 700 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.8.a SDWIS/FED (Round 2) Data- Dicamba Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
Tribes (06)	3	3	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.10
AK	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	3	3	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.40
AR	386	310	76	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AZ										
CA										
CO	749	538	211	1.87%	0.93%	4.27%	0.00%	0.00%	0.00%	< 0.00
CT										
IN										
KY	416	201	215	0.24%	0.00%	0.47%	0.00%	0.00%	0.00%	< 50.00
LA	1,363	1,295	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.08
MA	55	28	27	16.36%	17.86%	14.81%	0.00%	0.00%	0.00%	0.04
MD	724	667	57	0.69%	0.75%	0.00%	0.00%	0.00%	0.00%	< 2.00
ME										
MI	2,633	2,553	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,260	1,230	30	0.87%	0.65%	10.00%	0.00%	0.00%	0.00%	< 0.00
MO	555	455	100	1.26%	1.32%	1.00%	0.00%	0.00%	0.00%	< 1.00
MS	9	8	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NC	571	516	55	0.18%	0.00%	1.82%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	0.34%	0.00%	2.63%	0.00%	0.00%	0.00%	< 0.10
NH	592	559	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NJ										
NM	710	681	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
OH	1,332	1,172	160	0.53%	0.09%	3.75%	0.00%	0.00%	0.00%	< 10.00
OK	187	145	42	0.53%	0.69%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	1,148	994	154	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA	647	474	173	4.33%	2.74%	8.67%	0.31%	0.21%	0.58%	5.00
RI	10	3	7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.40
SC	873	777	96	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
SD										
TN	7	2	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	1,919	1,462	457	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	485	427	58	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.10
WA	530	462	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
WI										
TOTAL	17,479	15,237	2,242	0.50%	0.31%	1.83%	0.01%	0.01%	0.04%	< 10.00
20 STATES	14,089	12,248	1,841	0.40%	0.25%	1.41%	0.00%	0.00%	0.00%	< 10.00
19 STATES[1]	14,034	12,220	1,814	0.34%	0.21%	1.21%	0.00%	0.00%	0.00%	< 10.00

1. Massachusetts data not included in "19 States" summary statistics for Dicamba.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Dicamba is 200 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.8.b SDWIS/FED (Round 2) Data- Dicamba Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	3	3	3	0	0.00%	0.00%	0.00%	< 0.05	< 0.10	< 0.10		
AK	16	19	16	3	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL	3	3	3	0	100.00%	100.00%	0.00%	0.30	0.40	0.40	0.30	0.30
AR	386	743	573	170	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AZ												
CA												
CO	749	2,213	1,367	846	0.86%	0.59%	1.30%	< 0.00	< 0.00	1.40	0.08	0.26
CT												
IN												
KY	416	1,863	837	1,026	0.05%	0.00%	0.10%	< 0.01	< 50.00	0.07	0.07	0.07
LA	1,363	3,333	3,152	181	0.00%	0.00%	0.00%	< 0.08	< 0.08	< 0.08		
MA	55	180	71	109	12.78%	18.31%	9.17%	< 0.04	0.04	4.40	0.04	0.04
MD	724	1,462	1,168	294	0.34%	0.43%	0.00%	< 0.05	< 2.00	0.27	0.08	0.25
ME												
MI	2,633	4,049	3,751	298	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,260	5,850	5,582	268	0.21%	0.16%	1.12%	< 0.00	< 0.00	0.44	0.08	0.15
MO	555	1,696	1,043	653	0.53%	0.77%	0.15%	< 0.50	< 1.00	4.06	0.53	2.69
MS	9	26	22	4	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NC	571	816	749	67	0.12%	0.00%	1.49%	< 0.00	< 0.00	0.10	0.10	0.10
ND	296	385	318	67	0.26%	0.00%	1.49%	< 0.00	< 0.10	0.10	0.10	0.10
NH	592	615	580	35	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ												
NM	710	4,058	3,875	183	0.00%	0.00%	0.00%	< 0.06	< 2.00	< 2.00		
OH	1,332	2,252	1,991	261	0.36%	0.05%	2.68%	< 0.02	< 10.00	0.10	0.02	0.05
OK	187	260	205	55	0.38%	0.49%	0.00%	< 0.00	< 0.00	0.03	0.03	0.03
OR	1,148	2,679	2,088	591	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA	647	2,600	1,755	845	2.85%	1.71%	5.21%	< 0.00	5.00	1600.00	0.08	0.50
RI	10	52	19	33	0.00%	0.00%	0.00%	< 0.40	< 0.40	< 0.40		
SC	873	4,108	3,283	825	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
SD												
TN	7	46	16	30	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	1,919	4,937	2,615	2,322	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	485	886	702	184	0.00%	0.00%	0.00%	< 0.00	< 0.10	< 10.00		
WA	530	1,087	895	192	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WI												
TOTAL	17,479	46,221	36,679	9,542	0.34%	0.21%	0.83%	< 0.00	< 10.00	1600.00	0.02	0.50
20 STATES	14,089	35,216	27,743	7,473	0.23%	0.16%	0.47%	< 0.00	< 10.00	4.40	0.02	0.12
19 STATES[1]	14,034	35,036	27,672	7,364	0.16%	0.12%	0.34%	< 0.00	< 10.00	4.06	0.02	0.20

1. Massachusetts data not included in "19 States" summary statistics for Dicamba.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.8.c SDWIS/FED (Round 2) Data- Dicamba Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
Tribes (06)	3	3	3	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	19	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	3	3	3	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR	743	386	310	76	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ													
CA													
CO	2,213	749	538	211	1.87%	0.93%	4.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT													
IN													
KY	1,863	416	201	215	0.24%	0.00%	0.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	3,333	1,363	1,295	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	180	55	28	27	16.36%	17.86%	14.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,462	724	667	57	0.69%	0.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME													
MI	4,049	2,633	2,553	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	5,850	1,260	1,230	30	0.87%	0.65%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	1,696	555	455	100	1.26%	1.32%	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	26	9	8	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	816	571	516	55	0.18%	0.00%	1.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	385	296	258	38	0.34%	0.00%	2.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	615	592	559	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ													
NM	4,058	710	681	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	2,252	1,332	1,172	160	0.53%	0.09%	3.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	260	187	145	42	0.53%	0.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,679	1,148	994	154	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA	2,600	647	474	173	4.33%	2.74%	8.67%	0.31%	0.21%	0.58%	0.31%	0.21%	0.58%
RI	52	10	3	7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	4,108	873	777	96	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	46	7	2	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	4,937	1,919	1,462	457	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	886	485	427	58	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	1,087	530	462	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI													
TOTAL	46,221	17,479	15,237	2,242	0.50%	0.31%	1.83%	0.01%	0.01%	0.04%	0.01%	0.01%	0.04%
20 STATES	35,216	14,089	12,248	1,841	0.40%	0.25%	1.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19 STATES[1]	35,036	14,034	12,220	1,814	0.34%	0.21%	1.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

1. Massachusetts data not included in "19 States" summary statistics for Dicamba.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Dicamba is 200 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.9.a SDWIS/FED (Round 2) Data- Dieldrin Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	25	24	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.10
AK	16	12	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	4	4	0	100.00%	0.00%	0.00%	100.00%	100.00%	0.00%	0.10
AR	536	431	105	0.19%	0.00%	0.95%	0.19%	0.00%	0.95%	< 0.00
AZ										
CA										
CO	749	537	212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
CT	70	35	35	1.43%	0.00%	2.86%	1.43%	0.00%	2.86%	< 0.00
IN										
KY	44	20	24	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.21
LA	1,363	1,295	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.07
MA	55	28	27	18.18%	17.86%	18.52%	18.18%	17.86%	18.52%	4.40
MD	725	668	57	0.97%	0.90%	1.75%	0.97%	0.90%	1.75%	< 1.00
ME										
MI	2,650	2,570	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,264	1,234	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MO	378	280	98	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.10
MS	12	11	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NC	522	475	47	0.38%	0.42%	0.00%	0.38%	0.42%	0.00%	< 0.00
ND	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.01
NH	593	560	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NJ										
NM	716	687	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
OH	1,029	883	146	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 20.00
OK	98	76	22	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	1,148	995	153	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA	67	56	11	7.46%	8.93%	0.00%	7.46%	8.93%	0.00%	0.10
RI	15	6	9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
SC	939	841	98	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
SD										
TN	7	2	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	427	122	305	0.23%	0.82%	0.00%	0.23%	0.82%	0.00%	< 0.20
VT	395	343	52	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
WA	582	515	67	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
WI										
TOTAL	14,725	12,968	1,757	0.21%	0.18%	0.46%	0.21%	0.18%	0.46%	< 0.30
20 STATES	11,843	10,357	1,486	0.18%	0.14%	0.47%	0.18%	0.14%	0.47%	< 1.00
19 STATES[1]	11,788	10,329	1,459	0.09%	0.09%	0.14%	0.09%	0.09%	0.14%	< 1.00

1. Massachusetts data not included in "19 States" summary statistics for Dieldrin.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Dieldrin is 0.002 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.9.b SDWIS/FED (Round 2) Data- Dieldrin Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	25	35	34	1	0.00%	0.00%	0.00%	< 0.01	< 0.10	< 0.10		
AK	16	19	15	4	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL	4	5	5	0	100.00%	0.00%	0.00%	0.01	0.10	0.10	0.01	0.04
AR	536	1,610	1,225	385	0.06%	0.00%	0.26%	< 0.00	< 0.00	0.06	0.06	0.06
AZ												
CA												
CO	749	2,226	1,365	861	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
CT	70	326	116	210	0.31%	0.00%	0.48%	< 0.00	< 0.00	0.01	0.01	0.01
IN												
KY	44	215	87	128	0.00%	0.00%	0.00%	< 0.01	< 0.21	< 0.88		
LA	1,363	3,333	3,152	181	0.00%	0.00%	0.00%	< 0.07	< 0.07	< 0.07		
MA	55	181	74	107	13.26%	17.57%	10.28%	< 0.02	4.40	4.40	0.50	4.40
MD	725	1,392	1,156	236	0.86%	0.95%	0.42%	< 0.01	< 1.00	0.35	0.02	0.12
ME												
MI	2,650	4,089	3,781	308	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,264	5,985	5,706	279	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MO	378	1,053	415	638	0.00%	0.00%	0.00%	< 0.05	< 0.10	< 0.10		
MS	12	29	25	4	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NC	522	757	699	58	0.40%	0.43%	0.00%	< 0.00	< 0.00	0.20	0.10	0.10
ND	296	383	316	67	0.00%	0.00%	0.00%	< 0.00	< 0.01	< 0.01		
NH	593	614	579	35	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ												
NM	716	4,263	4,071	192	0.00%	0.00%	0.00%	< 0.03	< 0.20	< 1.00		
OH	1,029	1,291	1,066	225	0.00%	0.00%	0.00%	< 0.00	< 20.00	< 20.00		
OK	98	120	96	24	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	1,148	2,661	2,096	565	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA	67	175	127	48	2.86%	3.94%	0.00%	< 0.00	0.10	0.13	0.10	0.10
RI	15	254	111	143	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
SC	939	5,698	4,703	995	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
SD												
TN	7	46	16	30	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	427	1,477	193	1,284	0.20%	1.55%	0.00%	< 0.20	< 0.20	1.36	0.73	0.90
VT	395	624	494	130	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.44		
WA	582	1,194	994	200	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WI												
TOTAL	14,725	40,055	32,717	7,338	0.13%	0.12%	0.19%	< 0.00	< 0.30	4.40	0.01	0.42
20 STATES	11,843	29,784	24,045	5,739	0.14%	0.12%	0.23%	< 0.00	< 1.00	4.40	0.02	0.50
19 STATES[1]	11,788	29,603	23,971	5,632	0.06%	0.07%	0.04%	< 0.00	< 1.00	1.36	0.02	0.16

1. Massachusetts data not included in "19 States" summary statistics for Dieldrin.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.9.c SDWIS/FED (Round 2) Data- Dieldrin Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	35	25	24	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	19	16	12	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	5	4	4	0	100.00%	0.00%	0.00%	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%
AR	1,610	536	431	105	0.19%	0.00%	0.95%	0.19%	0.00%	0.95%	0.19%	0.00%	0.95%
AZ													
CA													
CO	2,226	749	537	212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	326	70	35	35	1.43%	0.00%	2.86%	1.43%	0.00%	2.86%	1.43%	0.00%	2.86%
IN													
KY	215	44	20	24	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	3,333	1,363	1,295	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	181	55	28	27	18.18%	17.86%	18.52%	18.18%	17.86%	18.52%	18.18%	17.86%	18.52%
MD	1,392	725	668	57	0.97%	0.90%	1.75%	0.97%	0.90%	1.75%	0.97%	0.90%	1.75%
ME													
MI	4,089	2,650	2,570	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	5,985	1,264	1,234	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	1,053	378	280	98	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	29	12	11	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	757	522	475	47	0.38%	0.42%	0.00%	0.38%	0.42%	0.00%	0.38%	0.42%	0.00%
ND	383	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	614	593	560	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ													
NM	4,263	716	687	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	1,291	1,029	883	146	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	120	98	76	22	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,661	1,148	995	153	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA	175	67	56	11	7.46%	8.93%	0.00%	7.46%	8.93%	0.00%	7.46%	8.93%	0.00%
RI	254	15	6	9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	5,698	939	841	98	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	46	7	2	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	1,477	427	122	305	0.23%	0.82%	0.00%	0.23%	0.82%	0.00%	0.23%	0.82%	0.00%
VT	624	395	343	52	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	1,194	582	515	67	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI													
TOTAL	40,055	14,725	12,968	1,757	0.21%	0.18%	0.46%	0.21%	0.18%	0.46%	0.21%	0.18%	0.46%
20 STATES	29,784	11,843	10,357	1,486	0.18%	0.14%	0.47%	0.18%	0.14%	0.47%	0.18%	0.14%	0.47%
19 STATES[1]	29,603	11,788	10,329	1,459	0.09%	0.09%	0.14%	0.09%	0.09%	0.14%	0.09%	0.09%	0.14%

1. Massachusetts data not included in "19 States" summary statistics for Dieldrin.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Dieldrin is 0.002 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.10.a SDWIS/FED (Round 2) Data- 3-Hydroxycarbofuran Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	25	24	1	0.00%	0.00%	0.00%				< 5.00
AK	28	21	7	0.00%	0.00%	0.00%				< 0.00
AL										
AR	527	431	96	0.00%	0.00%	0.00%				< 0.00
AZ										
CA										
CO	749	538	211	0.40%	0.19%	0.95%				< 0.00
CT	74	38	36	0.00%	0.00%	0.00%				< 0.00
IN										
KY	33	18	15	0.00%	0.00%	0.00%				< 2.00
LA	1,363	1,295	68	0.00%	0.00%	0.00%				< 0.49
MA	56	29	27	16.07%	17.24%	14.81%				2.20
MD	174	142	32	0.00%	0.00%	0.00%				< 4.00
ME										
MI	2,633	2,553	80	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 3-Hydroxycarbofuran.			< 0.00
MN	1,270	1,240	30	0.00%	0.00%	0.00%				< 0.00
MO	374	276	98	0.80%	0.00%	3.06%				< 1.00
MS	11	10	1	0.00%	0.00%	0.00%				< 0.00
NC	523	478	45	0.19%	0.00%	2.22%				< 0.00
ND	296	258	38	0.00%	0.00%	0.00%				< 0.50
NH	591	558	33	0.00%	0.00%	0.00%				< 0.00
NJ										
NM	715	686	29	0.14%	0.00%	3.45%				< 5.00
OH	1,175	1,024	151	0.00%	0.00%	0.00%				< 10.00
OK	128	100	28	0.00%	0.00%	0.00%				< 0.00
OR	1,150	997	153	0.09%	0.10%	0.00%				< 0.00
PA	583	383	200	8.06%	2.35%	19.00%				4.00
RI	29	20	9	0.00%	0.00%	0.00%				< 1.00
SC	952	852	100	0.00%	0.00%	0.00%				< 0.00
SD										
TN	8	2	6	0.00%	0.00%	0.00%				< 0.00
TX	1,923	1,473	450	0.00%	0.00%	0.00%				< 5.00
VT	432	378	54	0.00%	0.00%	0.00%				< 0.59
WA	326	275	51	0.00%	0.00%	0.00%				< 0.20
WI										
TOTAL	16,148	14,099	2,049	0.40%	0.11%	2.39%				< 10.00
20 STATES	12,700	11,117	1,583	0.14%	0.06%	0.69%				< 10.00
19 STATES[1]	12,644	11,088	1,556	0.07%	0.02%	0.45%				< 10.00

1. Massachusetts data not included in "19 States" summary statistics for 3-Hydroxycarbofuran.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.10.b SDWIS/FED (Round 2) Data- 3-Hydroxycarbofuran Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	25	34	33	1	0.00%	0.00%	0.00%	< 0.80	< 5.00	< 5.00		
AK	28	58	46	12	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL												
AR	527	1,762	1,494	268	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AZ												
CA												
CO	749	2,215	1,360	855	0.14%	0.07%	0.23%	< 0.00	< 0.00	66.30	1.00	8.50
CT	74	335	130	205	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN												
KY	33	131	69	62	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
LA	1,363	3,333	3,152	181	0.00%	0.00%	0.00%	< 0.49	< 0.49	< 0.49		
MA	56	188	77	111	12.77%	16.88%	9.91%	< 0.20	2.20	2.20	2.20	2.20
MD	174	456	330	126	0.00%	0.00%	0.00%	< 0.40	< 4.00	< 5.00		
ME												
MI	2,633	4,004	3,713	291	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,270	5,910	5,678	232	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MO	374	1,035	404	631	0.29%	0.00%	0.48%	< 1.00	< 1.00	1.12	1.00	1.09
MS	11	28	24	4	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NC	523	765	709	56	0.13%	0.00%	1.79%	< 0.00	< 0.00	1.50	1.50	1.50
ND	296	383	316	67	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH	591	612	577	35	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ												
NM	715	4,134	3,951	183	0.02%	0.00%	0.55%	< 0.00	< 5.00	12.00	12.00	12.00
OH	1,175	1,939	1,700	239	0.00%	0.00%	0.00%	< 0.50	< 10.00	< 10.00		
OK	128	165	133	32	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	1,150	2,680	2,102	578	0.04%	0.05%	0.00%	< 0.00	< 0.00	1.50	1.50	1.50
PA	583	2,659	1,407	1,252	3.95%	0.92%	7.35%	< 0.00	4.00	1100.00	0.20	1.00
RI	29	166	90	76	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	952	5,711	4,661	1,050	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
SD												
TN	8	47	16	31	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	1,923	4,892	2,608	2,284	0.00%	0.00%	0.00%	< 5.00	< 5.00	< 5.00		
VT	432	740	576	164	0.00%	0.00%	0.00%	< 0.00	< 0.59	< 2.00		
WA	326	727	570	157	0.00%	0.00%	0.00%	< 0.00	< 0.20	< 0.20		
WI												
TOTAL	16,148	45,109	35,926	9,183	0.31%	0.08%	1.20%	< 0.00	< 10.00	1100.00	0.20	2.00
20 STATES	12,700	32,222	25,927	6,295	0.10%	0.06%	0.29%	< 0.00	< 10.00	66.30	1.00	2.20
19 STATES[1]	12,644	32,034	25,850	6,184	0.03%	0.01%	0.11%	< 0.00	< 10.00	66.30	1.00	1.50

1. Massachusetts data not included in "19 States" summary statistics for 3-Hydroxycarbofuran.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.10.c SDWIS/FED (Round 2) Data- 3-Hydroxycarbofuran Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	34	25	24	1	0.00%	0.00%	0.00%						
AK	58	28	21	7	0.00%	0.00%	0.00%						
AL													
AR	1,762	527	431	96	0.00%	0.00%	0.00%						
AZ													
CA													
CO	2,215	749	538	211	0.40%	0.19%	0.95%						
CT	335	74	38	36	0.00%	0.00%	0.00%						
IN													
KY	131	33	18	15	0.00%	0.00%	0.00%						
LA	3,333	1,363	1,295	68	0.00%	0.00%	0.00%						
MA	188	56	29	27	16.07%	17.24%	14.81%						
MD	456	174	142	32	0.00%	0.00%	0.00%						
ME													
MI	4,004	2,633	2,553	80	0.00%	0.00%	0.00%						
MN	5,910	1,270	1,240	30	0.00%	0.00%	0.00%						
MO	1,035	374	276	98	0.80%	0.00%	3.06%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 3-Hydroxycarbofuran.					
MS	28	11	10	1	0.00%	0.00%	0.00%						
NC	765	523	478	45	0.19%	0.00%	2.22%						
ND	383	296	258	38	0.00%	0.00%	0.00%						
NH	612	591	558	33	0.00%	0.00%	0.00%						
NJ													
NM	4,134	715	686	29	0.14%	0.00%	3.45%						
OH	1,939	1,175	1,024	151	0.00%	0.00%	0.00%						
OK	165	128	100	28	0.00%	0.00%	0.00%						
OR	2,680	1,150	997	153	0.09%	0.10%	0.00%						
PA	2,659	583	383	200	8.06%	2.35%	19.00%						
RI	166	29	20	9	0.00%	0.00%	0.00%						
SC	5,711	952	852	100	0.00%	0.00%	0.00%						
SD													
TN	47	8	2	6	0.00%	0.00%	0.00%						
TX	4,892	1,923	1,473	450	0.00%	0.00%	0.00%						
VT	740	432	378	54	0.00%	0.00%	0.00%						
WA	727	326	275	51	0.00%	0.00%	0.00%						
WI													
TOTAL	45,109	16,148	14,099	2,049	0.40%	0.11%	2.39%						
20 STATES	32,222	12,700	11,117	1,583	0.14%	0.06%	0.69%						
19 STATES[1]	32,034	12,644	11,088	1,556	0.07%	0.02%	0.45%						

1. Massachusetts data not included in "19 States" summary statistics for 3-Hydroxycarbofuran.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.11.a SDWIS/FED (Round 2) Data- Methomyl Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
Tribes (06)	25	24	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
AK	29	22	7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL	1	1	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.40
AR	527	431	96	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AZ										
CA										
CO	747	536	211	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
CT	74	38	36	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN										
KY	33	18	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
LA										
MA	55	28	27	16.36%	17.86%	14.81%	0.00%	0.00%	0.00%	1.65
MD	175	142	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
ME										
MI	2,633	2,553	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,270	1,240	30	0.08%	0.08%	0.00%	0.00%	0.00%	0.00%	< 0.00
MO	374	276	98	0.53%	0.00%	2.04%	0.00%	0.00%	0.00%	< 1.00
MS	11	10	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NC	480	455	25	0.63%	0.66%	0.00%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NH	590	557	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NJ										
NM	717	688	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
OH	1,187	1,036	151	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 50.00
OK	128	100	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	1,151	998	153	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA	481	338	143	5.61%	0.89%	16.78%	0.21%	0.30%	0.00%	2.00
RI	33	24	9	3.03%	0.00%	11.11%	0.00%	0.00%	0.00%	< 1.00
SC	952	852	100	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
SD										
TN	7	2	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	1,907	1,458	449	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
VT	432	378	54	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
WA	327	276	51	0.61%	0.72%	0.00%	0.00%	0.00%	0.00%	< 0.10
WI										
TOTAL	14,642	12,739	1,903	0.31%	0.12%	1.63%	0.01%	0.01%	0.00%	< 50.00
20 STATES	12,659	11,096	1,563	0.14%	0.10%	0.45%	0.00%	0.00%	0.00%	< 50.00
19 STATES[1]	12,604	11,068	1,536	0.07%	0.05%	0.20%	0.00%	0.00%	0.00%	< 50.00

1. Massachusetts data not included in "19 States" summary statistics for Methomyl.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Methomyl is 200 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.11.b SDWIS/FED (Round 2) Data- Methomyl Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	25	34	33	1	0.00%	0.00%	0.00%	< 0.20	< 5.00	< 5.00		
AK	29	58	46	12	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL	1	1	1		100.00%	100.00%	0.00%	2.40	2.40	2.40	2.40	2.40
AR	527	1,762	1,494	268	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AZ												
CA												
CO	747	2,221	1,362	859	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
CT	74	341	130	211	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN												
KY	33	137	70	67	0.00%	0.00%	0.00%	< 0.05	< 2.00	< 2.00		
LA												
MA	55	179	72	107	13.41%	18.06%	10.28%	< 0.20	1.65	1.65	1.00	1.65
MD	175	464	330	134	0.00%	0.00%	0.00%	< 0.50	< 2.00	< 5.00		
ME												
MI	2,633	4,004	3,713	291	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,270	5,910	5,678	232	0.02%	0.02%	0.00%	< 0.00	< 0.00	1.10	1.10	1.10
MO	374	1,039	404	635	0.19%	0.00%	0.31%	< 0.29	< 1.00	1.00	0.29	0.65
MS	11	28	24	4	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NC	480	711	675	36	0.42%	0.44%	0.00%	< 0.00	< 0.00	3.00	1.60	2.90
ND	296	383	316	67	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH	590	611	576	35	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ												
NM	717	4,141	3,958	183	0.00%	0.00%	0.00%	< 0.00	< 5.00	< 11.00		
OH	1,187	1,959	1,718	241	0.00%	0.00%	0.00%	< 0.05	< 50.00	< 50.00		
OK	128	165	133	32	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	1,151	2,667	2,090	577	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA	481	1,931	1,203	728	2.54%	0.25%	6.32%	< 0.00	2.00	1000.00	0.40	2.00
RI	33	172	96	76	0.58%	0.00%	1.32%	< 0.00	< 1.00	0.37	0.37	0.37
SC	952	5,707	4,657	1,050	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
SD												
TN	7	46	16	30	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	1,907	4,849	2,570	2,279	0.00%	0.00%	0.00%	< 2.00	< 2.00	< 2.00		
VT	432	738	576	162	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 1.00		
WA	327	724	570	154	0.28%	0.35%	0.00%	< 0.00	< 0.10	0.20	0.10	0.15
WI												
TOTAL	14,642	40,982	32,511	8,471	0.20%	0.07%	0.71%	< 0.00	< 50.00	1000.00	0.10	1.65
20 STATES	12,659	32,156	25,871	6,285	0.10%	0.07%	0.22%	< 0.00	< 50.00	3.00	0.10	1.65
19 STATES[1]	12,604	31,977	25,799	6,178	0.03%	0.02%	0.05%	< 0.00	< 50.00	3.00	0.10	1.00

1. Massachusetts data not included in "19 States" summary statistics for Methomyl.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.11.c SDWIS/FED (Round 2) Data- Methomyl Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
Tribes (06)	34	25	24	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	58	29	22	7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	1	1	1	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR	1,762	527	431	96	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ													
CA													
CO	2,221	747	536	211	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	341	74	38	36	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN													
KY	137	33	18	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA													
MA	179	55	28	27	16.36%	17.86%	14.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	464	175	142	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME													
MI	4,004	2,633	2,553	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	5,910	1,270	1,240	30	0.08%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	1,039	374	276	98	0.53%	0.00%	2.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	28	11	10	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	711	480	455	25	0.63%	0.66%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	383	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	611	590	557	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ													
NM	4,141	717	688	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	1,959	1,187	1,036	151	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	165	128	100	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,667	1,151	998	153	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA	1,931	481	338	143	5.61%	0.89%	16.78%	0.21%	0.30%	0.00%	0.21%	0.30%	0.00%
RI	172	33	24	9	3.03%	0.00%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	5,707	952	852	100	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	46	7	2	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	4,849	1,907	1,458	449	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	738	432	378	54	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	724	327	276	51	0.61%	0.72%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI													
TOTAL	40,982	14,642	12,739	1,903	0.31%	0.12%	1.63%	0.01%	0.01%	0.00%	0.01%	0.01%	0.00%
20 STATES	32,156	12,659	11,096	1,563	0.14%	0.10%	0.45%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19 STATES[1]	31,977	12,604	11,068	1,536	0.07%	0.05%	0.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

1. Massachusetts data not included in "19 States" summary statistics for Methomyl.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Methomyl is 200 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.12.a SDWIS/FED (Round 2) Data- Metolachlor Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	1	1		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.07
AK	17	14	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL										
AR	536	431	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AZ										
CA										
CO	750	538	212	0.13%	0.00%	0.47%	0.00%	0.00%	0.00%	< 0.00
CT	70	35	35	1.43%	2.86%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN										
KY	38	18	20	13.16%	0.00%	25.00%	0.00%	0.00%	0.00%	0.33
LA										
MA	54	27	27	14.81%	14.81%	14.81%	0.00%	0.00%	0.00%	0.33
MD	683	626	57	0.29%	0.16%	1.75%	0.00%	0.00%	0.00%	< 2.00
ME										
MI	2,650	2,570	80	0.19%	0.00%	6.25%	0.00%	0.00%	0.00%	< 0.00
MN	1,264	1,234	30	0.40%	0.32%	3.33%	0.00%	0.00%	0.00%	< 0.00
MO	538	437	101	4.28%	0.00%	22.77%	0.00%	0.00%	0.00%	0.91
MS										
NC	495	470	25	0.20%	0.21%	0.00%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.07
NH	592	559	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NJ										
NM	716	687	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
OH	2,202	2,021	181	1.00%	0.05%	11.60%	0.00%	0.00%	0.00%	< 5.00
OK	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	1,135	984	151	0.09%	0.10%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA	459	313	146	11.98%	8.63%	19.18%	0.00%	0.00%	0.00%	3.00
RI	15	6	9	20.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.61
SC	940	842	98	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
SD										
TN	10	2	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	426	121	305	9.39%	1.65%	12.46%	0.00%	0.00%	0.00%	0.67
VT	391	339	52	0.26%	0.29%	0.00%	0.00%	0.00%	0.00%	< 0.00
WA	599	529	70	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
WI										
TOTAL	14,878	13,062	1,816	1.16%	0.35%	6.99%	0.00%	0.00%	0.00%	< 5.00
20 STATES	13,007	11,530	1,477	0.89%	0.15%	6.70%	0.00%	0.00%	0.00%	< 5.00
19 STATES[1]	12,953	11,503	1,450	0.83%	0.11%	6.55%	0.00%	0.00%	0.00%	< 5.00

1. Massachusetts data not included in "19 States" summary statistics for Metolachlor.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Metolachlor is 70 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.12.b SDWIS/FED (Round 2) Data- Metolachlor Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	1	3	3	0	0.00%	0.00%	0.00%	< 0.07	< 0.07	< 0.07		
AK	17	23	19	4	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL												
AR	536	1,610	1,225	385	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AZ												
CA												
CO	750	2,230	1,365	865	0.04%	0.00%	0.12%	< 0.00	< 0.00	0.60	0.60	0.60
CT	70	317	116	201	0.63%	1.72%	0.00%	< 0.00	< 0.00	4.40	0.59	2.50
IN												
KY	38	156	65	91	7.69%	0.00%	13.19%	< 0.01	0.33	0.70	0.01	0.15
LA												
MA	54	182	72	110	8.79%	15.28%	4.55%	< 0.20	0.33	0.33	0.33	0.33
MD	683	1,135	913	222	0.18%	0.11%	0.45%	< 0.05	< 2.00	1.58	1.07	1.33
ME												
MI	2,650	4,162	3,780	382	0.17%	0.00%	1.83%	< 0.00	< 0.00	6.00	1.00	2.00
MN	1,264	5,985	5,706	279	0.37%	0.33%	1.08%	< 0.00	< 0.00	2.00	0.50	0.80
MO	538	1,798	780	1,018	2.34%	0.00%	4.13%	< 0.50	0.91	13.80	0.50	0.84
MS												
NC	495	730	694	36	0.14%	0.14%	0.00%	< 0.00	< 0.00	0.70	0.70	0.70
ND	296	384	317	67	0.00%	0.00%	0.00%	< 0.00	< 0.07	< 0.07		
NH	592	612	577	35	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ												
NM	716	4,288	4,094	194	0.00%	0.00%	0.00%	< 0.03	< 0.20	< 0.20		
OH	2,202	5,386	4,901	485	0.48%	0.02%	5.15%	< 0.01	< 5.00	10.10	0.20	1.20
OK	1	1	0	1	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	1,135	2,528	1,972	556	0.04%	0.05%	0.00%	< 0.00	< 0.00	1.00	1.00	1.00
PA	459	2,008	1,156	852	7.32%	6.49%	8.45%	< 0.00	3.00	40.00	0.10	1.00
RI	15	188	82	106	3.72%	8.54%	0.00%	< 0.00	0.61	0.75	0.17	0.33
SC	940	5,692	4,699	993	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
SD												
TN	10	50	16	34	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	426	1,545	194	1,351	4.79%	2.58%	5.11%	< 0.10	0.67	7.10	0.10	0.30
VT	391	612	483	129	0.16%	0.21%	0.00%	< 0.00	< 0.00	0.10	0.10	0.10
WA	599	1,169	967	202	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WI												
TOTAL	14,878	42,794	34,196	8,598	0.84%	0.36%	2.76%	< 0.00	< 5.00	40.00	0.01	1.00
20 STATES	13,007	34,112	27,723	6,389	0.62%	0.17%	2.58%	< 0.00	< 5.00	13.80	0.01	0.57
19 STATES[1]	12,953	33,930	27,651	6,279	0.57%	0.13%	2.55%	< 0.00	< 5.00	13.80	0.01	0.61

1. Massachusetts data not included in "19 States" summary statistics for Metolachlor.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.12.c SDWIS/FED (Round 2) Data- Metolachlor Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	3	1	1		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	23	17	14	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL													
AR	1,610	536	431	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ													
CA													
CO	2,230	750	538	212	0.13%	0.00%	0.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	317	70	35	35	1.43%	2.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN													
KY	156	38	18	20	13.16%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA													
MA	182	54	27	27	14.81%	14.81%	14.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,135	683	626	57	0.29%	0.16%	1.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME													
MI	4,162	2,650	2,570	80	0.19%	0.00%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	5,985	1,264	1,234	30	0.40%	0.32%	3.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	1,798	538	437	101	4.28%	0.00%	22.77%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
NC	730	495	470	25	0.20%	0.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	384	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	612	592	559	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ													
NM	4,288	716	687	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	5,386	2,202	2,021	181	1.00%	0.05%	11.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	1	1	0	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,528	1,135	984	151	0.09%	0.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA	2,008	459	313	146	11.98%	8.63%	19.18%	0.22%	0.32%	0.00%	0.00%	0.00%	0.00%
RI	188	15	6	9	20.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	5,692	940	842	98	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	50	10	2	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	1,545	426	121	305	9.39%	1.65%	12.46%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	612	391	339	52	0.26%	0.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	1,169	599	529	70	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI													
TOTAL	42,794	14,878	13,062	1,816	1.16%	0.35%	6.99%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%
20 STATES	34,112	13,007	11,530	1,477	0.89%	0.15%	6.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19 STATES[1]	33,930	12,953	11,503	1,450	0.83%	0.11%	6.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

1. Massachusetts data not included in "19 States" summary statistics for Metolachlor.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Metolachlor is 70 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.13.a SDWIS/FED (Round 2) Data- Metribuzin Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	1	1	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.09
AK	20	17	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL										
AR	536	431	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AZ										
CA										
CO	750	538	212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
CT	69	35	34	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN										
KY	418	204	214	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 10.00
LA										
MA	56	29	27	14.29%	13.79%	14.81%	0.00%	0.00%	0.00%	2.00
MD	684	627	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
ME										
MI	2,650	2,570	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,264	1,234	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MO	538	437	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MS										
NC	623	567	56	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.02
NH	557	524	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NJ										
NM	715	686	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.60
OH	2,178	2,017	161	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
OK	107	82	25	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	1,135	984	151	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA	358	231	127	9.50%	5.63%	16.54%	0.00%	0.00%	0.00%	3.00
RI	15	6	9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.53
SC	940	842	98	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
SD										
TN	7	2	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	426	121	305	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
VT	390	338	52	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
WA	600	530	70	0.17%	0.19%	0.00%	0.00%	0.00%	0.00%	< 0.00
WI										
TOTAL	15,333	13,311	2,022	0.28%	0.14%	1.24%	0.00%	0.00%	0.00%	< 2.00
20 STATES	13,568	11,862	1,706	0.07%	0.04%	0.23%	0.00%	0.00%	0.00%	< 2.00
19 STATES[1]	13,512	11,833	1,679	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	< 2.00

1. Massachusetts data not included in "19 States" summary statistics for Metribuzin.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Metribuzin is 91 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.13.b SDWIS/FED (Round 2) Data- Metribuzin Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	1	3	3	0	0.00%	0.00%	0.00%	< 0.09	< 0.09	< 0.09		
AK	20	26	22	4	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL												
AR	536	1,610	1,225	385	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AZ												
CA												
CO	750	2,229	1,366	863	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
CT	69	314	113	201	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN												
KY	418	1,945	867	1,078	0.00%	0.00%	0.00%	< 0.04	< 10.00	< 1010.00		
LA												
MA	56	187	76	111	8.02%	14.47%	3.60%	< 0.15	2.00	2.00	1.10	1.10
MD	684	1,101	895	206	0.00%	0.00%	0.00%	< 0.05	< 0.30	< 50.00		
ME												
MI	2,650	4,162	3,780	382	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,264	5,985	5,706	279	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MO	538	1,798	780	1,018	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MS												
NC	623	872	804	68	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
ND	296	383	316	67	0.00%	0.00%	0.00%	< 0.00	< 0.02	< 0.02		
NH	557	576	541	35	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ												
NM	715	4,288	4,094	194	0.00%	0.00%	0.00%	< 0.03	< 0.60	< 1.00		
OH	2,178	4,039	3,762	277	0.00%	0.00%	0.00%	< 0.02	< 2.00	< 4.00		
OK	107	129	100	29	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	1,135	2,529	1,972	557	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA	358	1,488	744	744	5.65%	4.17%	7.12%	< 0.00	3.00	3.00	0.10	1.00
RI	15	188	82	106	0.00%	0.00%	0.00%	< 0.00	< 0.53	< 0.53		
SC	940	5,703	4,708	995	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
SD												
TN	7	46	16	30	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	426	1,481	192	1,289	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
VT	390	608	481	127	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.44		
WA	600	1,166	964	202	0.09%	0.10%	0.00%	< 0.00	< 0.00	0.10	0.10	0.10
WI												
TOTAL	15,333	42,856	33,609	9,247	0.23%	0.13%	0.62%	< 0.00	< 2.00	3.00	0.10	1.00
20 STATES	13,568	34,694	27,544	7,150	0.05%	0.04%	0.06%	< 0.00	< 2.00	2.00	0.10	1.10
19 STATES[1]	13,512	34,507	27,468	7,039	0.00%	0.00%	0.00%	< 0.00	< 2.00	0.10	0.10	0.10

1. Massachusetts data not included in "19 States" summary statistics for Metribuzin.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.13.c SDWIS/FED (Round 2) Data- Metribuzin Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	3	1	1	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	26	20	17	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL													
AR	1,610	536	431	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ													
CA													
CO	2,229	750	538	212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	314	69	35	34	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN													
KY	1,945	418	204	214	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA													
MA	187	56	29	27	14.29%	13.79%	14.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,101	684	627	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME													
MI	4,162	2,650	2,570	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	5,985	1,264	1,234	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	1,798	538	437	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
NC	872	623	567	56	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	383	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	576	557	524	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ													
NM	4,288	715	686	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	4,039	2,178	2,017	161	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	129	107	82	25	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,529	1,135	984	151	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA	1,488	358	231	127	9.50%	5.63%	16.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
RI	188	15	6	9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	5,703	940	842	98	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	46	7	2	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	1,481	426	121	305	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	608	390	338	52	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	1,166	600	530	70	0.17%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI													
TOTAL	42,856	15,333	13,311	2,022	0.28%	0.14%	1.24%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
20 STATES	34,694	13,568	11,862	1,706	0.07%	0.04%	0.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19 STATES	34,507	13,512	11,833	1,679	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

1. Massachusetts data not included in "19 States" summary statistics for Metribuzin.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Metribuzin is 91 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.14.a SDWIS/FED (Round 2) Data- Propachlor Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
Tribes (06)	1	1	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.06
AK	10	9	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL										
AR	536	431	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AZ										
CA										
CO	750	538	212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
CT	70	35	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN										
KY	33	13	20	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
LA	1,363	1,295	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.61
MA	53	26	27	9.43%	11.54%	7.41%	0.00%	0.00%	0.00%	2.00
MD	685	628	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
ME										
MI	2,650	2,570	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,264	1,234	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MO	538	437	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MS										
NC	535	489	46	0.75%	0.20%	6.52%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.04
NH	596	563	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NJ										
NM	708	680	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.60
OH	1,216	1,064	152	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 10.00
OK	48	36	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	1,146	994	152	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA	304	186	118	7.89%	2.15%	16.95%	0.33%	0.00%	0.85%	3.00
RI	15	6	9	6.67%	0.00%	11.11%	0.00%	0.00%	0.00%	< 0.07
SC	941	843	98	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
SD										
TN	7	2	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	426	121	305	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
VT	389	337	52	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
WA	598	529	69	0.17%	0.19%	0.00%	0.00%	0.00%	0.00%	< 0.00
WI										
TOTAL	15,178	13,325	1,853	0.23%	0.07%	1.40%	0.01%	0.00%	0.05%	< 4.00
20 STATES	12,103	10,626	1,477	0.09%	0.05%	0.41%	0.00%	0.00%	0.00%	< 5.00
19 STATES[1]	12,050	10,600	1,450	0.05%	0.02%	0.28%	0.00%	0.00%	0.00%	< 5.00

1. Massachusetts data not included in "19 States" summary statistics for Propachlor.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Propachlor is 90 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.14.b SDWIS/FED (Round 2) Data- Propachlor Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	1	3	3	0	0.00%	0.00%	0.00%	< 0.06	< 0.06	< 0.06		
AK	10	10	9	1	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL												
AR	536	1,610	1,225	385	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AZ												
CA												
CO	750	2,231	1,366	865	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
CT	70	315	112	203	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN												
KY	33	141	40	101	0.00%	0.00%	0.00%	< 0.04	< 2.00	< 2.00		
LA	1,363	3,333	3,152	181	0.00%	0.00%	0.00%	< 0.61	< 0.61	< 0.61		
MA	53	159	57	102	6.92%	15.79%	1.96%	< 0.20	2.00	2.00	1.00	2.00
MD	685	1,108	902	206	0.00%	0.00%	0.00%	< 0.05	< 1.00	< 50.00		
ME												
MI	2,650	4,162	3,780	382	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,264	5,985	5,706	279	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MO	538	1,798	780	1,018	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MS												
NC	535	778	720	58	0.64%	0.28%	5.17%	< 0.00	< 0.00	0.30	0.10	0.10
ND	296	383	316	67	0.00%	0.00%	0.00%	< 0.00	< 0.04	< 0.04		
NH	596	616	581	35	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ												
NM	708	4,139	3,956	183	0.00%	0.00%	0.00%	< 0.02	< 0.60	< 3.00		
OH	1,216	2,075	1,823	252	0.00%	0.00%	0.00%	< 0.05	< 10.00	< 20.00		
OK	48	52	40	12	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	1,146	2,645	2,077	568	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA	304	1,099	490	609	4.46%	0.82%	7.39%	< 0.00	3.00	201000.00	0.10	1.00
RI	15	188	81	107	0.53%	0.00%	0.93%	< 0.00	< 0.07	< 0.11	0.11	0.11
SC	941	5,731	4,737	994	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.01		
SD												
TN	7	46	16	30	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	426	1,475	190	1,285	0.00%	0.00%	0.00%	< 0.20	< 0.20	< 0.20		
VT	389	612	480	132	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.50		
WA	598	1,163	961	202	0.09%	0.10%	0.00%	< 0.00	< 0.00	2.50	2.50	2.50
WI												
TOTAL	15,178	41,857	33,600	8,257	0.16%	0.05%	0.62%	< 0.00	< 4.00	201000.00	0.10	1.00
20 STATES	12,103	30,718	24,610	6,108	0.06%	0.05%	0.10%	< 0.00	< 5.00	2.50	0.10	1.00
19 STATES[1]	12,050	30,559	24,553	6,006	0.02%	0.01%	0.07%	< 0.00	< 5.00	2.50	0.10	0.11

1. Massachusetts data not included in "19 States" summary statistics for Propachlor.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.14.c SDWIS/FED (Round 2) Data- Propachlor Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
Tribes (06)	3	1	1	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	10	10	9	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL													
AR	1,610	536	431	105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ													
CA													
CO	2,231	750	538	212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	315	70	35	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN													
KY	141	33	13	20	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	3,333	1,363	1,295	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	159	53	26	27	9.43%	11.54%	7.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	1,108	685	628	57	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME													
MI	4,162	2,650	2,570	80	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	5,985	1,264	1,234	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	1,798	538	437	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
NC	778	535	489	46	0.75%	0.20%	6.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	383	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	616	596	563	33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ													
NM	4,139	708	680	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	2,075	1,216	1,064	152	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	52	48	36	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,645	1,146	994	152	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA	1,099	304	186	118	7.89%	2.15%	16.95%	0.33%	0.00%	0.85%	0.33%	0.00%	0.85%
RI	188	15	6	9	6.67%	0.00%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	5,731	941	843	98	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD													
TN	46	7	2	5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	1,475	426	121	305	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	612	389	337	52	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	1,163	598	529	69	0.17%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI													
TOTAL	41,857	15,178	13,325	1,853	0.23%	0.07%	1.40%	0.01%	0.00%	0.05%	0.01%	0.00%	0.05%
20 STATES	30,718	12,103	10,626	1,477	0.09%	0.05%	0.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19 STATES[1]	30,559	12,050	10,600	1,450	0.05%	0.02%	0.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

1. Massachusetts data not included in "19 States" summary statistics for Propachlor.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Propachlor is 90 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.15.a SDWIS/FED (Round 2) Data- Bromobenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%				< 1.00
AK	625	481	144	0.32%	0.21%	0.69%				< 0.00
AL										
AR	407	319	88	0.00%	0.00%	0.00%				< 0.08
AZ	121	106	15	0.00%	0.00%	0.00%				< 1.00
CA	14	11	3	0.00%	0.00%	0.00%				< 0.50
CO	831	619	212	0.24%	0.32%	0.00%				< 0.00
CT	86	44	42	0.00%	0.00%	0.00%				< 0.00
IN	117	107	10	0.00%	0.00%	0.00%				< 2.00
KY	431	207	224	0.23%	0.48%	0.00%				< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%				< 0.50
MA	418	344	74	0.00%	0.00%	0.00%				< 0.50
MD	976	920	56	0.10%	0.11%	0.00%				< 0.50
ME	744	676	68	0.00%	0.00%	0.00%				< 0.00
MI	2,735	2,644	91	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Bromobenzene.			< 0.00
MN	1,558	1,528	30	0.19%	0.13%	3.33%				< 0.20
MO	1,413	1,297	116	0.07%	0.08%	0.00%				< 1.00
MS										
NC	1,785	1,592	193	0.56%	0.50%	1.04%				< 0.00
ND	296	258	38	0.00%	0.00%	0.00%				< 0.50
NH										
NJ	16	14	2	0.00%	0.00%	0.00%				< 1.00
NM	718	690	28	0.14%	0.14%	0.00%				< 1.00
OH	2,232	2,050	182	0.18%	0.15%	0.55%				< 0.50
OK	791	541	250	0.25%	0.37%	0.00%				< 0.00
OR	1,088	937	151	0.18%	0.21%	0.00%				< 0.00
PA										
RI	116	104	12	0.00%	0.00%	0.00%				< 1.00
SC	908	807	101	0.00%	0.00%	0.00%				< 0.50
SD										
TN	77	30	47	1.30%	3.33%	0.00%				< 0.00
TX	4,414	3,826	588	0.05%	0.03%	0.17%				< 1.00
VT	558	495	63	0.00%	0.00%	0.00%				< 0.00
WA	2,547	2,428	119	0.00%	0.00%	0.00%				< 0.00
WI	200	197	3	0.00%	0.00%	0.00%				< 4.00
TOTAL	27,554	24,534	3,020	0.12%	0.11%	0.20%				< 1.00
20 STATES	24,125	21,461	2,664	0.13%	0.12%	0.23%				< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.15.b SDWIS/FED (Round 2) Data- Bromobenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,562	2,625	937	0.06%	0.04%	0.11%	< 0.00	< 0.00	0.20	0.10	0.15
AL												
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.08	< 0.08		
AZ	121	245	173	72	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
CA	14	80	61	19	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,640	1,689	951	0.08%	0.12%	0.00%	< 0.00	< 0.00	0.19	0.05	0.12
CT	86	2,260	918	1,342	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN	117	209	193	16	0.00%	0.00%	0.00%	< 0.10	< 2.00	< 2.00		
KY	431	1,972	898	1,074	0.05%	0.11%	0.00%	< 0.00	< 2.50	0.68	0.68	0.68
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,821	1,370	451	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
MD	976	4,860	4,310	550	0.02%	0.02%	0.00%	< 0.10	< 0.50	0.10	0.10	0.10
ME	744	3,562	3,158	404	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,735	6,966	6,142	824	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,558	6,864	6,678	186	0.04%	0.03%	0.54%	< 0.00	< 0.20	2.10	0.60	0.70
MO	1,413	3,773	3,275	498	0.03%	0.03%	0.00%	< 0.00	< 1.00	0.40	0.40	0.40
MS												
NC	1,785	3,392	2,905	487	0.35%	0.34%	0.41%	< 0.00	< 0.00	4.20	0.50	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH												
NJ	16	19	16	3	0.00%	0.00%	0.00%	< 0.10	< 1.00	< 1.00		
NM	718	4,817	4,599	218	0.06%	0.07%	0.00%	< 0.50	< 1.00	1.50	0.53	0.80
OH	2,232	17,789	16,433	1,356	0.02%	0.02%	0.07%	< 0.50	< 0.50	4.69	0.50	0.60
OK	791	4,734	3,490	1,244	0.04%	0.06%	0.00%	< 0.00	< 0.00	0.80	0.50	0.65
OR	1,088	2,702	2,120	582	0.07%	0.09%	0.00%	< 0.00	< 0.00	3.00	0.80	1.90
PA												
RI	116	426	341	85	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	908	3,988	3,427	561	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
SD												
TN	77	532	191	341	0.19%	0.52%	0.00%	< 0.00	< 0.00	0.50	0.50	0.50
TX	4,414	16,864	12,203	4,661	0.01%	0.01%	0.02%	< 1.00	< 1.00	2.00	1.60	1.80
VT	558	1,803	1,598	205	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.50		
WA	2,547	9,551	8,666	885	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WI	200	360	356	4	0.00%	0.00%	0.00%	< 0.00	< 4.00	< 4.00		
TOTAL	27,554	111,612	92,711	18,901	0.03%	0.03%	0.03%	< 0.00	< 1.00	4.69	0.05	0.50
20 STATES	24,125	98,029	82,296	15,733	0.04%	0.04%	0.04%	< 0.00	< 1.00	4.69	0.05	0.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.15.c SDWIS/FED (Round 2) Data- Bromobenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%						
AK	3,562	625	481	144	0.32%	0.21%	0.69%						
AL													
AR	1,352	407	319	88	0.00%	0.00%	0.00%						
AZ	245	121	106	15	0.00%	0.00%	0.00%						
CA	80	14	11	3	0.00%	0.00%	0.00%						
CO	2,640	831	619	212	0.24%	0.32%	0.00%						
CT	2,260	86	44	42	0.00%	0.00%	0.00%						
IN	209	117	107	10	0.00%	0.00%	0.00%						
KY	1,972	431	207	224	0.23%	0.48%	0.00%						
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%						
MA	1,821	418	344	74	0.00%	0.00%	0.00%						
MD	4,860	976	920	56	0.10%	0.11%	0.00%						
ME	3,562	744	676	68	0.00%	0.00%	0.00%						
MI	6,966	2,735	2,644	91	0.00%	0.00%	0.00%						
MN	6,864	1,558	1,528	30	0.19%	0.13%	3.33%						
MO	3,773	1,413	1,297	116	0.07%	0.08%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Bromobenzene.					
MS													
NC	3,392	1,785	1,592	193	0.56%	0.50%	1.04%						
ND	382	296	258	38	0.00%	0.00%	0.00%						
NH													
NJ	19	16	14	2	0.00%	0.00%	0.00%						
NM	4,817	718	690	28	0.14%	0.14%	0.00%						
OH	17,789	2,232	2,050	182	0.18%	0.15%	0.55%						
OK	4,734	791	541	250	0.25%	0.37%	0.00%						
OR	2,702	1,088	937	151	0.18%	0.21%	0.00%						
PA													
RI	426	116	104	12	0.00%	0.00%	0.00%						
SC	3,988	908	807	101	0.00%	0.00%	0.00%						
SD													
TN	532	77	30	47	1.30%	3.33%	0.00%						
TX	16,864	4,414	3,826	588	0.05%	0.03%	0.17%						
VT	1,803	558	495	63	0.00%	0.00%	0.00%						
WA	9,551	2,547	2,428	119	0.00%	0.00%	0.00%						
WI	360	200	197	3	0.00%	0.00%	0.00%						
TOTAL	111,612	27,554	24,534	3,020	0.12%	0.11%	0.20%						
20 STATES	98,029	24,125	21,461	2,664	0.13%	0.12%	0.23%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.16.a SDWIS/FED (Round 2) Data- Bromochloromethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
AK	625	481	144	2.24%	0.42%	8.33%	0.64%	0.83%	0.00%	< 0.00
AL										
AR	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.13
AZ	65	57	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	14	11	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
CO	831	619	212	0.84%	0.65%	1.42%	0.00%	0.00%	0.00%	< 0.00
CT	84	43	41	2.38%	0.00%	4.88%	0.00%	0.00%	0.00%	< 0.00
IN	117	107	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	365	185	180	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	418	344	74	0.72%	0.29%	2.70%	0.00%	0.00%	0.00%	< 0.50
MD	976	920	56	0.41%	0.33%	1.79%	0.00%	0.00%	0.00%	< 0.50
ME	744	676	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MI	2,735	2,644	91	0.11%	0.04%	2.20%	0.00%	0.00%	0.00%	< 0.00
MN	1,558	1,528	30	0.58%	0.46%	6.67%	0.00%	0.00%	0.00%	< 0.50
MO	1,412	1,297	115	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
MS	2	2		100.00%	100.00%		50.00%	0.00%		11.90
NC	1,778	1,587	191	0.79%	0.69%	1.57%	0.06%	0.00%	0.52%	< 0.00
ND	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NH										
NJ	7	7		0.00%	0.00%		0.00%	0.00%		< 1.00
NM	717	689	28	1.39%	1.16%	7.14%	0.00%	0.00%	0.00%	< 1.00
OH	2,232	2,050	182	0.76%	0.73%	1.10%	0.00%	0.00%	0.00%	< 0.50
OK	791	541	250	0.25%	0.18%	0.40%	0.00%	0.00%	0.00%	< 0.00
OR	17	15	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA										
RI	114	102	12	0.88%	0.98%	0.00%	0.00%	0.00%	0.00%	< 1.00
SC	237	216	21	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN										
TX	4,412	3,825	587	0.39%	0.18%	1.70%	0.05%	0.03%	0.17%	< 1.00
VT	2	1	1	50.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.60
WA	2,546	2,427	119	0.20%	0.21%	0.00%	0.00%	0.00%	0.00%	< 0.00
WI	191	188	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
TOTAL	25,052	22,420	2,632	0.44%	0.31%	1.60%	0.03%	0.02%	0.11%	< 1.00
20 STATES	22,974	20,507	2,467	0.46%	0.32%	1.62%	0.03%	0.02%	0.08%	< 1.00
19 STATES[1]	22,974	20,507	2,467	0.46%	0.32%	1.62%	0.03%	0.02%	0.08%	< 1.00

1. New Hampshire data not included in "19 States" summary statistics for Bromochloromethane.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Bromochloromethane is 10 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.16.b SDWIS/FED (Round 2) Data- Bromochloromethane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,532	2,591	941	0.42%	0.12%	1.28%	< 0.00	< 0.00	33.40	0.00	3.30
AL												
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.13	< 0.13		
AZ	65	128	108	20	0.00%	0.00%	0.00%	< 0.40	< 1.00	< 1.00		
CA	14	79	60	19	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,642	1,692	950	0.34%	0.35%	0.32%	< 0.00	< 0.00	4.40	0.20	0.60
CT	84	1,949	842	1,107	0.15%	0.00%	0.27%	< 0.00	< 0.00	3.10	2.50	2.80
IN	117	210	194	16	0.00%	0.00%	0.00%	< 0.11	< 2.00	< 2.00		
KY	365	1,565	749	816	0.00%	0.00%	0.00%	< 0.40	< 2.50	< 2.50		
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,821	1,369	452	0.22%	0.07%	0.66%	< 0.00	< 0.50	5.49	2.20	3.95
MD	976	4,857	4,306	551	0.16%	0.07%	0.91%	< 0.10	< 0.50	1.20	0.10	0.20
ME	744	3,554	3,144	410	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,735	6,970	6,146	824	0.04%	0.02%	0.24%	< 0.00	< 0.00	0.60	0.50	0.50
MN	1,558	6,864	6,678	186	0.13%	0.10%	1.08%	< 0.00	< 0.50	5.00	0.60	0.90
MO	1,412	3,780	3,284	496	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
MS	2	3	3	0	100.00%	100.00%	0.00%	8.50	11.90	11.90	8.50	9.00
NC	1,778	3,357	2,889	468	0.48%	0.45%	0.64%	< 0.00	< 0.00	20.00	0.50	0.50
ND	296	381	315	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH												
NJ	7	7	7	0	0.00%	0.00%	0.00%	< 0.32	< 1.00	< 1.00		
NM	717	4,281	4,079	202	0.23%	0.20%	0.99%	< 0.50	< 1.00	1.90	0.60	1.15
OH	2,232	17,789	16,433	1,356	0.10%	0.09%	0.15%	< 0.50	< 0.50	6.20	0.56	2.10
OK	791	4,734	3,490	1,244	0.04%	0.03%	0.08%	< 0.00	< 0.00	0.80	0.70	0.75
OR	17	20	18	2	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	114	426	340	86	0.23%	0.29%	0.00%	< 0.00	< 1.00	1.00	1.00	1.00
SC	237	425	385	40	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN		0										
TX	4,412	16,804	12,141	4,663	0.13%	0.07%	0.30%	< 0.70	< 1.00	27.90	0.70	1.90
VT	2	3	2	1	33.33%	50.00%	0.00%	< 0.50	0.60	0.60	0.60	0.60
WA	2,546	9,534	8,649	885	0.05%	0.06%	0.00%	< 0.00	< 0.00	0.20	0.10	0.10
WI	191	349	345	4	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
TOTAL	25,052	101,538	84,845	16,693	0.13%	0.09%	0.31%	< 0.00	< 1.00	33.40	0.00	1.10
20 STATES	22,974	94,263	79,391	14,872	0.13%	0.09%	0.33%	< 0.00	< 1.00	33.40	0.00	1.00
19 STATES[1]	22,974	94,263	79,391	14,872	0.13%	0.09%	0.33%	< 0.00	< 1.00	33.40	0.00	1.00

1. New Hampshire data not included in "19 States" summary statistics for Bromochloromethane.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.16.c SDWIS/FED (Round 2) Data- Bromochloromethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	3,532	625	481	144	2.24%	0.42%	8.33%	0.96%	1.25%	0.00%	0.64%	0.83%	0.00%
AL													
AR	1,352	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	128	65	57	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	79	14	11	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	2,642	831	619	212	0.84%	0.65%	1.42%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	1,949	84	43	41	2.38%	0.00%	4.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	210	117	107	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	1,565	365	185	180	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1,821	418	344	74	0.72%	0.29%	2.70%	0.24%	0.29%	0.00%	0.00%	0.00%	0.00%
MD	4,857	976	920	56	0.41%	0.33%	1.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	3,554	744	676	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	6,970	2,735	2,644	91	0.11%	0.04%	2.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	6,864	1,558	1,528	30	0.58%	0.46%	6.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	3,780	1,412	1,297	115	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	3	2	2	0	100.00%	100.00%	0.00%	100.00%	0.00%	0.00%	50.00%	0.00%	0.00%
NC	3,357	1,778	1,587	191	0.79%	0.69%	1.57%	0.06%	0.00%	0.52%	0.06%	0.00%	0.52%
ND	381	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH													
NJ	7	7	7	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	4,281	717	689	28	1.39%	1.16%	7.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	17,789	2,232	2,050	182	0.76%	0.73%	1.10%	0.13%	0.05%	1.10%	0.00%	0.00%	0.00%
OK	4,734	791	541	250	0.25%	0.18%	0.40%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	20	17	15	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA													
RI	426	114	102	12	0.88%	0.98%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	425	237	216	21	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	35	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN													
TX	16,804	4,412	3,825	587	0.39%	0.18%	1.70%	0.05%	0.03%	0.17%	0.05%	0.03%	0.17%
VT	3	2	1	1	50.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	9,534	2,546	2,427	119	0.20%	0.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI	349	191	188	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	101,538	25,052	22,420	2,632	0.44%	0.31%	1.60%	0.06%	0.04%	0.23%	0.03%	0.02%	0.11%
20 STATES	94,263	22,974	20,507	2,467	0.46%	0.32%	1.62%	0.06%	0.04%	0.16%	0.03%	0.02%	0.08%
19 STATES[1]	94,263	22,974	20,507	2,467	0.46%	0.32%	1.62%	0.06%	0.04%	0.16%	0.03%	0.02%	0.08%

1. New Hampshire data not included in "19 States" summary statistics for Bromochloromethane.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Bromochloromethane is 10 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.17.a SDWIS/FED (Round 2) Data- Bromodichloromethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	13.64%	9.52%	100.00%	0.00%	0.00%	0.00%	47.40
AK	625	481	144	35.20%	18.92%	89.58%	0.64%	0.21%	2.08%	26.00
AL	43	9	34	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	15.50
AR	402	315	87	57.46%	50.79%	81.61%	0.00%	0.00%	0.00%	14.50
AZ	123	107	16	11.38%	4.67%	56.25%	0.00%	0.00%	0.00%	37.00
CA	34	21	13	55.88%	52.38%	61.54%	0.00%	0.00%	0.00%	23.70
CO	830	618	212	55.90%	44.34%	89.62%	0.00%	0.00%	0.00%	14.00
CT	86	44	42	74.42%	59.09%	90.48%	0.00%	0.00%	0.00%	11.00
IN	120	110	10	22.50%	17.27%	80.00%	0.00%	0.00%	0.00%	18.00
KY	430	208	222	74.42%	57.69%	90.09%	0.70%	0.48%	0.90%	28.00
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.24
MA	443	355	88	25.73%	13.24%	76.14%	0.00%	0.00%	0.00%	12.00
MD	38	34	4	15.79%	8.82%	75.00%	0.00%	0.00%	0.00%	10.80
ME	744	676	68	17.88%	11.39%	82.35%	0.00%	0.00%	0.00%	5.50
MI	2,726	2,631	95	8.33%	5.66%	82.11%	0.07%	0.08%	0.00%	21.70
MN	1,558	1,528	30	19.00%	17.41%	100.00%	0.00%	0.00%	0.00%	5.80
MO	1,413	1,297	116	21.02%	14.80%	90.52%	0.07%	0.00%	0.86%	35.30
MS	165	162	3	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	32.40
NC	1,763	1,574	189	19.68%	12.64%	78.31%	0.06%	0.06%	0.00%	12.10
ND	296	258	38	51.01%	46.90%	78.95%	0.34%	0.39%	0.00%	45.20
NH	685	651	34	7.30%	3.99%	70.59%	0.00%	0.00%	0.00%	7.60
NJ	16	14	2	12.50%	0.00%	100.00%	0.00%	0.00%	0.00%	4.80
NM	715	687	28	11.33%	9.61%	53.57%	0.00%	0.00%	0.00%	2.10
OH	2,250	2,054	196	48.13%	43.57%	95.92%	0.09%	0.10%	0.00%	15.30
OK	791	541	250	67.13%	54.53%	94.40%	0.51%	0.37%	0.80%	30.60
OR	1,087	936	151	20.06%	10.68%	78.15%	0.00%	0.00%	0.00%	9.70
PA										
RI	102	90	12	2.94%	1.11%	16.67%	0.00%	0.00%	0.00%	< 1.00
SC	853	789	64	11.25%	9.63%	31.25%	0.00%	0.00%	0.00%	3.96
SD	27	19	8	48.15%	31.58%	87.50%	0.00%	0.00%	0.00%	18.40
TN	77	30	47	62.34%	33.33%	80.85%	0.00%	0.00%	0.00%	13.00
TX	4,412	3,825	587	0.16%	0.08%	0.68%	0.00%	0.00%	0.00%	< 0.50
VT	590	505	85	15.59%	8.12%	60.00%	0.51%	0.00%	3.53%	5.00
WA	2,548	2,393	155	18.13%	13.75%	85.81%	0.00%	0.00%	0.00%	1.10
WI	219	198	21	11.42%	3.03%	90.48%	0.00%	0.00%	0.00%	8.20
TOTAL	27,543	24,422	3,121	21.25%	15.51%	66.16%	0.08%	0.04%	0.35%	18.10
20 STATES	23,858	21,152	2,706	21.97%	16.14%	67.52%	0.08%	0.05%	0.30%	18.80

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Bromodichloromethane is 60 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.17.b SDWIS/FED (Round 2) Data- Bromodichloromethane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	9.38%	6.45%	0.00%	< 0.50	47.40	47.40	0.60	1.00
AK	625	3,635	2,616	1,019	25.58%	11.66%	61.33%	< 0.00	26.00	3739.00	0.00	2.72
AL	43	57	11	46	100.00%	100.00%	100.00%	< 0.60	15.50	15.50	0.60	4.50
AR	402	1,140	900	240	41.67%	34.33%	69.17%	< 0.00	14.50	28.90	0.50	2.40
AZ	123	293	181	112	16.72%	6.63%	33.04%	< 0.20	37.00	53.00	1.00	17.00
CA	34	114	81	33	28.07%	24.69%	36.36%	< 0.20	23.70	35.70	0.60	2.15
CO	830	2,646	1,692	954	43.65%	32.62%	63.21%	< 0.00	14.00	30.00	0.06	1.20
CT	86	3,230	1,085	2,145	29.63%	15.67%	36.69%	< 0.00	11.00	44.40	0.07	3.10
IN	120	214	198	16	18.69%	14.65%	68.75%	< 0.03	18.00	22.00	0.06	2.46
KY	430	1,969	901	1,068	65.72%	42.06%	85.67%	< 0.10	28.00	5000.00	0.20	5.70
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.24	< 0.24	< 0.24		
MA	443	2,020	1,423	597	17.67%	7.10%	42.88%	< 0.00	12.00	39.60	0.25	3.85
MD	38	44	38	6	18.18%	7.89%	83.33%	< 0.10	10.80	10.80	0.10	2.95
ME	744	3,859	3,291	568	7.75%	4.28%	27.82%	< 0.00	5.50	35.00	1.00	2.00
MI	2,726	8,046	6,325	1,721	27.70%	10.18%	92.10%	< 0.00	21.70	717.50	0.40	6.30
MN	1,558	6,862	6,677	185	11.88%	9.70%	90.27%	< 0.00	5.80	37.00	0.20	1.40
MO	1,413	5,453	3,296	2,157	43.10%	9.92%	93.79%	< 0.00	35.30	62.30	0.00	10.80
MS	165	456	426	30	100.00%	100.00%	100.00%	< 0.00	32.40	59.00	0.00	2.45
NC	1,763	3,321	2,861	460	18.91%	10.87%	68.91%	< 0.00	12.10	61.00	0.10	2.75
ND	296	555	455	100	62.70%	58.02%	84.00%	< 0.00	45.20	82.80	0.00	3.05
NH	685	976	896	80	9.32%	3.24%	77.50%	< 0.00	7.60	12.00	0.50	2.10
NJ	16	19	16	3	15.79%	0.00%	100.00%	< 0.14	4.80	4.80	0.58	0.63
NM	715	4,587	4,370	217	2.90%	2.33%	14.29%	< 0.10	2.10	39.00	0.10	1.40
OH	2,250	23,330	21,279	2,051	21.94%	17.90%	63.87%	< 0.08	15.30	80.00	0.08	2.20
OK	791	4,739	3,486	1,253	31.76%	21.60%	60.02%	< 0.00	30.60	153.90	0.50	4.50
OR	1,087	2,674	2,110	564	16.75%	7.11%	52.84%	< 0.00	9.70	58.80	0.40	1.80
PA												
RI	102	399	318	81	0.75%	0.31%	2.47%	< 0.00	< 1.00	3.00	1.00	1.00
SC	853	3,585	3,200	385	5.38%	4.75%	10.65%	< 0.00	3.96	18.60	0.52	1.86
SD	27	35	26	9	40.00%	26.92%	77.78%	< 0.50	18.40	18.40	0.67	2.99
TN	77	533	191	342	55.35%	8.90%	81.29%	< 0.00	13.00	21.10	0.50	3.60
TX	4,412	16,803	12,143	4,660	0.08%	0.02%	0.21%	< 0.50	< 0.50	44.00	0.50	14.00
VT	590	2,626	1,772	854	17.90%	2.77%	49.30%	< 0.00	5.00	7200.00	0.00	0.01
WA	2,548	10,661	8,736	1,925	21.10%	10.18%	70.65%	< 0.00	1.10	7.70	0.10	0.20
WI	219	414	359	55	15.94%	4.18%	92.73%	< 0.00	8.20	10.00	1.20	4.40
TOTAL	27,543	119,382	94,841	24,541	19.34%	11.21%	50.75%	< 0.00	18.10	7200.00	0.00	2.80
20 STATES	23,858	103,719	83,813	19,906	19.71%	11.60%	53.90%	< 0.00	18.80	5000.00	0.00	2.80

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.17.c SDWIS/FED (Round 2) Data- Bromodichloromethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	13.64%	9.52%	100.00%	4.55%	4.76%	0.00%	0.00%	0.00%	0.00%
AK	3,635	625	481	144	35.20%	18.92%	89.58%	2.24%	0.42%	8.33%	0.64%	0.21%	2.08%
AL	57	43	9	34	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR	1,140	402	315	87	57.46%	50.79%	81.61%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	293	123	107	16	11.38%	4.67%	56.25%	1.63%	0.00%	12.50%	0.00%	0.00%	0.00%
CA	114	34	21	13	55.88%	52.38%	61.54%	2.94%	4.76%	0.00%	0.00%	0.00%	0.00%
CO	2,646	830	618	212	55.90%	44.34%	89.62%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	3,230	86	44	42	74.42%	59.09%	90.48%	1.16%	0.00%	2.38%	0.00%	0.00%	0.00%
IN	214	120	110	10	22.50%	17.27%	80.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	1,969	430	208	222	74.42%	57.69%	90.09%	3.49%	0.96%	5.86%	0.70%	0.48%	0.90%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	2,020	443	355	88	25.73%	13.24%	76.14%	0.23%	0.00%	1.14%	0.00%	0.00%	0.00%
MD	44	38	34	4	15.79%	8.82%	75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	3,859	744	676	68	17.88%	11.39%	82.35%	0.27%	0.30%	0.00%	0.00%	0.00%	0.00%
MI	8,046	2,726	2,631	95	8.33%	5.66%	82.11%	0.40%	0.30%	3.16%	0.07%	0.08%	0.00%
MN	6,862	1,558	1,528	30	19.00%	17.41%	100.00%	0.06%	0.07%	0.00%	0.00%	0.00%	0.00%
MO	5,453	1,413	1,297	116	21.02%	14.80%	90.52%	1.06%	0.08%	12.07%	0.07%	0.00%	0.86%
MS	456	165	162	3	100.00%	100.00%	100.00%	1.82%	1.85%	0.00%	0.00%	0.00%	0.00%
NC	3,321	1,763	1,574	189	19.68%	12.64%	78.31%	0.11%	0.13%	0.00%	0.06%	0.06%	0.00%
ND	555	296	258	38	51.01%	46.90%	78.95%	4.39%	1.94%	21.05%	0.34%	0.39%	0.00%
NH	976	685	651	34	7.30%	3.99%	70.59%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	19	16	14	2	12.50%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	4,587	715	687	28	11.33%	9.61%	53.57%	0.28%	0.15%	3.57%	0.00%	0.00%	0.00%
OH	23,330	2,250	2,054	196	48.13%	43.57%	95.92%	1.07%	0.58%	6.12%	0.09%	0.10%	0.00%
OK	4,739	791	541	250	67.13%	54.53%	94.40%	4.68%	1.66%	11.20%	0.51%	0.37%	0.80%
OR	2,674	1,087	936	151	20.06%	10.68%	78.15%	0.28%	0.00%	1.99%	0.00%	0.00%	0.00%
PA													
RI	399	102	90	12	2.94%	1.11%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	3,585	853	789	64	11.25%	9.63%	31.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	35	27	19	8	48.15%	31.58%	87.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	533	77	30	47	62.34%	33.33%	80.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	16,803	4,412	3,825	587	0.16%	0.08%	0.68%	0.02%	0.00%	0.17%	0.00%	0.00%	0.00%
VT	2,626	590	505	85	15.59%	8.12%	60.00%	0.51%	0.00%	3.53%	0.51%	0.00%	3.53%
WA	10,661	2,548	2,393	155	18.13%	13.75%	85.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI	414	219	198	21	11.42%	3.03%	90.48%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	119,382	27,543	24,422	3,121	21.25%	15.51%	66.16%	0.55%	0.20%	3.27%	0.08%	0.04%	0.35%
20 STATES	103,719	23,858	21,152	2,706	21.97%	16.14%	67.52%	0.59%	0.21%	3.55%	0.08%	0.05%	0.30%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Bromodichloromethane is 60 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.18.a SDWIS/FED (Round 2) Data- Bromoform Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	9.09%	9.52%	0.00%	0.00%	0.00%	0.00%	26.20
AK	625	481	144	8.00%	3.74%	22.22%	0.00%	0.00%	0.00%	24.00
AL	10	8	2	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	4.90
AR	406	318	88	28.57%	31.13%	19.32%	0.00%	0.00%	0.00%	22.40
AZ	123	107	16	6.50%	3.74%	25.00%	0.00%	0.00%	0.00%	41.00
CA	30	22	8	56.67%	54.55%	62.50%	0.00%	0.00%	0.00%	29.00
CO	831	619	212	33.69%	38.61%	19.34%	0.00%	0.00%	0.00%	17.00
CT	86	44	42	48.84%	45.45%	52.38%	0.00%	0.00%	0.00%	2.80
IN	120	110	10	9.17%	10.00%	0.00%	0.00%	0.00%	0.00%	2.34
KY	429	208	221	28.21%	35.10%	21.72%	0.00%	0.00%	0.00%	20.40
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.10
MA	419	344	75	8.35%	5.52%	21.33%	0.00%	0.00%	0.00%	2.00
MD	38	34	4	5.26%	2.94%	25.00%	0.00%	0.00%	0.00%	1.90
ME	744	676	68	2.42%	2.51%	1.47%	0.00%	0.00%	0.00%	< 0.00
MI	2,737	2,642	95	2.63%	2.20%	14.74%	0.00%	0.00%	0.00%	5.60
MN	1,558	1,528	30	3.92%	3.27%	36.67%	0.00%	0.00%	0.00%	1.20
MO	1,413	1,297	116	10.62%	8.56%	33.62%	0.00%	0.00%	0.00%	8.00
MS	68	68	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	42.60
NC	1,777	1,586	191	5.63%	5.49%	6.81%	0.00%	0.00%	0.00%	3.90
ND	296	258	38	21.96%	21.32%	26.32%	0.00%	0.00%	0.00%	58.90
NH	677	650	27	1.62%	1.54%	3.70%	0.00%	0.00%	0.00%	1.90
NJ	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.31
NM	718	690	28	16.02%	15.65%	25.00%	0.00%	0.00%	0.00%	13.00
OH	2,250	2,054	196	29.87%	29.41%	34.69%	0.00%	0.00%	0.00%	7.90
OK	791	541	250	35.52%	35.86%	34.80%	0.00%	0.00%	0.00%	9.70
OR	1,088	937	151	5.88%	5.23%	9.93%	0.00%	0.00%	0.00%	3.20
PA	114	102	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
RI	894	794	100	0.89%	0.88%	1.00%	0.00%	0.00%	0.00%	< 0.50
SC	27	19	8	7.41%	10.53%	0.00%	0.00%	0.00%	0.00%	2.15
SD	77	30	47	15.58%	20.00%	12.77%	0.00%	0.00%	0.00%	2.30
TN	4,412	3,825	587	0.14%	0.05%	0.68%	0.00%	0.00%	0.00%	< 0.50
TX	573	497	76	2.09%	1.81%	3.95%	0.17%	0.00%	1.32%	0.70
VT	2,584	2,428	156	8.05%	8.11%	7.05%	0.00%	0.00%	0.00%	0.40
WA	197	194	3	2.03%	2.06%	0.00%	0.00%	0.00%	0.00%	1.30
WI										
TOTAL	27,460	24,387	3,073	9.55%	8.79%	15.59%	0.00%	0.00%	0.03%	6.00
20 STATES	18,461	16,348	2,113	12.12%	11.08%	20.11%	0.01%	0.00%	0.05%	6.45

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Bromoform is 400 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.18.b SDWIS/FED (Round 2) Data- Bromoform Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	6.25%	6.45%	0.00%	< 0.50	26.20	26.20	0.60	13.40
AK	625	3,642	2,619	1,023	6.34%	1.95%	17.60%	< 0.00	24.00	220.00	0.25	3.60
AL	10	12	9	3	100.00%	100.00%	100.00%	< 0.53	4.90	4.90	0.53	0.78
AR	406	1,347	1,074	273	16.04%	17.97%	8.42%	< 0.00	22.40	53.10	0.50	2.65
AZ	123	292	180	112	14.04%	6.67%	25.89%	< 0.20	41.00	45.00	1.00	3.00
CA	30	102	76	26	21.57%	19.74%	26.92%	< 0.20	29.00	37.00	0.50	1.75
CO	831	2,644	1,693	951	22.62%	29.77%	9.88%	< 0.00	17.00	41.00	0.09	1.30
CT	86	2,603	987	1,616	8.18%	7.50%	8.60%	< 0.00	2.80	58.00	0.14	1.00
IN	120	214	198	16	8.88%	9.60%	0.00%	< 0.04	2.34	2.90	0.13	0.90
KY	429	1,957	899	1,058	15.53%	22.80%	9.36%	< 0.10	20.40	130.00	0.10	2.00
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.10	< 0.10	< 0.10		
MA	419	1,852	1,382	470	4.00%	3.18%	6.38%	< 0.00	2.00	18.00	0.37	0.95
MD	38	44	38	6	4.55%	2.63%	16.67%	< 0.20	1.90	1.90	0.20	1.05
ME	744	3,567	3,162	405	0.76%	0.82%	0.25%	< 0.00	< 0.00	11.00	1.10	2.50
MI	2,737	8,017	6,334	1,683	5.61%	4.44%	10.04%	< 0.00	5.60	27.50	0.40	1.50
MN	1,558	6,864	6,678	186	2.03%	1.74%	12.37%	< 0.00	1.20	9.90	0.50	1.20
MO	1,413	5,446	3,292	2,154	7.27%	4.74%	11.14%	< 0.00	8.00	118.00	0.50	1.20
MS	68	202	202		100.00%	100.00%	0.00%	0.50	42.60	61.00	0.50	1.89
NC	1,777	3,355	2,887	468	4.74%	4.95%	3.42%	< 0.00	3.90	75.90	0.30	0.90
ND	296	440	368	72	23.86%	24.73%	19.44%	< 0.00	58.90	94.10	0.00	1.28
NH	677	957	894	63	2.09%	1.79%	6.35%	< 0.00	1.90	20.00	0.56	1.80
NJ	16	19	16	3	0.00%	0.00%	0.00%	< 0.04	< 1.31	< 1.31		
NM	718	4,601	4,388	213	8.24%	8.27%	7.51%	< 0.20	13.00	79.00	0.20	2.40
OH	2,250	23,330	21,279	2,051	11.20%	11.16%	11.65%	< 0.09	7.90	104.00	0.09	1.43
OK	791	4,744	3,491	1,253	14.59%	14.27%	15.48%	< 0.00	9.70	98.90	0.50	1.50
OR	1,088	2,675	2,110	565	3.85%	3.55%	4.96%	< 0.00	3.20	62.10	0.50	1.70
PA	114	422	337	85	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
RI	894	3,843	3,307	536	0.34%	0.36%	0.19%	< 0.00	< 0.50	63.50	0.67	6.66
SC	27	35	26	9	5.71%	7.69%	0.00%	< 0.50	2.15	2.15	0.55	1.35
SD	77	533	191	342	4.69%	4.71%	4.68%	< 0.00	2.30	8.20	0.50	1.00
TN	4,412	16,800	12,141	4,659	0.06%	0.02%	0.17%	< 0.50	< 0.50	12.33	2.00	5.65
TX	573	2,318	1,698	620	1.64%	1.94%	0.81%	< 0.00	0.70	800.00	0.00	0.90
VT	2,584	10,883	8,879	2,004	3.91%	4.18%	2.74%	< 0.00	0.40	294.40	0.10	0.20
WA	197	351	347	4	1.14%	1.15%	0.00%	< 0.00	1.30	2.20	1.30	1.70
WI												
TOTAL	27,460	118,198	94,664	23,534	6.38%	6.24%	6.94%	< 0.00	6.00	800.00	0.00	1.40
20 STATES	18,461	81,994	67,940	14,054	8.01%	7.63%	9.80%	< 0.00	6.45	294.40	0.00	1.40

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.18.c SDWIS/FED (Round 2) Data- Bromoform Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	9.09%	9.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	3,642	625	481	144	8.00%	3.74%	22.22%	0.32%	0.00%	1.39%	0.00%	0.00%	0.00%
AL	12	10	8	2	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR	1,347	406	318	88	28.57%	31.13%	19.32%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	292	123	107	16	6.50%	3.74%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	102	30	22	8	56.67%	54.55%	62.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	2,644	831	619	212	33.69%	38.61%	19.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	2,603	86	44	42	48.84%	45.45%	52.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	214	120	110	10	9.17%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	1,957	429	208	221	28.21%	35.10%	21.72%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1,852	419	344	75	8.35%	5.52%	21.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	44	38	34	4	5.26%	2.94%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	3,567	744	676	68	2.42%	2.51%	1.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	8,017	2,737	2,642	95	2.63%	2.20%	14.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	6,864	1,558	1,528	30	3.92%	3.27%	36.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	5,446	1,413	1,297	116	10.62%	8.56%	33.62%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	202	68	68	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	3,355	1,777	1,586	191	5.63%	5.49%	6.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	440	296	258	38	21.96%	21.32%	26.32%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	957	677	650	27	1.62%	1.54%	3.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	19	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	4,601	718	690	28	16.02%	15.65%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	23,330	2,250	2,054	196	29.87%	29.41%	34.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	4,744	791	541	250	35.52%	35.86%	34.80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,675	1,088	937	151	5.88%	5.23%	9.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA	422	114	102	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
RI	3,843	894	794	100	0.89%	0.88%	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	35	27	19	8	7.41%	10.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	533	77	30	47	15.58%	20.00%	12.77%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	16,800	4,412	3,825	587	0.14%	0.05%	0.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	2,318	573	497	76	2.09%	1.81%	3.95%	0.17%	0.00%	1.32%	0.17%	0.00%	1.32%
VT	10,883	2,584	2,428	156	8.05%	8.11%	7.05%	0.04%	0.00%	0.64%	0.00%	0.00%	0.00%
WA	351	197	194	3	2.03%	2.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI													
TOTAL	118,198	27,460	24,387	3,073	9.55%	8.79%	15.59%	0.01%	0.00%	0.13%	0.00%	0.00%	0.03%
20 STATES	81,994	18,461	16,348	2,113	12.12%	11.08%	20.11%	0.02%	0.00%	0.14%	0.01%	0.00%	0.05%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Bromoform is 400 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.19.a SDWIS/FED (Round 2) Data- Bromomethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
AK	625	481	144	0.48%	0.42%	0.69%	0.00%	0.00%	0.00%	< 0.00
AL	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.60
AR	407	319	88	2.70%	3.13%	1.14%	0.49%	0.31%	1.14%	1.40
AZ	121	106	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	15	12	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
CO	831	619	212	1.56%	2.10%	0.00%	0.00%	0.00%	0.00%	< 0.00
CT	86	44	42	1.16%	2.27%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN	68	61	7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	76	30	46	7.89%	13.33%	4.35%	1.32%	3.33%	0.00%	1.61
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	418	344	74	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MD	38	34	4	2.63%	0.00%	25.00%	0.00%	0.00%	0.00%	0.10
ME	744	676	68	0.54%	0.59%	0.00%	0.00%	0.00%	0.00%	< 0.00
MI	2,735	2,644	91	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,558	1,528	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MO	1,245	1,130	115	0.48%	0.44%	0.87%	0.00%	0.00%	0.00%	< 9.00
MS	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	4.70
NC	1,776	1,586	190	0.62%	0.50%	1.58%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	4.05%	4.26%	2.63%	0.00%	0.00%	0.00%	0.90
NH	682	651	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NJ	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.51
NM	715	691	24	0.42%	0.43%	0.00%	0.14%	0.14%	0.00%	< 1.00
OH	2,232	2,050	182	2.15%	2.20%	1.65%	0.09%	0.10%	0.00%	< 0.50
OK	791	541	250	1.77%	2.40%	0.40%	0.25%	0.37%	0.00%	< 0.00
OR	1,087	936	151	0.18%	0.11%	0.66%	0.09%	0.00%	0.66%	< 0.00
PA										
RI	113	101	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 10.00
SC	906	805	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD	25	17	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	77	30	47	1.30%	0.00%	2.13%	0.00%	0.00%	0.00%	< 0.00
TX	4,410	3,823	587	0.84%	0.81%	1.02%	0.09%	0.10%	0.00%	< 2.00
VT	527	466	61	0.38%	0.21%	1.64%	0.00%	0.00%	0.00%	< 0.00
WA	2,549	2,430	119	0.16%	0.16%	0.00%	0.00%	0.00%	0.00%	< 0.00
WI	200	197	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
TOTAL	26,703	23,888	2,815	0.68%	0.66%	0.82%	0.05%	0.05%	0.07%	< 9.00
20 STATES	23,328	20,872	2,456	0.75%	0.74%	0.86%	0.06%	0.05%	0.08%	< 9.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Bromomethane is 10 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.19.b SDWIS/FED (Round 2) Data- Bromomethane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,547	2,606	941	0.08%	0.08%	0.11%	< 0.00	< 0.00	1.50	0.81	1.13
AL	1	1	1	0	100.00%	100.00%	0.00%	0.60	0.60	0.60	0.60	0.60
AR	407	1,351	1,077	274	1.11%	1.30%	0.36%	< 0.00	1.40	38.10	1.40	2.60
AZ	121	245	173	72	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 2.00		
CA	15	95	65	30	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
CO	831	2,641	1,691	950	0.61%	0.95%	0.00%	< 0.00	< 0.00	9.20	0.09	0.21
CT	86	2,247	909	1,338	0.04%	0.11%	0.00%	< 0.00	< 0.00	0.57	0.57	0.57
IN	68	141	128	13	0.00%	0.00%	0.00%	< 0.50	< 2.00	< 2.00		
KY	76	442	136	306	2.26%	4.41%	1.31%	< 0.40	1.61	17.00	0.80	1.53
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,821	1,370	451	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
MD	38	44	38	6	2.27%	0.00%	16.67%	< 0.10	0.10	0.10	0.10	0.10
ME	744	3,542	3,138	404	0.17%	0.19%	0.00%	< 0.00	< 0.00	4.20	1.10	1.45
MI	2,735	6,964	6,140	824	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,558	6,864	6,678	186	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 4.00		
MO	1,245	2,121	1,877	244	0.28%	0.27%	0.41%	< 0.00	< 9.00	2.60	2.00	2.00
MS	1	3	3	0	100.00%	100.00%	0.00%	2.70	4.70	4.70	2.70	4.00
NC	1,776	3,338	2,878	460	0.39%	0.35%	0.65%	< 0.00	< 0.00	2.60	0.50	0.50
ND	296	393	323	70	3.56%	4.02%	1.43%	< 0.00	0.90	1.84	0.52	0.83
NH	682	937	892	45	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ	16	19	16	3	0.00%	0.00%	0.00%	< 0.50	< 4.51	< 4.51		
NM	715	4,836	4,620	216	0.19%	0.19%	0.00%	< 0.50	< 1.00	20.90	1.00	3.90
OH	2,232	17,789	16,433	1,356	0.41%	0.41%	0.37%	< 0.50	< 0.50	31.20	0.51	1.64
OK	791	4,746	3,492	1,254	0.34%	0.43%	0.08%	< 0.00	< 0.00	14.60	0.70	1.35
OR	1,087	2,673	2,109	564	0.07%	0.05%	0.18%	< 0.00	< 0.00	16.00	0.50	8.25
PA												
RI	113	423	338	85	0.00%	0.00%	0.00%	< 0.00	< 10.00	< 10.00		
SC	906	3,978	3,422	556	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
SD	25	33	24	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	77	533	191	342	0.19%	0.00%	0.29%	< 0.00	< 0.00	7.80	7.80	7.80
TX	4,410	16,711	12,091	4,620	0.28%	0.30%	0.24%	< 0.51	< 2.00	19.90	0.51	2.61
VT	527	1,603	1,407	196	0.12%	0.07%	0.51%	< 0.00	< 0.00	5.50	0.50	3.00
WA	2,549	9,548	8,661	887	0.04%	0.05%	0.00%	< 0.00	< 0.00	0.20	0.10	0.10
WI	200	360	356	4	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
TOTAL	26,703	104,076	86,765	17,311	0.23%	0.24%	0.18%	< 0.00	< 9.00	38.10	0.09	1.60
20 STATES	23,328	90,731	76,588	14,143	0.26%	0.27%	0.21%	< 0.00	< 9.00	38.10	0.09	1.60

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.19.c SDWIS/FED (Round 2) Data- Bromomethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	3,547	625	481	144	0.48%	0.42%	0.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR	1,351	407	319	88	2.70%	3.13%	1.14%	0.98%	0.94%	1.14%	0.49%	0.31%	1.14%
AZ	245	121	106	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	95	15	12	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	2,641	831	619	212	1.56%	2.10%	0.00%	0.12%	0.16%	0.00%	0.00%	0.00%	0.00%
CT	2,247	86	44	42	1.16%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	141	68	61	7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	442	76	30	46	7.89%	13.33%	4.35%	1.32%	3.33%	0.00%	1.32%	3.33%	0.00%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1,821	418	344	74	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	44	38	34	4	2.63%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	3,542	744	676	68	0.54%	0.59%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	6,964	2,735	2,644	91	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	6,864	1,558	1,528	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	2,121	1,245	1,130	115	0.48%	0.44%	0.87%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	3	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	3,338	1,776	1,586	190	0.62%	0.50%	1.58%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	393	296	258	38	4.05%	4.26%	2.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	937	682	651	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	19	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	4,836	715	691	24	0.42%	0.43%	0.00%	0.28%	0.29%	0.00%	0.14%	0.14%	0.00%
OH	17,789	2,232	2,050	182	2.15%	2.20%	1.65%	0.54%	0.54%	0.55%	0.09%	0.10%	0.00%
OK	4,746	791	541	250	1.77%	2.40%	0.40%	0.25%	0.37%	0.00%	0.25%	0.37%	0.00%
OR	2,673	1,087	936	151	0.18%	0.11%	0.66%	0.09%	0.00%	0.66%	0.09%	0.00%	0.66%
PA													
RI	423	113	101	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	3,978	906	805	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	33	25	17	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	533	77	30	47	1.30%	0.00%	2.13%	1.30%	0.00%	2.13%	0.00%	0.00%	0.00%
TX	16,711	4,410	3,823	587	0.84%	0.81%	1.02%	0.27%	0.24%	0.51%	0.09%	0.10%	0.00%
VT	1,603	527	466	61	0.38%	0.21%	1.64%	0.19%	0.00%	1.64%	0.00%	0.00%	0.00%
WA	9,548	2,549	2,430	119	0.16%	0.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI	360	200	197	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	104,076	26,703	23,888	2,815	0.68%	0.66%	0.82%	0.14%	0.12%	0.28%	0.05%	0.05%	0.07%
20 STATES	90,731	23,328	20,872	2,456	0.75%	0.74%	0.86%	0.15%	0.14%	0.24%	0.06%	0.05%	0.08%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Bromomethane is 10 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.20.a SDWIS/FED (Round 2) Data- Chloroethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%				< 1.00
AK	625	481	144	0.48%	0.42%	0.69%				< 0.00
AL										
AR	407	319	88	0.00%	0.00%	0.00%				< 0.21
AZ	121	106	15	0.00%	0.00%	0.00%				< 1.00
CA	16	12	4	0.00%	0.00%	0.00%				< 1.00
CO	831	619	212	0.24%	0.16%	0.47%				< 0.00
CT	86	44	42	0.00%	0.00%	0.00%				< 0.00
IN	117	107	10	0.00%	0.00%	0.00%				< 2.00
KY	92	43	49	1.09%	2.33%	0.00%				< 6.00
LA	1,310	1,241	69	0.00%	0.00%	0.00%				< 0.50
MA	418	344	74	0.48%	0.29%	1.35%				< 0.50
MD	976	920	56	0.20%	0.11%	1.79%				< 0.50
ME	744	676	68	0.67%	0.59%	1.47%				< 0.00
MI	2,735	2,644	91	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Chloroethane.			< 0.00
MN	1,558	1,528	30	0.32%	0.33%	0.00%				< 1.00
MO	1,413	1,297	116	0.00%	0.00%	0.00%				< 2.50
MS	3	3	0	100.00%	100.00%	0.00%				7.00
NC	1,758	1,570	188	0.68%	0.64%	1.06%				< 0.00
ND	296	258	38	0.00%	0.00%	0.00%				< 0.50
NH	679	650	29	0.00%	0.00%	0.00%				< 0.00
NJ	16	14	2	0.00%	0.00%	0.00%				< 2.64
NM	717	693	24	0.98%	0.87%	4.17%				< 2.50
OH	2,232	2,050	182	1.43%	1.37%	2.20%				< 0.50
OK	791	541	250	0.76%	0.92%	0.40%				< 0.00
OR	1,087	936	151	0.09%	0.11%	0.00%				< 0.00
PA										
RI	114	102	12	0.00%	0.00%	0.00%				< 5.00
SC	906	805	101	0.00%	0.00%	0.00%				< 0.50
SD	27	19	8	0.00%	0.00%	0.00%				< 0.50
TN	77	30	47	1.30%	0.00%	2.13%				< 0.00
TX	4,411	3,824	587	0.14%	0.13%	0.17%				< 2.00
VT	526	467	59	0.19%	0.21%	0.00%				< 0.00
WA	2,549	2,430	119	0.00%	0.00%	0.00%				< 0.00
WI	159	158	1	0.00%	0.00%	0.00%				< 2.00
TOTAL	27,819	24,952	2,867	0.32%	0.30%	0.52%				< 2.50
20 STATES	24,433	21,925	2,508	0.34%	0.32%	0.56%				< 2.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.20.b SDWIS/FED (Round 2) Data- Chloroethane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,546	2,605	941	0.08%	0.08%	0.11%	< 0.00	< 0.00	22.00	0.00	0.49
AL												
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.21	< 0.21		
AZ	121	244	172	72	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 2.00		
CA	16	81	61	20	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
CO	831	2,640	1,690	950	0.08%	0.06%	0.11%	< 0.00	< 0.00	0.70	0.17	0.44
CT	86	2,237	901	1,336	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN	117	210	194	16	0.00%	0.00%	0.00%	< 0.50	< 2.00	< 2.00		
KY	92	504	180	324	0.20%	0.56%	0.00%	< 0.40	< 6.00	1.00	1.00	1.00
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,822	1,370	452	0.11%	0.07%	0.22%	< 0.00	< 0.50	0.96	0.50	0.73
MD	976	4,870	4,319	551	0.04%	0.02%	0.18%	< 0.20	< 0.50	1.30	0.20	0.75
ME	744	3,563	3,160	403	0.59%	0.63%	0.25%	< 0.00	< 0.00	84.50	1.00	1.80
MI	2,735	6,967	6,143	824	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,558	6,864	6,678	186	0.09%	0.09%	0.00%	< 0.00	< 1.00	3.40	0.90	1.15
MO	1,413	3,773	3,275	498	0.00%	0.00%	0.00%	< 0.00	< 2.50	< 2.50		
MS	3	4	4	0	100.00%	100.00%	0.00%	0.60	7.00	7.00	0.60	2.30
NC	1,758	3,299	2,843	456	0.42%	0.42%	0.44%	< 0.00	< 0.00	7.50	0.50	0.50
ND	296	387	317	70	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH	679	933	891	42	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ	16	19	16	3	0.00%	0.00%	0.00%	< 0.20	< 2.64	< 2.64		
NM	717	4,844	4,628	216	0.25%	0.24%	0.46%	< 0.50	< 2.50	2.50	0.50	0.68
OH	2,232	17,788	16,432	1,356	0.36%	0.25%	1.70%	< 0.50	< 0.50	288.20	0.53	1.50
OK	791	4,744	3,491	1,253	0.13%	0.14%	0.08%	< 0.00	< 0.00	3.40	0.60	0.85
OR	1,087	2,672	2,108	564	0.04%	0.05%	0.00%	< 0.00	< 0.00	1.50	1.50	1.50
PA												
RI	114	422	338	84	0.00%	0.00%	0.00%	< 0.00	< 5.00	< 5.00		
SC	906	3,979	3,423	556	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	77	532	190	342	0.19%	0.00%	0.29%	< 0.00	< 0.00	0.80	0.80	0.80
TX	4,411	16,698	12,074	4,624	0.06%	0.07%	0.04%	< 2.00	< 2.00	8.20	2.30	5.70
VT	526	1,594	1,406	188	0.06%	0.07%	0.00%	< 0.00	< 0.00	0.80	0.80	0.80
WA	2,549	9,556	8,670	886	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WI	159	289	288	1	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
TOTAL	27,819	110,555	92,453	18,102	0.14%	0.12%	0.19%	< 0.00	< 2.50	288.20	0.00	1.30
20 STATES	24,433	97,244	82,290	14,954	0.15%	0.13%	0.23%	< 0.00	< 2.50	288.20	0.00	1.30

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.20.c SDWIS/FED (Round 2) Data- Chloroethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%						
AK	3,546	625	481	144	0.48%	0.42%	0.69%						
AL													
AR	1,352	407	319	88	0.00%	0.00%	0.00%						
AZ	244	121	106	15	0.00%	0.00%	0.00%						
CA	81	16	12	4	0.00%	0.00%	0.00%						
CO	2,640	831	619	212	0.24%	0.16%	0.47%						
CT	2,237	86	44	42	0.00%	0.00%	0.00%						
IN	210	117	107	10	0.00%	0.00%	0.00%						
KY	504	92	43	49	1.09%	2.33%	0.00%						
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%						
MA	1,822	418	344	74	0.48%	0.29%	1.35%						
MD	4,870	976	920	56	0.20%	0.11%	1.79%						
ME	3,563	744	676	68	0.67%	0.59%	1.47%						
MI	6,967	2,735	2,644	91	0.00%	0.00%	0.00%						
MN	6,864	1,558	1,528	30	0.32%	0.33%	0.00%						
MO	3,773	1,413	1,297	116	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Chloroethane.					
MS	4	3	3	0	100.00%	100.00%	0.00%						
NC	3,299	1,758	1,570	188	0.68%	0.64%	1.06%						
ND	387	296	258	38	0.00%	0.00%	0.00%						
NH	933	679	650	29	0.00%	0.00%	0.00%						
NJ	19	16	14	2	0.00%	0.00%	0.00%						
NM	4,844	717	693	24	0.98%	0.87%	4.17%						
OH	17,788	2,232	2,050	182	1.43%	1.37%	2.20%						
OK	4,744	791	541	250	0.76%	0.92%	0.40%						
OR	2,672	1,087	936	151	0.09%	0.11%	0.00%						
PA													
RI	422	114	102	12	0.00%	0.00%	0.00%						
SC	3,979	906	805	101	0.00%	0.00%	0.00%						
SD	35	27	19	8	0.00%	0.00%	0.00%						
TN	532	77	30	47	1.30%	0.00%	2.13%						
TX	16,698	4,411	3,824	587	0.14%	0.13%	0.17%						
VT	1,594	526	467	59	0.19%	0.21%	0.00%						
WA	9,556	2,549	2,430	119	0.00%	0.00%	0.00%						
WI	289	159	158	1	0.00%	0.00%	0.00%						
TOTAL	110,555	27,819	24,952	2,867	0.32%	0.30%	0.52%						
20 STATES	97,244	24,433	21,925	2,508	0.34%	0.32%	0.56%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.21.a SDWIS/FED (Round 2) Data- Chloroform Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	13.64%	9.52%	100.00%	0.00%	0.00%	0.00%	21.50
AK	625	481	144	50.40%	37.01%	95.14%	0.32%	0.00%	1.39%	184.00
AL	135	78	57	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	58.50
AR	402	315	87	53.98%	47.62%	77.01%	0.00%	0.00%	0.00%	150.00
AZ	123	107	16	13.82%	7.48%	56.25%	0.00%	0.00%	0.00%	63.00
CA	55	33	22	80.00%	75.76%	86.36%	0.00%	0.00%	0.00%	130.00
CO	830	618	212	59.76%	48.87%	91.51%	0.00%	0.00%	0.00%	47.00
CT	86	44	42	75.58%	59.09%	92.86%	0.00%	0.00%	0.00%	58.00
IN	119	109	10	26.05%	20.18%	90.00%	0.00%	0.00%	0.00%	51.00
KY	428	207	221	80.37%	67.15%	92.76%	0.23%	0.00%	0.45%	250.00
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.09
MA	480	384	96	45.21%	35.42%	84.38%	0.00%	0.00%	0.00%	64.00
MD	38	34	4	15.79%	8.82%	75.00%	0.00%	0.00%	0.00%	24.30
ME	745	677	68	20.94%	14.18%	88.24%	0.00%	0.00%	0.00%	74.00
MI	2,714	2,619	95	13.49%	10.88%	85.26%	0.00%	0.00%	0.00%	103.80
MN	1,558	1,528	30	33.89%	32.59%	100.00%	0.06%	0.00%	3.33%	26.00
MO	1,413	1,297	116	24.20%	18.20%	91.38%	0.00%	0.00%	0.00%	301.00
MS	194	191	3	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	187.90
NC	1,777	1,586	191	29.77%	23.39%	82.72%	0.00%	0.00%	0.00%	65.60
ND	296	258	38	51.01%	46.90%	78.95%	0.00%	0.00%	0.00%	109.00
NH	701	659	42	13.12%	8.35%	88.10%	0.00%	0.00%	0.00%	38.00
NJ	16	14	2	25.00%	14.29%	100.00%	0.00%	0.00%	0.00%	6.30
NM	717	689	28	12.41%	10.60%	57.14%	0.00%	0.00%	0.00%	2.70
OH	2,250	2,054	196	58.76%	55.16%	96.43%	0.00%	0.00%	0.00%	55.40
OK	791	541	250	69.53%	57.86%	94.80%	0.00%	0.00%	0.00%	87.30
OR	1,087	936	151	25.48%	14.96%	90.73%	0.46%	0.21%	1.99%	48.00
PA										
RI	114	102	12	11.40%	9.80%	25.00%	0.00%	0.00%	0.00%	5.00
SC	840	778	62	13.57%	11.83%	35.48%	0.00%	0.00%	0.00%	21.90
SD	12	11	1	16.67%	18.18%	0.00%	0.00%	0.00%	0.00%	2.23
TN	77	30	47	85.71%	76.67%	91.49%	0.00%	0.00%	0.00%	52.00
TX	4,412	3,825	587	0.23%	0.08%	1.19%	0.00%	0.00%	0.00%	< 0.50
VT	601	513	88	17.30%	9.36%	63.64%	0.33%	0.00%	2.27%	62.00
WA	2,359	2,211	148	20.69%	15.83%	93.24%	0.00%	0.00%	0.00%	7.70
WI	220	198	22	13.64%	5.05%	90.91%	0.00%	0.00%	0.00%	61.00
TOTAL	27,547	24,389	3,158	26.56%	21.00%	69.54%	0.04%	0.01%	0.28%	102.00
20 STATES	23,737	21,021	2,716	27.42%	21.84%	70.54%	0.04%	0.01%	0.26%	110.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Chloroform is 600 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.21.b SDWIS/FED (Round 2) Data- Chloroform Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	9.38%	6.45%	0.00%	< 0.50	21.50	21.50	0.60	11.20
AK	625	3,645	2,621	1,024	38.08%	23.54%	75.29%	< 0.00	184.00	683.00	0.00	5.10
AL	135	210	118	92	99.52%	100.00%	98.91%	< 0.20	58.50	65.90	0.20	1.00
AR	402	1,154	915	239	40.90%	34.10%	66.95%	< 0.00	150.00	344.00	0.50	2.80
AZ	123	293	181	112	16.04%	5.52%	33.04%	< 0.20	63.00	82.00	0.40	25.00
CA	55	154	99	55	47.40%	40.40%	60.00%	< 0.20	130.00	130.00	0.40	1.50
CO	830	2,641	1,689	952	51.31%	36.94%	76.79%	< 0.00	47.00	170.00	0.02	1.58
CT	86	3,345	1,129	2,216	32.20%	17.54%	39.67%	< 0.00	58.00	247.00	0.10	10.30
IN	119	213	197	16	20.66%	16.24%	75.00%	< 0.06	51.00	145.00	0.09	2.10
KY	428	1,964	896	1,068	71.23%	50.89%	88.30%	< 0.10	250.00	27000.00	0.10	16.00
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.09	< 0.09	< 0.09		
MA	480	2,211	1,591	620	34.10%	26.71%	53.06%	< 0.00	64.00	280.00	0.00	2.05
MD	38	44	38	6	18.18%	7.89%	83.33%	< 0.50	24.30	24.30	0.60	7.30
ME	745	4,033	3,384	649	11.41%	6.29%	38.06%	< 0.00	74.00	377.00	0.50	8.65
MI	2,714	7,971	6,264	1,707	31.09%	14.32%	92.62%	< 0.00	103.80	441.40	0.40	15.70
MN	1,558	6,861	6,675	186	20.43%	18.38%	94.09%	< 0.00	26.00	1200.00	0.10	1.10
MO	1,413	5,445	3,299	2,146	44.32%	12.00%	93.99%	< 0.00	301.00	526.00	0.20	54.20
MS	194	506	473	33	100.00%	100.00%	0.00%	0.00	187.90	451.00	0.00	3.80
NC	1,777	3,354	2,886	468	27.94%	20.62%	73.08%	< 0.00	65.60	236.60	0.30	5.70
ND	296	565	461	104	63.89%	59.22%	84.62%	< 0.00	109.00	162.00	0.00	3.06
NH	701	1,009	913	96	15.16%	7.45%	88.54%	< 0.00	38.00	100.00	0.50	5.10
NJ	16	19	16	3	26.32%	12.50%	100.00%	< 0.10	6.30	6.30	0.27	0.60
NM	717	4,565	4,349	216	3.66%	2.99%	17.13%	< 0.10	2.70	74.10	0.10	1.30
OH	2,250	23,329	21,278	2,051	26.13%	22.21%	66.80%	< 0.40	55.40	552.00	0.40	1.95
OK	791	4,743	3,490	1,253	34.58%	24.01%	64.01%	< 0.00	87.30	316.00	0.50	9.60
OR	1,087	2,670	2,107	563	22.47%	10.35%	67.85%	< 0.00	48.00	1800.00	0.50	6.35
PA												
RI	114	423	339	84	5.67%	3.83%	13.10%	< 0.00	5.00	23.00	0.70	2.00
SC	840	3,481	3,095	386	6.72%	6.14%	11.40%	< 0.00	21.90	180.00	0.50	7.13
SD	12	16	15	1	18.75%	20.00%	0.00%	< 0.50	2.23	2.23	0.76	1.01
TN	77	533	191	342	65.67%	26.70%	87.43%	< 0.00	52.00	72.00	0.50	11.00
TX	4,412	16,811	12,141	4,670	0.13%	0.02%	0.41%	< 0.47	< 0.50	160.00	0.47	17.50
VT	601	2,747	1,832	915	19.77%	3.44%	52.46%	< 0.00	62.00	14400.00	0.00	0.10
WA	2,359	9,918	7,955	1,963	25.45%	12.39%	78.35%	< 0.00	7.70	39.40	0.10	1.70
WI	220	418	357	61	18.18%	5.32%	93.44%	< 0.00	61.00	70.00	1.00	13.00
TOTAL	27,547	119,378	94,476	24,902	23.31%	15.05%	54.62%	< 0.00	102.00	27000.00	0.00	4.10
20 STATES	23,737	103,356	83,291	20,065	23.85%	15.63%	57.98%	< 0.00	110.00	27000.00	0.00	3.90

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.21.c SDWIS/FED (Round 2) Data- Chloroform Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	13.64%	9.52%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	3,645	625	481	144	50.40%	37.01%	95.14%	1.60%	0.21%	6.25%	0.32%	0.00%	1.39%
AL	210	135	78	57	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR	1,154	402	315	87	53.98%	47.62%	77.01%	0.50%	0.32%	1.15%	0.00%	0.00%	0.00%
AZ	293	123	107	16	13.82%	7.48%	56.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	154	55	33	22	80.00%	75.76%	86.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	2,641	830	618	212	59.76%	48.87%	91.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	3,345	86	44	42	75.58%	59.09%	92.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	213	119	109	10	26.05%	20.18%	90.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	1,964	428	207	221	80.37%	67.15%	92.76%	0.93%	0.48%	1.36%	0.23%	0.00%	0.45%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	2,211	480	384	96	45.21%	35.42%	84.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	44	38	34	4	15.79%	8.82%	75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	4,033	745	677	68	20.94%	14.18%	88.24%	0.13%	0.15%	0.00%	0.00%	0.00%	0.00%
MI	7,971	2,714	2,619	95	13.49%	10.88%	85.26%	0.07%	0.04%	1.05%	0.00%	0.00%	0.00%
MN	6,861	1,558	1,528	30	33.89%	32.59%	100.00%	0.13%	0.00%	6.67%	0.06%	0.00%	3.33%
MO	5,445	1,413	1,297	116	24.20%	18.20%	91.38%	1.34%	0.00%	16.38%	0.00%	0.00%	0.00%
MS	506	194	191	3	100.00%	100.00%	100.00%	1.03%	1.05%	0.00%	0.00%	0.00%	0.00%
NC	3,354	1,777	1,586	191	29.77%	23.39%	82.72%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	565	296	258	38	51.01%	46.90%	78.95%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	1,009	701	659	42	13.12%	8.35%	88.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	19	16	14	2	25.00%	14.29%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	4,565	717	689	28	12.41%	10.60%	57.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	23,329	2,250	2,054	196	58.76%	55.16%	96.43%	0.27%	0.24%	0.51%	0.00%	0.00%	0.00%
OK	4,743	791	541	250	69.53%	57.86%	94.80%	0.13%	0.00%	0.40%	0.00%	0.00%	0.00%
OR	2,670	1,087	936	151	25.48%	14.96%	90.73%	0.46%	0.21%	1.99%	0.46%	0.21%	1.99%
PA													
RI	423	114	102	12	11.40%	9.80%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	3,481	840	778	62	13.57%	11.83%	35.48%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	16	12	11	1	16.67%	18.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	533	77	30	47	85.71%	76.67%	91.49%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	16,811	4,412	3,825	587	0.23%	0.08%	1.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	2,747	601	513	88	17.30%	9.36%	63.64%	0.33%	0.00%	2.27%	0.33%	0.00%	2.27%
WA	9,918	2,359	2,211	148	20.69%	15.83%	93.24%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI	418	220	198	22	13.64%	5.05%	90.91%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	119,378	27,547	24,389	3,158	26.56%	21.00%	69.54%	0.20%	0.06%	1.33%	0.04%	0.01%	0.28%
20 STATES	103,356	23,737	21,021	2,716	27.42%	21.84%	70.54%	0.22%	0.06%	1.47%	0.04%	0.01%	0.26%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Chloroform is 600 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.22.a SDWIS/FED (Round 2) Data- Chloromethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
AK	625	481	144	3.04%	2.91%	3.47%	0.64%	0.62%	0.69%	< 0.00
AL	10	9	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	2.60
AR	407	319	88	19.66%	19.44%	20.45%	1.72%	1.88%	1.14%	0.61
AZ	121	106	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	15	12	3	6.67%	8.33%	0.00%	0.00%	0.00%	0.00%	0.90
CO	830	618	212	1.08%	1.13%	0.94%	0.12%	0.16%	0.00%	< 0.00
CT	86	44	42	2.33%	2.27%	2.38%	0.00%	0.00%	0.00%	< 0.00
IN	117	107	10	0.85%	0.93%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	62	26	36	29.03%	34.62%	25.00%	6.45%	11.54%	2.78%	4.00
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	419	345	74	2.86%	2.03%	6.76%	0.24%	0.29%	0.00%	< 0.50
MD	38	34	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
ME	744	676	68	1.34%	1.48%	0.00%	0.81%	0.89%	0.00%	< 0.00
MI	2,735	2,644	91	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,558	1,528	30	1.54%	1.51%	3.33%	0.71%	0.65%	3.33%	< 2.00
MO	1,414	1,298	116	1.98%	1.39%	8.62%	0.35%	0.31%	0.86%	< 2.50
MS	9	9	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	2.00
NC	1,776	1,586	190	0.62%	0.57%	1.05%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	39.19%	35.66%	63.16%	14.53%	13.57%	21.05%	7.47
NH	682	651	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NJ	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 4.12
NM	716	691	25	0.98%	1.01%	0.00%	0.42%	0.43%	0.00%	< 1.00
OH	2,232	2,050	182	4.70%	4.83%	3.30%	1.03%	0.98%	1.65%	< 0.50
OK	791	541	250	3.92%	4.99%	1.60%	1.14%	1.48%	0.40%	< 0.00
OR	1,088	937	151	0.92%	0.75%	1.99%	0.46%	0.43%	0.66%	< 0.00
PA										
RI	114	102	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
SC	896	795	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	77	30	47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	4,405	3,818	587	0.64%	0.52%	1.36%	0.27%	0.29%	0.17%	< 2.00
VT	525	465	60	0.95%	0.86%	1.67%	0.19%	0.22%	0.00%	< 0.00
WA	2,546	2,427	119	0.79%	0.70%	2.52%	0.04%	0.04%	0.00%	< 0.00
WI	191	188	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
TOTAL	26,900	24,090	2,810	2.07%	1.88%	3.67%	0.51%	0.49%	0.68%	< 2.50
20 STATES	23,478	21,030	2,448	2.25%	2.04%	4.08%	0.58%	0.55%	0.78%	< 2.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Chloromethane is 3 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.22.b SDWIS/FED (Round 2) Data- Chloromethane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,545	2,608	937	0.71%	0.65%	0.85%	< 0.00	< 0.00	13.00	0.00	0.87
AL	10	12	11	1	100.00%	100.00%	100.00%	0.58	2.60	2.60	0.58	0.85
AR	407	1,350	1,076	274	6.22%	6.13%	6.57%	< 0.00	0.61	312.00	0.61	0.61
AZ	121	245	173	72	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 2.00		
CA	15	89	62	27	1.12%	1.61%	0.00%	< 0.20	0.90	0.90	0.90	0.90
CO	830	2,639	1,691	948	0.42%	0.53%	0.21%	< 0.00	< 0.00	11.00	0.25	0.80
CT	86	2,245	907	1,338	0.31%	0.22%	0.37%	< 0.00	< 0.00	2.80	0.57	0.86
IN	117	210	194	16	0.48%	0.52%	0.00%	< 0.50	< 2.00	1.20	1.20	1.20
KY	62	353	106	247	7.93%	14.15%	5.26%	< 0.40	4.00	11.00	0.57	1.16
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	419	1,826	1,374	452	0.71%	0.58%	1.11%	< 0.00	< 0.50	6.00	0.40	1.00
MD	38	44	38	6	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
ME	744	3,549	3,147	402	0.51%	0.57%	0.00%	< 0.00	< 0.00	54.00	1.10	4.85
MI	2,735	6,968	6,144	824	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,558	6,864	6,678	186	0.42%	0.40%	1.08%	< 0.00	< 2.00	6.30	0.80	3.00
MO	1,414	3,774	3,276	498	0.74%	0.55%	2.01%	< 0.00	< 2.50	29.10	2.00	2.00
MS	9	12	12	0	100.00%	100.00%	0.00%	0.05	2.00	2.00	0.05	0.60
NC	1,776	3,335	2,875	460	0.39%	0.38%	0.43%	< 0.00	< 0.00	0.90	0.50	0.50
ND	296	491	402	89	43.99%	42.04%	52.81%	< 0.00	7.47	10.10	0.00	1.80
NH	682	938	892	46	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ	16	19	16	3	0.00%	0.00%	0.00%	< 0.20	< 4.12	< 4.12		
NM	716	4,862	4,646	216	0.23%	0.24%	0.00%	< 0.30	< 1.00	7.30	0.30	2.60
OH	2,232	17,789	16,433	1,356	0.99%	0.96%	1.40%	< 0.50	< 0.50	83.05	0.50	1.50
OK	791	4,746	3,492	1,254	0.97%	1.15%	0.48%	< 0.00	< 0.00	22.90	0.50	1.35
OR	1,088	2,671	2,106	565	0.37%	0.33%	0.53%	< 0.00	< 0.00	7.50	0.80	3.20
PA												
RI	114	422	337	85	0.00%	0.00%	0.00%	< 0.00	< 5.00	< 5.00		
SC	896	3,931	3,377	554	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	77	533	191	342	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	4,405	16,611	12,032	4,579	0.21%	0.20%	0.24%	< 0.60	< 2.00	93.00	0.60	2.70
VT	525	1,609	1,414	195	0.37%	0.28%	1.03%	< 0.00	< 0.00	29.00	0.00	0.02
WA	2,546	9,532	8,648	884	0.34%	0.34%	0.34%	< 0.00	< 0.00	3.30	0.10	0.25
WI	191	349	345	4	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
TOTAL	26,900	105,685	88,211	17,474	0.77%	0.75%	0.90%	< 0.00	< 2.50	312.00	0.00	1.38
20 STATES	23,478	92,309	78,001	14,308	0.84%	0.80%	1.04%	< 0.00	< 2.50	312.00	0.00	1.40

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.22.c SDWIS/FED (Round 2) Data- Chloromethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	3,545	625	481	144	3.04%	2.91%	3.47%	0.96%	1.04%	0.69%	0.64%	0.62%	0.69%
AL	12	10	9	1	100.00%	100.00%	100.00%	10.00%	11.11%	0.00%	0.00%	0.00%	0.00%
AR	1,350	407	319	88	19.66%	19.44%	20.45%	2.21%	2.51%	1.14%	1.72%	1.88%	1.14%
AZ	245	121	106	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	89	15	12	3	6.67%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	2,639	830	618	212	1.08%	1.13%	0.94%	0.24%	0.32%	0.00%	0.12%	0.16%	0.00%
CT	2,245	86	44	42	2.33%	2.27%	2.38%	1.16%	2.27%	0.00%	0.00%	0.00%	0.00%
IN	210	117	107	10	0.85%	0.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	353	62	26	36	29.03%	34.62%	25.00%	12.90%	19.23%	8.33%	6.45%	11.54%	2.78%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1,826	419	345	74	2.86%	2.03%	6.76%	0.95%	0.29%	4.05%	0.24%	0.29%	0.00%
MD	44	38	34	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	3,549	744	676	68	1.34%	1.48%	0.00%	0.94%	1.04%	0.00%	0.81%	0.89%	0.00%
MI	6,968	2,735	2,644	91	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	6,864	1,558	1,528	30	1.54%	1.51%	3.33%	1.28%	1.24%	3.33%	0.71%	0.65%	3.33%
MO	3,774	1,414	1,298	116	1.98%	1.39%	8.62%	1.98%	1.39%	8.62%	0.35%	0.31%	0.86%
MS	12	9	9	0	100.00%	100.00%	0.00%	22.22%	22.22%	0.00%	0.00%	0.00%	0.00%
NC	3,335	1,776	1,586	190	0.62%	0.57%	1.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	491	296	258	38	39.19%	35.66%	63.16%	26.69%	25.19%	36.84%	14.53%	13.57%	21.05%
NH	938	682	651	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	19	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	4,862	716	691	25	0.98%	1.01%	0.00%	0.70%	0.72%	0.00%	0.42%	0.43%	0.00%
OH	17,789	2,232	2,050	182	4.70%	4.83%	3.30%	2.33%	2.29%	2.75%	1.03%	0.98%	1.65%
OK	4,746	791	541	250	3.92%	4.99%	1.60%	2.02%	2.59%	0.80%	1.14%	1.48%	0.40%
OR	2,671	1,088	937	151	0.92%	0.75%	1.99%	0.64%	0.53%	1.32%	0.46%	0.43%	0.66%
PA													
RI	422	114	102	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	3,931	896	795	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	35	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	533	77	30	47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	16,611	4,405	3,818	587	0.64%	0.52%	1.36%	0.54%	0.47%	1.02%	0.27%	0.29%	0.17%
VT	1,609	525	465	60	0.95%	0.86%	1.67%	0.19%	0.22%	0.00%	0.19%	0.22%	0.00%
WA	9,532	2,546	2,427	119	0.79%	0.70%	2.52%	0.04%	0.04%	0.00%	0.04%	0.04%	0.00%
WI	349	191	188	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	105,685	26,900	24,090	2,810	2.07%	1.88%	3.67%	1.01%	0.93%	1.71%	0.51%	0.49%	0.68%
20 STATES	92,309	23,478	21,030	2,448	2.25%	2.04%	4.08%	1.14%	1.05%	1.96%	0.58%	0.55%	0.78%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

% > MCL indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Chloromethane is 3 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.23.a SDWIS/FED (Round 2) Data- Dibromochloromethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	9.09%	9.52%	0.00%	0.00%	0.00%	0.00%	57.90
AK	625	481	144	21.92%	12.06%	54.86%	0.48%	0.00%	2.08%	24.00
AL	28	8	20	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	12.50
AR	406	318	88	53.69%	51.89%	60.23%	0.00%	0.00%	0.00%	13.10
AZ	123	107	16	9.76%	4.67%	43.75%	0.00%	0.00%	0.00%	27.00
CA	28	18	10	53.57%	44.44%	70.00%	0.00%	0.00%	0.00%	19.00
CO	830	618	212	47.83%	45.31%	55.19%	0.00%	0.00%	0.00%	8.10
CT	86	44	42	68.60%	56.82%	80.95%	0.00%	0.00%	0.00%	5.50
IN	118	108	10	19.49%	14.81%	70.00%	0.00%	0.00%	0.00%	5.20
KY	431	209	222	65.66%	56.46%	74.32%	0.93%	0.96%	0.90%	26.40
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.23
MA	434	352	82	20.51%	12.50%	54.88%	0.00%	0.00%	0.00%	6.00
MD	38	34	4	13.16%	8.82%	50.00%	0.00%	0.00%	0.00%	1.90
ME	744	676	68	8.47%	6.80%	25.00%	0.00%	0.00%	0.00%	1.80
MI	2,732	2,638	94	6.99%	4.47%	77.66%	0.00%	0.00%	0.00%	12.50
MN	1,558	1,528	30	11.17%	10.14%	63.33%	0.00%	0.00%	0.00%	3.30
MO	1,413	1,297	116	19.53%	13.57%	86.21%	0.00%	0.00%	0.00%	17.60
MS	138	135	3	100.00%	100.00%	100.00%	0.72%	0.74%	0.00%	30.70
NC	1,762	1,572	190	13.51%	10.37%	39.47%	0.06%	0.06%	0.00%	8.40
ND	296	258	38	42.91%	38.37%	73.68%	0.68%	0.78%	0.00%	45.00
NH	677	648	29	3.84%	2.93%	24.14%	0.00%	0.00%	0.00%	1.80
NJ	16	14	2	12.50%	0.00%	100.00%	0.00%	0.00%	0.00%	1.55
NM	723	693	30	13.55%	12.41%	40.00%	0.00%	0.00%	0.00%	3.59
OH	2,250	2,054	196	47.78%	43.33%	94.39%	0.09%	0.10%	0.00%	10.00
OK	790	541	249	62.28%	50.46%	87.95%	0.51%	0.37%	0.80%	16.90
OR	1,088	937	151	13.97%	10.03%	38.41%	0.18%	0.11%	0.66%	5.60
PA										
RI	113	101	12	1.77%	0.99%	8.33%	0.00%	0.00%	0.00%	< 1.00
SC	879	790	89	4.44%	3.29%	14.61%	0.00%	0.00%	0.00%	0.90
SD	12	9	3	50.00%	44.44%	66.67%	0.00%	0.00%	0.00%	2.75
TN	77	30	47	62.34%	46.67%	72.34%	0.00%	0.00%	0.00%	8.00
TX	4,412	3,825	587	0.16%	0.08%	0.68%	0.00%	0.00%	0.00%	< 0.50
VT	581	504	77	6.54%	5.75%	11.69%	0.17%	0.00%	1.30%	0.90
WA	2,428	2,279	149	12.85%	11.98%	26.17%	0.00%	0.00%	0.00%	0.60
WI	204	195	9	4.41%	1.54%	66.67%	0.00%	0.00%	0.00%	2.50
TOTAL	27,372	24,283	3,089	17.47%	13.75%	46.68%	0.07%	0.05%	0.29%	9.30
20 STATES	23,750	21,059	2,691	18.37%	14.55%	48.23%	0.08%	0.05%	0.30%	9.70

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Dibromochloromethane is 60 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.23.b SDWIS/FED (Round 2) Data- Dibromochloromethane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	6.25%	6.45%	0.00%	< 0.50	57.90	57.90	2.50	30.20
AK	625	3,612	2,615	997	14.78%	6.31%	37.01%	< 0.00	24.00	124.00	0.00	1.98
AL	28	36	9	27	100.00%	100.00%	100.00%	0.28	12.50	12.50	0.28	1.26
AR	406	1,340	1,068	272	29.40%	28.37%	33.46%	< 0.00	13.10	34.00	0.50	1.40
AZ	123	294	182	112	15.99%	7.14%	30.36%	< 0.20	27.00	39.00	1.00	12.00
CA	28	103	75	28	21.36%	17.33%	32.14%	< 0.20	19.00	57.70	0.51	2.60
CO	830	2,641	1,689	952	34.80%	35.58%	33.40%	< 0.00	8.10	27.00	0.05	0.95
CT	86	2,963	1,069	1,894	18.80%	13.94%	21.54%	< 0.00	5.50	44.00	0.06	1.50
IN	118	212	196	16	17.45%	15.31%	43.75%	< 0.09	5.20	6.40	0.19	1.47
KY	431	1,966	901	1,065	45.88%	39.07%	51.64%	< 0.10	26.40	110.00	0.10	2.00
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.23	< 0.23	< 0.23		
MA	434	1,949	1,408	541	12.31%	6.96%	26.25%	< 0.00	6.00	50.00	0.18	1.40
MD	38	43	38	5	16.28%	10.53%	60.00%	< 0.20	1.90	1.90	0.20	0.60
ME	744	3,654	3,227	427	2.63%	2.23%	5.62%	< 0.00	1.80	17.90	1.00	1.55
MI	2,732	7,989	6,328	1,661	22.94%	8.20%	79.11%	< 0.00	12.50	43.80	0.40	2.10
MN	1,558	6,864	6,678	186	6.56%	5.44%	46.77%	< 0.00	3.30	17.00	0.50	1.60
MO	1,413	5,453	3,293	2,160	36.82%	8.62%	79.81%	< 0.00	17.60	59.00	0.00	1.90
MS	138	402	378	24	100.00%	100.00%	0.00%	0.00	30.70	1500.00	0.00	1.50
NC	1,762	3,324	2,862	462	11.61%	9.05%	27.49%	< 0.00	8.40	61.00	0.20	1.10
ND	296	527	431	96	54.08%	48.26%	80.21%	< 0.00	45.00	200.00	0.00	2.36
NH	677	965	892	73	6.11%	2.80%	46.58%	< 0.00	1.80	3.50	0.52	1.10
NJ	16	19	16	3	15.79%	0.00%	100.00%	< 0.09	1.55	1.55	1.29	1.30
NM	723	4,595	4,375	220	5.22%	4.87%	12.27%	< 0.10	3.59	39.00	0.10	1.00
OH	2,250	23,330	21,279	2,051	21.86%	18.33%	58.51%	< 0.05	10.00	126.00	0.05	1.80
OK	790	4,733	3,490	1,243	28.19%	20.77%	48.99%	< 0.00	16.90	81.20	0.10	1.80
OR	1,088	2,676	2,111	565	9.75%	6.96%	20.18%	< 0.00	5.60	700.00	0.50	1.40
PA												
RI	113	422	337	85	0.47%	0.30%	1.18%	< 0.00	< 1.00	2.00	1.00	1.50
SC	879	3,693	3,248	445	1.90%	1.51%	4.72%	< 0.00	0.90	11.10	0.51	0.94
SD	12	18	14	4	33.33%	28.57%	50.00%	< 0.50	2.75	2.75	0.64	1.77
TN	77	532	190	342	36.47%	12.63%	49.71%	< 0.00	8.00	15.00	0.10	1.20
TX	4,412	16,810	12,143	4,667	0.11%	0.02%	0.34%	< 0.50	< 0.50	37.00	1.50	8.70
VT	581	2,402	1,763	639	3.12%	3.06%	3.29%	< 0.00	0.90	4000.00	0.00	0.80
WA	2,428	8,856	7,358	1,498	8.03%	7.46%	10.81%	< 0.00	0.60	4.60	0.10	0.20
WI	204	358	346	12	3.35%	1.16%	66.67%	< 0.00	2.50	3.20	1.30	2.20
TOTAL	27,372	116,868	93,491	23,377	14.76%	10.18%	33.04%	< 0.00	9.30	4000.00	0.00	1.63
20 STATES	23,750	101,749	82,523	19,226	15.51%	10.65%	36.35%	< 0.00	9.70	700.00	0.00	1.70

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.23.c SDWIS/FED (Round 2) Data- Dibromochloromethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	9.09%	9.52%	0.00%	4.55%	4.76%	0.00%	0.00%	0.00%	0.00%
AK	3,612	625	481	144	21.92%	12.06%	54.86%	1.28%	0.00%	5.56%	0.48%	0.00%	2.08%
AL	36	28	8	20	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR	1,340	406	318	88	53.69%	51.89%	60.23%	0.49%	0.63%	0.00%	0.00%	0.00%	0.00%
AZ	294	123	107	16	9.76%	4.67%	43.75%	0.81%	0.93%	0.00%	0.00%	0.00%	0.00%
CA	103	28	18	10	53.57%	44.44%	70.00%	3.57%	5.56%	0.00%	0.00%	0.00%	0.00%
CO	2,641	830	618	212	47.83%	45.31%	55.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	2,963	86	44	42	68.60%	56.82%	80.95%	1.16%	0.00%	2.38%	0.00%	0.00%	0.00%
IN	212	118	108	10	19.49%	14.81%	70.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	1,966	431	209	222	65.66%	56.46%	74.32%	2.55%	1.91%	3.15%	0.93%	0.96%	0.90%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1,949	434	352	82	20.51%	12.50%	54.88%	0.23%	0.28%	0.00%	0.00%	0.00%	0.00%
MD	43	38	34	4	13.16%	8.82%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	3,654	744	676	68	8.47%	6.80%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	7,989	2,732	2,638	94	6.99%	4.47%	77.66%	0.15%	0.15%	0.00%	0.00%	0.00%	0.00%
MN	6,864	1,558	1,528	30	11.17%	10.14%	63.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	5,453	1,413	1,297	116	19.53%	13.57%	86.21%	0.35%	0.00%	4.31%	0.00%	0.00%	0.00%
MS	402	138	135	3	100.00%	100.00%	100.00%	3.62%	3.70%	0.00%	0.72%	0.74%	0.00%
NC	3,324	1,762	1,572	190	13.51%	10.37%	39.47%	0.17%	0.19%	0.00%	0.06%	0.06%	0.00%
ND	527	296	258	38	42.91%	38.37%	73.68%	3.38%	3.10%	5.26%	0.68%	0.78%	0.00%
NH	965	677	648	29	3.84%	2.93%	24.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	19	16	14	2	12.50%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	4,595	723	693	30	13.55%	12.41%	40.00%	0.14%	0.14%	0.00%	0.00%	0.00%	0.00%
OH	23,330	2,250	2,054	196	47.78%	43.33%	94.39%	0.53%	0.39%	2.04%	0.09%	0.10%	0.00%
OK	4,733	790	541	249	62.28%	50.46%	87.95%	2.53%	1.66%	4.42%	0.51%	0.37%	0.80%
OR	2,676	1,088	937	151	13.97%	10.03%	38.41%	0.18%	0.11%	0.66%	0.18%	0.11%	0.66%
PA													
RI	422	113	101	12	1.77%	0.99%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	3,693	879	790	89	4.44%	3.29%	14.61%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	18	12	9	3	50.00%	44.44%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	532	77	30	47	62.34%	46.67%	72.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	16,810	4,412	3,825	587	0.16%	0.08%	0.68%	0.05%	0.03%	0.17%	0.00%	0.00%	0.00%
VT	2,402	581	504	77	6.54%	5.75%	11.69%	0.17%	0.00%	1.30%	0.17%	0.00%	1.30%
WA	8,856	2,428	2,279	149	12.85%	11.98%	26.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI	358	204	195	9	4.41%	1.54%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	116,868	27,372	24,283	3,089	17.47%	13.75%	46.68%	0.33%	0.21%	1.33%	0.07%	0.05%	0.29%
20 STATES	101,749	23,750	21,059	2,691	18.37%	14.55%	48.23%	0.34%	0.20%	1.45%	0.08%	0.05%	0.30%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Dibromochloromethane is 60 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.24.a SDWIS/FED (Round 2) Data- Dibromomethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%				< 1.00
AK	625	481	144	1.76%	0.83%	4.86%				< 0.00
AL										
AR	407	319	88	0.25%	0.31%	0.00%				< 0.07
AZ	121	106	15	0.00%	0.00%	0.00%				< 2.00
CA	15	12	3	6.67%	8.33%	0.00%				3.50
CO	831	619	212	1.68%	1.62%	1.89%				< 0.00
CT	86	44	42	4.65%	4.55%	4.76%				< 0.00
IN	116	106	10	0.00%	0.00%	0.00%				< 2.00
KY	380	188	192	3.95%	4.26%	3.65%				< 2.50
LA										
MA	418	344	74	1.20%	0.87%	2.70%				< 0.50
MD	38	34	4	0.00%	0.00%	0.00%				0.30
ME	744	676	68	0.00%	0.00%	0.00%				< 0.00
MI	2,735	2,644	91	0.07%	0.00%	2.20%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Dibromomethane.			< 0.00
MN	1,558	1,528	30	0.06%	0.00%	3.33%				< 1.00
MO	1,413	1,297	116	0.00%	0.00%	0.00%				< 2.00
MS	2	2	0	100.00%	100.00%	0.00%				4.00
NC	1,776	1,586	190	0.11%	0.13%	0.00%				< 0.00
ND	296	258	38	0.00%	0.00%	0.00%				< 0.50
NH										
NJ	16	14	2	0.00%	0.00%	0.00%				< 1.96
NM	721	694	27	0.28%	0.29%	0.00%				< 1.00
OH	2,232	2,050	182	0.40%	0.34%	1.10%				< 0.50
OK	791	541	250	0.25%	0.37%	0.00%				< 0.00
OR	969	841	128	1.55%	1.55%	1.56%				< 0.00
PA										
RI	114	102	12	0.00%	0.00%	0.00%				< 2.00
SC	907	806	101	0.00%	0.00%	0.00%				< 0.50
SD	13	8	5	0.00%	0.00%	0.00%				< 0.50
TN	75	28	47	0.00%	0.00%	0.00%				< 0.00
TX	4,412	3,825	587	0.07%	0.05%	0.17%				< 1.00
VT	559	495	64	0.54%	0.61%	0.00%				< 0.00
WA	2,546	2,427	119	0.90%	0.49%	9.24%				< 0.00
WI	200	197	3	0.50%	0.51%	0.00%				< 2.00
TOTAL	25,138	22,293	2,845	0.46%	0.34%	1.44%				< 1.00
20 STATES	23,006	20,454	2,552	0.46%	0.32%	1.53%				< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.24.b SDWIS/FED (Round 2) Data- Dibromomethane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,538	2,602	936	0.31%	0.15%	0.75%	< 0.00	< 0.00	9.60	0.00	1.10
AL												
AR	407	1,352	1,078	274	0.07%	0.09%	0.00%	< 0.00	< 0.07	0.79	0.79	0.79
AZ	121	244	172	72	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
CA	15	80	61	19	1.25%	1.64%	0.00%	< 0.20	3.50	3.50	3.50	3.50
CO	831	2,641	1,692	949	0.76%	0.95%	0.42%	< 0.00	< 0.00	3.10	0.10	0.60
CT	86	2,256	920	1,336	0.35%	0.65%	0.15%	< 0.00	< 0.00	6.50	0.60	1.60
IN	116	209	193	16	0.00%	0.00%	0.00%	< 0.09	< 2.00	< 2.00		
KY	380	1,789	838	951	0.89%	0.95%	0.84%	< 0.10	< 2.50	9.00	0.50	1.00
LA												
MA	418	1,821	1,370	451	0.44%	0.36%	0.67%	< 0.00	< 0.50	8.20	0.50	2.00
MD	38	44	38	6	6.82%	0.00%	50.00%	< 0.10	0.30	0.30	0.10	0.20
ME	744	3,554	3,150	404	0.03%	0.00%	0.25%	< 0.00	< 0.00	1.10	1.10	1.10
MI	2,735	6,965	6,141	824	0.03%	0.03%	0.00%	< 0.00	< 0.00	0.70	0.6	0.65
MN	1,558	6,864	6,678	186	0.03%	0.03%	0.00%	< 0.00	< 1.00	4.10	0.6	2.35
MO	1,413	3,773	3,275	498	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
MS	2	2	2	0	100.00%	100.00%	0.00%	0.70	4.00	4.00	0.70	2.35
NC	1,776	3,338	2,877	461	0.33%	0.31%	0.43%	< 0.00	< 0.00	0.50	0.50	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH												
NJ	16	19	16	3	0.00%	0.00%	0.00%	< 0.34	< 1.96	< 1.96		
NM	721	4,285	4,083	202	0.05%	0.05%	0.00%	< 0.50	< 1.00	2.90	0.60	1.75
OH	2,232	17,789	16,433	1,356	0.09%	0.09%	0.15%	< 0.50	< 0.50	11.00	0.50	1.15
OK	791	4,736	3,491	1,245	0.06%	0.06%	0.08%	< 0.00	< 0.00	1.00	0.72	0.80
OR	969	2,218	1,796	422	0.14%	0.17%	0.00%	< 0.00	< 0.00	2.20	0.60	0.90
PA												
RI	114	423	338	85	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
SC	907	3,978	3,420	558	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
SD	13	19	13	6	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	75	456	162	294	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	4,412	16,778	12,126	4,652	0.18%	0.12%	0.34%	< 1.00	< 1.00	16.20	1.00	1.95
VT	559	1,810	1,601	209	0.06%	0.06%	0.00%	< 0.00	< 0.00	0.70	0.70	0.70
WA	2,546	9,544	8,659	885	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WI	200	360	356	4	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
TOTAL	25,138	101,299	83,928	17,371	0.14%	0.11%	0.28%	< 0.00	< 1.00	16.20	0.00	1.20
20 STATES	23,006	91,834	76,981	14,853	0.14%	0.11%	0.32%	< 0.00	< 1.00	16.20	0.00	1.10

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.24.c SDWIS/FED (Round 2) Data- Dibromomethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%						
AK	3,538	625	481	144	1.76%	0.83%	4.86%						
AL													
AR	1,352	407	319	88	0.25%	0.31%	0.00%						
AZ	244	121	106	15	0.00%	0.00%	0.00%						
CA	80	15	12	3	6.67%	8.33%	0.00%						
CO	2,641	831	619	212	1.68%	1.62%	1.89%						
CT	2,256	86	44	42	4.65%	4.55%	4.76%						
IN	209	116	106	10	0.00%	0.00%	0.00%						
KY	1,789	380	188	192	3.95%	4.26%	3.65%						
LA													
MA	1,821	418	344	74	1.20%	0.87%	2.70%						
MD	44	38	34	4	0.00%	0.00%	0.00%						
ME	3,554	744	676	68	0.00%	0.00%	0.00%						
MI	6,965	2,735	2,644	91	0.07%	0.00%	2.20%						
MN	6,864	1,558	1,528	30	0.06%	0.00%	3.33%						
MO	3,773	1,413	1,297	116	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Dibromomethane.					
MS	2	2	2	0	100.00%	100.00%	0.00%						
NC	3,338	1,776	1,586	190	0.11%	0.13%	0.00%						
ND	382	296	258	38	0.00%	0.00%	0.00%						
NH													
NJ	19	16	14	2	0.00%	0.00%	0.00%						
NM	4,285	721	694	27	0.28%	0.29%	0.00%						
OH	17,789	2,232	2,050	182	0.40%	0.34%	1.10%						
OK	4,736	791	541	250	0.25%	0.37%	0.00%						
OR	2,218	969	841	128	1.55%	1.55%	1.56%						
PA													
RI	423	114	102	12	0.00%	0.00%	0.00%						
SC	3,978	907	806	101	0.00%	0.00%	0.00%						
SD	19	13	8	5	0.00%	0.00%	0.00%						
TN	456	75	28	47	0.00%	0.00%	0.00%						
TX	16,778	4,412	3,825	587	0.07%	0.05%	0.17%						
VT	1,810	559	495	64	0.54%	0.61%	0.00%						
WA	9,544	2,546	2,427	119	0.90%	0.49%	9.24%						
WI	360	200	197	3	0.50%	0.51%	0.00%						
TOTAL	101,299	25,138	22,293	2,845	0.46%	0.34%	1.44%						
20 STATES	91,834	23,006	20,454	2,552	0.46%	0.32%	1.53%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.25.a SDWIS/FED (Round 2) Data- Dichlorodifluoromethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
AK	625	481	144	7.36%	7.90%	5.56%	0.00%	0.00%	0.00%	3.20
AL										
AR	407	319	88	17.94%	17.55%	19.32%	0.00%	0.00%	0.00%	1.22
AZ	121	106	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
CA	19	14	5	36.84%	21.43%	80.00%	0.00%	0.00%	0.00%	14.00
CO	831	619	212	0.72%	0.16%	2.36%	0.00%	0.00%	0.00%	< 0.00
CT	84	43	41	1.19%	2.33%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN	116	106	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	52	20	32	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	419	345	74	1.67%	2.03%	0.00%	0.00%	0.00%	0.00%	< 0.50
MD	976	920	56	0.41%	0.33%	1.79%	0.00%	0.00%	0.00%	< 0.50
ME	744	676	68	3.23%	3.55%	0.00%	0.00%	0.00%	0.00%	2.18
MI	2,735	2,644	91	1.32%	1.29%	2.20%	0.00%	0.00%	0.00%	< 0.00
MN	1,558	1,528	30	1.80%	1.83%	0.00%	0.00%	0.00%	0.00%	< 1.00
MO	1,412	1,297	115	0.14%	0.15%	0.00%	0.00%	0.00%	0.00%	< 20.00
MS										
NC	1,776	1,586	190	0.56%	0.50%	1.05%	0.00%	0.00%	0.00%	< 0.00
ND	295	257	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 10.00
NH	4	3	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	9.50
NJ	7	7		0.00%	0.00%		0.00%	0.00%		< 1.00
NM	720	692	28	1.94%	2.02%	0.00%	0.00%	0.00%	0.00%	< 1.00
OH	2,232	2,050	182	0.67%	0.63%	1.10%	0.00%	0.00%	0.00%	< 0.50
OK	791	541	250	0.51%	0.55%	0.40%	0.00%	0.00%	0.00%	< 0.00
OR	17	15	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA										
RI	114	102	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
SC	234	213	21	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN										
TX	4,409	3,822	587	0.09%	0.10%	0.00%	0.00%	0.00%	0.00%	< 2.00
VT	14	13	1	35.71%	38.46%	0.00%	0.00%	0.00%	0.00%	1.80
WA	2,028	1,922	106	0.39%	0.42%	0.00%	0.00%	0.00%	0.00%	< 0.00
WI	191	188	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
TOTAL	24,290	21,810	2,480	1.23%	1.17%	1.73%	0.00%	0.00%	0.00%	< 12.30
20 STATES	22,145	19,839	2,306	1.29%	1.24%	1.69%	0.00%	0.00%	0.00%	< 20.00
19 STATES[1]	22,141	19,836	2,305	1.27%	1.23%	1.65%	0.00%	0.00%	0.00%	< 20.00

1. New Hampshire data not included in "19 States" summary statistics for Dichlorodifluoromethane.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Dichlorodifluoromethane is 1000 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.25.b SDWIS/FED (Round 2) Data- Dichlorodifluoromethane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.5	< 1.00	< 1.00		
AK	625	3,517	2,579	938	2.81%	3.14%	1.92%	< 0.00	3.20	230.00	0.25	1.96
AL												
AR	407	1,349	1,076	273	5.49%	5.30%	6.23%	< 0.00	1.22	2.70	1.22	1.22
AZ	121	244	172	72	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
CA	19	106	87	19	29.25%	31.03%	21.05%	< 0.50	14.00	17.00	0.50	2.00
CO	831	2,640	1,690	950	0.38%	0.06%	0.95%	< 0.00	< 0.00	12.60	0.17	1.70
CT	84	1,933	844	1,089	0.05%	0.12%	0.00%	< 0.00	< 0.00	0.61	0.61	0.61
IN	116	209	193	16	0.00%	0.00%	0.00%	< 0.38	< 2.00	< 2.00		
KY	52	270	89	181	0.00%	0.00%	0.00%	< 0.40	< 2.50	< 2.50		
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	419	1,831	1,381	450	0.93%	1.23%	0.00%	< 0.00	< 0.50	16.10	1.00	2.91
MD	976	4,857	4,305	552	0.29%	0.07%	1.99%	< 0.10	< 0.50	2.40	0.10	0.20
ME	744	3,606	3,202	404	1.83%	2.06%	0.00%	< 0.00	2.18	14.50	1.00	2.20
MI	2,735	6,965	6,141	824	0.66%	0.72%	0.24%	< 0.00	< 0.00	11.00	1.00	2.00
MN	1,558	6,864	6,678	186	0.52%	0.54%	0.00%	< 0.00	< 1.00	46.00	0.50	1.45
MO	1,412	3,779	3,283	496	0.05%	0.06%	0.00%	< 0.00	< 20.00	16.80	4.40	10.60
MS												
NC	1,776	3,337	2,877	460	0.36%	0.35%	0.43%	< 0.00	< 0.00	4.20	0.50	0.50
ND	295	369	304	65	0.00%	0.00%	0.00%	< 0.00	< 10.00	< 10.00		
NH	4	4	3	1	100.00%	100.00%	100.00%	0.74	9.50	9.50	0.74	2.45
NJ	7	7	7		0.00%	0.00%		< 0.16	< 1.00	< 1.00		
NM	720	4,260	4,059	201	0.35%	0.37%	0.00%	< 0.50	< 1.00	12.30	0.50	0.60
OH	2,232	17,789	16,433	1,356	0.17%	0.16%	0.29%	< 0.50	< 0.50	27.70	0.51	0.99
OK	791	4,738	3,492	1,246	0.13%	0.14%	0.08%	< 0.00	< 0.00	2.30	0.60	0.75
OR	17	20	18	2	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	114	423	337	86	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
SC	234	422	382	40	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN												
TX	4,409	16,645	12,049	4,596	0.03%	0.04%	0.00%	< 1.60	< 2.00	36.00	1.60	2.30
VT	14	24	23	1	29.17%	30.43%	0.00%	< 0.00	1.80	1.80	0.00	0.40
WA	2,028	5,386	4,848	538	0.59%	0.66%	0.00%	< 0.00	< 0.00	1.30	0.10	0.15
WI	191	349	345	4	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
TOTAL	24,290	96,065	80,405	15,660	0.53%	0.54%	0.44%	< 0.00	< 20.00	230.00	0.00	1.22
20 STATES	22,145	88,649	74,844	13,805	0.53%	0.54%	0.47%	< 0.00	< 20.00	230.00	0.10	1.22
19 STATES[1]	22,141	88,645	74,841	13,804	0.52%	0.53%	0.46%	< 0.00	< 20.00	230.00	0.10	1.22

1. New Hampshire data not included in "19 States" summary statistics for Dichlorodifluoromethane.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.25.c SDWIS/FED (Round 2) Data- Dichlorodifluoromethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	3,517	625	481	144	7.36%	7.90%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL													
AR	1,349	407	319	88	17.94%	17.55%	19.32%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	244	121	106	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	106	19	14	5	36.84%	21.43%	80.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	2,640	831	619	212	0.72%	0.16%	2.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	1,933	84	43	41	1.19%	2.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	209	116	106	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	270	52	20	32	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1,831	419	345	74	1.67%	2.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	4,857	976	920	56	0.41%	0.33%	1.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	3,606	744	676	68	3.23%	3.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	6,965	2,735	2,644	91	1.32%	1.29%	2.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	6,864	1,558	1,528	30	1.80%	1.83%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	3,779	1,412	1,297	115	0.14%	0.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
NC	3,337	1,776	1,586	190	0.56%	0.50%	1.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	369	295	257	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	4	4	3	1	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	7	7	7	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	4,260	720	692	28	1.94%	2.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	17,789	2,232	2,050	182	0.67%	0.63%	1.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	4,738	791	541	250	0.51%	0.55%	0.40%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	20	17	15	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA													
RI	423	114	102	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	422	234	213	21	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	35	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN													
TX	16,645	4,409	3,822	587	0.09%	0.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	24	14	13	1	35.71%	38.46%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	5,386	2,028	1,922	106	0.39%	0.42%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI	349	191	188	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	96,065	24,290	21,810	2,480	1.23%	1.17%	1.73%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
20 STATES	88,649	22,145	19,839	2,306	1.29%	1.24%	1.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19 STATES[1]	88,645	22,141	19,836	2,305	1.27%	1.23%	1.65%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

1. New Hampshire data not included in "19 States" summary statistics for Dichlorodifluoromethane.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for Dichlorodifluoromethane is 1000 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.26.a SDWIS/FED (Round 2) Data- 1,1-Dichloroethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
AK	625	481	144	0.64%	0.83%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL										
AR	407	319	88	11.55%	8.15%	23.86%	0.00%	0.00%	0.00%	0.60
AZ	121	106	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	20	14	6	15.00%	7.14%	33.33%	0.00%	0.00%	0.00%	4.50
CO	831	619	212	0.48%	0.48%	0.47%	0.00%	0.00%	0.00%	0.20
CT	86	44	42	4.65%	6.82%	2.38%	0.00%	0.00%	0.00%	< 0.00
IN	118	108	10	4.24%	4.63%	0.00%	0.00%	0.00%	0.00%	1.39
KY	432	207	225	0.23%	0.48%	0.00%	0.00%	0.00%	0.00%	< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	420	345	75	5.71%	5.22%	8.00%	1.19%	0.87%	2.67%	1.60
MD	976	920	56	0.41%	0.33%	1.79%	0.00%	0.00%	0.00%	< 0.50
ME	744	676	68	0.54%	0.59%	0.00%	0.27%	0.30%	0.00%	1.84
MI	2,735	2,644	91	0.29%	0.30%	0.00%	0.04%	0.04%	0.00%	< 0.00
MN	1,558	1,528	30	1.22%	1.24%	0.00%	0.06%	0.07%	0.00%	< 0.20
MO	1,413	1,297	116	0.07%	0.08%	0.00%	0.00%	0.00%	0.00%	< 1.00
MS	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	1.90
NC	1,783	1,590	193	1.01%	0.94%	1.55%	0.06%	0.06%	0.00%	< 0.00
ND	296	258	38	0.68%	0.78%	0.00%	0.00%	0.00%	0.00%	< 0.50
NH	684	654	30	1.61%	1.68%	0.00%	0.15%	0.15%	0.00%	1.00
NJ	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NM	720	693	27	0.42%	0.29%	3.70%	0.00%	0.00%	0.00%	< 1.00
OH	2,232	2,050	182	1.03%	1.02%	1.10%	0.22%	0.20%	0.55%	< 0.50
OK	791	541	250	0.13%	0.18%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	1,088	937	151	0.18%	0.21%	0.00%	0.18%	0.21%	0.00%	< 0.00
PA										
RI	115	103	12	2.61%	2.91%	0.00%	0.00%	0.00%	0.00%	1.00
SC	905	804	101	0.11%	0.00%	0.99%	0.00%	0.00%	0.00%	< 0.50
SD	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	77	30	47	1.30%	3.33%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	4,412	3,825	587	0.05%	0.05%	0.00%	0.02%	0.03%	0.00%	< 1.00
VT	558	494	64	0.18%	0.20%	0.00%	0.18%	0.20%	0.00%	< 0.00
WA	2,546	2,427	119	0.12%	0.08%	0.84%	0.00%	0.00%	0.00%	< 0.00
WI	200	197	3	1.00%	1.02%	0.00%	0.00%	0.00%	0.00%	< 1.00
TOTAL	28,269	25,207	3,062	0.71%	0.64%	1.31%	0.07%	0.07%	0.10%	< 1.00
20 STATES	24,808	22,114	2,694	0.74%	0.67%	1.34%	0.08%	0.07%	0.11%	< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for 1,1-Dichloroethane is 5 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.26.b SDWIS/FED (Round 2) Data- 1,1-Dichloroethane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,545	2,607	938	0.23%	0.31%	0.00%	< 0.00	< 0.00	4.40	0.30	0.53
AL												
AR	407	1,351	1,077	274	3.48%	2.41%	7.66%	< 0.00	0.60	0.60	0.60	0.60
AZ	121	244	172	72	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
CA	20	85	63	22	3.53%	1.59%	9.09%	< 0.20	4.50	4.50	0.80	1.00
CO	831	2,646	1,694	952	1.10%	1.53%	0.32%	< 0.00	0.20	2.50	0.10	1.40
CT	86	2,274	921	1,353	0.66%	0.65%	0.67%	< 0.00	< 0.00	2.00	0.00	0.57
IN	118	211	195	16	4.74%	5.13%	0.00%	< 0.08	1.39	2.00	0.10	0.83
KY	432	1,972	898	1,074	0.05%	0.11%	0.00%	< 0.10	< 2.50	0.92	0.92	0.92
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	420	1,867	1,400	467	3.86%	3.50%	4.93%	< 0.00	1.60	17.00	0.20	1.00
MD	976	4,870	4,319	551	0.16%	0.14%	0.36%	< 0.20	< 0.50	1.50	0.20	0.70
ME	744	3,614	3,209	405	2.02%	2.27%	0.00%	< 0.00	1.84	100.00	0.50	1.84
MI	2,735	6,973	6,149	824	0.40%	0.46%	0.00%	< 0.00	< 0.00	7.40	0.50	0.65
MN	1,558	6,864	6,678	186	0.95%	0.97%	0.00%	< 0.00	< 0.20	11.00	0.20	0.40
MO	1,413	3,773	3,275	498	0.08%	0.09%	0.00%	< 0.00	< 1.00	2.00	1.20	1.30
MS	1	1	1	0	100.00%	100.00%	0.00%	1.90	1.90	1.90	1.90	1.90
NC	1,783	3,390	2,903	487	0.62%	0.62%	0.62%	< 0.00	< 0.00	7.50	0.50	0.50
ND	296	383	317	66	0.78%	0.95%	0.00%	< 0.00	< 0.50	1.17	0.00	1.00
NH	684	940	897	43	1.70%	1.78%	0.00%	< 0.00	1.00	30.00	0.61	1.10
NJ	16	19	16	3	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
NM	720	4,818	4,599	219	0.21%	0.17%	0.91%	< 0.20	< 1.00	4.00	0.20	0.70
OH	2,232	17,789	16,433	1,356	0.96%	0.88%	1.92%	< 0.50	< 0.50	159.00	0.50	1.60
OK	791	4,746	3,492	1,254	0.02%	0.03%	0.00%	< 0.00	< 0.00	2.00	2.00	2.00
OR	1,088	2,704	2,119	585	0.55%	0.71%	0.00%	< 0.00	< 0.00	18.00	0.60	2.30
PA												
RI	115	423	339	84	1.18%	1.47%	0.00%	< 0.00	1.00	5.00	1.00	2.00
SC	905	4,025	3,454	571	0.02%	0.00%	0.18%	< 0.00	< 0.50	0.51	0.51	0.51
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	77	533	191	342	0.38%	1.05%	0.00%	< 0.00	< 0.00	2.90	2.80	2.85
TX	4,412	16,843	12,190	4,653	0.05%	0.07%	0.00%	< 0.51	< 1.00	29.00	0.51	16.45
VT	558	1,805	1,601	204	0.06%	0.06%	0.00%	< 0.00	< 0.00	6.30	6.30	6.30
WA	2,546	9,548	8,662	886	0.08%	0.02%	0.68%	< 0.00	< 0.00	0.60	0.10	0.50
WI	200	360	356	4	0.56%	0.56%	0.00%	< 0.00	< 1.00	0.80	0.38	0.59
TOTAL	28,269	112,738	93,735	19,003	0.56%	0.56%	0.52%	< 0.00	< 1.00	159.00	0.00	1.00
20 STATES	24,808	99,059	83,257	15,802	0.60%	0.61%	0.54%	< 0.00	< 1.00	159.00	0.00	1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.26.c SDWIS/FED (Round 2) Data- 1,1-Dichloroethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	3,545	625	481	144	0.64%	0.83%	0.00%	0.16%	0.21%	0.00%	0.00%	0.00%	0.00%
AL													
AR	1,351	407	319	88	11.55%	8.15%	23.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	244	121	106	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	85	20	14	6	15.00%	7.14%	33.33%	5.00%	0.00%	16.67%	0.00%	0.00%	0.00%
CO	2,646	831	619	212	0.48%	0.48%	0.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	2,274	86	44	42	4.65%	6.82%	2.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	211	118	108	10	4.24%	4.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	1,972	432	207	225	0.23%	0.48%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1,867	420	345	75	5.71%	5.22%	8.00%	1.67%	1.45%	2.67%	1.19%	0.87%	2.67%
MD	4,870	976	920	56	0.41%	0.33%	1.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	3,614	744	676	68	0.54%	0.59%	0.00%	0.54%	0.59%	0.00%	0.27%	0.30%	0.00%
MI	6,973	2,735	2,644	91	0.29%	0.30%	0.00%	0.04%	0.04%	0.00%	0.04%	0.04%	0.00%
MN	6,864	1,558	1,528	30	1.22%	1.24%	0.00%	0.06%	0.07%	0.00%	0.06%	0.07%	0.00%
MO	3,773	1,413	1,297	116	0.07%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	1	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	3,390	1,783	1,590	193	1.01%	0.94%	1.55%	0.06%	0.06%	0.00%	0.06%	0.06%	0.00%
ND	383	296	258	38	0.68%	0.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	940	684	654	30	1.61%	1.68%	0.00%	0.58%	0.61%	0.00%	0.15%	0.15%	0.00%
NJ	19	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	4,818	720	693	27	0.42%	0.29%	3.70%	0.14%	0.14%	0.00%	0.00%	0.00%	0.00%
OH	17,789	2,232	2,050	182	1.03%	1.02%	1.10%	0.54%	0.49%	1.10%	0.22%	0.20%	0.55%
OK	4,746	791	541	250	0.13%	0.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,704	1,088	937	151	0.18%	0.21%	0.00%	0.18%	0.21%	0.00%	0.18%	0.21%	0.00%
PA													
RI	423	115	103	12	2.61%	2.91%	0.00%	0.87%	0.97%	0.00%	0.00%	0.00%	0.00%
SC	4,025	905	804	101	0.11%	0.00%	0.99%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	35	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	533	77	30	47	1.30%	3.33%	0.00%	1.30%	3.33%	0.00%	0.00%	0.00%	0.00%
TX	16,843	4,412	3,825	587	0.05%	0.05%	0.00%	0.02%	0.03%	0.00%	0.02%	0.03%	0.00%
VT	1,805	558	494	64	0.18%	0.20%	0.00%	0.18%	0.20%	0.00%	0.18%	0.20%	0.00%
WA	9,548	2,546	2,427	119	0.12%	0.08%	0.84%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI	360	200	197	3	1.00%	1.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	112,738	28,269	25,207	3,062	0.71%	0.64%	1.31%	0.14%	0.13%	0.16%	0.07%	0.07%	0.10%
20 STATES	99,059	24,808	22,114	2,694	0.74%	0.67%	1.34%	0.15%	0.14%	0.15%	0.08%	0.07%	0.11%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

% > MCL indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for 1,1-Dichloroethane is 5 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.27.a SDWIS/FED (Round 2) Data- 1,3-Dichloropropane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%				< 1.00
AK	625	481	144	0.00%	0.00%	0.00%				< 0.00
AL										
AR	407	319	88	0.00%	0.00%	0.00%				< 0.08
AZ	121	106	15	0.00%	0.00%	0.00%				< 5.00
CA	14	11	3	0.00%	0.00%	0.00%				< 0.50
CO	831	619	212	0.00%	0.00%	0.00%				< 0.00
CT	86	44	42	0.00%	0.00%	0.00%				< 0.00
IN	117	107	10	0.00%	0.00%	0.00%				< 2.00
KY	388	189	199	0.26%	0.00%	0.50%				< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%				0.50
MA	418	344	74	0.24%	0.29%	0.00%				< 0.50
MD	976	920	56	0.00%	0.00%	0.00%				< 0.50
ME	744	676	68	0.00%	0.00%	0.00%				< 0.00
MI	2,735	2,644	91	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,3-Dichloropropane.			< 0.00
MN	1,558	1,528	30	0.00%	0.00%	0.00%				< 0.20
MO	1,413	1,297	116	0.00%	0.00%	0.00%				< 2.00
MS										
NC	1,776	1,586	190	0.51%	0.44%	1.05%				< 0.00
ND	296	258	38	0.00%	0.00%	0.00%				< 0.50
NH										
NJ	16	14	2	0.00%	0.00%	0.00%				< 1.00
NM	721	693	28	0.00%	0.00%	0.00%				< 1.00
OH	2,232	2,050	182	0.09%	0.10%	0.00%				< 0.50
OK	791	541	250	0.00%	0.00%	0.00%				< 0.00
OR	1,089	938	151	0.00%	0.00%	0.00%				< 0.00
PA										
RI	114	102	12	0.00%	0.00%	0.00%				< 1.00
SC	907	806	101	0.00%	0.00%	0.00%				< 0.50
SD	16	12	4	0.00%	0.00%	0.00%				< 0.50
TN	77	30	47	0.00%	0.00%	0.00%				< 0.00
TX	4,412	3,825	587	0.00%	0.00%	0.00%				< 1.00
VT	559	495	64	0.18%	0.20%	0.00%				< 0.00
WA	2,539	2,420	119	0.04%	0.04%	0.00%				< 0.00
WI	200	197	3	0.00%	0.00%	0.00%				< 1.00
TOTAL	27,510	24,514	2,996	0.05%	0.05%	0.10%				< 2.00
20 STATES	24,065	21,430	2,635	0.06%	0.05%	0.11%				< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.27.b SDWIS/FED (Round 2) Data- 1,3-Dichloropropane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,550	2,611	939	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL												
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.08	< 0.08		
AZ	121	245	173	72	0.00%	0.00%	0.00%	< 0.20	< 5.00	< 5.00		
CA	14	80	61	19	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,643	1,694	949	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
CT	86	2,240	908	1,332	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN	117	210	194	16	0.00%	0.00%	0.00%	< 0.07	< 2.00	< 2.00		
KY	388	1,837	843	994	0.05%	0.00%	0.10%	< 0.10	< 2.50	3.00	3.00	3.00
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,822	1,371	451	0.05%	0.07%	0.00%	< 0.00	< 0.50	0.98	0.98	0.98
MD	976	4,867	4,316	551	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
ME	744	3,545	3,140	405	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,735	6,967	6,142	825	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,558	6,864	6,678	186	0.00%	0.00%	0.00%	< 0.00	< 0.20	< 0.40		
MO	1,413	9,177	7,865	1,312	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
MS												
NC	1,776	3,340	2,879	461	0.33%	0.31%	0.43%	< 0.00	< 0.00	0.50	0.50	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH												
NJ	16	19	16	3	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
NM	721	4,818	4,599	219	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
OH	2,232	17,789	16,433	1,356	0.01%	0.01%	0.00%	< 0.50	< 0.50	3.70	2.69	3.20
OK	791	4,736	3,492	1,244	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	1,089	2,668	2,105	563	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	114	422	337	85	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	907	4,017	3,442	575	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
SD	16	24	19	5	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	77	532	190	342	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	4,412	16,754	12,115	4,639	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	559	1,810	1,603	207	0.06%	0.06%	0.00%	< 0.00	< 0.00	1.40	1.40	1.40
WA	2,539	9,354	8,475	879	0.01%	0.01%	0.00%	< 0.00	< 0.00	0.70	0.70	0.70
WI	200	360	356	4	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
TOTAL	27,510	116,511	96,933	19,578	0.01%	0.01%	0.02%	< 0.00	< 2.00	3.70	0.50	0.50
20 STATES	24,065	102,887	86,489	16,398	0.02%	0.02%	0.02%	< 0.00	< 2.00	3.70	0.50	0.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.27.c SDWIS/FED (Round 2) Data- 1,3-Dichloropropane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%						
AK	3,550	625	481	144	0.00%	0.00%	0.00%						
AL													
AR	1,352	407	319	88	0.00%	0.00%	0.00%						
AZ	245	121	106	15	0.00%	0.00%	0.00%						
CA	80	14	11	3	0.00%	0.00%	0.00%						
CO	2,643	831	619	212	0.00%	0.00%	0.00%						
CT	2,240	86	44	42	0.00%	0.00%	0.00%						
IN	210	117	107	10	0.00%	0.00%	0.00%						
KY	1,837	388	189	199	0.26%	0.00%	0.50%						
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%						
MA	1,822	418	344	74	0.24%	0.29%	0.00%						
MD	4,867	976	920	56	0.00%	0.00%	0.00%						
ME	3,545	744	676	68	0.00%	0.00%	0.00%						
MI	6,967	2,735	2,644	91	0.00%	0.00%	0.00%						
MN	6,864	1,558	1,528	30	0.00%	0.00%	0.00%						
MO	9,177	1,413	1,297	116	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,3-Dichloropropane.					
MS													
NC	3,340	1,776	1,586	190	0.51%	0.44%	1.05%						
ND	382	296	258	38	0.00%	0.00%	0.00%						
NH													
NJ	19	16	14	2	0.00%	0.00%	0.00%						
NM	4,818	721	693	28	0.00%	0.00%	0.00%						
OH	17,789	2,232	2,050	182	0.09%	0.10%	0.00%						
OK	4,736	791	541	250	0.00%	0.00%	0.00%						
OR	2,668	1,089	938	151	0.00%	0.00%	0.00%						
PA													
RI	422	114	102	12	0.00%	0.00%	0.00%						
SC	4,017	907	806	101	0.00%	0.00%	0.00%						
SD	24	16	12	4	0.00%	0.00%	0.00%						
TN	532	77	30	47	0.00%	0.00%	0.00%						
TX	16,754	4,412	3,825	587	0.00%	0.00%	0.00%						
VT	1,810	559	495	64	0.18%	0.20%	0.00%						
WA	9,354	2,539	2,420	119	0.04%	0.04%	0.00%						
WI	360	200	197	3	0.00%	0.00%	0.00%						
TOTAL	116,511	27,510	24,514	2,996	0.05%	0.05%	0.10%						
20 STATES	102,887	24,065	21,430	2,635	0.06%	0.05%	0.11%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.28.a SDWIS/FED (Round 2) Data- 2,2-Dichloropropane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%				< 1.00
AK	625	481	144	0.00%	0.00%	0.00%				< 0.00
AL										
AR	407	319	88	0.00%	0.00%	0.00%				< 0.14
AZ	121	106	15	0.00%	0.00%	0.00%				< 2.00
CA	14	11	3	0.00%	0.00%	0.00%				< 0.50
CO	831	619	212	0.12%	0.16%	0.00%				< 0.00
CT	86	44	42	0.00%	0.00%	0.00%				< 0.00
IN	117	107	10	0.00%	0.00%	0.00%				< 2.00
KY	408	195	213	0.25%	0.51%	0.00%				< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%				< 0.50
MA	418	344	74	0.00%	0.00%	0.00%				< 0.50
MD	976	920	56	0.10%	0.00%	1.79%				< 0.50
ME	744	676	68	0.00%	0.00%	0.00%				< 0.00
MI	2,735	2,644	91	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 2,2-Dichloropropane.			< 0.00
MN	1,558	1,528	30	0.00%	0.00%	0.00%				< 0.50
MO	1,413	1,297	116	0.00%	0.00%	0.00%				< 1.00
MS										
NC	1,776	1,586	190	0.51%	0.44%	1.05%				< 0.00
ND	296	258	38	0.00%	0.00%	0.00%				< 0.50
NH										
NJ	16	14	2	0.00%	0.00%	0.00%				< 1.00
NM	723	693	30	0.00%	0.00%	0.00%				< 1.00
OH	2,232	2,050	182	0.45%	0.29%	2.20%				< 0.50
OK	791	541	250	0.00%	0.00%	0.00%				< 0.00
OR	1,089	938	151	0.00%	0.00%	0.00%				< 0.00
PA										
RI	114	102	12	0.00%	0.00%	0.00%				< 1.00
SC	906	805	101	0.00%	0.00%	0.00%				< 0.50
SD	25	18	7	0.00%	0.00%	0.00%				< 0.50
TN	77	30	47	1.30%	0.00%	2.13%				< 0.00
TX	4,412	3,825	587	0.00%	0.00%	0.00%				< 1.00
VT	559	495	64	0.00%	0.00%	0.00%				< 0.00
WA	2,548	2,429	119	0.00%	0.00%	0.00%				< 0.00
WI	200	197	3	0.00%	0.00%	0.00%				< 2.00
TOTAL	27,549	24,534	3,015	0.08%	0.06%	0.27%				< 1.00
20 STATES	24,096	21,445	2,651	0.09%	0.07%	0.26%				< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.28.b SDWIS/FED (Round 2) Data- 2,2-Dichloropropane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,553	2,612	941	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL												
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.14	< 0.14		
AZ	121	244	173	71	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
CA	14	79	60	19	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,640	1,690	950	0.04%	0.06%	0.00%	< 0.00	< 0.00	0.90	0.90	0.90
CT	86	2,243	909	1,334	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN	117	210	194	16	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
KY	408	1,899	862	1,037	0.05%	0.12%	0.00%	< 0.20	< 2.50	0.64	0.64	0.64
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,820	1,369	451	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
MD	976	4,866	4,315	551	0.02%	0.00%	0.18%	< 0.10	< 0.50	0.10	0.10	0.10
ME	744	3,545	3,139	406	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,735	6,966	6,142	824	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,558	6,864	6,678	186	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 1.00		
MO	1,413	3,771	3,274	497	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
MS												
NC	1,776	3,340	2,879	461	0.33%	0.31%	0.43%	< 0.00	< 0.00	0.50	0.50	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH												
NJ	16	19	16	3	0.00%	0.00%	0.00%	< 0.10	< 1.00	< 1.00		
NM	723	4,819	4,595	224	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
OH	2,232	17,789	16,433	1,356	0.06%	0.04%	0.29%	< 0.50	< 0.50	7.90	0.70	2.14
OK	791	4,737	3,492	1,245	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	1,089	2,670	2,106	564	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	114	423	338	85	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	906	3,978	3,420	558	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
SD	25	32	24	8	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	77	532	191	341	0.19%	0.00%	0.29%	< 0.00	< 0.00	0.50	0.50	0.50
TX	4,412	16,759	12,119	4,640	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	559	1,807	1,600	207	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WA	2,548	9,554	8,668	886	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WI	200	360	356	4	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
TOTAL	27,549	111,340	92,530	18,810	0.02%	0.02%	0.04%	< 0.00	< 1.00	7.90	0.10	0.50
20 STATES	24,096	97,749	82,105	15,644	0.02%	0.02%	0.04%	< 0.00	< 1.00	7.90	0.10	0.57

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.28.c SDWIS/FED (Round 2) Data- 2,2-Dichloropropane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%						
AK	3,553	625	481	144	0.00%	0.00%	0.00%						
AL													
AR	1,352	407	319	88	0.00%	0.00%	0.00%						
AZ	244	121	106	15	0.00%	0.00%	0.00%						
CA	79	14	11	3	0.00%	0.00%	0.00%						
CO	2,640	831	619	212	0.12%	0.16%	0.00%						
CT	2,243	86	44	42	0.00%	0.00%	0.00%						
IN	210	117	107	10	0.00%	0.00%	0.00%						
KY	1,899	408	195	213	0.25%	0.51%	0.00%						
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%						
MA	1,820	418	344	74	0.00%	0.00%	0.00%						
MD	4,866	976	920	56	0.10%	0.00%	1.79%						
ME	3,545	744	676	68	0.00%	0.00%	0.00%						
MI	6,966	2,735	2,644	91	0.00%	0.00%	0.00%						
MN	6,864	1,558	1,528	30	0.00%	0.00%	0.00%						
MO	3,771	1,413	1,297	116	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 2,2-Dichloropropane.					
MS													
NC	3,340	1,776	1,586	190	0.51%	0.44%	1.05%						
ND	382	296	258	38	0.00%	0.00%	0.00%						
NH													
NJ	19	16	14	2	0.00%	0.00%	0.00%						
NM	4,819	723	693	30	0.00%	0.00%	0.00%						
OH	17,789	2,232	2,050	182	0.45%	0.29%	2.20%						
OK	4,737	791	541	250	0.00%	0.00%	0.00%						
OR	2,670	1,089	938	151	0.00%	0.00%	0.00%						
PA													
RI	423	114	102	12	0.00%	0.00%	0.00%						
SC	3,978	906	805	101	0.00%	0.00%	0.00%						
SD	32	25	18	7	0.00%	0.00%	0.00%						
TN	532	77	30	47	1.30%	0.00%	2.13%						
TX	16,759	4,412	3,825	587	0.00%	0.00%	0.00%						
VT	1,807	559	495	64	0.00%	0.00%	0.00%						
WA	9,554	2,548	2,429	119	0.00%	0.00%	0.00%						
WI	360	200	197	3	0.00%	0.00%	0.00%						
TOTAL	111,340	27,549	24,534	3,015	0.08%	0.06%	0.27%						
20 STATES	97,749	24,096	21,445	2,651	0.09%	0.07%	0.26%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.29.a SDWIS/FED (Round 2) Data- 1,1-Dichloropropene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%				< 1.00
AK	625	481	144	0.00%	0.00%	0.00%				< 0.00
AL										
AR	407	319	88	0.00%	0.00%	0.00%				< 0.13
AZ	121	106	15	0.00%	0.00%	0.00%				< 1.00
CA	14	11	3	0.00%	0.00%	0.00%				< 0.50
CO	831	619	212	0.00%	0.00%	0.00%				< 0.00
CT	86	44	42	0.00%	0.00%	0.00%				< 0.00
IN	113	105	8	0.00%	0.00%	0.00%				< 2.00
KY	385	188	197	0.26%	0.00%	0.51%				< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%				< 0.50
MA	418	344	74	0.00%	0.00%	0.00%				< 0.50
MD	976	920	56	0.00%	0.00%	0.00%				< 0.50
ME	744	676	68	0.00%	0.00%	0.00%				< 0.00
MI	2,735	2,644	91	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,1-Dichloropropene.			< 0.00
MN	1,558	1,528	30	0.06%	0.07%	0.00%				< 0.20
MO	1,413	1,297	116	0.00%	0.00%	0.00%				< 1.00
MS	1	1	0	100.00%	100.00%	0.00%				5.00
NC	1,776	1,586	190	0.56%	0.50%	1.05%				< 0.00
ND	296	258	38	0.00%	0.00%	0.00%				< 0.50
NH										
NJ	16	14	2	0.00%	0.00%	0.00%				< 1.08
NM	718	692	26	0.00%	0.00%	0.00%				< 1.00
OH	2,232	2,050	182	0.09%	0.10%	0.00%				< 0.50
OK	791	541	250	0.00%	0.00%	0.00%				< 0.00
OR	1,089	938	151	0.00%	0.00%	0.00%				< 0.00
PA										
RI	115	103	12	0.00%	0.00%	0.00%				< 1.00
SC	906	805	101	0.00%	0.00%	0.00%				< 0.50
SD	27	19	8	0.00%	0.00%	0.00%				< 0.50
TN	77	30	47	0.00%	0.00%	0.00%				< 0.00
TX	4,412	3,825	587	0.00%	0.00%	0.00%				< 1.00
VT	559	495	64	0.00%	0.00%	0.00%				< 0.00
WA	2,548	2,429	119	0.08%	0.04%	0.84%				< 0.00
WI	200	197	3	0.00%	0.00%	0.00%				< 2.00
TOTAL	27,521	24,527	2,994	0.06%	0.05%	0.13%				< 1.00
20 STATES	24,069	21,438	2,631	0.07%	0.06%	0.15%				< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.29.b SDWIS/FED (Round 2) Data- 1,1-Dichloropropene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,546	2,608	938	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL												
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.13	< 0.13		
AZ	121	244	172	72	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
CA	14	79	60	19	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,662	1,701	961	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
CT	86	2,242	913	1,329	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN	113	200	188	12	0.00%	0.00%	0.00%	< 0.06	< 2.00	< 2.00		
KY	385	1,823	839	984	0.05%	0.00%	0.10%	< 0.10	< 2.50	153.00	153.00	153.00
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,821	1,370	451	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
MD	976	4,867	4,316	551	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
ME	744	3,555	3,153	402	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,735	6,967	6,143	824	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,558	6,864	6,678	186	0.01%	0.01%	0.00%	< 0.00	< 0.20	0.20	0.20	0.20
MO	1,413	3,773	3,275	498	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
MS	1	1	1	0	100.00%	100.00%	0.00%	5.00	5.00	5.00	5.00	5.00
NC	1,776	3,338	2,877	461	0.36%	0.35%	0.43%	< 0.00	< 0.00	0.60	0.50	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH												
NJ	16	19	16	3	0.00%	0.00%	0.00%	< 0.10	< 1.08	< 1.08		
NM	718	4,830	4,612	218	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
OH	2,232	17,790	16,434	1,356	0.01%	0.01%	0.00%	< 0.50	< 0.50	0.50	0.50	0.50
OK	791	4,737	3,492	1,245	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	1,089	2,665	2,101	564	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	115	423	337	86	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	906	3,978	3,420	558	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	77	533	191	342	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	4,412	16,752	12,115	4,637	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	559	1,801	1,599	202	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.50		
WA	2,548	9,551	8,666	885	0.02%	0.01%	0.11%	< 0.00	< 0.00	0.60	0.10	0.35
WI	200	360	356	4	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
TOTAL	27,521	111,277	92,535	18,742	0.02%	0.02%	0.02%	< 0.00	< 1.00	153.00	0.10	0.50
20 STATES	24,069	97,698	82,111	15,587	0.02%	0.02%	0.03%	< 0.00	< 1.00	153.00	0.10	0.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.29.c SDWIS/FED (Round 2) Data- 1,1-Dichloropropene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%						
AK	3,546	625	481	144	0.00%	0.00%	0.00%						
AL													
AR	1,352	407	319	88	0.00%	0.00%	0.00%						
AZ	244	121	106	15	0.00%	0.00%	0.00%						
CA	79	14	11	3	0.00%	0.00%	0.00%						
CO	2,662	831	619	212	0.00%	0.00%	0.00%						
CT	2,242	86	44	42	0.00%	0.00%	0.00%						
IN	200	113	105	8	0.00%	0.00%	0.00%						
KY	1,823	385	188	197	0.26%	0.00%	0.51%						
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%						
MA	1,821	418	344	74	0.00%	0.00%	0.00%						
MD	4,867	976	920	56	0.00%	0.00%	0.00%						
ME	3,555	744	676	68	0.00%	0.00%	0.00%						
MI	6,967	2,735	2,644	91	0.00%	0.00%	0.00%						
MN	6,864	1,558	1,528	30	0.06%	0.07%	0.00%						
MO	3,773	1,413	1,297	116	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,1-Dichloropropene.					
MS	1	1	1	0	100.00%	100.00%	0.00%						
NC	3,338	1,776	1,586	190	0.56%	0.50%	1.05%						
ND	382	296	258	38	0.00%	0.00%	0.00%						
NH													
NJ	19	16	14	2	0.00%	0.00%	0.00%						
NM	4,830	718	692	26	0.00%	0.00%	0.00%						
OH	17,790	2,232	2,050	182	0.09%	0.10%	0.00%						
OK	4,737	791	541	250	0.00%	0.00%	0.00%						
OR	2,665	1,089	938	151	0.00%	0.00%	0.00%						
PA													
RI	423	115	103	12	0.00%	0.00%	0.00%						
SC	3,978	906	805	101	0.00%	0.00%	0.00%						
SD	35	27	19	8	0.00%	0.00%	0.00%						
TN	533	77	30	47	0.00%	0.00%	0.00%						
TX	16,752	4,412	3,825	587	0.00%	0.00%	0.00%						
VT	1,801	559	495	64	0.00%	0.00%	0.00%						
WA	9,551	2,548	2,429	119	0.08%	0.04%	0.84%						
WI	360	200	197	3	0.00%	0.00%	0.00%						
TOTAL	111,277	27,521	24,527	2,994	0.06%	0.05%	0.13%						
20 STATES	97,698	24,069	21,438	2,631	0.07%	0.06%	0.15%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.30.a SDWIS/FED (Round 2) Data- 1,3-Dichloropropene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	21	20	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
AK	625	481	144	0.16%	0.21%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL										
AR	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.08
AZ										
CA	16	12	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
CO	831	619	212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
CT	86	44	42	1.16%	0.00%	2.38%	0.00%	0.00%	0.00%	< 0.00
IN	86	80	6	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
KY	181	84	97	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	419	345	74	0.24%	0.29%	0.00%	0.00%	0.00%	0.00%	< 0.50
MD	976	920	56	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%	< 0.50
ME	744	676	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MI	2,735	2,644	91	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,480	1,450	30	2.91%	2.48%	23.33%	0.00%	0.00%	0.00%	0.20
MO	1,053	964	89	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MS										
NC	1,505	1,329	176	0.53%	0.45%	1.14%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NH	687	656	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NJ	12	10	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.61
NM	718	692	26	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
OH	2,232	2,050	182	0.13%	0.15%	0.00%	0.00%	0.00%	0.00%	< 0.50
OK										
OR	1,081	931	150	0.09%	0.00%	0.67%	0.00%	0.00%	0.00%	< 0.00
PA										
RI	102	92	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
SC										
SD	23	17	6	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	77	30	47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX										
VT	526	466	60	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
WA	715	668	47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
WI										
TOTAL	18,944	17,098	1,846	0.31%	0.28%	0.60%	0.00%	0.00%	0.00%	< 0.50
20 STATES	16,787	15,178	1,609	0.35%	0.32%	0.62%	0.00%	0.00%	0.00%	< 0.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for 1,3-Dichloropropene is 40 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.30.b SDWIS/FED (Round 2) Data- 1,3-Dichloropropene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	21	30	29	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,535	2,596	939	0.03%	0.04%	0.00%	< 0.00	< 0.00	39.00	39.00	39.00
AL												
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.08	< 0.08		
AZ												
CA	16	81	61	20	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,643	1,693	950	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
CT	86	2,265	934	1,331	0.04%	0.00%	0.08%	< 0.00	< 0.00	0.35	0.35	0.35
IN	86	153	147	6	0.00%	0.00%	0.00%	< 0.10	< 1.00	< 1.00		
KY	181	354	128	226	0.00%	0.00%	0.00%	< 0.10	< 1.00	< 1.00		
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	419	1,822	1,371	451	0.05%	0.07%	0.00%	< 0.00	< 0.50	0.99	0.99	0.99
MD	976	4,871	4,320	551	0.02%	0.02%	0.00%	< 0.50	< 0.50	0.60	0.60	0.60
ME	744	3,540	3,138	402	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,735	13,929	12,281	1,648	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,480	6,381	6,205	176	1.00%	0.81%	7.95%	< 0.00	0.20	22.00	0.20	0.40
MO	1,053	1,071	980	91	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MS												
NC	1,505	2,854	2,455	399	0.32%	0.29%	0.50%	< 0.00	< 0.00	0.50	0.50	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
NH	687	944	898	46	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ	12	15	12	3	0.00%	0.00%	0.00%	< 0.14	< 1.61	< 1.61		
NM	718	4,830	4,613	217	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
OH	2,232	17,788	16,432	1,356	0.02%	0.02%	0.00%	< 0.50	< 0.50	1.60	0.62	1.15
OK												
OR	1,081	2,617	2,071	546	0.04%	0.00%	0.18%	< 0.00	< 0.00	0.50	0.50	0.50
PA												
RI	102	291	241	50	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC												
SD	23	28	22	6	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	77	533	191	342	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX												
VT	526	1,597	1,405	192	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WA	715	1,427	1,279	148	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WI												
TOTAL	18,944	79,388	68,347	11,041	0.10%	0.09%	0.16%	< 0.00	< 0.50	39.00	0.20	0.50
20 STATES	16,787	70,631	62,095	8,536	0.11%	0.10%	0.20%	< 0.00	< 0.50	39.00	0.20	0.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.30.c SDWIS/FED (Round 2) Data- 1,3-Dichloropropene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	30	21	20	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	3,535	625	481	144	0.16%	0.21%	0.00%	0.16%	0.21%	0.00%	0.00%	0.00%	0.00%
AL													
AR	1,352	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ													
CA	81	16	12	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	2,643	831	619	212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	2,265	86	44	42	1.16%	0.00%	2.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	153	86	80	6	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	354	181	84	97	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1,822	419	345	74	0.24%	0.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	4,871	976	920	56	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	3,540	744	676	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	13,929	2,735	2,644	91	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	6,381	1,480	1,450	30	2.91%	2.48%	23.33%	0.07%	0.07%	0.00%	0.00%	0.00%	0.00%
MO	1,071	1,053	964	89	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
NC	2,854	1,505	1,329	176	0.53%	0.45%	1.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	382	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	944	687	656	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	15	12	10	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	4,830	718	692	26	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	17,788	2,232	2,050	182	0.13%	0.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK													
OR	2,617	1,081	931	150	0.09%	0.00%	0.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA													
RI	291	102	92	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC													
SD	28	23	17	6	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	533	77	30	47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX													
VT	1,597	526	466	60	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	1,427	715	668	47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI													
TOTAL	79,388	18,944	17,098	1,846	0.31%	0.28%	0.60%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%
20 STATES	70,631	16,787	15,178	1,609	0.35%	0.32%	0.62%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for 1,3-Dichloropropene is 40 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.31.a SDWIS/FED (Round 2) Data- Hexachlorobutadiene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 50.00
AK	625	481	144	3.36%	2.70%	5.56%	0.00%	0.00%	0.00%	< 0.00
AL										
AR	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.10
AZ	68	60	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	14	11	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
CO	831	619	212	0.24%	0.00%	0.94%	0.00%	0.00%	0.00%	< 0.00
CT	84	43	41	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN	117	107	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	121	50	71	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	418	344	74	0.24%	0.00%	1.35%	0.24%	0.29%	0.00%	< 0.50
MD	976	920	56	0.20%	0.11%	1.79%	0.00%	0.00%	0.00%	< 0.50
ME	744	676	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MI	2,739	2,647	92	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,558	1,528	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MO	1,412	1,297	115	0.07%	0.08%	0.00%	0.00%	0.00%	0.00%	< 1.00
MS	1	1		100.00%	100.00%		0.00%	0.00%		0.60
NC	1,775	1,585	190	0.51%	0.44%	1.05%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NH										
NJ	7	7		0.00%	0.00%		0.00%	0.00%		< 1.00
NM	720	693	27	0.14%	0.14%	0.00%	0.00%	0.00%	0.00%	< 1.00
OH	2,232	2,050	182	0.04%	0.05%	0.00%	0.04%	0.00%	0.55%	< 0.50
OK	790	541	249	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	17	15	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA										
RI	115	103	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
SC	237	216	21	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN										
TX	4,412	3,825	587	0.07%	0.08%	0.00%	0.05%	0.00%	0.34%	1.00
VT	1		1	0.00%		0.00%	0.00%		0.00%	< 0.50
WA	2,548	2,429	119	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
WI	191	188	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
TOTAL	24,815	22,294	2,521	0.17%	0.13%	0.56%	0.02%	0.00%	0.12%	< 1.00
20 STATES	22,736	20,380	2,356	0.18%	0.13%	0.59%	0.02%	0.00%	0.13%	< 1.00
19 STATES[1]	22,736	20,380	2,356	0.18%	0.13%	0.59%	0.02%	0.00%	0.13%	< 1.00

1. New Hampshire data not included in "19 States" summary statistics for Hexachlorobutadiene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Hexachlorobutadiene is 0.9 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.31.b SDWIS/FED (Round 2) Data- Hexachlorobutadiene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	61	59	2	0.00%	0.00%	0.00%	< 0.50	< 50.00	< 50.00		
AK	625	3,543	2,610	933	0.59%	0.50%	0.86%	< 0.00	< 0.00	0.80	0.10	0.20
AL												
AR	407	1,351	1,077	274	0.00%	0.00%	0.00%	< 0.00	< 0.10	< 0.10		
AZ	68	134	114	20	0.00%	0.00%	0.00%	< 0.40	< 1.00	< 1.00		
CA	14	79	60	19	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,640	1,690	950	0.08%	0.00%	0.21%	< 0.00	< 0.00	0.20	0.10	0.15
CT	84	1,951	858	1,093	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN	117	210	194	16	0.00%	0.00%	0.00%	< 0.13	< 2.00	< 2.00		
KY	121	571	203	368	0.00%	0.00%	0.00%	< 0.40	< 2.50	< 2.50		
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,819	1,367	452	0.05%	0.00%	0.22%	< 0.00	< 0.50	1.10	1.10	1.10
MD	976	4,857	4,306	551	0.04%	0.02%	0.18%	< 0.10	< 0.50	0.60	0.10	0.35
ME	744	3,546	3,142	404	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,739	7,351	6,445	906	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,558	6,864	6,678	186	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 1.00		
MO	1,412	3,779	3,283	496	0.03%	0.03%	0.00%	< 0.00	< 1.00	0.30	0.30	0.30
MS	1	1	1		100.00%	100.00%		0.60	0.60	0.60	0.60	0.60
NC	1,775	3,337	2,877	460	0.33%	0.31%	0.43%	< 0.00	< 0.00	0.50	0.50	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH												
NJ	7	7	7		0.00%	0.00%		< 0.47	< 1.00	< 1.00		
NM	720	4,265	4,065	200	0.02%	0.02%	0.00%	< 0.50	< 1.00	0.80	0.80	0.80
OH	2,232	17,788	16,432	1,356	0.01%	0.01%	0.00%	< 0.50	< 0.50	1.06	1.06	1.06
OK	790	4,735	3,491	1,244	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	17	20	18	2	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	115	424	338	86	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	237	425	385	40	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN												
TX	4,412	16,746	12,111	4,635	0.02%	0.02%	0.00%	< 0.70	1.00	1.50	0.70	1.40
VT	1	1		1	0.00%		0.00%	< 0.50	< 0.50	< 0.50		
WA	2,548	9,567	8,683	884	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WI	191	349	345	4	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
TOTAL	24,815	100,893	84,632	16,261	0.04%	0.04%	0.09%	< 0.00	< 1.00	1.50	0.10	0.30
20 STATES	22,736	93,585	79,132	14,453	0.05%	0.04%	0.10%	< 0.00	< 1.00	1.50	0.10	0.30
19 STATES[1]	22,736	93,585	79,132	14,453	0.05%	0.04%	0.10%	< 0.00	< 1.00	1.50	0.10	0.30

1. New Hampshire data not included in "19 States" summary statistics for Hexachlorobutadiene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.31.c SDWIS/FED (Round 2) Data- Hexachlorobutadiene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	61	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	3,543	625	481	144	3.36%	2.70%	5.56%	0.32%	0.21%	0.69%	0.00%	0.00%	0.00%
AL													
AR	1,351	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	134	68	60	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	79	14	11	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	2,640	831	619	212	0.24%	0.00%	0.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	1,951	84	43	41	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	210	117	107	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	571	121	50	71	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1,819	418	344	74	0.24%	0.00%	1.35%	0.24%	0.00%	1.35%	0.24%	0.29%	0.00%
MD	4,857	976	920	56	0.20%	0.11%	1.79%	0.10%	0.00%	1.79%	0.00%	0.00%	0.00%
ME	3,546	744	676	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	7,351	2,739	2,647	92	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	6,864	1,558	1,528	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	3,779	1,412	1,297	115	0.07%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	1	1	1		100.00%	100.00%		100.00%	100.00%		0.00%	0.00%	
NC	3,337	1,775	1,585	190	0.51%	0.44%	1.05%	0.51%	0.44%	1.05%	0.00%	0.00%	0.00%
ND	382	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH													
NJ	7	7	7		0.00%	0.00%		0.00%	0.00%		0.00%	0.00%	
NM	4,265	720	693	27	0.14%	0.14%	0.00%	0.14%	0.14%	0.00%	0.00%	0.00%	0.00%
OH	17,788	2,232	2,050	182	0.04%	0.05%	0.00%	0.04%	0.05%	0.00%	0.04%	0.00%	0.55%
OK	4,735	790	541	249	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	20	17	15	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA													
RI	424	115	103	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	425	237	216	21	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	35	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN													
TX	16,746	4,412	3,825	587	0.07%	0.08%	0.00%	0.07%	0.08%	0.00%	0.05%	0.00%	0.34%
VT	1	1		1	0.00%		0.00%	0.00%		0.00%	0.00%		0.00%
WA	9,567	2,548	2,429	119	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI	349	191	188	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	100,893	24,815	22,294	2,521	0.17%	0.13%	0.56%	0.08%	0.06%	0.20%	0.02%	0.00%	0.12%
20 STATES	93,585	22,736	20,380	2,356	0.18%	0.13%	0.59%	0.08%	0.06%	0.21%	0.02%	0.00%	0.13%
19 STATES[1]	93,585	22,736	20,380	2,356	0.18%	0.13%	0.59%	0.08%	0.06%	0.21%	0.02%	0.00%	0.13%

1. New Hampshire data not included in "19 States" summary statistics for Hexachlorobutadiene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Hexachlorobutadiene is 0.9 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.32.a SDWIS/FED (Round 2) Data- Isopropylbenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%				< 1.00
AK	625	481	144	2.08%	1.87%	2.78%				< 0.00
AL	1	1	0	100.00%	100.00%	0.00%				8.90
AR	407	319	88	0.00%	0.00%	0.00%				< 0.07
AZ	68	60	8	0.00%	0.00%	0.00%				< 1.00
CA	14	11	3	0.00%	0.00%	0.00%				< 0.50
CO	831	619	212	1.20%	1.45%	0.47%				< 0.00
CT	84	43	41	1.19%	2.33%	0.00%				< 0.00
IN	117	107	10	0.00%	0.00%	0.00%				< 2.00
KY	370	187	183	0.00%	0.00%	0.00%				< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%				< 0.50
MA	418	344	74	0.00%	0.00%	0.00%				< 0.50
MD	976	920	56	0.20%	0.11%	1.79%				< 0.50
ME	744	676	68	0.13%	0.15%	0.00%				< 0.00
MI	2,735	2,644	91	0.18%	0.19%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Isopropylbenzene.			< 0.00
MN	1,558	1,528	30	0.39%	0.39%	0.00%				< 0.50
MO	1,412	1,297	115	0.00%	0.00%	0.00%				< 2.00
MS	1	1	0	100.00%	100.00%	0.00%				1.00
NC	1,793	1,599	194	0.61%	0.56%	1.03%				< 0.00
ND	296	258	38	0.00%	0.00%	0.00%				< 0.50
NH	1	0	1	100.00%	0.00%	100.00%				1.70
NJ	7	7	0	0.00%	0.00%	0.00%				< 1.00
NM	716	690	26	0.42%	0.43%	0.00%				< 1.00
OH	2,232	2,050	182	0.22%	0.24%	0.00%				< 0.50
OK	791	541	250	0.00%	0.00%	0.00%				< 0.00
OR	17	15	2	0.00%	0.00%	0.00%				< 0.00
PA										
RI	115	103	12	0.00%	0.00%	0.00%				< 1.00
SC	241	219	22	0.00%	0.00%	0.00%				< 0.50
SD	27	19	8	0.00%	0.00%	0.00%				< 0.50
TN										
TX	4,413	3,826	587	0.00%	0.00%	0.00%				< 1.00
VT	1	0	1	0.00%	0.00%	0.00%				< 0.50
WA	2,546	2,427	119	0.00%	0.00%	0.00%				< 0.00
WI	191	188	3	0.00%	0.00%	0.00%				< 0.30
TOTAL	25,080	22,442	2,638	0.24%	0.23%	0.34%				< 2.00
20 STATES	22,996	20,524	2,472	0.25%	0.23%	0.36%				< 2.00
19 STATES[1]	22,995	20,524	2,471	0.24%	0.23%	0.32%				< 2.00

1. New Hampshire data not included in "19 States" summary statistics for Isopropylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.32.b SDWIS/FED (Round 2) Data- Isopropylbenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,544	2,607	937	0.62%	0.69%	0.43%	< 0.00	< 0.00	9.40	0.10	0.46
AL	1	1	1	0	100.00%	100.00%	0.00%	8.90	8.90	8.90	8.90	8.90
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.07	< 0.07		
AZ	68	133	113	20	0.00%	0.00%	0.00%	< 0.40	< 1.00	< 1.00		
CA	14	79	60	19	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,640	1,689	951	0.64%	0.95%	0.11%	< 0.00	< 0.00	1.60	0.20	0.80
CT	84	1,952	849	1,103	0.05%	0.12%	0.00%	< 0.00	< 0.00	2.20	2.20	2.20
IN	117	210	194	16	0.00%	0.00%	0.00%	< 0.10	< 2.00	< 2.00		
KY	370	1,576	754	822	0.00%	0.00%	0.00%	< 0.40	< 2.50	< 2.50		
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,819	1,369	450	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
MD	976	4,857	4,306	551	0.04%	0.02%	0.18%	< 0.50	< 0.50	1.60	0.90	1.25
ME	744	3,546	3,143	403	0.03%	0.03%	0.00%	< 0.00	< 0.00	2.70	2.70	2.70
MI	2,735	6,964	6,140	824	0.13%	0.15%	0.00%	< 0.00	< 0.00	3.20	0.50	0.90
MN	1,558	6,862	6,676	186	0.12%	0.12%	0.00%	< 0.00	< 0.50	15.00	0.50	0.75
MO	1,412	3,779	3,283	496	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
MS	1	1	1	0	100.00%	100.00%	0.00%	1.00	1.00	1.00	1.00	1.00
NC	1,793	3,400	2,911	489	0.35%	0.34%	0.41%	< 0.00	< 0.00	0.90	0.50	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH	1	2	0	2	100.00%	0.00%	100.00%	1.30	1.70	1.70	1.30	1.50
NJ	7	7	7	0	0.00%	0.00%	0.00%	< 0.27	< 1.00	< 1.00		
NM	716	4,264	4,064	200	0.19%	0.20%	0.00%	< 0.40	< 1.00	2.30	0.40	0.77
OH	2,232	17,788	16,432	1,356	0.03%	0.03%	0.00%	< 0.50	< 0.50	1.60	0.50	0.57
OK	791	4,737	3,492	1,245	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	17	20	18	2	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	115	424	338	86	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	241	431	390	41	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN												
TX	4,413	16,893	12,231	4,662	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1	0	1	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WA	2,546	9,536	8,651	885	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WI	191	349	345	4	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
TOTAL	25,080	101,671	84,966	16,705	0.09%	0.09%	0.06%	< 0.00	< 2.00	15.00	0.10	0.68
20 STATES	22,996	94,385	79,498	14,887	0.09%	0.10%	0.07%	< 0.00	< 2.00	15.00	0.10	0.60
19 STATES[1]	22,995	94,383	79,498	14,885	0.09%	0.10%	0.05%	< 0.00	< 2.00	15.00	0.10	0.60

1. New Hampshire data not included in "19 States" summary statistics for Isopropylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.32.c SDWIS/FED (Round 2) Data- Isopropylbenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%						
AK	3,544	625	481	144	2.08%	1.87%	2.78%						
AL	1	1	1	0	100.00%	100.00%	0.00%						
AR	1,352	407	319	88	0.00%	0.00%	0.00%						
AZ	133	68	60	8	0.00%	0.00%	0.00%						
CA	79	14	11	3	0.00%	0.00%	0.00%						
CO	2,640	831	619	212	1.20%	1.45%	0.47%						
CT	1,952	84	43	41	1.19%	2.33%	0.00%						
IN	210	117	107	10	0.00%	0.00%	0.00%						
KY	1,576	370	187	183	0.00%	0.00%	0.00%						
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%						
MA	1,819	418	344	74	0.00%	0.00%	0.00%						
MD	4,857	976	920	56	0.20%	0.11%	1.79%						
ME	3,546	744	676	68	0.13%	0.15%	0.00%						
MI	6,964	2,735	2,644	91	0.18%	0.19%	0.00%						
MN	6,862	1,558	1,528	30	0.39%	0.39%	0.00%						
MO	3,779	1,412	1,297	115	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Isopropylbenzene.					
MS	1	1	1	0	100.00%	100.00%	0.00%						
NC	3,400	1,793	1,599	194	0.61%	0.56%	1.03%						
ND	382	296	258	38	0.00%	0.00%	0.00%						
NH	2	1	0	1	100.00%	0.00%	100.00%						
NJ	7	7	7	0	0.00%	0.00%	0.00%						
NM	4,264	716	690	26	0.42%	0.43%	0.00%						
OH	17,788	2,232	2,050	182	0.22%	0.24%	0.00%						
OK	4,737	791	541	250	0.00%	0.00%	0.00%						
OR	20	17	15	2	0.00%	0.00%	0.00%						
PA													
RI	424	115	103	12	0.00%	0.00%	0.00%						
SC	431	241	219	22	0.00%	0.00%	0.00%						
SD	35	27	19	8	0.00%	0.00%	0.00%						
TN													
TX	16,893	4,413	3,826	587	0.00%	0.00%	0.00%						
VT	1	1	0	1	0.00%	0.00%	0.00%						
WA	9,536	2,546	2,427	119	0.00%	0.00%	0.00%						
WI	349	191	188	3	0.00%	0.00%	0.00%						
TOTAL	101,671	25,080	22,442	2,638	0.24%	0.23%	0.34%						
20 STATES	94,385	22,996	20,524	2,472	0.25%	0.23%	0.36%						
19 STATES[1]	94,383	22,995	20,524	2,471	0.24%	0.23%	0.32%						

1. New Hampshire data not included in "19 States" summary statistics for Isopropylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.33.a SDWIS/FED (Round 2) Data- m-Dichlorobenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HAL	% GW PWS > HAL	% SW PWS > HAL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 10.00
AK	625	481	144	1.12%	0.83%	2.08%	0.00%	0.00%	0.00%	< 0.00
AL										
AR	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.08
AZ	121	106	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 5.00
CA	16	12	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
CO	831	619	212	1.32%	0.81%	2.83%	0.00%	0.00%	0.00%	< 0.00
CT	86	44	42	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN	117	107	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	432	207	225	0.23%	0.00%	0.44%	0.00%	0.00%	0.00%	< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	418	344	74	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MD	976	920	56	0.51%	0.33%	3.57%	0.00%	0.00%	0.00%	< 0.50
ME	744	676	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MI	2,735	2,644	91	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,558	1,528	30	0.13%	0.13%	0.00%	0.00%	0.00%	0.00%	< 0.20
MO	1,413	1,297	116	0.07%	0.08%	0.00%	0.00%	0.00%	0.00%	< 0.50
MS										
NC	1,775	1,584	191	0.56%	0.51%	1.05%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NH										
NJ	17	15	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NM	719	691	28	0.14%	0.14%	0.00%	0.00%	0.00%	0.00%	< 1.00
OH	2,232	2,050	182	0.90%	0.98%	0.00%	0.00%	0.00%	0.00%	< 0.50
OK	792	541	251	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	1,087	936	151	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA										
RI	114	102	12	0.88%	0.98%	0.00%	0.00%	0.00%	0.00%	< 1.00
SC	907	806	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	77	30	47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	4,412	3,825	587	0.05%	0.05%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	558	494	64	0.18%	0.20%	0.00%	0.00%	0.00%	0.00%	< 0.00
WA	2,553	2,435	118	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
WI	200	197	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
TOTAL	27,577	24,549	3,028	0.23%	0.20%	0.46%	0.00%	0.00%	0.00%	< 1.00
20 STATES	24,119	21,457	2,662	0.26%	0.22%	0.53%	0.00%	0.00%	0.00%	< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > HAL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HAL.

The Health Advisory Level (HAL) for m-Dichlorobenzene is 600 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.33.b SDWIS/FED (Round 2) Data- m-Dichlorobenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	61	59	2	0.00%	0.00%	0.00%	< 0.50	< 10.00	< 10.00		
AK	625	3,564	2,626	938	0.20%	0.15%	0.32%	< 0.00	< 0.00	0.30	0.10	0.10
AL												
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.08	< 0.08		
AZ	121	243	172	71	0.00%	0.00%	0.00%	< 0.20	< 5.00	< 9.00		
CA	16	81	61	20	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,638	1,688	950	0.83%	0.71%	1.05%	< 0.00	< 0.00	4.30	0.10	0.40
CT	86	2,262	918	1,344	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN	117	210	194	16	0.00%	0.00%	0.00%	< 0.10	< 2.00	< 2.00		
KY	432	1,973	898	1,075	0.05%	0.00%	0.09%	< 0.10	< 2.50	2.00	2.00	2.00
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,821	1,370	451	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
MD	976	4,860	4,308	552	0.14%	0.12%	0.36%	< 0.20	< 0.50	15.20	0.20	0.40
ME	744	3,537	3,134	403	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,735	6,965	6,141	824	0.06%	0.07%	0.00%	< 0.00	< 0.00	1.20	0.80	0.95
MN	1,558	6,864	6,678	186	0.03%	0.03%	0.00%	< 0.00	< 0.20	0.40	0.20	0.30
MO	1,413	3,773	3,275	498	0.03%	0.03%	0.00%	< 0.00	< 0.50	0.60	0.60	0.60
MS												
NC	1,775	3,359	2,891	468	0.36%	0.35%	0.43%	< 0.00	< 0.00	2.00	0.50	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH												
NJ	17	20	17	3	0.00%	0.00%	0.00%	< 0.09	< 0.50	< 0.50		
NM	719	4,826	4,606	220	0.02%	0.02%	0.00%	< 0.50	< 1.00	2.30	2.30	2.30
OH	2,232	17,789	16,433	1,356	0.13%	0.15%	0.00%	< 0.50	< 0.50	4.35	0.50	1.11
OK	792	4,747	3,492	1,255	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	1,087	2,655	2,093	562	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	114	420	337	83	0.24%	0.30%	0.00%	< 0.00	< 1.00	1.00	1.00	1.00
SC	907	3,985	3,425	560	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	77	533	191	342	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	4,412	16,827	12,174	4,653	0.01%	0.02%	0.00%	< 0.60	< 1.00	3.84	0.60	2.22
VT	558	1,810	1,604	206	0.06%	0.06%	0.00%	< 0.00	< 0.00	1.40	1.40	1.40
WA	2,553	9,896	8,892	1,004	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WI	200	360	356	4	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
TOTAL	27,577	111,903	92,904	18,999	0.08%	0.07%	0.09%	< 0.00	< 1.00	15.20	0.10	0.57
20 STATES	24,119	98,248	82,430	15,818	0.09%	0.08%	0.11%	< 0.00	< 1.00	15.20	0.10	0.57

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.33.c SDWIS/FED (Round 2) Data- m-Dichlorobenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HAL	% GW PWS > 1/2 HAL	% SW PWS > 1/2 HAL	% PWS > HAL	% GW PWS > HAL	% SW PWS > HAL
Tribes (06)	61	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	3,564	625	481	144	1.12%	0.83%	2.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL													
AR	1,352	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	243	121	106	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	81	16	12	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	2,638	831	619	212	1.32%	0.81%	2.83%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	2,262	86	44	42	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	210	117	107	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	1,973	432	207	225	0.23%	0.00%	0.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1,821	418	344	74	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	4,860	976	920	56	0.51%	0.33%	3.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	3,537	744	676	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	6,965	2,735	2,644	91	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	6,864	1,558	1,528	30	0.13%	0.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	3,773	1,413	1,297	116	0.07%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
NC	3,359	1,775	1,584	191	0.56%	0.51%	1.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	382	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH													
NJ	20	17	15	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	4,826	719	691	28	0.14%	0.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	17,789	2,232	2,050	182	0.90%	0.98%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	4,747	792	541	251	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,655	1,087	936	151	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA													
RI	420	114	102	12	0.88%	0.98%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	3,985	907	806	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	35	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	533	77	30	47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	16,827	4,412	3,825	587	0.05%	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1,810	558	494	64	0.18%	0.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	9,896	2,553	2,435	118	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI	360	200	197	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	111,903	27,577	24,549	3,028	0.23%	0.20%	0.46%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
20 STATES	98,248	24,119	21,457	2,662	0.26%	0.22%	0.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > HAL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HAL.

The Health Advisory Level (HAL) for m-Dichlorobenzene is 600 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.34.a SDWIS/FED (Round 2) Data- n-Butylbenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%				< 1.00
AK	625	481	144	0.80%	0.83%	0.69%				< 0.00
AL										
AR	402	315	87	0.00%	0.00%	0.00%				< 0.10
AZ	68	60	8	0.00%	0.00%	0.00%				< 1.00
CA	14	11	3	0.00%	0.00%	0.00%				< 0.50
CO	831	619	212	0.00%	0.00%	0.00%				< 0.00
CT	84	43	41	0.00%	0.00%	0.00%				< 0.00
IN	117	107	10	0.00%	0.00%	0.00%				< 2.00
KY	361	183	178	0.28%	0.00%	0.56%				< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%				< 0.50
MA	418	344	74	0.00%	0.00%	0.00%				< 0.50
MD	976	920	56	0.20%	0.22%	0.00%				< 0.50
ME	744	676	68	0.00%	0.00%	0.00%				< 0.00
MI	2,735	2,644	91	0.04%	0.04%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for n-Butylbenzene.			< 0.00
MN	1,558	1,528	30	0.39%	0.39%	0.00%				< 0.50
MO	1,412	1,297	115	0.00%	0.00%	0.00%				< 2.00
MS	1	1	0	100.00%	100.00%					0.60
NC	1,777	1,587	190	0.51%	0.44%	1.05%				< 0.00
ND	296	258	38	0.00%	0.00%	0.00%				< 0.50
NH	1		1	100.00%		100.00%				1.10
NJ	7	7	0	0.00%	0.00%					< 1.00
NM	722	694	28	0.14%	0.14%	0.00%				< 1.00
OH	2,232	2,050	182	0.13%	0.15%	0.00%				< 0.50
OK	791	541	250	0.00%	0.00%	0.00%				< 0.00
OR	17	15	2	0.00%	0.00%	0.00%				< 0.00
PA										
RI	115	103	12	0.00%	0.00%	0.00%				< 1.00
SC	237	216	21	0.00%	0.00%	0.00%				< 0.50
SD	27	19	8	0.00%	0.00%	0.00%				< 0.50
TN										
TX	4,412	3,825	587	0.00%	0.00%	0.00%				< 1.00
VT	1		1	0.00%		0.00%				< 0.50
WA	2,548	2,429	119	0.04%	0.00%	0.84%				< 0.00
WI	189	186	3	0.00%	0.00%	0.00%				< 0.30
TOTAL	25,050	22,421	2,629	0.12%	0.11%	0.23%				< 2.00
20 STATES	22,973	20,509	2,464	0.13%	0.12%	0.24%				< 2.00
19 STATES[1]	22,972	20,509	2,463	0.13%	0.12%	0.20%				< 2.00

1. New Hampshire data not included in "19 States" summary statistics for n-Butylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.34.b SDWIS/FED (Round 2) Data- n-Butylbenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,544	2,608	936	0.23%	0.27%	0.11%	< 0.00	< 0.00	1.30	0.10	0.30
AL												
AR	402	1,057	833	224	0.00%	0.00%	0.00%	< 0.00	< 0.10	< 0.10		
AZ	68	134	115	19	0.00%	0.00%	0.00%	< 0.40	< 1.00	< 1.00		
CA	14	80	61	19	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,639	1,688	951	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
CT	84	1,949	857	1,092	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN	117	211	195	16	0.00%	0.00%	0.00%	< 0.07	< 2.00	< 2.00		
KY	361	1,551	745	806	0.06%	0.00%	0.12%	< 0.40	< 2.50	0.54	0.54	0.54
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,821	1,370	451	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
MD	976	4,857	4,306	551	0.04%	0.05%	0.00%	< 0.10	< 0.50	84.00	0.10	42.05
ME	744	3,551	3,148	403	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,735	6,969	6,145	824	0.03%	0.03%	0.00%	< 0.00	< 0.00	3.90	3.10	3.50
MN	1,558	6,864	6,678	186	0.10%	0.10%	0.00%	< 0.00	< 0.50	20.00	0.60	1.10
MO	1,412	3,779	3,283	496	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
MS	1	1	1	0	100.00%	100.00%	0.00%	0.60	0.60	0.60	0.60	0.60
NC	1,777	3,346	2,882	464	0.33%	0.31%	0.43%	< 0.00	< 0.00	0.50	0.50	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH	1	2		2	100.00%		100.00%	0.97	1.10	1.10	0.97	1.04
NJ	7	7	7	0	0.00%	0.00%	0.00%	< 0.34	< 1.00	< 1.00		
NM	722	4,275	4,071	204	0.02%	0.02%	0.00%	< 0.50	< 1.00	1.30	1.30	1.30
OH	2,232	17,789	16,433	1,356	0.02%	0.02%	0.00%	< 0.50	< 0.50	1.30	0.50	0.88
OK	791	4,737	3,492	1,245	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	17	20	18	2	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	115	422	337	85	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	237	425	385	40	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN												
TX	4,412	16,770	12,125	4,645	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	1	1		1	0.00%		0.00%	< 0.50	< 0.50	< 0.50		
WA	2,548	9,547	8,662	885	0.01%	0.00%	0.11%	< 0.00	< 0.00	0.10	0.10	0.10
WI	189	344	340	4	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
TOTAL	25,050	101,196	84,609	16,587	0.04%	0.04%	0.04%	< 0.00	< 2.00	84.00	0.10	0.52
20 STATES	22,973	93,922	79,140	14,782	0.04%	0.04%	0.05%	< 0.00	< 2.00	84.00	0.10	0.50
19 STATES[1]		93,920	79,140	14,780	0.04%	0.04%	0.03%	< 0.00	< 2.00	84.00	0.10	0.50

1. New Hampshire data not included in "19 States" summary statistics for n-Butylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.34.c SDWIS/FED (Round 2) Data- n-Butylbenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%						
AK	3,544	625	481	144	0.80%	0.83%	0.69%						
AL													
AR	1,057	402	315	87	0.00%	0.00%	0.00%						
AZ	134	68	60	8	0.00%	0.00%	0.00%						
CA	80	14	11	3	0.00%	0.00%	0.00%						
CO	2,639	831	619	212	0.00%	0.00%	0.00%						
CT	1,949	84	43	41	0.00%	0.00%	0.00%						
IN	211	117	107	10	0.00%	0.00%	0.00%						
KY	1,551	361	183	178	0.28%	0.00%	0.56%						
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%						
MA	1,821	418	344	74	0.00%	0.00%	0.00%						
MD	4,857	976	920	56	0.20%	0.22%	0.00%						
ME	3,551	744	676	68	0.00%	0.00%	0.00%						
MI	6,969	2,735	2,644	91	0.04%	0.04%	0.00%						
MN	6,864	1,558	1,528	30	0.39%	0.39%	0.00%						
MO	3,779	1,412	1,297	115	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for n-Butylbenzene.					
MS	1	1	1	0	100.00%	100.00%	0.00%						
NC	3,346	1,777	1,587	190	0.51%	0.44%	1.05%						
ND	382	296	258	38	0.00%	0.00%	0.00%						
NH	2	1		1	100.00%		100.00%						
NJ	7	7	7	0	0.00%	0.00%	0.00%						
NM	4,275	722	694	28	0.14%	0.14%	0.00%						
OH	17,789	2,232	2,050	182	0.13%	0.15%	0.00%						
OK	4,737	791	541	250	0.00%	0.00%	0.00%						
OR	20	17	15	2	0.00%	0.00%	0.00%						
PA													
RI	422	115	103	12	0.00%	0.00%	0.00%						
SC	425	237	216	21	0.00%	0.00%	0.00%						
SD	35	27	19	8	0.00%	0.00%	0.00%						
TN													
TX	16,770	4,412	3,825	587	0.00%	0.00%	0.00%						
VT	1	1		1	0.00%		0.00%						
WA	9,547	2,548	2,429	119	0.04%	0.00%	0.84%						
WI	344	189	186	3	0.00%	0.00%	0.00%						
TOTAL	101,196	25,050	22,421	2,629	0.12%	0.11%	0.23%						
20 STATES	93,922	22,973	20,509	2,464	0.13%	0.12%	0.24%						
19 STATES[1]	93,920	22,972	20,509	2,463	0.13%	0.12%	0.20%						

1. New Hampshire data not included in "19 States" summary statistics for n-Butylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.35.a SDWIS/FED (Round 2) Data- n-Propylbenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%				< 1.00
AK	625	481	144	2.08%	1.46%	4.17%				< 0.00
AL	1	1	0	100.00%	100.00%	0.00%				0.90
AR	407	319	88	0.00%	0.00%	0.00%				< 0.08
AZ	52	47	5	0.00%	0.00%	0.00%				< 1.00
CA	14	11	3	0.00%	0.00%	0.00%				< 0.50
CO	831	619	212	0.12%	0.16%	0.00%				< 0.00
CT	84	43	41	1.19%	2.33%	0.00%				< 0.00
IN	115	105	10	0.87%	0.95%	0.00%				< 2.00
KY	370	187	183	0.27%	0.00%	0.55%				< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%				< 0.50
MA	418	344	74	0.48%	0.29%	1.35%				< 0.50
MD	976	920	56	0.20%	0.11%	1.79%				< 0.50
ME	744	676	68	0.00%	0.00%	0.00%				< 0.00
MI	2,735	2,644	91	0.15%	0.15%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for n-Propylbenzene.			< 0.00
MN	1,558	1,528	30	0.51%	0.46%	3.33%				< 0.50
MO	1,412	1,297	115	0.00%	0.00%	0.00%				< 2.00
MS	2	2	0	100.00%	100.00%	0.00%				6.00
NC	1,799	1,605	194	0.50%	0.44%	1.03%				< 0.00
ND	296	258	38	0.00%	0.00%	0.00%				< 0.50
NH	1	0	1	100.00%	0.00%	100.00%				1.00
NJ	7	7	0	0.00%	0.00%	0.00%				< 1.00
NM	686	662	24	0.29%	0.30%	0.00%				< 1.00
OH	2,232	2,050	182	0.22%	0.24%	0.00%				< 0.50
OK	791	541	250	0.00%	0.00%	0.00%				< 0.00
OR	15	13	2	0.00%	0.00%	0.00%				< 0.00
PA										
RI	112	100	12	0.00%	0.00%	0.00%				< 1.00
SC	263	239	24	0.00%	0.00%	0.00%				< 0.50
SD	27	19	8	0.00%	0.00%	0.00%				< 0.50
TN										
TX	4,416	3,830	586	0.11%	0.10%	0.17%				< 1.00
VT	2	1	1	0.00%	0.00%	0.00%				< 1.10
WA	2,546	2,427	119	0.04%	0.00%	0.84%				< 0.00
WI	189	186	3	0.00%	0.00%	0.00%				< 0.30
TOTAL	25,058	22,424	2,634	0.24%	0.20%	0.57%				< 2.00
20 STATES	22,970	20,501	2,469	0.24%	0.19%	0.61%				< 2.00
19 STATES[1]	22,969	20,501	2,468	0.23%	0.19%	0.57%				< 2.00

1. New Hampshire data not included in "19 States" summary statistics for n-Propylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.35.b SDWIS/FED (Round 2) Data- n-Propylbenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,537	2,602	935	0.68%	0.61%	0.86%	< 0.00	< 0.00	9.70	0.1	0.425
AL	1	1	1	0	100.00%	100.00%	0.00%	0.90	0.90	0.90	0.9	0.9
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.08	< 0.08		
AZ	52	91	85	6	0.00%	0.00%	0.00%	< 0.40	< 1.00	< 1.00		
CA	14	80	61	19	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,639	1,689	950	0.04%	0.06%	0.00%	< 0.00	< 0.00	0.12	0.12	0.12
CT	84	1,942	847	1,095	0.05%	0.12%	0.00%	< 0.00	< 0.00	0.68	0.68	0.68
IN	115	210	194	16	0.48%	0.52%	0.00%	< 0.10	< 2.00	1.00	1	1
KY	370	1,576	754	822	0.06%	0.00%	0.12%	< 0.40	< 2.50	0.69	0.69	0.69
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,823	1,371	452	0.11%	0.07%	0.22%	< 0.00	< 0.50	0.95	0.5	0.725
MD	976	4,855	4,306	549	0.04%	0.02%	0.18%	< 0.20	< 0.50	1.00	0.2	0.6
ME	744	3,554	3,144	410	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,735	6,964	6,140	824	0.07%	0.08%	0.00%	< 0.00	< 0.00	2.30	0.7	1.1
MN	1,558	6,864	6,678	186	0.13%	0.12%	0.54%	< 0.00	< 0.50	21.00	0.5	1
MO	1,412	3,779	3,283	496	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
MS	2	3	3	0	100.00%	100.00%	0.00%	0.80	6.00	6.00	0.8	1
NC	1,799	3,405	2,916	489	0.29%	0.27%	0.41%	< 0.00	< 0.00	0.50	0.5	0.5
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH	1	2		2	100.00%		100.00%	0.68	1.00	1.00	0.68	0.84
NJ	7	7	7	0	0.00%	0.00%	0.00%	< 0.27	< 1.00	< 1.00		
NM	686	3,050	2,917	133	0.10%	0.10%	0.00%	< 0.10	< 1.00	1.50	0.1	0.6
OH	2,232	17,787	16,431	1,356	0.03%	0.04%	0.00%	< 0.50	< 0.50	1.18	0.5	0.81
OK	791	4,735	3,490	1,245	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	15	18	16	2	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	112	422	337	85	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	263	465	422	43	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN												
TX	4,416	16,966	12,297	4,669	0.03%	0.03%	0.02%	< 0.50	< 1.00	21.00	0.5	1
VT	2	4	3	1	0.00%	0.00%	0.00%	< 0.50	< 1.10	< 1.10		
WA	2,546	9,538	8,653	885	0.01%	0.00%	0.11%	< 0.00	< 0.00	0.10	0.1	0.1
WI	189	344	340	4	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
TOTAL	25,058	100,517	83,889	16,628	0.08%	0.07%	0.11%	< 0.00	< 2.00	21.00	0.1	0.68
20 STATES	22,970	93,248	78,418	14,830	0.08%	0.07%	0.12%	< 0.00	< 2.00	21.00	0.1	0.6
19 STATES[1]	22,969	93,246	78,418	14,828	0.07%	0.07%	0.11%	< 0.00	< 2.00	21.00	0.1	0.6

1. New Hampshire data not included in "19 States" summary statistics for n-Propylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.35.c SDWIS/FED (Round 2) Data- n-Propylbenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%						
AK	3,537	625	481	144	2.08%	1.46%	4.17%						
AL	1	1	1	0	100.00%	100.00%	0.00%						
AR	1,352	407	319	88	0.00%	0.00%	0.00%						
AZ	91	52	47	5	0.00%	0.00%	0.00%						
CA	80	14	11	3	0.00%	0.00%	0.00%						
CO	2,639	831	619	212	0.12%	0.16%	0.00%						
CT	1,942	84	43	41	1.19%	2.33%	0.00%						
IN	210	115	105	10	0.87%	0.95%	0.00%						
KY	1,576	370	187	183	0.27%	0.00%	0.55%						
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%						
MA	1,823	418	344	74	0.48%	0.29%	1.35%						
MD	4,855	976	920	56	0.20%	0.11%	1.79%						
ME	3,554	744	676	68	0.00%	0.00%	0.00%						
MI	6,964	2,735	2,644	91	0.15%	0.15%	0.00%						
MN	6,864	1,558	1,528	30	0.51%	0.46%	3.33%						
MO	3,779	1,412	1,297	115	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for n-Propylbenzene.					
MS	3	2	2		100.00%	100.00%	0.00%						
NC	3,405	1,799	1,605	194	0.50%	0.44%	1.03%						
ND	382	296	258	38	0.00%	0.00%	0.00%						
NH	2	1	0	1	100.00%	0.00%	100.00%						
NJ	7	7	7	0	0.00%	0.00%	0.00%						
NM	3,050	686	662	24	0.29%	0.30%	0.00%						
OH	17,787	2,232	2,050	182	0.22%	0.24%	0.00%						
OK	4,735	791	541	250	0.00%	0.00%	0.00%						
OR	18	15	13	2	0.00%	0.00%	0.00%						
PA													
RI	422	112	100	12	0.00%	0.00%	0.00%						
SC	465	263	239	24	0.00%	0.00%	0.00%						
SD	35	27	19	8	0.00%	0.00%	0.00%						
TN													
TX	16,966	4,416	3,830	586	0.11%	0.10%	0.17%						
VT	4	2	1	1	0.00%	0.00%	0.00%						
WA	9,538	2,546	2,427	119	0.04%	0.00%	0.84%						
WI	344	189	186	3	0.00%	0.00%	0.00%						
TOTAL	100,517	25,058	22,424	2,634	0.24%	0.20%	0.57%						
20 STATES	93,248	22,970	20,501	2,469	0.24%	0.19%	0.61%						
19 STATES[1]	93,246	22,969	20,501	2,468	0.23%	0.19%	0.57%						

1. New Hampshire data not included in "19 States" summary statistics for n-Propylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.36.a SDWIS/FED (Round 2) Data- Naphthalene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 10.00
AK	625	481	144	4.48%	3.53%	7.64%	0.00%	0.00%	0.00%	< 0.00
AL	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%		1.40
AR	517	423	94	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AZ	68	60	8	1.47%	1.67%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	15	12	3	6.67%	8.33%	0.00%	0.00%	0.00%	0.00%	1.00
CO	831	619	212	3.97%	2.75%	7.55%	0.00%	0.00%	0.00%	0.42
CT	84	43	41	1.19%	2.33%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN	117	107	10	0.85%	0.93%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	212	103	109	0.47%	0.00%	0.92%	0.00%	0.00%	0.00%	< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	418	344	74	1.20%	0.58%	4.05%	0.00%	0.00%	0.00%	< 0.50
MD	976	920	56	0.51%	0.11%	7.14%	0.00%	0.00%	0.00%	< 0.50
ME	744	676	68	0.54%	0.59%	0.00%	0.00%	0.00%	0.00%	< 0.00
MI	2,737	2,645	92	0.33%	0.34%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,558	1,528	30	0.58%	0.46%	6.67%	0.00%	0.00%	0.00%	< 0.50
MO	1,412	1,297	115	0.07%	0.08%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS										
NC	1,776	1,586	190	1.18%	1.20%	1.05%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NH	3	1	2	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	3.40
NJ	7	7	0	0.00%	0.00%	0.00%	0.00%	0.00%		< 1.00
NM	714	689	25	0.56%	0.44%	4.00%	0.00%	0.00%	0.00%	< 1.00
OH	2,232	2,050	182	1.39%	1.51%	0.00%	0.00%	0.00%	0.00%	< 0.50
OK	792	541	251	0.76%	0.92%	0.40%	0.00%	0.00%	0.00%	< 0.00
OR	17	15	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA										
RI	100	89	11	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
SC	237	216	21	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN										
TX	4,412	3,825	587	0.18%	0.16%	0.34%	0.00%	0.00%	0.00%	< 1.00
VT										
WA	2,554	2,435	119	0.31%	0.21%	2.52%	0.00%	0.00%	0.00%	< 0.00
WI	191	188	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.30
TOTAL	25,006	22,441	2,565	0.73%	0.60%	1.87%	0.00%	0.00%	0.00%	< 2.00
20 STATES	22,926	20,525	2,401	0.77%	0.62%	2.00%	0.00%	0.00%	0.00%	< 2.00
19 STATES	22,923	20,524	2,399	0.75%	0.62%	1.92%	0.00%	0.00%	0.00%	< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Naphthalene is 140 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.36.b SDWIS/FED (Round 2) Data- Naphthalene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	61	59	2	0.00%	0.00%	0.00%	< 0.50	< 10.00	< 10.00		
AK	625	3,547	2,611	936	0.99%	0.92%	1.18%	< 0.00	< 0.00	18.00	0.21	1.10
AL	2	4	4	0	100.00%	100.00%	0.00%	0.53	1.40	1.40	0.53	1.00
AR	517	2,430	1,982	448	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.16		
AZ	68	130	110	20	0.77%	0.91%	0.00%	< 0.40	< 1.00	5.00	5.00	5.00
CA	15	80	61	19	1.25%	1.64%	0.00%	< 0.20	1.00	1.00	1.00	1.00
CO	831	2,642	1,690	952	1.82%	1.48%	2.42%	< 0.00	0.42	3.10	0.07	0.44
CT	84	1,930	845	1,085	0.05%	0.12%	0.00%	< 0.00	< 0.00	0.70	0.70	0.70
IN	117	210	194	16	0.48%	0.52%	0.00%	< 0.10	< 2.00	2.00	2.00	2.00
KY	212	766	308	458	0.13%	0.00%	0.22%	< 0.40	< 2.50	0.86	0.86	0.86
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,824	1,370	454	0.27%	0.15%	0.66%	< 0.00	< 0.50	1.30	0.51	1.00
MD	976	4,856	4,306	550	0.12%	0.02%	0.91%	< 0.30	< 0.50	0.60	0.30	0.50
ME	744	3,549	3,143	406	0.14%	0.16%	0.00%	< 0.00	< 0.00	3.60	1.47	2.00
MI	2,737	6,993	6,154	839	0.16%	0.18%	0.00%	< 0.00	< 0.00	13.00	1.00	2.00
MN	1,558	6,864	6,678	186	0.20%	0.18%	1.08%	< 0.00	< 0.50	90.00	0.60	0.75
MO	1,412	3,779	3,283	496	0.03%	0.03%	0.00%	< 0.00	< 2.00	0.80	0.80	0.80
MS												
NC	1,776	3,337	2,877	460	0.69%	0.73%	0.43%	< 0.00	< 0.00	1.80	0.50	0.50
ND	296	388	321	67	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH	3	5	1	4	60.00%	100.00%	50.00%	< 0.00	3.40	3.40	0.50	0.97
NJ	7	7	7	0	0.00%	0.00%	0.00%	< 0.41	< 1.00	< 1.00		
NM	714	4,287	4,086	201	0.12%	0.10%	0.50%	< 0.50	< 1.00	0.80	0.50	0.60
OH	2,232	17,788	16,432	1,356	0.20%	0.22%	0.00%	< 0.50	< 0.50	3.90	0.52	0.91
OK	792	4,747	3,492	1,255	0.13%	0.14%	0.08%	< 0.00	< 0.00	1.02	0.50	0.80
OR	17	20	18	2	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	100	270	220	50	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	237	425	385	40	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN												
TX	4,412	16,760	12,122	4,638	0.08%	0.09%	0.04%	< 0.10	< 1.00	80.00	0.10	3.10
VT												
WA	2,554	10,063	9,045	1,018	0.14%	0.11%	0.39%	< 0.00	< 0.00	0.70	0.10	0.10
WI	191	349	345	4	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
TOTAL	25,006	102,201	85,626	16,575	0.23%	0.21%	0.34%	< 0.00	< 2.00	90.00	0.07	0.76
20 STATES	22,926	94,915	80,139	14,776	0.24%	0.21%	0.39%	< 0.00	< 2.00	90.00	0.07	0.74
19 STATES	22,923	94,910	80,138	14,772	0.23%	0.21%	0.37%	< 0.00	< 2.00	90.00	0.07	0.73

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.36.c SDWIS/FED (Round 2) Data- Naphthalene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	61	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	3,547	625	481	144	4.48%	3.53%	7.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	4	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR	2,430	517	423	94	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	130	68	60	8	1.47%	1.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	80	15	12	3	6.67%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	2,642	831	619	212	3.97%	2.75%	7.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	1,930	84	43	41	1.19%	2.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	210	117	107	10	0.85%	0.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	766	212	103	109	0.47%	0.00%	0.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1,824	418	344	74	1.20%	0.58%	4.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	4,856	976	920	56	0.51%	0.11%	7.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	3,549	744	676	68	0.54%	0.59%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	6,993	2,737	2,645	92	0.33%	0.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	6,864	1,558	1,528	30	0.58%	0.46%	6.67%	0.06%	0.07%	0.00%	0.00%	0.00%	0.00%
MO	3,779	1,412	1,297	115	0.07%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
NC	3,337	1,776	1,586	190	1.18%	1.20%	1.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	388	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	5	3	1	2	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	7	7	7	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	4,287	714	689	25	0.56%	0.44%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	17,788	2,232	2,050	182	1.39%	1.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	4,747	792	541	251	0.76%	0.92%	0.40%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	20	17	15	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA													
RI	270	100	89	11	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	425	237	216	21	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	35	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN													
TX	16,760	4,412	3,825	587	0.18%	0.16%	0.34%	0.02%	0.03%	0.00%	0.00%	0.00%	0.00%
VT													
WA	10,063	2,554	2,435	119	0.31%	0.21%	2.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI	349	191	188	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	102,201	25,006	22,441	2,565	0.73%	0.60%	1.87%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%
20 STATES	94,915	22,926	20,525	2,401	0.77%	0.62%	2.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%
19 STATES	94,910	22,923	20,524	2,399	0.75%	0.62%	1.92%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The Health Reference Level (HRL) is the estimated health effect level as provided by EPA for preliminary assessment for this work assignment.

"% > HRL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HRL.

The Health Reference Level (HRL) used for Naphthalene is 140 µg/L. This is a draft value for working review only.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.37.a SDWIS/FED (Round 2) Data- o-Chlorotoluene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
AK	625	481	144	0.80%	0.42%	2.08%	0.00%	0.00%	0.00%	< 0.00
AL	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	2.00
AR	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.13
AZ	121	106	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	14	11	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
CO	831	619	212	0.36%	0.16%	0.94%	0.00%	0.00%	0.00%	< 0.00
CT	86	44	42	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN	117	107	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	429	207	222	0.23%	0.48%	0.00%	0.00%	0.00%	0.00%	< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	418	344	74	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MD	976	920	56	0.41%	0.43%	0.00%	0.00%	0.00%	0.00%	< 0.50
ME	744	676	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MI	2,735	2,644	91	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,558	1,528	30	0.06%	0.00%	3.33%	0.00%	0.00%	0.00%	< 0.50
MO	1,413	1,297	116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS										
NC	1,774	1,583	191	0.62%	0.57%	1.05%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NH										
NJ	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.34
NM	726	696	30	0.14%	0.14%	0.00%	0.00%	0.00%	0.00%	< 1.00
OH	2,232	2,050	182	0.13%	0.10%	0.55%	0.00%	0.00%	0.00%	< 0.50
OK	791	541	250	0.13%	0.18%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	1,088	937	151	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA										
RI	115	103	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
SC	907	806	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	77	30	47	1.30%	3.33%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	4,412	3,825	587	0.07%	0.05%	0.17%	0.00%	0.00%	0.00%	< 1.00
VT	526	466	60	0.19%	0.21%	0.00%	0.00%	0.00%	0.00%	< 0.00
WA	2,548	2,429	119	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	< 0.00
WI	200	197	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
TOTAL	27,542	24,519	3,023	0.13%	0.11%	0.36%	0.00%	0.00%	0.00%	< 2.00
20 STATES	24,118	21,457	2,661	0.14%	0.11%	0.38%	0.00%	0.00%	0.00%	< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for o-Chlorotoluene is 100 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.37.b SDWIS/FED (Round 2) Data- o-Chlorotoluene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,562	2,624	938	0.17%	0.11%	0.32%	< 0.00	< 0.00	4.40	0.48	1.75
AL	1	1	0	1	100.00%	0.00%	100.00%	2.00	2.00	2.00	2.00	2.00
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.13	< 0.20		
AZ	121	244	172	72	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
CA	14	79	60	19	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,638	1,688	950	0.11%	0.06%	0.21%	< 0.00	< 0.00	0.80	0.40	0.50
CT	86	2,262	920	1,342	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN	117	210	194	16	0.00%	0.00%	0.00%	< 0.11	< 2.00	< 2.00		
KY	429	1,968	898	1,070	0.15%	0.33%	0.00%	< 0.20	< 2.50	1.00	1.00	1.00
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,821	1,370	451	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
MD	976	4,861	4,310	551	0.08%	0.09%	0.00%	< 0.50	< 0.50	5.20	0.50	0.95
ME	744	3,548	3,138	410	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,735	6,965	6,141	824	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,558	6,864	6,678	186	0.01%	0.00%	0.54%	< 0.00	< 0.50	0.50	0.50	0.50
MO	1,413	3,773	3,275	498	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
MS												
NC	1,774	3,357	2,889	468	0.39%	0.38%	0.43%	< 0.00	< 0.00	0.50	0.30	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH												
NJ	16	19	16	3	0.00%	0.00%	0.00%	< 0.09	< 1.34	< 1.34		
NM	726	4,832	4,608	224	0.02%	0.02%	0.00%	< 0.50	< 1.00	1.50	1.50	1.50
OH	2,232	17,789	16,433	1,356	0.02%	0.01%	0.07%	< 0.50	< 0.50	0.70	0.50	0.66
OK	791	4,738	3,492	1,246	0.06%	0.09%	0.00%	< 0.00	< 0.00	52.40	7.00	15.10
OR	1,088	2,668	2,106	562	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	115	424	339	85	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	907	3,984	3,424	560	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	77	533	191	342	0.19%	0.52%	0.00%	< 0.00	< 0.00	0.70	0.70	0.70
TX	4,412	16,796	12,145	4,651	0.02%	0.02%	0.02%	< 1.00	< 1.00	2.10	1.30	1.55
VT	526	1,597	1,404	193	0.06%	0.07%	0.00%	< 0.00	< 0.00	1.30	1.30	1.30
WA	2,548	9,551	8,667	884	0.01%	0.01%	0.00%	< 0.00	< 0.00	0.50	0.50	0.50
WI	200	360	356	4	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
TOTAL	27,542	111,300	92,440	18,860	0.04%	0.04%	0.06%	< 0.00	< 2.00	52.40	0.13	0.13
20 STATES	24,118	97,889	82,195	15,694	0.04%	0.04%	0.06%	< 0.00	< 2.00	52.40	0.13	0.13

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.37.c SDWIS/FED (Round 2) Data- o-Chlorotoluene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	3,562	625	481	144	0.80%	0.42%	2.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	1	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR	1,352	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	244	121	106	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	79	14	11	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	2,638	831	619	212	0.36%	0.16%	0.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	2,262	86	44	42	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	210	117	107	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	1,968	429	207	222	0.23%	0.48%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1,821	418	344	74	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	4,861	976	920	56	0.41%	0.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	3,548	744	676	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	6,965	2,735	2,644	91	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	6,864	1,558	1,528	30	0.06%	0.00%	3.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	3,773	1,413	1,297	116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
NC	3,357	1,774	1,583	191	0.62%	0.57%	1.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	382	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH													
NJ	19	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	4,832	726	696	30	0.14%	0.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	17,789	2,232	2,050	182	0.13%	0.10%	0.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	4,738	791	541	250	0.13%	0.18%	0.00%	0.13%	0.18%	0.00%	0.00%	0.00%	0.00%
OR	2,668	1,088	937	151	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA													
RI	424	115	103	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	3,984	907	806	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	35	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	533	77	30	47	1.30%	3.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	16,796	4,412	3,825	587	0.07%	0.05%	0.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1,597	526	466	60	0.19%	0.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	9,551	2,548	2,429	119	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI	360	200	197	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	111,300	27,542	24,519	3,023	0.13%	0.11%	0.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
20 STATES	97,889	24,118	21,457	2,661	0.14%	0.11%	0.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

% > MCL indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for o-Chlorotoluene is 100 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.38.a SDWIS/FED (Round 2) Data- p-Chlorotoluene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
AK	625	481	144	0.80%	0.62%	1.39%	0.00%	0.00%	0.00%	< 0.00
AL	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.60
AR	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.13
AZ	121	106	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	14	11	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
CO	831	619	212	0.48%	0.32%	0.94%	0.00%	0.00%	0.00%	< 0.00
CT	86	44	42	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN	117	107	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	430	207	223	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	418	344	74	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MD	976	920	56	0.20%	0.11%	1.79%	0.00%	0.00%	0.00%	< 0.50
ME	744	676	68	0.13%	0.15%	0.00%	0.00%	0.00%	0.00%	< 0.00
MI										
MN	1,558	1,528	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MO	1,413	1,297	116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
MS										
NC	1,775	1,584	191	0.51%	0.44%	1.05%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NH										
NJ	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.11
NM	721	692	29	0.14%	0.14%	0.00%	0.00%	0.00%	0.00%	< 1.00
OH	2,232	2,050	182	0.04%	0.05%	0.00%	0.00%	0.00%	0.00%	< 0.50
OK	791	541	250	0.13%	0.18%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	1,088	937	151	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA										
RI	112	100	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
SC	907	806	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD	24	18	6	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	77	30	47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	4,412	3,825	587	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	526	466	60	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
WA	2,549	2,430	119	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	< 0.00
WI										
TOTAL	24,599	21,672	2,927	0.11%	0.08%	0.27%	0.00%	0.00%	0.00%	< 2.00
20 STATES	21,378	18,808	2,570	0.12%	0.10%	0.27%	0.00%	0.00%	0.00%	< 2.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for p-Chlorotoluene is 100 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.38.b SDWIS/FED (Round 2) Data- p-Chlorotoluene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,564	2,625	939	0.14%	0.11%	0.21%	< 0.00	< 0.00	2.50	0.70	1.12
AL	1	1	0	1	100.00%	0.00%	100.00%	0.60	0.60	0.60	0.60	0.60
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.13	< 0.13		
AZ	121	245	173	72	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
CA	14	80	61	19	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,640	1,688	952	0.15%	0.12%	0.21%	< 0.00	< 0.00	1.30	0.21	0.80
CT	86	2,247	910	1,337	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN	117	209	193	16	0.00%	0.00%	0.00%	< 0.11	< 2.00	< 2.00		
KY	430	1,948	898	1,050	0.00%	0.00%	0.00%	< 0.20	< 2.50	< 2.50		
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,821	1,370	451	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
MD	976	4,860	4,310	550	0.04%	0.02%	0.18%	< 0.30	< 0.50	5.00	0.30	2.65
ME	744	3,536	3,133	403	0.03%	0.03%	0.00%	< 0.00	< 0.00	0.50	0.50	0.50
MI												
MN	1,558	6,864	6,678	186	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 1.00		
MO	1,413	3,773	3,275	498	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
MS												
NC	1,775	3,359	2,891	468	0.33%	0.31%	0.43%	< 0.00	< 0.00	0.50	0.50	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH												
NJ	16	19	16	3	0.00%	0.00%	0.00%	< 0.08	< 2.11	< 2.11		
NM	721	4,824	4,603	221	0.02%	0.02%	0.00%	< 0.50	< 1.00	2.30	2.30	2.30
OH	2,232	17,789	16,433	1,356	0.01%	0.01%	0.00%	< 0.50	< 0.50	0.50	0.50	0.50
OK	791	4,738	3,492	1,246	0.06%	0.09%	0.00%	< 0.00	< 0.00	22.50	2.60	6.40
OR	1,088	2,668	2,105	563	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	112	423	338	85	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	907	3,984	3,424	560	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
SD	24	29	23	6	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	77	532	190	342	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	4,412	16,808	12,158	4,650	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	526	1,598	1,405	193	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.70		
WA	2,549	9,555	8,679	876	0.01%	0.01%	0.00%	< 0.00	< 0.00	0.20	0.20	0.20
WI												
TOTAL	24,599	103,935	85,947	17,988	0.03%	0.03%	0.04%	< 0.00	< 2.00	22.50	0.20	0.50
20 STATES	21,378	90,904	76,070	14,834	0.03%	0.03%	0.05%	< 0.00	< 2.00	22.50	0.20	0.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.38.c SDWIS/FED (Round 2) Data- p-Chlorotoluene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	3,564	625	481	144	0.80%	0.62%	1.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL	1	1	0	1	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR	1,352	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	245	121	106	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	80	14	11	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	2,640	831	619	212	0.48%	0.32%	0.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	2,247	86	44	42	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	209	117	107	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	1,948	430	207	223	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1,821	418	344	74	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	4,860	976	920	56	0.20%	0.11%	1.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	3,536	744	676	68	0.13%	0.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI													
MN	6,864	1,558	1,528	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	3,773	1,413	1,297	116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
NC	3,359	1,775	1,584	191	0.51%	0.44%	1.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	382	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH													
NJ	19	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	4,824	721	692	29	0.14%	0.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	17,789	2,232	2,050	182	0.04%	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	4,738	791	541	250	0.13%	0.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,668	1,088	937	151	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA													
RI	423	112	100	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	3,984	907	806	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	29	24	18	6	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	532	77	30	47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	16,808	4,412	3,825	587	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1,598	526	466	60	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	9,555	2,549	2,430	119	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI													
TOTAL	103,935	24,599	21,672	2,927	0.11%	0.08%	0.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
20 STATES	90,904	21,378	18,808	2,570	0.12%	0.10%	0.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

% > MCL indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for p-Chlorotoluene is 100 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.39.a SDWIS/FED (Round 2) Data- p-Isopropyltoluene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%				< 1.00
AK	625	481	144	1.92%	1.87%	2.08%				< 0.00
AL										
AR	407	319	88	0.00%	0.00%	0.00%				< 0.09
AZ										
CA	14	11	3	0.00%	0.00%	0.00%				< 0.50
CO	831	619	212	0.24%	0.16%	0.47%				< 0.00
CT	84	43	41	0.00%	0.00%	0.00%				< 0.00
IN	114	104	10	0.00%	0.00%	0.00%				< 2.00
KY	33	15	18	0.00%	0.00%	0.00%				< 1.25
LA	1,310	1,241	69	0.00%	0.00%	0.00%				< 0.50
MA	418	344	74	0.00%	0.00%	0.00%				< 0.50
MD	976	920	56	0.10%	0.11%	0.00%				< 0.50
ME	744	676	68	0.00%	0.00%	0.00%				< 0.00
MI	2,735	2,644	91	0.04%	0.04%	0.00%				< 0.00
MN	1,558	1,528	30	0.06%	0.07%	0.00%				< 0.50
MO	1,412	1,297	115	0.00%	0.00%	0.00%				< 2.00
MS										
NC	1,775	1,585	190	0.62%	0.57%	1.05%				< 0.00
ND	296	258	38	0.00%	0.00%	0.00%				< 0.50
NH	1		1	100.00%		100.00%				1.70
NJ	7	7		0.00%	0.00%					< 1.00
NM	715	691	24	0.00%	0.00%	0.00%				< 1.00
OH	2,232	2,050	182	0.27%	0.29%	0.00%				< 0.50
OK	791	541	250	0.25%	0.37%	0.00%				< 0.00
OR	17	15	2	0.00%	0.00%	0.00%				< 0.00
PA										
RI	114	102	12	0.00%	0.00%	0.00%				< 1.00
SC	235	214	21	0.00%	0.00%	0.00%				< 0.50
SD	27	19	8	0.00%	0.00%	0.00%				< 0.50
TN										
TX	4,392	3,807	585	0.00%	0.00%	0.00%				< 1.00
VT	2	1	1	0.00%	0.00%	0.00%				< 0.50
WA	2,546	2,428	118	0.00%	0.00%	0.00%				< 0.00
WI	191	188	3	0.00%	0.00%	0.00%				< 0.30
TOTAL	24,624	22,169	2,455	0.15%	0.14%	0.29%				< 2.00
20 STATES	22,618	20,320	2,298	0.16%	0.15%	0.30%				< 2.00
19 STATES	22,617	20,320	2,297	0.16%	0.15%	0.26%				< 2.00

There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for p-Isopropyltoluene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.39.b SDWIS/FED (Round 2) Data- p-Isopropyltoluene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,543	2,611	932	0.45%	0.50%	0.32%	< 0.00	< 0.00	1.70	0.10	0.21
AL												
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.09	< 0.09		
AZ												
CA	14	79	60	19	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,640	1,690	950	0.08%	0.06%	0.11%	< 0.00	< 0.00	0.20	0.10	0.15
CT	84	1,942	860	1,082	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN	114	209	193	16	0.00%	0.00%	0.00%	< 0.10	< 2.00	< 2.00		
KY	33	148	67	81	0.00%	0.00%	0.00%	< 0.40	< 1.25	< 1.25		
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,819	1,369	450	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
MD	976	4,857	4,306	551	0.02%	0.02%	0.00%	< 0.10	< 0.50	0.10	0.10	0.10
ME	744	3,543	3,140	403	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,735	6,970	6,146	824	0.04%	0.05%	0.00%	< 0.00	< 0.00	3.40	1.00	3.00
MN	1,558	6,864	6,678	186	0.03%	0.03%	0.00%	< 0.00	< 0.50	7.20	5.80	6.50
MO	1,412	3,778	3,282	496	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
MS												
NC	1,775	3,329	2,869	460	0.39%	0.38%	0.43%	< 0.00	< 0.00	0.50	0.50	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH	1	2		2	100.00%		100.00%	1.20	1.70	1.70	1.20	1.45
NJ	7	7	7		0.00%	0.00%		< 0.30	< 1.00	< 1.00		
NM	715	4,282	4,082	200	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
OH	2,232	17,787	16,431	1,356	0.04%	0.05%	0.00%	< 0.50	< 0.50	11.30	0.65	2.73
OK	791	4,737	3,492	1,245	0.04%	0.06%	0.00%	< 0.00	< 0.00	1.70	0.50	1.10
OR	17	20	18	2	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	114	427	341	86	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	235	423	383	40	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN												
TX	4,392	16,421	11,914	4,507	0.00%	0.00%	0.00%	< 1.00	< 1.00	< 1.00		
VT	2	2	1	1	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WA	2,546	9,544	8,660	884	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WI	191	349	345	4	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
TOTAL	24,624	99,578	83,847	15,731	0.05%	0.05%	0.05%	< 0.00	< 2.00	11.30	0.10	0.50
20 STATES	22,618	92,445	78,490	13,955	0.05%	0.05%	0.06%	< 0.00	< 2.00	11.30	0.10	0.50
19 STATES	22,617	92,443	78,490	13,953	0.05%	0.05%	0.04%	< 0.00	< 2.00	11.30	0.10	0.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)
The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.39.c SDWIS/FED (Round 2) Data- p-Isopropyltoluene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%						
AK	3,543	625	481	144	1.92%	1.87%	2.08%						
AL													
AR	1,352	407	319	88	0.00%	0.00%	0.00%						
AZ													
CA	79	14	11	3	0.00%	0.00%	0.00%						
CO	2,640	831	619	212	0.24%	0.16%	0.47%						
CT	1,942	84	43	41	0.00%	0.00%	0.00%						
IN	209	114	104	10	0.00%	0.00%	0.00%						
KY	148	33	15	18	0.00%	0.00%	0.00%						
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%						
MA	1,819	418	344	74	0.00%	0.00%	0.00%						
MD	4,857	976	920	56	0.10%	0.11%	0.00%						
ME	3,543	744	676	68	0.00%	0.00%	0.00%						
MI	6,970	2,735	2,644	91	0.04%	0.04%	0.00%						
MN	6,864	1,558	1,528	30	0.06%	0.07%	0.00%						
MO	3,778	1,412	1,297	115	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for p-Isopropyltoluene.					
MS													
NC	3,329	1,775	1,585	190	0.62%	0.57%	1.05%						
ND	382	296	258	38	0.00%	0.00%	0.00%						
NH	2	1		1	100.00%		100.00%						
NJ	7	7	7		0.00%	0.00%							
NM	4,282	715	691	24	0.00%	0.00%	0.00%						
OH	17,787	2,232	2,050	182	0.27%	0.29%	0.00%						
OK	4,737	791	541	250	0.25%	0.37%	0.00%						
OR	20	17	15	2	0.00%	0.00%	0.00%						
PA													
RI	427	114	102	12	0.00%	0.00%	0.00%						
SC	423	235	214	21	0.00%	0.00%	0.00%						
SD	35	27	19	8	0.00%	0.00%	0.00%						
TN													
TX	16,421	4,392	3,807	585	0.00%	0.00%	0.00%						
VT	2	2	1	1	0.00%	0.00%	0.00%						
WA	9,544	2,546	2,428	118	0.00%	0.00%	0.00%						
WI	349	191	188	3	0.00%	0.00%	0.00%						
TOTAL	99,578	24,624	22,169	2,455	0.15%	0.14%	0.29%						
20 STATES	92,445	22,618	20,320	2,298	0.16%	0.15%	0.30%						
19 STATES	92,443	22,617	20,320	2,297	0.16%	0.15%	0.26%						

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.40.a SDWIS/FED (Round 2) Data- sec-Butylbenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%				< 1.00
AK	625	481	144	0.80%	0.62%	1.39%				< 0.00
AL										
AR	407	319	88	0.00%	0.00%	0.00%				< 0.09
AZ	68	60	8	0.00%	0.00%	0.00%				< 1.00
CA	14	11	3	0.00%	0.00%	0.00%				< 0.50
CO	831	619	212	0.00%	0.00%	0.00%				< 0.00
CT	84	43	41	0.00%	0.00%	0.00%				< 0.00
IN	117	107	10	0.00%	0.00%	0.00%				< 2.00
KY	365	185	180	0.00%	0.00%	0.00%				< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%				< 0.50
MA	418	344	74	0.00%	0.00%	0.00%				< 0.50
MD	976	920	56	0.20%	0.22%	0.00%				< 0.50
ME	744	676	68	0.00%	0.00%	0.00%				< 0.00
MI	2,735	2,644	91	0.04%	0.04%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for sec-Butylbenzene.			< 0.00
MN	1,558	1,528	30	0.26%	0.26%	0.00%				< 0.50
MO	1,412	1,297	115	0.07%	0.08%	0.00%				< 2.00
MS										
NC	1,778	1,587	191	0.67%	0.63%	1.05%				< 0.00
ND	296	258	38	0.00%	0.00%	0.00%				< 0.50
NH	1	0	1	100.00%	0.00%	100.00%				1.00
NJ	7	7	0	0.00%	0.00%	0.00%				< 1.00
NM	717	692	25	0.70%	0.72%	0.00%				< 1.00
OH	2,232	2,050	182	0.04%	0.05%	0.00%				< 0.50
OK	791	541	250	0.00%	0.00%	0.00%				< 0.00
OR	17	15	2	0.00%	0.00%	0.00%				< 0.00
PA										
RI	113	101	12	0.00%	0.00%	0.00%				< 1.00
SC	237	216	21	0.00%	0.00%	0.00%				< 0.50
SD	27	19	8	0.00%	0.00%	0.00%				< 0.50
TN										
TX	4,412	3,825	587	0.05%	0.03%	0.17%				< 1.00
VT	1		1	0.00%		0.00%				< 0.50
WA	2,546	2,427	119	0.00%	0.00%	0.00%				< 0.00
WI	191	188	3	0.00%	0.00%	0.00%				< 0.30
TOTAL	25,052	22,422	2,630	0.14%	0.12%	0.23%				< 2.00
20 STATES	22,974	20,509	2,465	0.15%	0.14%	0.24%				< 2.00
19 STATES[1]	22,973	20,509	2,464	0.14%	0.14%	0.20%				< 2.00

1. New Hampshire data not included in "19 States" summary statistics for sec-Butylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.40.b SDWIS/FED (Round 2) Data- sec-Butylbenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,537	2,606	931	0.28%	0.31%	0.21%	< 0.00	< 0.00	2.60	0.10	0.42
AL												
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.09	< 0.09		
AZ	68	135	115	20	0.00%	0.00%	0.00%	< 0.40	< 1.00	< 1.00		
CA	14	80	61	19	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,639	1,690	949	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
CT	84	1,945	849	1,096	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN	117	210	194	16	0.00%	0.00%	0.00%	< 0.15	< 2.00	< 2.00		
KY	365	1,563	748	815	0.00%	0.00%	0.00%	< 0.40	< 2.50	< 2.50		
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,819	1,369	450	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
MD	976	4,856	4,304	552	0.04%	0.05%	0.00%	< 0.20	< 0.50	7.10	0.20	3.65
ME	744	3,540	3,137	403	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,735	6,964	6,140	824	0.04%	0.05%	0.00%	< 0.00	< 0.00	2.50	0.50	1.70
MN	1,558	6,864	6,678	186	0.07%	0.07%	0.00%	< 0.00	< 0.50	15.00	0.60	1.30
MO	1,412	3,779	3,283	496	0.03%	0.03%	0.00%	< 0.00	< 2.00	2.10	2.10	2.10
MS												
NC	1,778	3,356	2,888	468	0.42%	0.42%	0.43%	< 0.00	< 0.00	4.60	0.50	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH	1	2		2	100.00%		100.00%	0.81	1.00	1.00	0.81	0.91
NJ	7	7	7		0.00%	0.00%		< 0.23	< 1.00	< 1.00		
NM	717	4,275	4,074	201	0.19%	0.20%	0.00%	< 0.20	< 1.00	1.40	0.20	1.05
OH	2,232	17,789	16,433	1,356	0.01%	0.01%	0.00%	< 0.50	< 0.50	1.00	1.00	1.00
OK	791	4,737	3,492	1,245	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	17	20	18	2	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	113	423	338	85	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	237	425	385	40	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN												
TX	4,412	16,777	12,128	4,649	0.01%	0.01%	0.02%	< 0.67	< 1.00	22.00	0.67	11.34
VT	1	1		1	0.00%		0.00%	< 0.50	< 0.50	< 0.50		
WA	2,546	9,525	8,640	885	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WI	191	349	345	4	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
TOTAL	25,052	101,473	84,824	16,649	0.05%	0.05%	0.04%	< 0.00	< 2.00	22.00	0.10	0.60
20 STATES	22,974	94,199	79,360	14,839	0.05%	0.05%	0.05%	< 0.00	< 2.00	22.00	0.10	0.60
19 STATES[1]	22,973	94,197	79,360	14,837	0.05%	0.05%	0.03%	< 0.00	< 2.00	22.00	0.10	0.57

1. New Hampshire data not included in "19 States" summary statistics for sec-Butylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.40.c SDWIS/FED (Round 2) Data- sec-Butylbenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%						
AK	3,537	625	481	144	0.80%	0.62%	1.39%						
AL													
AR	1,352	407	319	88	0.00%	0.00%	0.00%						
AZ	135	68	60	8	0.00%	0.00%	0.00%						
CA	80	14	11	3	0.00%	0.00%	0.00%						
CO	2,639	831	619	212	0.00%	0.00%	0.00%						
CT	1,945	84	43	41	0.00%	0.00%	0.00%						
IN	210	117	107	10	0.00%	0.00%	0.00%						
KY	1,563	365	185	180	0.00%	0.00%	0.00%						
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%						
MA	1,819	418	344	74	0.00%	0.00%	0.00%						
MD	4,856	976	920	56	0.20%	0.22%	0.00%						
ME	3,540	744	676	68	0.00%	0.00%	0.00%						
MI	6,964	2,735	2,644	91	0.04%	0.04%	0.00%						
MN	6,864	1,558	1,528	30	0.26%	0.26%	0.00%						
MO	3,779	1,412	1,297	115	0.07%	0.08%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for sec-Butylbenzene.					
MS													
NC	3,356	1,778	1,587	191	0.67%	0.63%	1.05%						
ND	382	296	258	38	0.00%	0.00%	0.00%						
NH	2	1	0	1	100.00%	0.00%	100.00%						
NJ	7	7	7	0	0.00%	0.00%	0.00%						
NM	4,275	717	692	25	0.70%	0.72%	0.00%						
OH	17,789	2,232	2,050	182	0.04%	0.05%	0.00%						
OK	4,737	791	541	250	0.00%	0.00%	0.00%						
OR	20	17	15	2	0.00%	0.00%	0.00%						
PA													
RI	423	113	101	12	0.00%	0.00%	0.00%						
SC	425	237	216	21	0.00%	0.00%	0.00%						
SD	35	27	19	8	0.00%	0.00%	0.00%						
TN													
TX	16,777	4,412	3,825	587	0.05%	0.03%	0.17%						
VT	1	1		1	0.00%		0.00%						
WA	9,525	2,546	2,427	119	0.00%	0.00%	0.00%						
WI	349	191	188	3	0.00%	0.00%	0.00%						
TOTAL	101,473	25,052	22,422	2,630	0.14%	0.12%	0.23%						
20 STATES	94,199	22,974	20,509	2,465	0.15%	0.14%	0.24%						
19 STATES[1]	94,197	22,973	20,509	2,464	0.14%	0.14%	0.20%						

1. New Hampshire data not included in "19 States" summary statistics for sec-Butylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.41.a SDWIS/FED (Round 2) Data- tert-Butylbenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	4.55%	4.76%	0.00%				8.10
AK	625	481	144	0.80%	0.83%	0.69%				< 0.00
AL										
AR	407	319	88	0.00%	0.00%	0.00%				< 0.07
AZ	68	60	8	0.00%	0.00%	0.00%				< 1.00
CA	14	11	3	0.00%	0.00%	0.00%				< 0.50
CO	831	619	212	0.12%	0.16%	0.00%				< 0.00
CT	84	43	41	0.00%	0.00%	0.00%				< 0.00
IN	117	107	10	0.00%	0.00%	0.00%				< 2.00
KY	363	184	179	0.00%	0.00%	0.00%				< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%				< 0.50
MA	418	344	74	0.00%	0.00%	0.00%				< 0.50
MD	976	920	56	0.10%	0.11%	0.00%				< 0.50
ME	744	676	68	0.00%	0.00%	0.00%				< 0.00
MI	2,735	2,644	91	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for tert-Butylbenzene.			< 0.00
MN	1,558	1,528	30	0.13%	0.13%	0.00%				< 0.50
MO	1,412	1,297	115	0.00%	0.00%	0.00%				< 2.00
MS	1	1		100.00%	100.00%	0.00%				1.00
NC	1,778	1,587	191	0.56%	0.50%	1.05%				< 0.00
ND	296	258	38	0.00%	0.00%	0.00%				< 0.50
NH										
NJ	7	7		0.00%	0.00%	0.00%				< 1.00
NM	718	691	27	0.14%	0.14%	0.00%				< 1.00
OH	2,232	2,050	182	0.09%	0.10%	0.00%				< 0.50
OK	791	541	250	0.00%	0.00%	0.00%				< 0.00
OR	17	15	2	0.00%	0.00%	0.00%				< 0.00
PA										
RI	114	102	12	0.00%	0.00%	0.00%				< 1.00
SC	237	216	21	0.00%	0.00%	0.00%				< 0.50
SD	27	19	8	0.00%	0.00%	0.00%				< 0.50
TN										
TX	4,412	3,825	587	0.05%	0.05%	0.00%				< 1.00
VT	1		1	0.00%		0.00%				< 0.50
WA	2,546	2,427	119	0.04%	0.00%	0.84%				< 0.00
WI	191	188	3	0.00%	0.00%	0.00%				< 0.30
TOTAL	25,052	22,422	2,630	0.11%	0.10%	0.15%				< 2.00
20 STATES	22,973	20,508	2,465	0.11%	0.10%	0.16%				< 2.00
19 STATES[1]	22,973	20,508	2,465	0.11%	0.10%	0.16%				< 2.00

1. New Hampshire data not included in "19 States" summary statistics for tert-Butylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.41.b SDWIS/FED (Round 2) Data- tert-Butylbenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	3.13%	3.23%	0.00%	< 0.50	8.10	8.10	8.10	8.10
AK	625	3,536	2,603	933	0.14%	0.15%	0.11%	< 0.00	< 0.00	0.30	0.10	0.10
AL												
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.07	< 0.07		
AZ	68	133	113	20	0.00%	0.00%	0.00%	< 0.40	< 1.00	< 1.00		
CA	14	79	60	19	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,639	1,690	949	0.04%	0.06%	0.00%	< 0.00	< 0.00	0.50	0.50	0.50
CT	84	1,943	853	1,090	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN	117	211	195	16	0.00%	0.00%	0.00%	< 0.15	< 2.00	< 2.00		
KY	363	1,559	747	812	0.00%	0.00%	0.00%	< 0.40	< 2.50	< 2.50		
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,819	1,369	450	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
MD	976	4,856	4,304	552	0.02%	0.02%	0.00%	< 0.10	< 0.50	0.10	0.10	0.10
ME	744	3,577	3,174	403	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,735	6,965	6,141	824	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,558	6,864	6,678	186	0.03%	0.03%	0.00%	< 0.00	< 0.50	33.00	4.40	18.70
MO	1,412	3,779	3,283	496	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
MS	1	1	1	0	100.00%	100.00%	0.00%	1.00	1.00	1.00	1.00	1.00
NC	1,778	3,356	2,888	468	0.36%	0.35%	0.43%	< 0.00	< 0.00	77.50	0.50	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH												
NJ	7	7	7		0.00%	0.00%		< 0.27	< 1.00	< 1.00		
NM	718	4,282	4,081	201	0.02%	0.02%	0.00%	< 0.50	< 1.00	1.40	1.40	1.40
OH	2,232	17,789	16,433	1,356	0.02%	0.02%	0.00%	< 0.50	< 0.50	4.90	0.60	0.60
OK	791	4,733	3,489	1,244	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	17	20	18	2	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	114	422	337	85	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	237	425	385	40	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN												
TX	4,412	16,773	12,128	4,645	0.01%	0.02%	0.00%	< 0.70	< 1.00	2.30	0.70	1.50
VT	1	1		1	0.00%		0.00%	< 0.50	< 0.50	< 0.50		
WA	2,546	9,541	8,656	885	0.01%	0.00%	0.11%	< 0.00	< 0.00	0.20	0.20	0.20
WI	191	349	345	4	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
TOTAL	25,052	101,515	84,880	16,635	0.03%	0.03%	0.02%	< 0.00	< 2.00	77.50	0.10	0.50
20 STATES	22,973	94,244	79,413	14,831	0.03%	0.03%	0.03%	< 0.00	< 2.00	77.50	0.10	0.50
19 STATES[1]	22,973	94,244	79,413	14,831	0.03%	0.03%	0.03%	< 0.00	< 2.00	77.50	0.10	0.50

1. New Hampshire data not included in "19 States" summary statistics for tert-Butylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.41.c SDWIS/FED (Round 2) Data- tert-Butylbenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	4.55%	4.76%	0.00%						
AK	3,536	625	481	144	0.80%	0.83%	0.69%						
AL													
AR	1,352	407	319	88	0.00%	0.00%	0.00%						
AZ	133	68	60	8	0.00%	0.00%	0.00%						
CA	79	14	11	3	0.00%	0.00%	0.00%						
CO	2,639	831	619	212	0.12%	0.16%	0.00%						
CT	1,943	84	43	41	0.00%	0.00%	0.00%						
IN	211	117	107	10	0.00%	0.00%	0.00%						
KY	1,559	363	184	179	0.00%	0.00%	0.00%						
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%						
MA	1,819	418	344	74	0.00%	0.00%	0.00%						
MD	4,856	976	920	56	0.10%	0.11%	0.00%						
ME	3,577	744	676	68	0.00%	0.00%	0.00%						
MI	6,965	2,735	2,644	91	0.00%	0.00%	0.00%						
MN	6,864	1,558	1,528	30	0.13%	0.13%	0.00%						
MO	3,779	1,412	1,297	115	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for tert-Butylbenzene.					
MS	1	1	1	0	100.00%	100.00%	0.00%						
NC	3,356	1,778	1,587	191	0.56%	0.50%	1.05%						
ND	382	296	258	38	0.00%	0.00%	0.00%						
NH													
NJ	7	7	7	0	0.00%	0.00%	0.00%						
NM	4,282	718	691	27	0.14%	0.14%	0.00%						
OH	17,789	2,232	2,050	182	0.09%	0.10%	0.00%						
OK	4,733	791	541	250	0.00%	0.00%	0.00%						
OR	20	17	15	2	0.00%	0.00%	0.00%						
PA													
RI	422	114	102	12	0.00%	0.00%	0.00%						
SC	425	237	216	21	0.00%	0.00%	0.00%						
SD	35	27	19	8	0.00%	0.00%	0.00%						
TN													
TX	16,773	4,412	3,825	587	0.05%	0.05%	0.00%						
VT	1	1		1	0.00%		0.00%						
WA	9,541	2,546	2,427	119	0.04%	0.00%	0.84%						
WI	349	191	188	3	0.00%	0.00%	0.00%						
TOTAL	101,515	25,052	22,422	2,630	0.11%	0.10%	0.15%						
20 STATES	94,244	22,973	20,508	2,465	0.11%	0.10%	0.16%						
19 STATES[1]	94,244	22,973	20,508	2,465	0.11%	0.10%	0.16%						

1. New Hampshire data not included in "19 States" summary statistics for tert-Butylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.42.a SDWIS/FED (Round 2) Data- 1,1,1,2-Tetrachloroethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HAL	% GW PWS > HAL	% SW PWS > HAL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
AK	625	481	144	0.16%	0.21%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL										
AR	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.09
AZ	120	105	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	14	11	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
CO	831	619	212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
CT	86	44	42	2.33%	2.27%	2.38%	0.00%	0.00%	0.00%	< 0.00
IN	117	107	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	433	208	225	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	418	344	74	0.48%	0.58%	0.00%	0.00%	0.00%	0.00%	< 0.50
MD	976	920	56	0.10%	0.00%	1.79%	0.00%	0.00%	0.00%	< 0.50
ME	744	676	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MI	2,735	2,644	91	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,558	1,528	30	1.93%	1.11%	43.33%	0.00%	0.00%	0.00%	< 0.20
MO	1,413	1,297	116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
MS	1	1	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	1.70
NC	1,784	1,591	193	0.50%	0.44%	1.04%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	0.34%	0.00%	2.63%	0.00%	0.00%	0.00%	< 0.50
NH										
NJ	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.31
NM	723	694	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
OH	2,232	2,050	182	0.13%	0.15%	0.00%	0.00%	0.00%	0.00%	< 0.50
OK	791	541	250	0.13%	0.18%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	1,089	938	151	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA										
RI	113	101	12	0.88%	0.99%	0.00%	0.00%	0.00%	0.00%	< 1.00
SC	907	806	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	77	30	47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	4,412	3,825	587	0.05%	0.05%	0.00%	0.00%	0.00%	0.00%	< 1.00
VT	558	494	64	0.18%	0.20%	0.00%	0.00%	0.00%	0.00%	< 0.00
WA	2,547	2,428	119	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
WI	200	197	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 3.00
TOTAL	27,582	24,552	3,030	0.20%	0.15%	0.59%	0.00%	0.00%	0.00%	< 1.00
20 STATES	24,127	21,462	2,665	0.21%	0.16%	0.64%	0.00%	0.00%	0.00%	< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > HAL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HAL.

The Health Advisory Level (HAL) for 1,1,1,2-Tetrachloroethane is 70 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.42.b SDWIS/FED (Round 2) Data- 1,1,1,2-Tetrachloroethane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,544	2,605	939	0.03%	0.04%	0.00%	< 0.00	< 0.00	2.50	2.5	2.5
AL												
AR	407	1,351	1,077	274	0.00%	0.00%	0.00%	< 0.00	< 0.09	< 0.09		
AZ	120	243	171	72	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
CA	14	79	60	19	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,646	1,693	953	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
CT	86	2,269	912	1,357	0.31%	0.11%	0.44%	< 0.00	< 0.00	3.70	0.09	0.09
IN	117	210	194	16	0.00%	0.00%	0.00%	< 0.10	< 2.00	< 2.00		
KY	433	1,970	899	1,071	0.00%	0.00%	0.00%	< 0.10	< 2.50	< 2.50		
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,822	1,371	451	0.11%	0.15%	0.00%	< 0.00	< 0.50	1.30	0.6	0.95
MD	976	4,859	4,307	552	0.02%	0.00%	0.18%	< 0.50	< 0.50	0.90	0.9	0.9
ME	744	3,544	3,141	403	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,735	6,966	6,142	824	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,558	6,864	6,678	186	0.68%	0.31%	13.98%	< 0.00	< 0.20	2.90	0.2	0.4
MO	1,413	3,773	3,275	498	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
MS	1	1	1	0	100.00%	100.00%	0.00%	1.70	1.70	1.70	1.7	1.7
NC	1,784	3,391	2,904	487	0.32%	0.31%	0.41%	< 0.00	< 0.00	0.50	0.5	0.5
ND	296	382	316	66	0.26%	0.00%	1.52%	< 0.00	< 0.50	0.81	0.81	0.81
NH												
NJ	16	19	16	3	0.00%	0.00%	0.00%	< 0.10	< 1.31	< 1.31		
NM	723	4,824	4,601	223	0.00%	0.00%	0.00%	< 0.01	< 1.00	< 1.00		
OH	2,232	17,788	16,432	1,356	0.02%	0.02%	0.00%	< 0.50	< 0.50	1.40	0.6	0.64
OK	791	4,736	3,491	1,245	0.02%	0.03%	0.00%	< 0.00	< 0.00	1.40	1.4	1.4
OR	1,089	2,674	2,107	567	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	113	422	335	87	0.24%	0.30%	0.00%	< 0.00	< 1.00	2.10	2.1	2.1
SC	907	3,984	3,424	560	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	77	533	191	342	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	4,412	16,846	12,190	4,656	0.01%	0.02%	0.00%	< 1.00	< 1.00	18.00	1	9.5
VT	558	1,811	1,604	207	0.06%	0.06%	0.00%	< 0.00	< 0.00	0.60	0.6	0.6
WA	2,547	9,548	8,663	885	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WI	200	360	356	4	0.00%	0.00%	0.00%	< 0.00	< 3.00	< 3.00		
TOTAL	27,582	111,581	92,664	18,917	0.07%	0.05%	0.19%	< 0.00	< 1.00	18.00	0.09	0.5
20 STATES	24,127	97,950	82,227	15,723	0.07%	0.05%	0.19%	< 0.00	< 1.00	18.00	0.2	0.5

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.42.c SDWIS/FED (Round 2) Data- 1,1,1,2-Tetrachloroethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HAL	% GW PWS > 1/2 HAL	% SW PWS > 1/2 HAL	% PWS > HAL	% GW PWS > HAL	% SW PWS > HAL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	3,544	625	481	144	0.16%	0.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL													
AR	1,351	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	243	120	105	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	79	14	11	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	2,646	831	619	212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	2,269	86	44	42	2.33%	2.27%	2.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	210	117	107	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	1,970	433	208	225	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1,822	418	344	74	0.48%	0.58%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	4,859	976	920	56	0.10%	0.00%	1.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	3,544	744	676	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	6,966	2,735	2,644	91	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	6,864	1,558	1,528	30	1.93%	1.11%	43.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	3,773	1,413	1,297	116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	1	1	1		100.00%	100.00%		0.00%	0.00%		0.00%	0.00%	
NC	3,391	1,784	1,591	193	0.50%	0.44%	1.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	382	296	258	38	0.34%	0.00%	2.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH													
NJ	19	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	4,824	723	694	29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	17,788	2,232	2,050	182	0.13%	0.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	4,736	791	541	250	0.13%	0.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,674	1,089	938	151	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA													
RI	422	113	101	12	0.88%	0.99%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	3,984	907	806	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	35	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	533	77	30	47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	16,846	4,412	3,825	587	0.05%	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	1,811	558	494	64	0.18%	0.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	9,548	2,547	2,428	119	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI	360	200	197	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	111,581	27,582	24,552	3,030	0.20%	0.15%	0.59%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
20 STATES	97,950	24,127	21,462	2,665	0.21%	0.16%	0.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > HAL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HAL.

The Health Advisory Level (HAL) for 1,1,1,2-Tetrachloroethane is 70 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.43.a SDWIS/FED (Round 2) Data- 1,1,2,2-Tetrachloroethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HAL	% GW PWS > HAL	% SW PWS > HAL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
AK	625	481	144	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL										
AR	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.10
AZ	121	106	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
CA	16	12	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
CO	831	619	212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
CT	86	44	42	3.49%	4.55%	2.38%	1.16%	2.27%	0.00%	< 0.00
IN	69	62	7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	433	208	225	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	418	344	74	0.24%	0.29%	0.00%	0.00%	0.00%	0.00%	< 0.50
MD	976	920	56	0.10%	0.00%	1.79%	0.00%	0.00%	0.00%	< 0.50
ME	744	676	68	0.13%	0.00%	1.47%	0.00%	0.00%	0.00%	< 0.00
MI	2,735	2,644	91	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,558	1,528	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.20
MO	1,413	1,297	116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
MS										
NC	1,785	1,592	193	0.50%	0.44%	1.04%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NH	681	651	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NJ	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.32
NM	716	689	27	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
OH	2,232	2,050	182	0.09%	0.10%	0.00%	0.00%	0.00%	0.00%	< 0.50
OK	792	541	251	0.13%	0.00%	0.40%	0.00%	0.00%	0.00%	< 0.00
OR	1,085	934	151	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA										
RI	114	102	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
SC	907	806	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	77	30	47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	4,412	3,825	587	0.05%	0.00%	0.34%	0.00%	0.00%	0.00%	< 1.00
VT	558	494	64	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
WA	2,547	2,428	119	0.04%	0.00%	0.84%	0.00%	0.00%	0.00%	< 0.00
WI	200	197	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 3.00
TOTAL	28,209	25,152	3,057	0.08%	0.05%	0.29%	0.00%	0.00%	0.00%	< 1.00
20 STATES	24,800	22,106	2,694	0.08%	0.05%	0.30%	0.00%	0.00%	0.00%	< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > HAL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HAL.

The Health Advisory Level (HAL) for 1,1,2,2-Tetrachloroethane is 2 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.43.b SDWIS/FED (Round 2) Data- 1,1,2,2-Tetrachloroethane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,548	2,604	944	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
AL												
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.10	< 0.10		
AZ	121	244	172	72	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
CA	16	81	61	20	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,643	1,693	950	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
CT	86	2,280	918	1,362	0.53%	0.22%	0.73%	< 0.00	< 0.00	3.90	0.06	0.12
IN	69	142	129	13	0.00%	0.00%	0.00%	< 0.50	< 2.00	< 2.00		
KY	433	1,972	899	1,073	0.00%	0.00%	0.00%	< 0.10	< 2.50	< 2.50		
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,823	1,372	451	0.05%	0.07%	0.00%	< 0.00	< 0.50	1.40	1.40	1.40
MD	976	4,869	4,319	550	0.02%	0.00%	0.18%	< 0.10	< 0.50	0.10	0.10	0.10
ME	744	3,559	3,154	405	0.03%	0.00%	0.25%	< 0.00	< 0.00	2.00	2.00	2.00
MI	2,735	6,965	6,141	824	0.01%	0.02%	0.00%	< 0.00	< 0.00	0.50	0.50	0.50
MN	1,558	6,864	6,678	186	0.00%	0.00%	0.00%	< 0.00	< 0.20	< 0.40		
MO	1,413	3,773	3,275	498	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
MS												
NC	1,785	3,393	2,906	487	0.32%	0.31%	0.41%	< 0.00	< 0.00	0.50	0.50	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH	681	935	892	43	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ	16	19	16	3	0.00%	0.00%	0.00%	< 0.23	< 1.32	< 1.32		
NM	716	4,820	4,602	218	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
OH	2,232	17,788	16,432	1,356	0.01%	0.01%	0.00%	< 0.50	< 0.50	0.56	0.50	0.53
OK	792	4,746	3,492	1,254	0.02%	0.00%	0.08%	< 0.00	< 0.00	0.80	0.80	0.80
OR	1,085	2,658	2,096	562	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	114	423	338	85	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	907	3,984	3,424	560	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	77	531	191	340	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	4,412	16,849	12,190	4,659	0.01%	0.00%	0.04%	< 1.00	< 1.00	1.60	1.50	1.55
VT	558	1,806	1,600	206	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.50		
WA	2,547	9,549	8,665	884	0.01%	0.00%	0.11%	< 0.00	< 0.00	0.30	0.30	0.30
WI	200	360	356	4	0.00%	0.00%	0.00%	< 0.00	< 3.00	< 3.00		
TOTAL	28,209	112,480	93,517	18,963	0.03%	0.02%	0.09%	< 0.00	< 1.00	3.90	0.06	0.50
20 STATES	24,800	98,911	83,142	15,769	0.02%	0.02%	0.05%	< 0.00	< 1.00	2.00	0.10	0.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.43.c SDWIS/FED (Round 2) Data- 1,1,2,2-Tetrachloroethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HAL	% GW PWS > 1/2 HAL	% SW PWS > 1/2 HAL	% PWS > HAL	% GW PWS > HAL	% SW PWS > HAL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	3,548	625	481	144	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL													
AR	1,352	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	244	121	106	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	81	16	12	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	2,643	831	619	212	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	2,280	86	44	42	3.49%	4.55%	2.38%	1.16%	2.27%	0.00%	1.16%	2.27%	0.00%
IN	142	69	62	7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	1,972	433	208	225	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1,823	418	344	74	0.24%	0.29%	0.00%	0.24%	0.29%	0.00%	0.00%	0.00%	0.00%
MD	4,869	976	920	56	0.10%	0.00%	1.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	3,559	744	676	68	0.13%	0.00%	1.47%	0.13%	0.00%	1.47%	0.00%	0.00%	0.00%
MI	6,965	2,735	2,644	91	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	6,864	1,558	1,528	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	3,773	1,413	1,297	116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
NC	3,393	1,785	1,592	193	0.50%	0.44%	1.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	382	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	935	681	651	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	19	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	4,820	716	689	27	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	17,788	2,232	2,050	182	0.09%	0.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	4,746	792	541	251	0.13%	0.00%	0.40%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,658	1,085	934	151	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA													
RI	423	114	102	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	3,984	907	806	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	35	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	531	77	30	47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	16,849	4,412	3,825	587	0.05%	0.00%	0.34%	0.05%	0.00%	0.34%	0.00%	0.00%	0.00%
VT	1,806	558	494	64	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	9,549	2,547	2,428	119	0.04%	0.00%	0.84%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI	360	200	197	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	112,480	28,209	25,152	3,057	0.08%	0.05%	0.29%	0.02%	0.01%	0.10%	0.00%	0.00%	0.00%
20 STATES	98,911	24,800	22,106	2,694	0.08%	0.05%	0.30%	0.02%	0.00%	0.11%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > HAL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HAL.

The Health Advisory Level (HAL) for 1,1,2,2-Tetrachloroethane is 2 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.44.a SDWIS/FED (Round 2) Data- 1,2,3-Trichlorobenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%				< 1.00
AK	625	481	144	2.56%	2.08%	4.17%				< 0.00
AL										
AR	407	319	88	0.00%	0.00%	0.00%				< 0.10
AZ	68	60	8	0.00%	0.00%	0.00%				< 1.00
CA	14	11	3	0.00%	0.00%	0.00%				< 0.50
CO	831	619	212	0.36%	0.32%	0.47%				< 0.00
CT	84	43	41	0.00%	0.00%	0.00%				< 0.00
IN	117	107	10	0.00%	0.00%	0.00%				2.00
KY	359	182	177	0.00%	0.00%	0.00%				< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%				< 0.50
MA	1	1	0	100.00%	100.00%	0.00%				1.00
MD	976	920	56	0.20%	0.11%	1.79%				< 0.50
ME	744	676	68	0.27%	0.15%	1.47%				< 0.00
MI	2,735	2,644	91	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,2,3-Trichlorobenzene.			< 0.00
MN	1,558	1,528	30	0.06%	0.07%	0.00%				< 0.50
MO	1,412	1,297	115	0.00%	0.00%	0.00%				< 2.00
MS										
NC	1,777	1,587	190	0.56%	0.50%	1.05%				< 0.00
ND	296	258	38	0.00%	0.00%	0.00%				< 0.50
NH										
NJ	7	7	0	0.00%	0.00%	0.00%				< 1.00
NM	720	693	27	0.14%	0.14%	0.00%				< 1.00
OH	2,232	2,050	182	0.27%	0.29%	0.00%				< 0.50
OK	791	541	250	0.00%	0.00%	0.00%				< 0.00
OR	16	14	2	0.00%	0.00%	0.00%				< 0.00
PA										
RI	115	103	12	0.00%	0.00%	0.00%				< 1.00
SC	237	216	21	0.00%	0.00%	0.00%				< 0.50
SD	27	19	8	0.00%	0.00%	0.00%				< 0.50
TN										
TX	4,412	3,825	587							< 2.00
VT	2	1	1	0.00%	0.00%	0.00%				< 0.50
WA	2,525	2,406	119	0.00%	0.00%	0.00%				< 0.00
WI	191	188	3	0.00%	0.00%	0.00%				< 0.30
TOTAL	24,611	22,058	2,553	0.17%	0.14%	0.47%				< 2.00
20 STATES	22,532	20,144	2,388	0.19%	0.15%	0.50%				< 2.00
19 STATES[1]	22,532	20,144	2,388	0.19%	0.15%	0.50%				< 2.00

1. New Hampshire data not included in "19 States" summary statistics for 1,2,3-Trichlorobenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.44.b SDWIS/FED (Round 2) Data- 1,2,3-Trichlorobenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,546	2,614	932	0.45%	0.38%	0.64%	< 0.00	< 0.00	1.10	0.10	0.30
AL		0										
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.10	< 0.10		
AZ	68	133	114	19	0.00%	0.00%	0.00%	< 0.40	< 1.00	< 1.00		
CA	14	79	60	19	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,642	1,691	951	0.11%	0.12%	0.11%	< 0.00	< 0.00	0.70	0.03	0.20
CT	84	1,941	853	1,088	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN	117	210	194	16				0.15	2.00	2.00		
KY	359	1,544	740	804	0.00%	0.00%	0.00%	< 0.40	< 2.50	< 2.50		
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	1	1	1	0	100.00%	100.00%	0.00%	1.00	1.00	1.00	1.00	1.00
MD	976	4,857	4,306	551	0.06%	0.02%	0.36%	< 0.30	< 0.50	0.50	0.30	0.40
ME	744	3,562	3,158	404	0.08%	0.06%	0.25%	< 0.00	< 0.00	2.40	1.41	1.60
MI	2,735	6,967	6,143	824	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,558	6,864	6,678	186	0.01%	0.01%	0.00%	< 0.00	< 0.50	0.60	0.60	0.60
MO	1,412	3,779	3,283	496	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
MS		0										
NC	1,777	3,347	2,883	464	0.36%	0.35%	0.43%	< 0.00	< 0.00	1.40	0.50	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH		0										
NJ	7	7	7		0.00%	0.00%		< 0.32	< 1.00	< 1.00		
NM	720	4,294	4,090	204	0.02%	0.02%	0.00%	< 0.50	< 1.00	0.70	0.70	0.70
OH	2,232	17,788	16,432	1,356	0.04%	0.04%	0.00%	< 0.50	< 0.50	1.00	0.50	0.62
OK	791	4,734	3,490	1,244	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	16	19	17	2	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA		0										
RI	115	424	339	85	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	237	425	385	40	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN		0										
TX	4,412	16,766	12,125	4,641	0.01%	0.00%	0.02%	< 1.70	< 2.00	1.70	1.70	1.70
VT	2	2	1	1	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
WA	2,525	9,318	8,466	852	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
WI	191	349	345	4	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
TOTAL	24,611	99,454	83,317	16,137	0.05%	0.04%	0.08%	< 0.00	< 2.00	2.40	0.03	0.50
20 STATES	22,532	92,186	77,850	14,336	0.05%	0.04%	0.09%	< 0.00	< 2.00	2.40	0.03	0.50
19 STATES[1]	22,532	92,186	77,850	14,336	0.05%	0.04%	0.09%	< 0.00	< 2.00	2.40	0.03	0.50

1. New Hampshire data not included in "19 States" summary statistics for 1,2,3-Trichlorobenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.44.c SDWIS/FED (Round 2) Data- 1,2,3-Trichlorobenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%						
AK	3,546	625	481	144	2.56%	2.08%	4.17%						
AL													
AR	1,352	407	319	88	0.00%	0.00%	0.00%						
AZ	133	68	60	8	0.00%	0.00%	0.00%						
CA	79	14	11	3	0.00%	0.00%	0.00%						
CO	2,642	831	619	212	0.36%	0.32%	0.47%						
CT	1,941	84	43	41	0.00%	0.00%	0.00%						
IN	210	117	107	10	0.00%	0.00%	0.00%						
KY	1,544	359	182	177	0.00%	0.00%	0.00%						
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%						
MA	1	1	1	0	100.00%	100.00%	0.00%						
MD	4,857	976	920	56	0.20%	0.11%	1.79%						
ME	3,562	744	676	68	0.27%	0.15%	1.47%						
MI	6,967	2,735	2,644	91	0.00%	0.00%	0.00%						
MN	6,864	1,558	1,528	30	0.06%	0.07%	0.00%						
MO	3,779	1,412	1,297	115	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,2,3-Trichlorobenzene.					
MS													
NC	3,347	1,777	1,587	190	0.56%	0.50%	1.05%						
ND	382	296	258	38	0.00%	0.00%	0.00%						
NH													
NJ	7	7	7	0	0.00%	0.00%	0.00%						
NM	4,294	720	693	27	0.14%	0.14%	0.00%						
OH	17,788	2,232	2,050	182	0.27%	0.29%	0.00%						
OK	4,734	791	541	250	0.00%	0.00%	0.00%						
OR	19	16	14	2	0.00%	0.00%	0.00%						
PA													
RI	424	115	103	12	0.00%	0.00%	0.00%						
SC	425	237	216	21	0.00%	0.00%	0.00%						
SD	35	27	19	8	0.00%	0.00%	0.00%						
TN													
TX	16,766	4,412	3,825	587									
VT	2	2	1	1	0.00%	0.00%	0.00%						
WA	9,318	2,525	2,406	119	0.00%	0.00%	0.00%						
WI	349	191	188	3	0.00%	0.00%	0.00%						
TOTAL	99,454	24,611	22,058	2,553	0.17%	0.14%	0.47%						
20 STATES	92,186	22,532	20,144	2,388	0.19%	0.15%	0.50%						
19 STATES[1]	92,186	22,532	20,144	2,388	0.19%	0.15%	0.50%						

1. New Hampshire data not included in "19 States" summary statistics for 1,2,3-Trichlorobenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.45.a SDWIS/FED (Round 2) Data- Trichlorofluoromethane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HAL	% GW PWS > HAL	% SW PWS > HAL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
AK	625	481	144	16.16%	14.14%	22.92%	0.00%	0.00%	0.00%	4.00
AL	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	1.30
AR	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.16
AZ	119	104	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
CA	24	17	7	33.33%	23.53%	57.14%	0.00%	0.00%	0.00%	49.70
CO	831	619	212	8.06%	6.14%	13.68%	0.00%	0.00%	0.00%	0.47
CT	84	43	41	1.19%	2.33%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN	118	108	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	86	39	47	4.65%	5.13%	4.26%	0.00%	0.00%	0.00%	< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MA	420	345	75	1.43%	1.16%	2.67%	0.00%	0.00%	0.00%	< 0.50
MD	976	920	56	0.82%	0.65%	3.57%	0.00%	0.00%	0.00%	< 0.50
ME	744	676	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MI	2,735	2,644	91	0.18%	0.19%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,558	1,528	30	0.06%	0.07%	0.00%	0.00%	0.00%	0.00%	< 2.00
MO	1,411	1,297	114	0.07%	0.08%	0.00%	0.00%	0.00%	0.00%	< 2.50
MS	4	4	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	3.00
NC	1,776	1,586	190	1.13%	1.01%	2.11%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	3.38%	3.49%	2.63%	0.00%	0.00%	0.00%	0.64
NH	682	651	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
NJ	7	7	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
NM	719	693	26	0.28%	0.29%	0.00%	0.00%	0.00%	0.00%	< 1.00
OH	2,232	2,050	182	0.58%	0.63%	0.00%	0.00%	0.00%	0.00%	< 0.50
OK	790	541	249	0.51%	0.74%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	17	15	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
PA										
RI	115	103	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
SC	236	215	21	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN										
TX	4,411	3,824	587	0.32%	0.34%	0.17%	0.00%	0.00%	0.00%	< 1.00
VT	2	1	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.60
WA	2,510	2,391	119	0.36%	0.33%	0.84%	0.00%	0.00%	0.00%	< 0.00
WI	199	196	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
TOTAL	25,495	22,958	2,537	1.10%	0.88%	3.11%	0.00%	0.00%	0.00%	< 2.50
20 STATES	23,341	20,980	2,361	1.14%	0.91%	3.18%	0.00%	0.00%	0.00%	< 2.50
19 STATES	22,659	20,329	2,330	1.17%	0.93%	3.22%	0.00%	0.00%	0.00%	< 2.50

1. New Hampshire data not included in "19 States" summary statistics for Trichlorofluoromethane.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > HAL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HAL.

The Health Advisory Level (HAL) for Trichlorofluoromethane is 175 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.45.b SDWIS/FED (Round 2) Data- Trichlorofluoromethane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,513	2,592	921	6.92%	6.40%	8.36%	< 0.00	4.00	104.50	0.00	1.30
AL	2	2	2	0	100.00%	100.00%	0.00%	0.50	1.30	1.30	0.50	0.90
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.16	< 0.16		
AZ	119	241	169	72	0.00%	0.00%	0.00%	< 0.20	< 2.00	< 2.00		
CA	24	92	68	24	10.87%	8.82%	16.67%	< 0.20	49.70	49.70	0.60	1.80
CO	831	2,640	1,692	948	5.34%	4.02%	7.70%	< 0.00	0.47	4.10	0.04	0.25
CT	84	1,924	842	1,082	0.05%	0.12%	0.00%	< 0.00	< 0.00	0.10	0.10	0.10
IN	118	211	195	16	0.00%	0.00%	0.00%	< 0.12	< 2.00	< 2.00		
KY	86	420	158	262	0.95%	1.27%	0.76%	< 0.40	< 2.50	5.00	1.00	3.00
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	420	1,827	1,375	452	0.60%	0.65%	0.44%	< 0.00	< 0.50	3.00	0.52	0.80
MD	976	4,859	4,308	551	0.33%	0.30%	0.54%	< 0.20	< 0.50	39.30	0.20	5.55
ME	744	3,543	3,136	407	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,735	6,966	6,142	824	0.10%	0.11%	0.00%	< 0.00	< 0.00	16.00	1.00	1.00
MN	1,558	6,864	6,678	186	0.03%	0.03%	0.00%	< 0.00	< 2.00	2.20	0.90	1.55
MO	1,411	3,767	3,273	494	0.03%	0.03%	0.00%	< 0.00	< 2.50	3.50	3.50	3.50
MS	4	8	8	0	100.00%	100.00%	0.00%	0.50	3.00	3.00	0.50	1.50
NC	1,776	3,338	2,878	460	0.66%	0.63%	0.87%	< 0.00	< 0.00	19.00	0.50	0.50
ND	296	389	319	70	2.57%	2.82%	1.43%	< 0.00	0.64	2.47	0.51	0.60
NH	682	938	892	46	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
NJ	7	7	7	0	0.00%	0.00%	0.00%	< 0.27	< 1.00	< 1.00		
NM	719	4,290	4,088	202	0.05%	0.05%	0.00%	< 0.50	< 1.00	0.85	0.60	0.73
OH	2,232	17,788	16,432	1,356	0.16%	0.17%	0.00%	< 0.50	< 0.50	5.36	0.60	1.10
OK	790	4,738	3,492	1,246	0.19%	0.26%	0.00%	< 0.00	< 0.00	10.40	0.70	6.40
OR	17	20	18	2	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	115	425	338	87	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	236	424	384	40	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN												
TX	4,411	16,722	12,093	4,629	0.09%	0.12%	0.02%	< 0.50	< 1.00	38.66	2.10	3.60
VT	2	2	1	1	0.00%	0.00%	0.00%	< 1.60	< 1.60	< 1.60		
WA	2,510	9,015	8,168	847	0.17%	0.10%	0.83%	< 0.00	< 0.00	2.70	0.10	0.20
WI	199	359	355	4	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
TOTAL	25,495	100,806	84,689	16,117	0.54%	0.44%	1.08%	< 0.00	< 2.50	104.50	0.00	0.87
20 STATES	23,341	93,414	79,150	14,264	0.56%	0.45%	1.19%	< 0.00	< 2.50	104.50	0.00	0.85
19 STATES	22,659	92,476	78,258	14,218	0.57%	0.45%	1.20%	< 0.00	< 2.50	104.50	0.00	0.85

1. New Hampshire data not included in "19 States" summary statistics for Trichlorofluoromethane.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.45.c SDWIS/FED (Round 2) Data- Trichlorofluoromethane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HAL	% GW PWS > 1/2 HAL	% SW PWS > 1/2 HAL	% PWS > HAL	% GW PWS > HAL	% SW PWS > HAL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	3,513	625	481	144	16.16%	14.14%	22.92%	0.16%	0.16%	0.00%	0.00%	0.00%	0.00%
AL	2	2	2	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AR	1,352	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	241	119	104	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	92	24	17	7	33.33%	23.53%	57.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	2,640	831	619	212	8.06%	6.14%	13.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	1,924	84	43	41	1.19%	2.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	211	118	108	10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	420	86	39	47	4.65%	5.13%	4.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1,827	420	345	75	1.43%	1.16%	2.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	4,859	976	920	56	0.82%	0.65%	3.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	3,543	744	676	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	6,966	2,735	2,644	91	0.18%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	6,864	1,558	1,528	30	0.06%	0.07%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	3,767	1,411	1,297	114	0.07%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS	8	4	4	0	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC	3,338	1,776	1,586	190	1.13%	1.01%	2.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	389	296	258	38	3.38%	3.49%	2.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH	938	682	651	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NJ	7	7	7	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	4,290	719	693	26	0.28%	0.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	17,788	2,232	2,050	182	0.58%	0.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	4,738	790	541	249	0.51%	0.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	20	17	15	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PA													
RI	425	115	103	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	424	236	215	21	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	35	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN													
TX	16,722	4,411	3,824	587	0.32%	0.34%	0.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VT	2	2	1	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	9,015	2,510	2,391	119	0.36%	0.33%	0.84%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI	359	199	196	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	100,806	25,495	22,958	2,537	1.10%	0.88%	3.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
20 STATES	93,414	23,341	20,980	2,361	1.14%	0.91%	3.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19 STATES	92,476	22,659	20,329	2,330	1.17%	0.93%	3.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

1. New Hampshire data not included in "19 States" summary statistics for Trichlorofluoromethane.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > HAL" indicates the proportion of systems with any analytical results exceeding the concentration value of the HAL.

The Health Advisory Level (HAL) for Trichlorofluoromethane is 175 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.46.a SDWIS/FED (Round 2) Data- 1,2,3-Trichloropropane Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
AK	625	481	144	0.16%	0.21%	0.00%	0.00%	0.00%	0.00%	< 0.00
AL										
AR	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.16
AZ	120	105	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
CA	14	11	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
CO	831	619	212	0.12%	0.00%	0.47%	0.00%	0.00%	0.00%	< 0.00
CT	86	44	42	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
IN	113	105	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
KY	403	194	209	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.02
MA	418	344	74	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MD	976	920	56	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%	< 0.50
ME	744	676	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MI	2,735	2,644	91	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
MN	1,558	1,528	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
MO	1,413	1,297	116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
MS										
NC	1,776	1,586	190	0.51%	0.44%	1.05%	0.00%	0.00%	0.00%	< 0.00
ND	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
NH										
NJ	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.66
NM	722	691	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
OH	2,232	2,050	182	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
OK	791	541	250	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
OR	1,088	938	150	0.09%	0.11%	0.00%	0.09%	0.11%	0.00%	< 0.00
PA										
RI	114	102	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 1.00
SC	907	806	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
SD	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.50
TN	77	30	47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
TX	4,412	3,825	587	0.09%	0.03%	0.51%	0.00%	0.00%	0.00%	< 1.00
VT	559	495	64	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 0.00
WA	2,547	2,428	119	0.08%	0.08%	0.00%	0.00%	0.00%	0.00%	< 0.00
WI	199	196	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	< 2.00
TOTAL	27,538	24,528	3,010	0.07%	0.05%	0.20%	0.00%	0.00%	0.00%	< 1.00
20 STATES	24,088	21,441	2,647	0.08%	0.06%	0.23%	0.00%	0.00%	0.00%	< 1.00

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for 1,2,3-Trichloropropane is 40 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.46.b SDWIS/FED (Round 2) Data- 1,2,3-Trichloropropane Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,548	2,605	943	0.03%	0.04%	0.00%	< 0.00	< 0.00	0.10	0.10	0.10
AL												
AR	407	1,351	1,077	274	0.00%	0.00%	0.00%	< 0.00	< 0.16	< 0.16		
AZ	120	241	170	71	0.00%	0.00%	0.00%	< 0.20	< 1.00	< 1.00		
CA	14	79	60	19	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 0.50		
CO	831	2,646	1,693	953	0.04%	0.00%	0.10%	< 0.00	< 0.00	0.03	0.03	0.03
CT	86	2,259	921	1,338	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN	113	200	188	12	0.00%	0.00%	0.00%	< 0.16	< 2.00	< 2.00		
KY	403	1,875	853	1,022	0.00%	0.00%	0.00%	< 0.20	< 2.50	< 2.50		
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.02	< 0.02	< 0.02		
MA	418	1,821	1,370	451	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
MD	976	4,858	4,308	550	0.02%	0.02%	0.00%	< 0.50	< 0.50	3.00	3.00	3.00
ME	744	3,550	3,147	403	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,735	6,966	6,142	824	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MN	1,558	6,864	6,678	186	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 1.00		
MO	1,413	3,773	3,275	498	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
MS												
NC	1,776	3,340	2,879	461	0.33%	0.31%	0.43%	< 0.00	< 0.00	0.50	0.50	0.50
ND	296	382	316	66	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
NH												
NJ	16	19	16	3	0.00%	0.00%	0.00%	< 0.21	< 1.66	< 1.66		
NM	722	5,058	4,829	229	0.00%	0.00%	0.00%	< 0.02	< 1.00	< 1.00		
OH	2,232	17,788	16,432	1,356	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
OK	791	4,737	3,491	1,246	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
OR	1,088	2,669	2,107	562	0.04%	0.05%	0.00%	< 0.00	< 0.00	3000.00	3000.00	3000.00
PA												
RI	114	423	339	84	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	907	3,985	3,425	560	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 0.50		
SD	27	35	26	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN	77	533	191	342	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
TX	4,412	16,761	12,117	4,644	0.02%	0.01%	0.06%	< 1.00	< 1.00	34.00	2.10	11.05
VT	559	1,811	1,603	208	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 5.30		
WA	2,547	9,545	8,660	885	0.04%	0.05%	0.00%	< 0.00	< 0.00	0.20	0.10	0.15
WI	199	359	355	4	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
TOTAL	27,538	111,563	92,755	18,808	0.02%	0.02%	0.03%	< 0.00	< 1.00	3000.00	0.03	0.50
20 STATES	24,088	97,955	82,318	15,637	0.02%	0.02%	0.04%	< 0.00	< 1.00	3000.00	0.03	0.50

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.46.c SDWIS/FED (Round 2) Data- 1,2,3-Trichloropropane Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 MCL	% GW PWS > 1/2 MCL	% SW PWS > 1/2 MCL	% PWS > MCL	% GW PWS > MCL	% SW PWS > MCL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK	3,548	625	481	144	0.16%	0.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AL													
AR	1,351	407	319	88	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AZ	241	120	105	15	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CA	79	14	11	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CO	2,646	831	619	212	0.12%	0.00%	0.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CT	2,259	86	44	42	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IN	200	113	105	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY	1,875	403	194	209	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MA	1,821	418	344	74	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD	4,858	976	920	56	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ME	3,550	744	676	68	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MI	6,966	2,735	2,644	91	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN	6,864	1,558	1,528	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MO	3,773	1,413	1,297	116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MS													
NC	3,340	1,776	1,586	190	0.51%	0.44%	1.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ND	382	296	258	38	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NH													
NJ	19	16	14	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM	5,058	722	691	31	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH	17,788	2,232	2,050	182	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OK	4,737	791	541	250	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OR	2,669	1,088	938	150	0.09%	0.11%	0.00%	0.09%	0.11%	0.00%	0.09%	0.11%	0.00%
PA													
RI	423	114	102	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SC	3,985	907	806	101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SD	35	27	19	8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TN	533	77	30	47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TX	16,761	4,412	3,825	587	0.09%	0.03%	0.51%	0.02%	0.03%	0.00%	0.00%	0.00%	0.00%
VT	1,811	559	495	64	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA	9,545	2,547	2,428	119	0.08%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WI	359	199	196	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	111,563	27,538	24,528	3,010	0.07%	0.05%	0.20%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%
20 STATES	97,955	24,088	21,441	2,647	0.08%	0.06%	0.23%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

"% > MCL" indicates the proportion of systems with any analytical results exceeding the concentration value of the MCL; it does not necessarily indicate an MCL violation. An MCL violation occurs when the MCL is exceeded by the average results from four quarterly samples or confirmation samples as required by the primacy States.

The Maximum Contaminant Level (MCL) for 1,2,3-Trichloropropane is 40 µg/L.

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.47.a SDWIS/FED (Round 2) Data- 1,2,4-Trimethylbenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%				< 1.00
AK	625	481	144	6.72%	5.41%	11.11%				0.22
AL	1	1		100.00%	100.00%	0.00%				8.70
AR	407	319	88	0.25%	0.31%	0.00%				< 0.08
AZ	68	60	8	0.00%	0.00%	0.00%				< 1.00
CA	15	12	3	6.67%	8.33%	0.00%				0.90
CO	831	619	212	0.72%	0.32%	1.89%				< 0.00
CT	84	43	41	1.19%	2.33%	0.00%				< 0.00
IN	117	107	10	1.71%	1.87%	0.00%				< 2.00
KY	358	181	177	1.12%	0.55%	1.69%				< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%				< 0.50
MA	418	344	74	1.44%	1.16%	2.70%				< 0.50
MD	976	920	56	0.72%	0.43%	5.36%				< 0.50
ME	744	676	68	0.40%	0.44%	0.00%				< 0.00
MI	2,734	2,643	91	0.73%	0.68%	2.20%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,2,4-Trimethylbenzene.			< 0.00
MN	1,558	1,528	30	1.16%	1.05%	6.67%				< 0.50
MO	1,412	1,297	115	0.28%	0.08%	2.61%				< 1.00
MS	3	3	0	100.00%	100.00%	0.00%				15.80
NC	1,777	1,587	190	0.56%	0.50%	1.05%				< 0.00
ND	296	258	38	1.69%	1.55%	2.63%				1.84
NH	3	2	1	100.00%	100.00%	100.00%				7.40
NJ	7	7	0	0.00%	0.00%	0.00%				< 1.00
NM	715	689	26	0.70%	0.73%	0.00%				< 1.00
OH	2,232	2,050	182	0.85%	0.88%	0.55%				< 0.50
OK	791	541	250	0.38%	0.37%	0.40%				< 0.00
OR	17	15	2	0.00%	0.00%	0.00%				< 0.00
PA										
RI	115	103	12	0.00%	0.00%	0.00%				< 1.00
SC	237	216	21	0.00%	0.00%	0.00%				< 0.50
SD	27	19	8	0.00%	0.00%	0.00%				< 0.50
TN										
TX	4,413	3,826	587	0.43%	0.42%	0.51%				< 1.00
VT	4	2	2	50.00%	50.00%	50.00%				9.80
WA	2,546	2,427	119	0.08%	0.04%	0.84%				< 0.00
WI	190	187	3	0.53%	0.53%	0.00%				< 0.30
TOTAL	25,053	22,425	2,628	0.75%	0.63%	1.75%				< 1.00
20 STATES	22,968	20,506	2,462	0.77%	0.64%	1.83%				< 1.00
19 STATES[1]	22,965	20,504	2,461	0.76%	0.63%	1.79%				< 1.00

1. New Hampshire data not included in "19 States" summary statistics for 1,2,4-Trimethylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.47.b SDWIS/FED (Round 2) Data- 1,2,4-Trimethylbenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,538	2,603	935	1.67%	1.38%	2.46%	< 0.00	0.22	70.60	0.10	0.30
AL	1	1	1	0	100.00%	100.00%	0.00%	8.70	8.70	8.70	8.70	8.70
AR	407	1,351	1,077	274	0.07%	0.09%	0.00%	< 0.00	< 0.08	1.80	1.80	1.80
AZ	68	133	113	20	0.00%	0.00%	0.00%	< 0.40	< 1.00	< 1.00		
CA	15	80	61	19	1.25%	1.64%	0.00%	< 0.20	0.90	0.90	0.90	0.90
CO	831	2,645	1,694	951	0.30%	0.12%	0.63%	< 0.00	< 0.00	0.60	0.10	0.12
CT	84	1,929	843	1,086	0.05%	0.12%	0.00%	< 0.00	< 0.00	0.60	0.60	0.60
IN	117	210	194	16	0.95%	1.03%	0.00%	< 0.10	< 2.00	5.10	4.00	4.55
KY	358	1,543	738	805	0.39%	0.27%	0.50%	< 0.40	< 2.50	137.00	0.52	2.01
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,825	1,373	452	0.38%	0.29%	0.66%	< 0.00	< 0.50	9.79	0.59	1.90
MD	976	4,856	4,306	550	0.21%	0.09%	1.09%	< 0.10	< 0.50	10.00	0.10	0.25
ME	744	3,553	3,150	403	0.11%	0.13%	0.00%	< 0.00	< 0.00	26.20	1.70	6.80
MI	2,734	6,962	6,138	824	0.43%	0.42%	0.49%	< 0.00	< 0.00	28.10	0.50	0.95
MN	1,558	6,864	6,678	186	0.38%	0.33%	2.15%	< 0.00	< 0.50	80.00	0.50	0.90
MO	1,412	3,779	3,283	496	0.11%	0.03%	0.60%	< 0.00	< 1.00	7.80	2.00	3.55
MS	3	5	5	0	100.00%	100.00%	0.00%	4.00	15.80	15.80	4.00	5.50
NC	1,777	3,341	2,880	461	0.36%	0.35%	0.43%	< 0.00	< 0.00	0.60	0.50	0.50
ND	296	385	317	68	1.82%	1.58%	2.94%	< 0.00	1.84	18.00	0.51	1.84
NH	3	4	2	2	75.00%	100.00%	50.00%	< 0.96	7.40	7.40	0.96	3.10
NJ	7	7	7	0	0.00%	0.00%	0.00%	< 0.37	< 1.00	< 1.00		
NM	715	4,273	4,073	200	0.37%	0.39%	0.00%	< 0.50	< 1.00	1.39	0.50	0.70
OH	2,232	17,788	16,432	1,356	0.18%	0.19%	0.07%	< 0.50	< 0.50	4.45	0.50	0.81
OK	791	4,737	3,492	1,245	0.06%	0.06%	0.08%	< 0.00	< 0.00	1.00	0.50	0.57
OR	17	20	18	2	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	115	425	340	85	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 1.00		
SC	237	425	385	40	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
SD	27	34	25	9	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN												
TX	4,413	16,786	12,143	4,643	0.14%	0.16%	0.06%	< 0.70	< 1.00	10.00	0.70	1.70
VT	4	10	7	3	20.00%	14.29%	33.33%	< 0.50	9.80	2.00	1.90	1.95
WA	2,546	9,531	8,647	884	0.02%	0.01%	0.11%	< 0.00	< 0.00	1.00	0.10	0.55
WI	190	348	344	4	0.29%	0.29%	0.00%	< 0.00	< 0.30	0.95	0.95	0.95
TOTAL	25,053	101,475	84,851	16,624	0.26%	0.24%	0.39%	< 0.00	< 1.00	137.00	0.10	0.90
20 STATES	22,968	94,206	79,384	14,822	0.27%	0.24%	0.43%	< 0.00	< 1.00	137.00	0.10	0.80
19 STATES[1]	22,965	94,202	79,382	14,820	0.27%	0.24%	0.43%	< 0.00	< 1.00	137.00	0.10	0.80

1. New Hampshire data not included in "19 States" summary statistics for 1,2,4-Trimethylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.47.c SDWIS/FED (Round 2) Data- 1,2,4-Trimethylbenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%						
AK	3,538	625	481	144	6.72%	5.41%	11.11%						
AL	1	1	1	0	100.00%	100.00%	0.00%						
AR	1,351	407	319	88	0.25%	0.31%	0.00%						
AZ	133	68	60	8	0.00%	0.00%	0.00%						
CA	80	15	12	3	6.67%	8.33%	0.00%						
CO	2,645	831	619	212	0.72%	0.32%	1.89%						
CT	1,929	84	43	41	1.19%	2.33%	0.00%						
IN	210	117	107	10	1.71%	1.87%	0.00%						
KY	1,543	358	181	177	1.12%	0.55%	1.69%						
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%						
MA	1,825	418	344	74	1.44%	1.16%	2.70%						
MD	4,856	976	920	56	0.72%	0.43%	5.36%						
ME	3,553	744	676	68	0.40%	0.44%	0.00%						
MI	6,962	2,734	2,643	91	0.73%	0.68%	2.20%						
MN	6,864	1,558	1,528	30	1.16%	1.05%	6.67%						
MO	3,779	1,412	1,297	115	0.28%	0.08%	2.61%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,2,4-Trimethylbenzene.					
MS	5	3	3	0	100.00%	100.00%	0.00%						
NC	3,341	1,777	1,587	190	0.56%	0.50%	1.05%						
ND	385	296	258	38	1.69%	1.55%	2.63%						
NH	4	3	2	1	100.00%	100.00%	100.00%						
NJ	7	7	7	0	0.00%	0.00%	0.00%						
NM	4,273	715	689	26	0.70%	0.73%	0.00%						
OH	17,788	2,232	2,050	182	0.85%	0.88%	0.55%						
OK	4,737	791	541	250	0.38%	0.37%	0.40%						
OR	20	17	15	2	0.00%	0.00%	0.00%						
PA													
RI	425	115	103	12	0.00%	0.00%	0.00%						
SC	425	237	216	21	0.00%	0.00%	0.00%						
SD	34	27	19	8	0.00%	0.00%	0.00%						
TN													
TX	16,786	4,413	3,826	587	0.43%	0.42%	0.51%						
VT	10	4	2	2	50.00%	50.00%	50.00%						
WA	9,531	2,546	2,427	119	0.08%	0.04%	0.84%						
WI	348	190	187	3	0.53%	0.53%	0.00%						
TOTAL	101,475	25,053	22,425	2,628	0.75%	0.63%	1.75%						
20 STATES	94,206	22,968	20,506	2,462	0.77%	0.64%	1.83%						
19 STATES[1]	94,202	22,965	20,504	2,461	0.76%	0.63%	1.79%						

1. New Hampshire data not included in "19 States" summary statistics for 1,2,4-Trimethylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.48.a SDWIS/FED (Round 2) Data- 1,3,5-Trimethylbenzene Occurrence in Public Water Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL	99% VALUE (µg/L)
Tribes (06)	22	21	1	0.00%	0.00%	0.00%				< 1.00
AK	625	481	144	3.84%	2.91%	6.94%				< 0.00
AL	1	1	0	100.00%	100.00%	0.00%				2.30
AR	407	319	88	0.00%	0.00%	0.00%				< 0.09
AZ	68	60	8	0.00%	0.00%	0.00%				< 1.00
CA	15	12	3	6.67%	8.33%	0.00%				0.90
CO	831	619	212	0.84%	0.65%	1.42%				< 0.00
CT	84	43	41	0.00%	0.00%	0.00%				< 0.00
IN	117	107	10	1.71%	1.87%	0.00%				< 2.00
KY	362	184	178	0.28%	0.00%	0.56%				< 2.50
LA	1,310	1,241	69	0.00%	0.00%	0.00%				< 0.50
MA	418	344	74	1.20%	0.87%	2.70%				< 0.50
MD	976	920	56	0.41%	0.11%	5.36%				< 0.50
ME	744	676	68	0.00%	0.00%	0.00%				< 0.00
MI	2,735	2,644	91	0.44%	0.38%	2.20%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,3,5-Trimethylbenzene.			< 0.00
MN	1,558	1,528	30	0.45%	0.39%	3.33%				< 0.50
MO	1,412	1,297	115	0.00%	0.00%	0.00%				< 2.00
MS	5	5	0	100.00%	100.00%	0.00%				19.90
NC	1,777	1,587	190	0.51%	0.44%	1.05%				< 0.00
ND	296	258	38	0.68%	0.78%	0.00%				< 0.50
NH	3	2	1	100.00%	100.00%	100.00%				2.40
NJ	7	7	0	0.00%	0.00%	0.00%				< 1.00
NM	719	694	25	0.28%	0.14%	4.00%				< 1.00
OH	2,232	2,050	182	0.54%	0.54%	0.55%				< 0.50
OK	791	541	250	0.13%	0.18%	0.00%				< 0.00
OR	17	15	2	0.00%	0.00%	0.00%				< 0.00
PA										
RI	115	103	12	0.00%	0.00%	0.00%				< 1.00
SC	240	216	24	0.00%	0.00%	0.00%				< 0.50
SD	24	18	6	0.00%	0.00%	0.00%				< 0.50
TN										
TX	4,412	3,825	587	0.25%	0.29%	0.00%				< 1.00
VT	5	3	2	60.00%	66.67%	50.00%				2.30
WA	2,547	2,428	119	0.04%	0.00%	0.84%				< 0.00
WI	189	186	3	0.00%	0.00%	0.00%				< 0.30
TOTAL	25,064	22,435	2,629	0.45%	0.37%	1.10%				< 2.00
20 STATES	22,977	20,515	2,462	0.44%	0.36%	1.14%				< 2.00
19 STATES[1]	22,974	20,513	2,461	0.43%	0.35%	1.10%				< 2.00

1, New Hampshire data not included in "19 States" summary statistics for 1,3,5-Trimethylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.48.b SDWIS/FED (Round 2) Data- 1,3,5-Trimethylbenzene Occurrence in Public Water Systems- Based on Number of Samples

STATE	TOTAL UNIQUE PWS	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
Tribes (06)	22	32	31	1	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
AK	625	3,539	2,605	934	0.96%	0.84%	1.28%	< 0.00	< 0.00	16.00	0.10	0.34
AL	1	1	1	0	100.00%	100.00%	0.00%	2.30	2.30	2.30	2.30	2.30
AR	407	1,352	1,078	274	0.00%	0.00%	0.00%	< 0.00	< 0.09	< 0.09		
AZ	68	135	115	20	0.00%	0.00%	0.00%	< 0.40	< 1.00	< 1.00		
CA	15	81	62	19	1.23%	1.61%	0.00%	< 0.20	0.90	0.90	0.90	0.90
CO	831	2,643	1,693	950	0.26%	0.24%	0.32%	< 0.00	< 0.00	0.60	0.05	0.30
CT	84	1,938	846	1,092	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
IN	117	209	193	16	0.96%	1.04%	0.00%	< 0.10	< 2.00	1.80	1.70	1.75
KY	362	1,555	747	808	0.06%	0.00%	0.12%	< 0.40	< 2.50	3.21	3.21	3.21
LA	1,310	4,055	3,451	604	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MA	418	1,824	1,372	452	0.38%	0.29%	0.66%	< 0.00	< 0.50	6.80	0.90	1.69
MD	976	4,855	4,306	549	0.14%	0.02%	1.09%	< 0.10	< 0.50	1.20	0.10	0.30
ME	744	3,543	3,140	403	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
MI	2,735	6,965	6,141	824	0.24%	0.24%	0.24%	< 0.00	< 0.00	9.40	0.50	1.20
MN	1,558	6,864	6,678	186	0.12%	0.10%	0.54%	< 0.00	< 0.50	5.90	0.50	1.15
MO	1,412	3,779	3,283	496	0.00%	0.00%	0.00%	< 0.00	< 2.00	< 2.00		
MS	5	6	6	0	100.00%	100.00%	0.00%	1.00	19.90	19.90	1.00	5.90
NC	1,777	3,355	2,888	467	0.33%	0.31%	0.43%	< 0.00	< 0.00	0.50	0.50	0.50
ND	296	383	317	66	0.78%	0.95%	0.00%	< 0.00	< 0.50	7.22	2.07	6.90
NH	3	4	2	2	100.00%	100.00%	100.00%	0.79	2.40	2.40	0.79	2.00
NJ	7	7	7	0	0.00%	0.00%	0.00%	< 0.13	< 1.00	< 1.00		
NM	719	4,291	4,090	201	0.09%	0.05%	1.00%	< 0.50	< 1.00	5.10	0.50	0.55
OH	2,232	17,789	16,433	1,356	0.09%	0.09%	0.07%	< 0.50	< 0.50	4.34	0.50	0.83
OK	791	4,737	3,492	1,245	0.02%	0.03%	0.00%	< 0.00	< 0.00	0.60	0.60	0.60
OR	17	20	18	2	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		
PA												
RI	115	425	340	85	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
SC	240	428	385	43	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
SD	24	29	23	6	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
TN												
TX	4,412	16,783	12,138	4,645	0.07%	0.10%	0.00%	< 1.00	< 1.00	7.10	1.00	2.55
VT	5	9	6	3	33.33%	33.33%	33.33%	< 0.50	2.30	2.30	0.80	1.60
WA	2,547	9,541	8,656	885	0.01%	0.00%	0.11%	< 0.00	< 0.00	0.20	0.20	0.20
WI	189	346	342	4	0.00%	0.00%	0.00%	< 0.00	< 0.30	< 0.30		
TOTAL	25,064	101,523	84,885	16,638	0.14%	0.13%	0.22%	< 0.00	< 2.00	19.90	0.05	0.90
20 STATES	22,977	94,247	79,417	14,830	0.14%	0.12%	0.24%	< 0.00	< 2.00	16.00	0.05	0.80
19 STATES[1]	22,974	94,243	79,415	14,828	0.14%	0.12%	0.23%	< 0.00	< 2.00	16.00	0.05	0.75

1, New Hampshire data not included in "19 States" summary statistics for 1,3,5-Trimethylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Table B.48.c SDWIS/FED (Round 2) Data- 1,3,5-Trimethylbenzene Occurrence in Public Water Systems- Based on Number of Systems

STATE	TOTAL # SAMPLES	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
Tribes (06)	32	22	21	1	0.00%	0.00%	0.00%						
AK	3,539	625	481	144	3.84%	2.91%	6.94%						
AL	1	1	1	0	100.00%	100.00%	0.00%						
AR	1,352	407	319	88	0.00%	0.00%	0.00%						
AZ	135	68	60	8	0.00%	0.00%	0.00%						
CA	81	15	12	3	6.67%	8.33%	0.00%						
CO	2,643	831	619	212	0.84%	0.65%	1.42%						
CT	1,938	84	43	41	0.00%	0.00%	0.00%						
IN	209	117	107	10	1.71%	1.87%	0.00%						
KY	1,555	362	184	178	0.28%	0.00%	0.56%						
LA	4,055	1,310	1,241	69	0.00%	0.00%	0.00%						
MA	1,824	418	344	74	1.20%	0.87%	2.70%						
MD	4,855	976	920	56	0.41%	0.11%	5.36%						
ME	3,543	744	676	68	0.00%	0.00%	0.00%						
MI	6,965	2,735	2,644	91	0.44%	0.38%	2.20%						
MN	6,864	1,558	1,528	30	0.45%	0.39%	3.33%						
MO	3,779	1,412	1,297	115	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for 1,3,5-Trimethylbenzene.					
MS	6	5	5	0	100.00%	100.00%	0.00%						
NC	3,355	1,777	1,587	190	0.51%	0.44%	1.05%						
ND	383	296	258	38	0.68%	0.78%	0.00%						
NH	4	3	2	1	100.00%	100.00%	100.00%						
NJ	7	7	7	0	0.00%	0.00%	0.00%						
NM	4,291	719	694	25	0.28%	0.14%	4.00%						
OH	17,789	2,232	2,050	182	0.54%	0.54%	0.55%						
OK	4,737	791	541	250	0.13%	0.18%	0.00%						
OR	20	17	15	2	0.00%	0.00%	0.00%						
PA													
RI	425	115	103	12	0.00%	0.00%	0.00%						
SC	428	240	216	24	0.00%	0.00%	0.00%						
SD	29	24	18	6	0.00%	0.00%	0.00%						
TN													
TX	16,783	4,412	3,825	587	0.25%	0.29%	0.00%						
VT	9	5	3	2	60.00%	66.67%	50.00%						
WA	9,541	2,547	2,428	119	0.04%	0.00%	0.84%						
WI	346	189	186	3	0.00%	0.00%	0.00%						
TOTAL	101,523	25,064	22,435	2,629	0.45%	0.37%	1.10%						
20 STATES	94,247	22,977	20,515	2,462	0.44%	0.36%	1.14%						
19 STATES[1]	94,243	22,974	20,513	2,461	0.43%	0.35%	1.10%						

1, New Hampshire data not included in "19 States" summary statistics for 1,3,5-Trimethylbenzene.

PWS= Public Water Systems; GW= Ground Water (PWS Source Water Type); SW= Surface Water (PWS Source Water Type); MRL= Minimum Reporting Limit (for laboratory analyses)

The highlighted States are part of the SDWIS/FED 20 State Cross-Section.

Appendix C. Comparison of URCIS (Round 1) Data to SDWIS/FED (Round 2) Data for Select States and Select Contaminants

Table C.1.a URCIS (Round 1) and SDWIS/FED (Round 2) Data- Bromobenzene Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK - URCIS (Round 1)	1,850	1,554	296	0.16%	0.19%	0.00%	< 0.00	< 0.00	1.00	0.30	0.30
AK - SDWIS/FED (Round 2)	3,562	2,625	937	0.06%	0.04%	0.11%	< 0.50	< 1.00	< 1.00	0.10	0.15
KY - URCIS (Round 1)	2,310	1,172	1,138	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
KY - SDWIS/FED (Round 2)	1,972	898	1,074	0.05%	0.11%	0.00%	< 0.00	< 2.50	0.68	0.68	0.68
MD - URCIS (Round 1)	1,754	1,380	374	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 1.00		
MD - SDWIS/FED (Round 2)	4,860	4,310	550	0.02%	0.02%	0.00%	< 0.10	< 0.50	0.10	0.10	0.10
MN - URCIS (Round 1)	2,657	2,589	68	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 2.00		
MN - SDWIS/FED (Round 2)	6,864	6,678	186	0.04%	0.03%	0.54%	< 0.00	< 0.20	2.10	0.60	0.70
NC - URCIS (Round 1)	644	569	75	0.78%	0.53%	2.67%	< 0.50	< 0.50	7.10	0.55	4.90
NC - SDWIS/FED (Round 2)	3,392	2,905	487	0.35%	0.34%	0.41%	< 0.00	< 0.00	4.20	0.50	0.50
NM -URCIS (Round 1)	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NM -SDWIS/FED (Round 2)	4,817	4,599	218	0.06%	0.22%	0.92%	< 0.50	< 1.00	1.50	0.53	0.80
OH - URCIS (Round 1)	16,085	15,165	920	0.01%	0.01%	0.00%	< 0.20	< 2.00	1.00	1.00	1.00
OH - SDWIS/FED (Round 2)	17,789	16,433	1,356	0.02%	0.02%	0.07%	< 0.50	< 0.50	4.69	0.50	0.60
WA - URCIS (Round 1)	3,987	3,656	331	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
WA - SDWIS/FED (Round 2)	9,551	8,666	885	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		

Table C.1.b URCIS (Round 1) and SDWIS/FED (Round 2) Data- Bromobenzene Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK - URCIS (Round 1)	690	553	137	0.43%	0.54%	0.00%						
AK - SDWIS/FED (Round 2)	625	481	144	0.32%	0.21%	0.69%						
KY - URCIS (Round 1)	524	291	233	0.00%	0.00%	0.00%						
KY - SDWIS/FED (Round 2)	431	207	224	0.23%	0.48%	0.00%						
MD - URCIS (Round 1)	986	936	50	0.00%	0.00%	0.00%						
MD - SDWIS/FED (Round 2)	976	920	56	0.10%	0.11%	0.00%						
MN - URCIS (Round 1)	1,557	1,529	28	0.00%	0.00%	0.00%						
MN - SDWIS/FED (Round 2)	1,558	1,528	30	0.19%	0.13%	3.33%						
NC - URCIS (Round 1)	298	254	44	1.68%	1.18%	4.55%						
NC - SDWIS/FED (Round 2)	1,785	1,592	193	0.56%	0.50%	1.04%						
NM -URCIS (Round 1)	590	555	35	0.00%	0.00%	0.00%						
NM -SDWIS/FED (Round 2)	718	690	28	0.14%	0.14%	0.00%						
OH - URCIS (Round 1)	2,659	2,492	167	0.08%	0.08%	0.00%						
OH - SDWIS/FED (Round 2)	2,232	2,050	182	0.18%	0.15%	0.55%						
WA - URCIS (Round 1)	1,014	937	77	0.00%	0.00%	0.00%						
WA - SDWIS/FED (Round 2)	2,547	2,428	119	0.00%	0.00%	0.00%						

There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Bromobenzene

Table C.2.a URCIS (Round 1) and SDWIS/FED (Round 2) Data- Bromodichloromethane Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK - URCIS (Round 1)	1,704	1,369	335	12.50%	4.82%	43.88%	< 0.00	19.00	142.00	0.30	3.50
AK - SDWIS/FED (Round 2)	3,635	2,616	1,019	25.58%	11.66%	61.33%	< 0.50	47.40	47.40	0.60	1.00
KY - URCIS (Round 1)	2,312	1,172	1,140	60.03%	33.11%	87.72%	< 0.50	37.00	55.00	0.60	6.50
KY - SDWIS/FED (Round 2)	1,969	901	1,068	65.72%	42.06%	85.67%	< 0.10	28.00	5000.00	0.20	5.70
MD - URCIS (Round 1)	1,909	1,441	468	17.92%	10.13%	41.88%	< 0.10	10.00	57.00	0.10	1.95
MD - SDWIS/FED (Round 2)	44	38	6	18.18%	7.89%	83.33%	< 0.10	10.80	10.80	0.10	2.95
MN - URCIS (Round 1)	2,742	2,664	78	13.09%	11.00%	84.62%	< 0.20	6.20	37.00	0.20	1.20
MN - SDWIS/FED (Round 2)	6,862	6,677	185	11.88%	9.70%	90.27%	< 0.00	5.80	37.00	0.20	1.40
NC - URCIS (Round 1)	644	569	75	5.90%	2.64%	30.67%	< 0.50	33.00	82.20	4.80	14.95
NC - SDWIS/FED (Round 2)	3,321	2,861	460	18.91%	10.87%	68.91%	< 0.00	12.10	61.00	0.10	2.75
NM -URCIS (Round 1)	1,595	1,475	120	4.51%	1.42%	42.50%	< 0.00	4.00	39.50	0.30	1.75
NM -SDWIS/FED (Round 2)	4,587	4,370	217	2.90%	2.33%	14.29%	< 0.10	2.10	39.00	0.10	1.40
OH - URCIS (Round 1)	6,371	5,756	615	14.96%	9.31%	67.80%	< 0.00	16.30	44.30	0.42	3.80
OH - SDWIS/FED (Round 2)	23,330	21,279	2,051	21.94%	17.90%	63.87%	< 0.08	15.30	80.00	0.08	2.20
WA - URCIS (Round 1)	3,987	3,656	331	20.07%	14.93%	76.74%	< 0.50	7.30	97.50	0.50	1.55
WA - SDWIS/FED (Round 2)	10,661	8,736	1,925	21.10%	10.18%	70.65%	< 0.00	1.10	7.70	0.10	0.20

Table C.2.b URCIS (Round 1) and SDWIS/FED (Round 2) Data- Bromodichloromethane Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK - URCIS (Round 1)	692	548	144	15.90%	6.75%	50.69%	0.72%	0.18%	2.78%	0.43%	0.00%	2.08%
AK - SDWIS/FED (Round 2)	625	481	144	35.20%	18.92%	89.58%	2.24%	0.42%	8.33%	0.00%	0.00%	0.00%
KY - URCIS (Round 1)	524	291	233	71.56%	53.95%	93.56%	6.68%	0.69%	14.16%	0.00%	0.00%	0.00%
KY - SDWIS/FED (Round 2)	430	208	222	74.42%	57.69%	90.09%	3.49%	0.96%	5.86%	0.00%	0.00%	0.00%
MD - URCIS (Round 1)	991	940	51	13.93%	10.11%	84.31%	0.20%	0.21%	0.00%	0.00%	0.00%	0.00%
MD - SDWIS/FED (Round 2)	38	34	4	15.79%	8.82%	75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN - URCIS (Round 1)	1,565	1,537	28	14.44%	13.21%	82.14%	0.06%	0.07%	0.00%	0.00%	0.00%	0.00%
MN - SDWIS/FED (Round 2)	1,558	1,528	30	19.00%	17.41%	100.00%	0.06%	0.07%	0.00%	0.00%	0.00%	0.00%
NC - URCIS (Round 1)	298	254	44	9.06%	5.51%	29.55%	2.68%	3.15%	0.00%	0.34%	0.39%	0.00%
NC - SDWIS/FED (Round 2)	1,763	1,574	189	19.68%	12.64%	78.31%	0.11%	0.13%	0.00%	0.00%	0.00%	0.00%
NM -URCIS (Round 1)	590	555	35	4.75%	1.80%	51.43%	0.17%	0.00%	2.86%	0.00%	0.00%	0.00%
NM -SDWIS/FED (Round 2)	715	687	28	11.33%	9.61%	53.57%	0.28%	0.15%	3.57%	0.00%	0.00%	0.00%
OH - URCIS (Round 1)	1,691	1,557	134	25.31%	19.33%	94.78%	0.41%	0.06%	4.48%	0.00%	0.00%	0.00%
OH - SDWIS/FED (Round 2)	2,250	2,054	196	48.13%	43.57%	95.92%	1.07%	0.58%	6.12%	0.00%	0.00%	0.00%
WA - URCIS (Round 1)	1,014	937	77	23.96%	18.25%	93.51%	0.20%	0.21%	0.00%	0.10%	0.11%	0.00%
WA - SDWIS/FED (Round 2)	2,548	2,393	155	18.13%	13.75%	85.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

The Health Reference Level (HRL) used for Bromodichloromethane is 60 (µg/L). This is a draft value for working review only.

Table C.3.a URCIS (Round 1) and SDWIS/FED (Round 2) Data- Bromoform Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK - URCIS (Round 1)	1,710	1,372	338	3.22%	0.73%	13.31%	< 0.00	15.00	291.00	0.30	4.40
AK - SDWIS/FED (Round 2)	3,642	2,619	1,023	6.34%	1.95%	17.60%	< 0.00	24.00	220.00	0.25	3.60
KY - URCIS (Round 1)	2,312	1,172	1,140	15.87%	17.49%	14.21%	< 0.50	25.00	246.00	0.80	3.00
KY - SDWIS/FED (Round 2)	1,957	899	1,058	15.53%	22.80%	9.36%	< 0.10	20.40	130.00	0.10	2.00
MD - URCIS (Round 1)	1,909	1,441	468	2.51%	2.91%	1.28%	< 0.10	0.90	9.90	0.10	0.70
MD - SDWIS/FED (Round 2)	44	38	6	4.55%	2.63%	16.67%	< 0.20	1.90	1.90	0.20	1.05
MN - URCIS (Round 1)	2,748	2,670	78	1.20%	1.20%	1.28%	< 0.10	1.10	21.00	0.40	1.80
MN - SDWIS/FED (Round 2)	6,864	6,678	186	2.03%	1.74%	12.37%	< 0.00	1.20	9.90	0.50	1.20
NC - URCIS (Round 1)	644	569	75	2.17%	1.93%	4.00%	< 0.50	11.50	141.80	0.50	7.45
NC - SDWIS/FED (Round 2)	3,355	2,887	468	4.74%	4.95%	3.42%	< 0.00	3.90	75.90	0.30	0.90
NM -URCIS (Round 1)	1,595	1,475	120	5.02%	5.22%	2.50%	< 0.00	10.00	31.00	0.50	7.00
NM -SDWIS/FED (Round 2)	4,601	4,388	213	8.24%	8.27%	7.51%	< 0.20	13.00	79.00	0.20	2.40
OH - URCIS (Round 1)	6,372	5,757	615	4.74%	4.39%	7.97%	< 0.00	6.18	77.60	0.32	2.34
OH - SDWIS/FED (Round 2)	23,330	21,279	2,051	11.20%	11.16%	11.65%	< 0.09	7.90	104.00	0.09	1.43
WA - URCIS (Round 1)	3,987	3,656	331	6.04%	6.40%	2.11%	< 0.50	4.50	28.00	0.50	1.40
WA - SDWIS/FED (Round 2)	10,883	8,879	2,004	3.91%	4.18%	2.74%	< 0.00	1.30	2.20	1.30	1.70

Table C.3.b URCIS (Round 1) and SDWIS/FED (Round 2) Data- Bromoform Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL UNIQUE PWS	GW PWS	SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS> MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK - URCIS (Round 1)	695	550	145	4.75%	1.45%	17.24%	0.14%	0.00%	0.69%	0.00%	0.00%	0.00%
AK - SDWIS/FED (Round 2)	625	481	144	8.00%	3.74%	22.22%	0.32%	0.00%	1.39%	0.00%	0.00%	0.00%
KY - URCIS (Round 1)	524	291	233	30.15%	30.58%	29.61%	0.19%	0.00%	0.43%	0.00%	0.00%	0.00%
KY - SDWIS/FED (Round 2)	429	208	221	28.21%	35.10%	21.72%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD - URCIS (Round 1)	991	940	51	3.43%	3.09%	9.80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD - SDWIS/FED (Round 2)	38	34	4	5.26%	2.94%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN - URCIS (Round 1)	1,569	1,540	29	1.85%	1.82%	3.45%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN - SDWIS/FED (Round 2)	1,558	1,528	30	3.92%	3.27%	36.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC - URCIS (Round 1)	298	254	44	4.36%	3.94%	6.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC - SDWIS/FED (Round 2)	1,777	1,586	191	5.63%	5.49%	6.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM -URCIS (Round 1)	590	555	35	3.22%	3.06%	5.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM -SDWIS/FED (Round 2)	718	690	28	16.02%	15.65%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH - URCIS (Round 1)	1,691	1,557	134	11.30%	10.53%	20.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH - SDWIS/FED (Round 2)	2,250	2,054	196	29.87%	29.41%	34.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA - URCIS (Round 1)	1,014	937	77	9.37%	9.61%	6.49%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA - SDWIS/FED (Round 2)	2,584	2,428	156	8.05%	8.11%	7.05%	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%

The Health Reference Level (HRL) used for Bromoform is 400 (µg/L). This is a draft value for working review only.

Table C.4.a URCIS (Round 1) and SDWIS/FED (Round 2) Data- Chloroform Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK - URCIS (Round 1)	1,708	1,380	328	24.41%	13.77%	69.21%	< 0.00	105.20	624.80	0.01	6.20
AK - SDWIS/FED (Round 2)	3,645	2,621	1,024	38.08%	23.54%	75.29%	< 0.00	184.00	683.00	0.00	5.10
KY - URCIS (Round 1)	2,312	1,172	1,140	64.40%	40.44%	89.04%	< 0.50	189.00	393.00	0.50	14.00
KY - SDWIS/FED (Round 2)	1,964	896	1,068	71.23%	50.89%	88.30%	< 0.10	250.00	27000.00	0.10	16.00
MD - URCIS (Round 1)	1,909	1,441	468	22.11%	15.20%	43.38%	< 0.10	45.70	119.00	0.10	3.50
MD - SDWIS/FED (Round 2)	44	38	6	18.18%	7.89%	83.33%	< 0.50	24.30	24.30	0.60	7.30
MN - URCIS (Round 1)	2,751	2,672	79	20.83%	18.75%	91.14%	< 0.10	27.00	490.00	0.10	1.00
MN - SDWIS/FED (Round 2)	6,861	6,675	186	20.43%	18.38%	94.09%	< 0.00	26.00	1200.00	0.10	1.10
NC - URCIS (Round 1)	644	569	75	6.37%	2.99%	32.00%	< 0.50	160.00	320.00	0.80	106.00
NC - SDWIS/FED (Round 2)	3,354	2,886	468	27.94%	20.62%	73.08%	< 0.00	65.60	236.60	0.30	5.70
NM -URCIS (Round 1)	1,595	1,475	120	4.76%	1.15%	49.17%	< 0.00	25.80	72.40	0.50	6.85
NM -SDWIS/FED (Round 2)	4,565	4,349	216	3.66%	2.99%	17.13%	< 0.10	2.70	74.10	0.10	1.30
OH - URCIS (Round 1)	6,373	5,759	614	17.09%	11.56%	68.89%	< 0.00	58.40	344.00	0.46	4.00
OH - SDWIS/FED (Round 2)	23,329	21,278	2,051	26.13%	22.21%	66.80%	< 0.40	55.40	552.00	0.40	1.95
WA - URCIS (Round 1)	3,987	3,656	331	23.18%	17.83%	82.18%	< 0.50	47.70	321.90	0.50	2.90
WA - SDWIS/FED (Round 2)	9,918	7,955	1,963	25.45%	12.39%	78.35%	< 0.00	7.70	39.40	0.10	1.70

Table C.4.b URCIS (Round 1) and SDWIS/FED (Round 2) Data- Chloroform Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK - URCIS (Round 1)	683	545	138	28.11%	17.61%	69.57%	0.44%	0.00%	2.17%	0.15%	0.00%	0.72%
AK - SDWIS/FED (Round 2)	625	481	144	50.40%	37.01%	95.14%	1.60%	0.21%	6.25%	0.32%	0.00%	1.39%
KY - URCIS (Round 1)	524	291	233	77.86%	63.92%	95.28%	0.38%	0.34%	0.43%	0.00%	0.00%	0.00%
KY - SDWIS/FED (Round 2)	428	207	221	80.37%	67.15%	92.76%	0.93%	0.48%	1.36%	0.23%	0.00%	0.45%
MD - URCIS (Round 1)	991	940	51	18.16%	14.36%	88.24%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD - SDWIS/FED (Round 2)	38	34	4	15.79%	8.82%	75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN - URCIS (Round 1)	1,568	1,539	29	22.96%	21.70%	89.66%	0.06%	0.06%	0.00%	0.00%	0.00%	0.00%
MN - SDWIS/FED (Round 2)	1,558	1,528	30	33.89%	32.59%	100.00%	0.13%	0.00%	6.67%	0.06%	0.00%	3.33%
NC - URCIS (Round 1)	298	254	44	10.07%	6.30%	31.82%	0.34%	0.00%	2.27%	0.00%	0.00%	0.00%
NC - SDWIS/FED (Round 2)	1,777	1,586	191	29.77%	23.39%	82.72%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM -URCIS (Round 1)	590	555	35	4.92%	1.80%	54.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM -SDWIS/FED (Round 2)	717	689	28	12.41%	10.60%	57.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH - URCIS (Round 1)	1,690	1,556	134	29.88%	24.29%	94.78%	0.06%	0.06%	0.00%	0.00%	0.00%	0.00%
OH - SDWIS/FED (Round 2)	2,250	2,054	196	58.76%	55.16%	96.43%	0.27%	0.24%	0.51%	0.00%	0.00%	0.00%
WA - URCIS (Round 1)	1,014	937	77	28.21%	22.73%	94.81%	0.10%	0.00%	1.30%	0.00%	0.00%	0.00%
WA - SDWIS/FED (Round 2)	2,359	2,211	148	20.69%	15.83%	93.24%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

The Health Reference Level (HRL) used for Chloroform is 600 (µg/L). This is a draft value for working review only.

Table C.5.a URCIS (Round 1) and SDWIS/FED (Round 2) Data- Chloromethane Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK - URCIS (Round 1)	1,625	1,338	287	0.49%	0.45%	0.70%	< 0.00	< 0.00	550.00	0.18	4.10
AK - SDWIS/FED (Round 2)	3,545	2,608	937	0.71%	0.65%	0.85%	< 0.00	< 0.00	13.00	0.00	0.87
KY - URCIS (Round 1)	2,311	1,172	1,139	4.28%	8.11%	0.35%	< 0.50	7.00	269.00	1.00	4.00
KY - SDWIS/FED (Round 2)	353	106	247	7.93%	14.15%	5.26%	< 0.40	4.00	11.00	0.57	1.16
MD - URCIS (Round 1)	1,908	1,440	468	0.21%	0.28%	0.00%	< 0.10	< 1.00	9.00	0.30	6.00
MD - SDWIS/FED (Round 2)	44	38	6	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MN - URCIS (Round 1)	2,654	2,586	68	0.08%	0.08%	0.00%	< 2.00	< 2.00	5.40	2.90	4.15
MN - SDWIS/FED (Round 2)	6,864	6,678	186	0.42%	0.40%	1.08%	< 0.00	< 2.00	6.30	0.80	3.00
NC - URCIS (Round 1)	647	572	75	4.79%	4.90%	4.00%	< 0.10	2.00	44.00	0.10	1.40
NC - SDWIS/FED (Round 2)	3,335	2,875	460	0.39%	0.38%	0.43%	< 0.00	< 0.00	0.90	0.50	0.50
NM -URCIS (Round 1)	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NM -SDWIS/FED (Round 2)	4,862	4,646	216	0.23%	0.24%	0.00%	< 0.30	< 1.00	7.30	0.30	2.60
OH - URCIS (Round 1)	15,954	15,039	915	0.51%	0.54%	0.00%	< 0.20	< 2.00	30.00	0.20	1.00
OH - SDWIS/FED (Round 2)	17,789	16,433	1,356	0.99%	0.96%	1.40%	< 0.50	< 0.50	83.05	0.50	1.50
WA - URCIS (Round 1)	3,987	3,656	331	0.43%	0.46%	0.00%	< 0.50	< 0.50	11.00	0.50	0.70
WA - SDWIS/FED (Round 2)	9,532	8,648	884	0.34%	0.34%	0.34%	< 0.00	< 0.00	3.30	0.10	0.25

Table C.5.b URCIS (Round 1) and SDWIS/FED (Round 2) Data- Chloromethane Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK - URCIS (Round 1)	662	534	134	0.91%	0.75%	1.49%	0.76%	0.56%	1.49%	0.60%	0.37%	1.49%
AK - SDWIS/FED (Round 2)	625	481	144	3.04%	2.91%	3.47%	0.96%	1.04%	0.69%	0.64%	0.62%	0.69%
KY - URCIS (Round 1)	524	291	233	10.50%	17.53%	1.72%	9.54%	16.15%	1.29%	6.49%	11.34%	0.43%
KY - SDWIS/FED (Round 2)	62	26	36	29.03%	34.62%	25.00%	12.90%	19.23%	8.33%	6.45%	11.54%	2.78%
MD - URCIS (Round 1)	986	940	51	0.41%	0.43%	0.00%	0.30%	0.32%	0.00%	0.20%	0.21%	0.00%
MD - SDWIS/FED (Round 2)	38	34	4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN - URCIS (Round 1)	1,553	1,529	28	0.13%	0.13%	0.00%	0.13%	0.13%	0.00%	0.06%	0.07%	0.00%
MN - SDWIS/FED (Round 2)	1,558	1,528	30	1.54%	1.51%	3.33%	1.28%	1.24%	3.33%	0.71%	0.65%	3.33%
NC - URCIS (Round 1)	297	254	44	4.71%	4.33%	6.82%	2.36%	2.36%	2.27%	0.67%	0.79%	0.00%
NC - SDWIS/FED (Round 2)	1,776	1,586	190	0.62%	0.57%	1.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM -URCIS (Round 1)	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM -SDWIS/FED (Round 2)	716	691	25	0.98%	1.01%	0.00%	0.70%	0.72%	0.00%	0.42%	0.43%	0.00%
OH - URCIS (Round 1)	2,654	2,492	166	2.15%	2.29%	0.00%	1.02%	1.08%	0.00%	0.72%	0.76%	0.00%
OH - SDWIS/FED (Round 2)	2,232	2,050	182	4.70%	4.83%	3.30%	2.33%	2.29%	2.75%	1.03%	0.98%	1.65%
WA - URCIS (Round 1)	992	937	77	1.11%	1.17%	0.00%	0.40%	0.43%	0.00%	0.20%	0.21%	0.00%
WA - SDWIS/FED (Round 2)	2,546	2,427	119	0.79%	0.70%	2.52%	0.04%	0.04%	0.00%	0.04%	0.04%	0.00%

The Health Reference Level (HRL) used for Chloromethane is 3 (µg/L). This is a draft value for working review only.

Table C.6.a URCIS (Round 1) and SDWIS/FED (Round 2) Data- Dibromochloromethane Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK - URCIS (Round 1)	1,696	1,364	332	7.31%	2.13%	28.61%	< 0.00	24.00	234.00	0.24	3.00
AK - SDWIS/FED (Round 2)	3,612	2,615	997	14.78%	6.31%	37.01%	< 0.00	24.00	124.00	0.00	1.98
KY - URCIS (Round 1)	2,312	1,172	1,140	45.11%	30.55%	60.09%	< 0.50	34.00	95.00	0.50	3.00
KY - SDWIS/FED (Round 2)	1,966	901	1,065	45.88%	39.07%	51.64%	< 0.10	26.40	110.00	0.10	2.00
MD - URCIS (Round 1)	1,909	1,441	468	11.47%	6.80%	25.85%	< 0.10	3.00	49.00	0.10	0.60
MD - SDWIS/FED (Round 2)	43	38	5	16.28%	10.53%	60.00%	< 0.20	1.90	1.90	0.20	0.60
MN - URCIS (Round 1)	2,734	2,660	74	7.39%	6.32%	45.95%	< 0.20	3.60	17.00	0.20	1.10
MN - SDWIS/FED (Round 2)	6,864	6,678	186	6.56%	5.44%	46.77%	< 0.00	3.30	17.00	0.50	1.60
NC - URCIS (Round 1)	644	569	75	3.42%	2.28%	12.00%	< 0.50	23.90	79.00	0.60	5.90
NC - SDWIS/FED (Round 2)	3,324	2,862	462	11.61%	9.05%	27.49%	< 0.00	8.40	61.00	0.20	1.10
NM -URCIS (Round 1)	1,595	1,475	120	3.51%	2.64%	14.17%	< 0.00	2.50	7.00	0.40	1.65
NM -SDWIS/FED (Round 2)	4,595	4,375	220	5.22%	4.87%	12.27%	< 0.10	3.59	39.00	0.10	1.00
OH - URCIS (Round 1)	6,369	5,754	615	13.60%	8.78%	58.70%	< 0.00	7.90	44.80	0.20	2.27
OH - SDWIS/FED (Round 2)	23,330	21,279	2,051	21.86%	18.33%	58.51%	< 0.05	10.00	126.00	0.05	1.80
WA - URCIS (Round 1)	3,987	3,656	331	13.67%	13.46%	16.01%	< 0.50	6.50	21.90	0.50	1.40
WA - SDWIS/FED (Round 2)	8,856	7,358	1,498	8.03%	7.46%	10.81%	< 0.00	0.60	4.60	0.10	0.20

Table C.6.b URCIS (Round 1) and SDWIS/FED (Round 2) Data- Dibromochloromethane Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK - URCIS (Round 1)	693	549	144	9.38%	3.28%	32.64%	1.44%	0.00%	6.94%	0.29%	0.00%	1.39%
AK - SDWIS/FED (Round 2)	625	481	144	21.92%	12.06%	54.86%	1.28%	0.00%	5.56%	0.48%	0.00%	2.08%
KY - URCIS (Round 1)	524	291	233	63.55%	48.80%	81.97%	3.24%	0.34%	6.87%	0.57%	0.00%	1.29%
KY - SDWIS/FED (Round 2)	431	209	222	65.66%	56.46%	74.32%	2.55%	1.91%	3.15%	0.93%	0.96%	0.90%
MD - URCIS (Round 1)	991	940	51	9.99%	7.02%	64.71%	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%
MD - SDWIS/FED (Round 2)	38	34	4	13.16%	8.82%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN - URCIS (Round 1)	1,562	1,533	29	9.35%	8.28%	65.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN - SDWIS/FED (Round 2)	1,558	1,528	30	11.17%	10.14%	63.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC - URCIS (Round 1)	298	254	44	6.38%	4.72%	15.91%	1.34%	1.57%	0.00%	0.34%	0.39%	0.00%
NC - SDWIS/FED (Round 2)	1,762	1,572	190	13.51%	10.37%	39.47%	0.17%	0.19%	0.00%	0.06%	0.06%	0.00%
NM -URCIS (Round 1)	590	555	35	2.88%	1.62%	22.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM -SDWIS/FED (Round 2)	723	693	30	13.55%	12.41%	40.00%	0.14%	0.14%	0.00%	0.00%	0.00%	0.00%
OH - URCIS (Round 1)	1,691	1,557	134	23.77%	18.18%	88.81%	0.30%	0.13%	2.24%	0.00%	0.00%	0.00%
OH - SDWIS/FED (Round 2)	2,250	2,054	196	47.78%	43.33%	94.39%	0.53%	0.39%	2.04%	0.09%	0.10%	0.00%
WA - URCIS (Round 1)	1,014	937	77	17.06%	15.90%	31.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA - SDWIS/FED (Round 2)	2,428	2,279	149	12.85%	11.98%	26.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

The Health Reference Level (HRL) used for Dibromochloromethane is 60 (µg/L). This is a draft value for working review only.

Table C.7.a URCIS (Round 1) and SDWIS/FED (Round 2) Data- 1,1- Dichloroethane Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK - URCIS (Round 1)	1,611	1,325	286	0.12%	0.15%	0.00%	< 0.00	< 0.00	4.00	1.70	2.85
AK - SDWIS/FED (Round 2)	3,545	2,607	938	0.23%	0.31%	0.00%	< 0.00	< 0.00	4.40	0.30	0.53
KY - URCIS (Round 1)	2,311	1,172	1,139	0.39%	0.68%	0.09%	< 0.50	< 1.00	2.40	1.30	2.00
KY - SDWIS/FED (Round 2)	1,972	898	1,074	0.05%	0.11%	0.00%	< 0.10	< 2.50	0.92	0.92	0.92
MD - URCIS (Round 1)	1,909	1,441	468	0.73%	0.83%	0.43%	< 0.10	< 1.00	10.00	0.20	0.90
MD - SDWIS/FED (Round 2)	4,870	4,319	551	0.16%	0.14%	0.36%	< 0.20	< 0.50	1.50	0.20	0.70
MN - URCIS (Round 1)	2,753	2,674	79	0.51%	0.52%	0.00%	< 0.20	< 0.20	11.00	0.20	0.50
MN - SDWIS/FED (Round 2)	6,864	6,678	186	0.95%	0.97%	0.00%	< 0.00	< 0.20	11.00	0.20	0.40
NC - URCIS (Round 1)	647	572	75	2.63%	2.97%	0.00%	< 0.11	1.10	8.30	0.11	1.04
NC - SDWIS/FED (Round 2)	3,390	2,903	487	0.62%	0.62%	0.62%	< 0.00	< 0.00	7.50	0.50	0.50
NM -URCIS (Round 1)	1,595	1,475	120	0.06%	0.07%	0.00%	< 0.00	< 1.00	4.30	4.30	4.30
NM -SDWIS/FED (Round 2)	4,818	4,599	219	0.21%	0.17%	0.91%	< 0.20	< 1.00	4.00	0.20	0.70
OH - URCIS (Round 1)	16,083	15,163	920	0.93%	0.98%	0.11%	< 0.00	< 1.00	45.90	0.20	1.30
OH - SDWIS/FED (Round 2)	17,789	16,433	1,356	0.96%	0.88%	1.92%	< 0.50	< 0.50	159.00	0.50	1.60
WA - URCIS (Round 1)	3,987	3,656	331	0.15%	0.16%	0.00%	< 0.50	< 0.50	0.70	0.50	0.65
WA - SDWIS/FED (Round 2)	9,548	8,662	886	0.08%	0.02%	0.68%	< 0.00	< 0.00	0.60	0.10	0.50

Table C.7.b URCIS (Round 1) and SDWIS/FED (Round 2) Data- 1,1- Dichloroethane Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK - URCIS (Round 1)	660	532	133	0.15%	0.19%	0.00%	0.15%	0.19%	0.00%	0.00%	0.00%	0.00%
AK - SDWIS/FED (Round 2)	625	481	144	0.64%	0.83%	0.00%	0.16%	0.21%	0.00%	0.00%	0.00%	0.00%
KY - URCIS (Round 1)	524	291	233	0.76%	1.03%	0.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY - SDWIS/FED (Round 2)	432	207	225	0.23%	0.48%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD - URCIS (Round 1)	986	940	51	1.12%	0.96%	3.92%	0.10%	0.11%	0.00%	0.10%	0.11%	0.00%
MD - SDWIS/FED (Round 2)	976	920	56	0.41%	0.33%	1.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN - URCIS (Round 1)	1,565	1,540	29	0.64%	0.65%	0.00%	0.06%	0.06%	0.00%	0.06%	0.06%	0.00%
MN - SDWIS/FED (Round 2)	1,558	1,528	30	1.22%	1.24%	0.00%	0.06%	0.07%	0.00%	0.06%	0.07%	0.00%
NC - URCIS (Round 1)	297	254	44	3.37%	3.94%	0.00%	1.01%	1.18%	0.00%	0.67%	0.79%	0.00%
NC - SDWIS/FED (Round 2)	1,783	1,590	193	1.01%	0.94%	1.55%	0.06%	0.06%	0.00%	0.06%	0.06%	0.00%
NM -URCIS (Round 1)	590	555	35	0.17%	0.18%	0.00%	0.17%	0.18%	0.00%	0.00%	0.00%	0.00%
NM -SDWIS/FED (Round 2)	720	693	27	0.42%	0.29%	3.70%	0.14%	0.14%	0.00%	0.00%	0.00%	0.00%
OH - URCIS (Round 1)	2,655	2,492	167	1.32%	1.36%	0.60%	0.45%	0.48%	0.00%	0.11%	0.12%	0.00%
OH - SDWIS/FED (Round 2)	2,232	2,050	182	1.03%	1.02%	1.10%	0.54%	0.49%	1.10%	0.22%	0.20%	0.55%
WA - URCIS (Round 1)	992	937	77	0.20%	0.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA - SDWIS/FED (Round 2)	2,546	2,427	119	0.12%	0.08%	0.84%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

The Health Reference Level (HRL) used for 1,1-Dichloroethane is 5 (µg/L). This is a draft value for working review only.

Table C.8.a URCIS (Round 1) and SDWIS/FED (Round 2) Data - 1,3-Dichloropropene Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK - URCIS (Round 1)	1,568	1,283	285	0.00%	0.00%	0.00%	< 0.00	< 0.00	0.00		
AK - SDWIS/FED (Round 2)	3,535	2,596	939	0.03%	0.04%	0.00%	< 0.00	< 0.00	39.00	39.00	39.00
KY - URCIS (Round 1)	0	0	0	0.00%	0.00%	0.00%					
KY - SDWIS/FED (Round 2)	354	128	226	0.00%	0.00%	0.00%	< 0.10	< 1.00	< 1.00		
MD - URCIS (Round 1)	1,582	1,275	307	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
MD - SDWIS/FED (Round 2)	4,871	4,320	551	0.02%	0.02%	0.00%	< 0.50	< 0.50	0.60	0.60	0.60
MN - URCIS (Round 1)	0	0	0	0.00%	0.00%	0.00%					
MN - SDWIS/FED (Round 2)	6,381	6,205	176	1.00%	0.81%	7.95%	< 0.00	0.20	22.00	0.20	0.40
NC - URCIS (Round 1)	644	569	75	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
NC - SDWIS/FED (Round 2)	2,854	2,455	399	0.32%	0.29%	0.50%	< 0.00	< 0.00	0.50	0.50	0.50
NM -URCIS (Round 1)	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NM -SDWIS/FED (Round 2)	4,830	4,613	217	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
OH - URCIS (Round 1)	14,328	13,659	669	0.01%	0.01%	0.00%	< 0.00	< 1.00	1.00	1.00	1.00
OH - SDWIS/FED (Round 2)	17,788	16,432	1,356	0.02%	0.02%	0.00%	< 0.50	< 0.50	1.60	0.62	1.15
WA - URCIS (Round 1)	0	0	0	0.00%	0.00%	0.00%					
WA - SDWIS/FED (Round 2)	1,427	1,279	148	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		

Table C.8.b URCIS (Round 1) and SDWIS/FED (Round 2) Data - 1,3-Dichloropropene Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK - URCIS (Round 1)	661	527	134	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK - SDWIS/FED (Round 2)	625	481	144	0.16%	0.21%	0.00%	0.16%	0.21%	0.00%	0.00%	0.00%	0.00%
KY - URCIS (Round 1)	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY - SDWIS/FED (Round 2)	181	84	97	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD - URCIS (Round 1)	978	935	43	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD - SDWIS/FED (Round 2)	976	920	56	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN - URCIS (Round 1)	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN - SDWIS/FED (Round 2)	1,480	1,450	30	2.91%	2.48%	23.33%	0.07%	0.07%	0.00%	0.00%	0.00%	0.00%
NC - URCIS (Round 1)	298	254	44	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC - SDWIS/FED (Round 2)	1,505	1,329	176	0.53%	0.45%	1.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM -URCIS (Round 1)	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM -SDWIS/FED (Round 2)	718	692	26	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH - URCIS (Round 1)	2,534	2,384	150	0.08%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH - SDWIS/FED (Round 2)	2,232	2,050	182	0.13%	0.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA - URCIS (Round 1)	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA - SDWIS/FED (Round 2)	715	668	47	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

The Health Reference Level (HRL) used for 1,3- Dichloropropene is 40 (µg/L). This is a draft value for working review only.

Table C.9.a URCIS (Round 1) and SDWIS/FED (Round 2) Data- Hexachlorobutadiene Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK - URCIS (Round 1)	1,745	1,480	265	0.63%	0.61%	0.75%	< 0.00	< 0.00	0.30	0.20	0.20
AK - SDWIS/FED (Round 2)	3,543	2,610	933	0.59%	0.50%	0.86%	< 0.00	< 0.00	0.80	0.10	0.20
KY - URCIS (Round 1)	2,076	1,119	957	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
KY - SDWIS/FED (Round 2)	571	203	368	0.00%	0.00%	0.00%	< 0.40	< 2.50	< 2.50		
MD - URCIS (Round 1)	1,750	1,376	374	0.06%	0.07%	0.00%	< 0.10	< 0.50	0.10	0.10	0.10
MD - SDWIS/FED (Round 2)	4,857	4,306	551	0.04%	0.02%	0.18%	< 0.10	< 0.50	0.60	0.10	0.35
MN - URCIS (Round 1)	2,654	2,586	68	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 5.00		
MN - SDWIS/FED (Round 2)	6,864	6,678	186	0.00%	0.00%	0.00%	< 0.00	< 0.50	< 1.00		
NC - URCIS (Round 1)	644	569	75	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
NC - SDWIS/FED (Round 2)	3,337	2,877	460	0.33%	0.31%	0.43%	< 0.00	< 0.00	0.50	0.50	0.50
NM -URCIS (Round 1)	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NM -SDWIS/FED (Round 2)	4,265	4,065	200	0.02%	0.02%	0.00%	< 0.50	< 1.00	0.80	0.80	0.80
OH - URCIS (Round 1)	15,951	15,038	913	0.02%	0.02%	0.00%	< 0.20	2.00	2.00	0.50	2.00
OH - SDWIS/FED (Round 2)	17,788	16,432	1,356	0.01%	0.01%	0.00%	< 0.50	< 0.50	1.06	1.06	1.06
WA - URCIS (Round 1)	3,987	3,656	331	0.03%	0.03%	0.00%	< 0.50	0.50	0.60	0.60	0.60
WA - SDWIS/FED (Round 2)	9,567	8,683	884	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		

Table C.9.b URCIS (Round 1) and SDWIS/FED (Round 2) Data- Hexachlorobutadiene Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK - URCIS (Round 1)	670	540	130	1.49%	1.48%	1.54%	0.30%	0.19%	0.77%	0.00%	0.00%	0.00%
AK - SDWIS/FED (Round 2)	625	481	144	3.36%	2.70%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY - URCIS (Round 1)	524	291	233	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY - SDWIS/FED (Round 2)	121	50	71	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD - URCIS (Round 1)	986	936	50	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD - SDWIS/FED (Round 2)	976	920	56	0.20%	0.11%	1.79%	0.10%	0.00%	1.79%	0.00%	0.00%	0.00%
MN - URCIS (Round 1)	1,557	1,529	28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN - SDWIS/FED (Round 2)	1,558	1,528	30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC - URCIS (Round 1)	298	254	44	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC - SDWIS/FED (Round 2)	1,775	1,585	190	0.51%	0.44%	1.05%	0.51%	0.44%	1.05%	0.00%	0.00%	0.00%
NM -URCIS (Round 1)	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM -SDWIS/FED (Round 2)	720	693	27	0.14%	0.14%	0.00%	0.14%	0.14%	0.00%	0.00%	0.00%	0.00%
OH - URCIS (Round 1)	2,659	2,493	166	0.11%	0.12%	0.00%	0.11%	0.12%	0.00%	0.08%	0.08%	0.00%
OH - SDWIS/FED (Round 2)	2,232	2,050	182	0.04%	0.05%	0.00%	0.04%	0.05%	0.00%	0.04%	0.05%	0.00%
WA - URCIS (Round 1)	1,014	937	77	0.10%	0.11%	0.00%	0.10%	0.11%	0.00%	0.00%	0.00%	0.00%
WA - SDWIS/FED (Round 2)	2,548	2,429	119	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

The Health Reference Level (HRL) used for Hexachlorobutadiene is 0.9 (µg/L). This is a draft value for working review only.

Table C.10.a URCIS (Round 1) and SDWIS/FED (Round 2) Data- Naphthalene Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK - URCIS (Round 1)	1,763	1,494	269	2.10%	2.34%	0.74%	< 0.00	0.80	13.10	0.28	0.80
AK - SDWIS/FED (Round 2)	3,547	2,611	936	0.99%	0.92%	1.18%	< 0.00	< 0.00	18.00	0.21	1.10
KY - URCIS (Round 1)	2,076	1,119	957	0.48%	0.27%	0.73%	< 0.50	< 1.00	17.00	1.00	2.00
KY - SDWIS/FED (Round 2)	766	308	458	0.13%	0.00%	0.22%	< 0.40	< 2.50	0.86	0.86	0.86
MD - URCIS (Round 1)	1,749	1,375	374	0.29%	0.36%	0.00%	< 0.20	< 0.50	7.00	0.60	1.40
MD - SDWIS/FED (Round 2)	4,856	4,306	550	0.12%	0.02%	0.91%	< 0.30	< 0.50	0.60	0.30	0.50
MN - URCIS (Round 1)	2,656	2,588	68	0.04%	0.04%	0.00%	< 0.50	< 0.50	1.70	1.70	1.70
MN - SDWIS/FED (Round 2)	6,864	6,678	186	0.20%	0.18%	1.08%	< 0.00	< 0.50	90.00	0.60	0.75
NC - URCIS (Round 1)	644	569	75	0.16%	0.18%	0.00%	< 0.50	< 0.50	2.25	2.25	2.25
NC - SDWIS/FED (Round 2)	3,337	2,877	460	0.69%	0.73%	0.43%	< 0.00	< 0.00	1.80	0.50	0.50
NM -URCIS (Round 1)	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NM -SDWIS/FED (Round 2)	4,287	4,086	201	0.12%	0.10%	0.50%	< 0.50	< 1.00	0.80	0.50	0.60
OH - URCIS (Round 1)	15,944	15,030	914	0.12%	0.12%	0.11%	< 0.00	< 2.00	19.00	0.50	1.00
OH - SDWIS/FED (Round 2)	17,788	16,432	1,356	0.20%	0.22%	0.00%	< 0.50	< 0.50	3.90	0.52	0.91
WA - URCIS (Round 1)	3,987	3,656	331	0.13%	0.14%	0.00%	< 0.50	< 0.50	3.10	1.50	1.60
WA - SDWIS/FED (Round 2)	10,063	9,045	1,018	0.14%	0.11%	0.39%	< 0.00	< 0.00	0.70	0.10	0.10

Table C.10.b URCIS (Round 1) and SDWIS/FED (Round 2) Data- Naphthalene Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK - URCIS (Round 1)	674	543	131	4.75%	5.52%	1.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AK - SDWIS/FED (Round 2)	625	481	144	4.48%	3.53%	7.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY - URCIS (Round 1)	524	291	233	1.15%	1.03%	1.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
KY - SDWIS/FED (Round 2)	212	103	109	0.47%	0.00%	0.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD - URCIS (Round 1)	986	936	50	0.51%	0.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MD - SDWIS/FED (Round 2)	976	920	56	0.51%	0.11%	7.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN - URCIS (Round 1)	1,557	1,529	28	0.06%	0.07%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
MN - SDWIS/FED (Round 2)	1,558	1,528	30	0.58%	0.46%	6.67%	0.06%	0.07%	0.00%	0.00%	0.00%	0.00%
NC - URCIS (Round 1)	298	254	44	0.34%	0.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NC - SDWIS/FED (Round 2)	1,776	1,586	190	1.18%	1.20%	1.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM -URCIS (Round 1)	590	555	35	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NM -SDWIS/FED (Round 2)	714	689	25	0.56%	0.44%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH - URCIS (Round 1)	2,655	2,489	166	0.68%	0.68%	0.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OH - SDWIS/FED (Round 2)	2,232	2,050	182	1.39%	1.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA - URCIS (Round 1)	1,014	937	77	0.20%	0.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WA - SDWIS/FED (Round 2)	2,554	2,435	119	0.31%	0.21%	2.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

The Health Reference Level (HRL) used for Naphthalene is 140 (µg/L). This is a draft value for working review only.

Table C.11.a URCIS (Round 1) and SDWIS/FED (Round 2) Data- p-Isopropyltoluene Occurrence in Public Water Systems - Based on Number of Samples

STATE	TOTAL # SAMPLES	# GW SAMPLES	# SW SAMPLES	% TOTAL SAMPLES > MRL	% GW SAMPLES > MRL	% SW SAMPLES > MRL	MIN VALUE (µg/L)	99% VALUE (µg/L)	MAX VALUE (µg/L)	MIN DETECTS (µg/L)	MEDIAN DETECTS (µg/L)
AK - URCIS (Round 1)	1,760	1,489	271	0.45%	0.54%	0.00%	< 0.00	< 0.00	11.80	0.10	0.35
AK - SDWIS/FED (Round 2)	3,543	2,611	932	0.45%	0.50%	0.32%	< 0.00	< 0.00	1.70	0.10	0.21
KY - URCIS (Round 1)	2,075	1,119	956	0.05%	0.09%	0.00%	< 0.50	< 1.00	1.00	1.00	1.00
KY - SDWIS/FED (Round 2)	148	67	81	0.00%	0.00%	0.00%	< 0.40	< 1.25	< 1.25		
MD - URCIS (Round 1)	1,749	1,375	374	0.06%	0.07%	0.00%	< 0.10	< 0.50	0.10	0.10	0.10
MD - SDWIS/FED (Round 2)	4,857	4,306	551	0.02%	0.02%	0.00%	< 0.10	< 0.50	0.10	0.10	0.10
MN - URCIS (Round 1)	2,657	2,589	68	0.00%	0.00%	0.00%	< 0.20	< 0.50	< 5.00		
MN - SDWIS/FED (Round 2)	6,864	6,678	186	0.03%	0.03%	0.00%	< 0.00	< 0.50	7.20	5.80	6.50
NC - URCIS (Round 1)	644	569	75	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50		
NC - SDWIS/FED (Round 2)	3,329	2,869	460	0.39%	0.38%	0.43%	< 0.00	< 0.00	0.50	0.50	0.50
NM -URCIS (Round 1)	1,595	1,475	120	0.00%	0.00%	0.00%	< 0.00	< 1.00	< 5.00		
NM -SDWIS/FED (Round 2)	4,282	4,082	200	0.00%	0.00%	0.00%	< 0.50	< 1.00	< 1.00		
OH - URCIS (Round 1)	15,953	15,035	918	0.05%	0.05%	0.00%	< 0.20	< 2.00	4.50	0.20	0.95
OH - SDWIS/FED (Round 2)	17,787	16,431	1,356	0.04%	0.05%	0.00%	< 0.50	< 0.50	11.30	0.65	2.73
WA - URCIS (Round 1)	3,987	3,656	331	0.03%	0.03%	0.00%	< 0.50	< 0.50	0.60	0.60	0.60
WA - SDWIS/FED (Round 2)	9,544	8,660	884	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00		

Table C.11.b URCIS (Round 1) and SDWIS/FED (Round 2) Data- p-Isopropyltoluene Occurrence in Public Water Systems - Based on Number of Systems

STATE	TOTAL UNIQUE PWS	# GW PWS	# SW PWS	% PWS > MRL	% GW PWS > MRL	% SW PWS > MRL	% PWS > 1/2 HRL	% GW PWS > 1/2 HRL	% SW PWS > 1/2 HRL	% PWS > HRL	% GW PWS > HRL	% SW PWS > HRL
AK - URCIS (Round 1)	674	543	131	0.89%	1.10%	0.00%						
AK - SDWIS/FED (Round 2)	625	481	144	1.92%	1.87%	2.08%						
KY - URCIS (Round 1)	524	291	233	0.19%	0.34%	0.00%						
KY - SDWIS/FED (Round 2)	33	15	18	0.00%	0.00%	0.00%						
MD - URCIS (Round 1)	986	936	50	0.10%	0.11%	0.00%						
MD - SDWIS/FED (Round 2)	976	920	56	0.10%	0.11%	0.00%						
MN - URCIS (Round 1)	1,557	1,529	28	0.00%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for p-Isoproyltoluene.					
MN - SDWIS/FED (Round 2)	1,558	1,528	30	0.06%	0.07%	0.00%						
NC - URCIS (Round 1)	298	254	44	0.00%	0.00%	0.00%						
NC - SDWIS/FED (Round 2)	1,775	1,585	190	0.62%	0.57%	1.05%						
NM -URCIS (Round 1)	590	555	35	0.00%	0.00%	0.00%						
NM -SDWIS/FED (Round 2)	715	691	24	0.00%	0.00%	0.00%						
OH - URCIS (Round 1)	2,656	2,490	166	0.26%	0.28%	0.00%						
OH - SDWIS/FED (Round 2)	2,232	2,050	182	0.27%	0.29%	0.00%						
WA - URCIS (Round 1)	1,014	937	77	0.10%	0.11%	0.00%						
WA - SDWIS/FED (Round 2)	2,546	2,428	118	0.00%	0.00%	0.00%						

Appendix D. Summary Data for URCIS (Round 1) and SDWIS/FED (Round 2) for Select Contaminants by System Type and Population Served

Table D.1.a URCIS (Round 1) Data- Ethylene Dibromide Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.37%	0.37%	0.33%	0.33%	1.68%	1.65%	0.11%	0.11%	0.11%	0.00%	3.36%	0.00%	0.08%	0.08%
501-3,300	1.08%	1.33%	1.11%	1.28%	0.96%	1.59%	0.31%	0.36%	0.25%	0.12%	1.61%	0.64%	0.15%	0.20%
3,301-10,000	2.80%	2.60%	3.68%	3.34%	1.11%	1.09%	1.02%	0.95%	1.16%	0.35%	2.22%	0.72%	0.64%	0.59%
10,001-50,000	4.83%	5.56%	6.33%	6.86%	2.16%	3.29%	2.18%	2.55%	2.43%	0.95%	5.63%	1.65%	1.09%	1.20%
> 50,000	11.76%	12.05%	12.80%	13.28%	10.62%	10.74%	2.94%	3.21%	3.20%	2.34%	4.42%	2.48%	1.26%	1.61%
TOTAL	1.57%	1.72%	1.43%	1.52%	2.39%	2.88%	0.53%	0.59%	0.44%	0.17%	3.16%	1.02%	0.28%	0.32%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.08%	0.08%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	30.80	30.80	0.01	0.01	0.07	0.07
501-3,300	0.12%	0.18%	0.32%	0.32%	< 0.00	< 0.00	4.00	4.00	2.00	2.00	0.02	0.02	0.04	0.05
3,301-10,000	0.58%	0.53%	0.74%	0.72%	< 0.00	< 0.00	5.00	5.00	4.00	4.00	0.02	0.02	0.07	0.07
10,001-50,000	1.46%	1.65%	0.43%	0.41%	< 0.00	< 0.00	0.02	0.03	7.14	53.00	0.01	0.01	0.06	0.06
> 50,000	1.60%	2.34%	0.88%	0.83%	< 0.00	< 0.00	0.05	0.05	4.52	4.52	0.01	0.01	0.02	0.02
TOTAL	0.25%	0.29%	0.48%	0.47%	< 0.00	< 0.00	0.02	0.02	30.80	30.80	0.01	0.01	0.03	0.04

Table D.1.b URCIS (Round 1) Data- Ethylene Dibromide Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.33%	0.33%	0.30%	0.30%	1.75%	1.75%	0.08%	0.08%	0.04%	0.04%	1.75%	1.75%	0.08%	0.08%
501-3,300	0.56%	0.56%	0.31%	0.31%	3.33%	3.33%	0.28%	0.28%	0.00%	0.00%	3.33%	3.33%	0.28%	0.28%
3,301-10,000	9.09%	9.09%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	0.40%	0.40%	0.33%	0.33%	2.27%	2.27%	0.11%	0.11%	0.04%	0.04%	2.27%	2.27%	0.11%	0.11%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.04%	0.04%	1.75%	1.75%	< 0.00	0.00	1.00	1.00	1,030.00	1,030.00	0.02	0.02	0.18	0.18
501-3,300	0.00%	0.00%	3.33%	3.33%	< 0.00	0.00	5.00	5.00	0.90	0.90	0.05	0.05	0.13	0.13
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.02	0.02	0.02	0.02	0.00	0.00				
> 50,000														
TOTAL	0.04%	0.04%	2.27%	2.27%	< 0.00	< 0.00	< 1.00	< 1.00	1030.00	1030.00	0.02	0.02	0.09	0.09

1. Analyses are based on data from the URCIS 24 State Cross-Section of: AK, AL, AZ, CA, FL, GA, HI, IA, IL, IN, KY, MD, MN, MT, NC, NJ, NM, OH, SD, TN, UT, WA, WV, WY.
2. Analyses are based on data from all 40 States in the URCIS database.

Table D.2.a URCIS (Round 1) Data- Bromobenzene Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.09%	0.11%	0.07%	0.09%	0.59%	0.58%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Bromobenzene.							
501-3,300	0.03%	0.07%	0.04%	0.08%	0.00%	0.00%								
3,301-10,000	0.64%	0.86%	0.67%	0.99%	0.54%	0.53%								
10,001-50,000	0.98%	1.06%	0.59%	0.75%	1.45%	1.40%								
> 50,000	3.23%	3.08%	4.12%	3.96%	2.16%	2.05%								
TOTAL	0.26%	0.32%	0.18%	0.24%	0.76%	0.74%								

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	No HRL				< 0.00	< 0.00	< 1.00	< 1.00	7.10	7.10	0.50	0.50	1.00	1.00
501-3,300					< 0.00	< 0.00	< 4.00	< 4.00	1.00	6.40	1.00	1.00	1.00	3.70
3,301-10,000					< 0.00	< 0.00	< 4.00	< 4.00	6.00	6.00	0.10	0.10	0.93	0.55
10,001-50,000					< 0.00	< 0.00	< 2.00	2.00	40.00	40.00	0.10	0.10	0.55	0.70
> 50,000					< 0.00	< 0.00	2.00	2.00	16.00	16.00	0.04	0.04	1.10	1.10
TOTAL					< 0.00	< 0.00	< 2.00	< 2.00	40.00	40.00	0.04	0.04	1.00	1.00

Table D.2.b URCIS (Round 1) Data- Bromobenzene Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.03%	0.05%	0.03%	0.06%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Bromobenzene.							
501-3,300	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%								
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%								
10,001-50,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%								
> 50,000														
TOTAL	0.02%	0.05%	0.02%	0.05%	0.00%	0.00%								

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	No HRL				< 0.00	< 0.00	< 1.00	< 1.00	0.10	55.00	0.10	0.10	0.10	27.55
501-3,300					< 0.00	< 0.00	< 2.00	< 2.00	< 5.00	< 5.00				
3,301-10,000					< 0.03	< 0.03	< 1.00	< 1.00	< 1.00	< 1.00				
10,001-50,000					< 0.00	< 0.00	< 1.00	< 1.00	< 1.00	< 1.00				
> 50,000														
TOTAL					< 0.00	< 0.00	< 1.00	< 1.00	0.10	55.00	0.10	0.10	0.10	27.55

1. Analyses are based on data from the URCIS 24 State Cross-Section of: AK, AL, AZ, CA, FL, GA, HI, IA, IL, IN, KY, MD, MN, MT, NC, NJ, NM, OH, SD, TN, UT, WA, WV, WY.
2. Analyses are based on data from all 40 States in the URCIS database.

Table D.3.a URCIS (Round 1) Data- Bromodichloromethane Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	14.10%	15.09%	10.71%	11.56%	67.75%	69.09%	0.40%	0.39%	0.16%	0.16%	4.18%	3.97%	0.06%	0.06%
501-3,300	36.33%	38.05%	27.99%	29.31%	81.48%	82.62%	1.33%	1.29%	0.41%	0.40%	6.30%	5.79%	0.20%	0.20%
3,301-10,000	53.57%	53.78%	35.29%	35.70%	89.84%	90.40%	3.05%	2.79%	0.53%	0.49%	8.13%	7.52%	0.30%	0.27%
10,001-50,000	59.48%	61.34%	41.33%	43.68%	87.74%	88.38%	3.79%	3.65%	0.44%	0.40%	8.89%	8.30%	0.58%	0.61%
> 50,000	73.35%	75.77%	50.00%	52.02%	93.75%	94.66%	5.96%	5.35%	0.53%	0.51%	10.23%	8.74%	0.94%	0.85%
TOTAL	28.88%	30.65%	19.64%	20.95%	82.75%	83.91%	1.31%	1.28%	0.28%	0.27%	7.13%	6.62%	0.18%	0.18%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.03%	0.03%	0.46%	0.44%	< 0.00	< 0.00	18.00	19.00	284.00	284.00	0.01	0.01	2.60	2.75
501-3,300	0.10%	0.10%	0.74%	0.68%	< 0.00	< 0.00	23.00	23.00	170.00	170.00	0.01	0.01	3.40	3.10
3,301-10,000	0.11%	0.10%	0.68%	0.63%	< 0.00	< 0.00	25.80	25.00	170.00	170.00	0.01	0.01	4.90	4.60
10,001-50,000	0.30%	0.27%	1.20%	1.24%	< 0.00	< 0.00	22.20	21.20	104.00	104.00	0.01	0.01	4.10	4.00
> 50,000	0.00%	0.00%	1.70%	1.46%	< 0.00	< 0.00	24.00	24.00	100.00	100.00	0.01	0.01	5.00	5.30
TOTAL	0.07%	0.07%	0.85%	0.82%	< 0.00	< 0.00	23.00	23.00	284.00	284.00	0.01	0.01	4.00	4.00

Table D.3.b URCIS (Round 1) Data- Bromodichloromethane Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	9.42%	9.52%	7.90%	8.00%	75.00%	75.00%	0.20%	0.20%	0.12%	0.12%	3.75%	3.75%	0.00%	0.00%
501-3,300	14.70%	15.24%	9.34%	9.96%	92.31%	92.31%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	18.75%	23.53%	18.75%	23.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	25.00%	25.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	10.23%	10.41%	8.16%	8.36%	80.00%	80.00%	0.10%	0.10%	0.05%	0.05%	1.67%	1.67%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	12.00	12.00	55.00	55.00	0.10	0.10	2.90	2.95
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	15.00	15.00	23.00	23.00	0.15	0.15	4.55	3.80
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.10	< 0.10	1.20	2.80	1.20	2.80	0.79	0.79	1.14	1.18
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	0.77	0.77	1.04	1.04	0.77	0.77	0.91	0.91
> 50,000														
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	12.00	12.00	55.00	55.00	0.10	0.10	3.00	3.00

1. Analyses are based on data from the URCIS 24 State Cross-Section of: AK, AL, AZ, CA, FL, GA, HI, IA, IL, IN, KY, MD, MN, MT, NC, NJ, NM, OH, SD, TN, UT, WA, WV, WY.
2. Analyses are based on data from all 40 States in the URCIS database.

Table D.4.a URCIS (Round 1) Data- Bromoform Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	5.96%	6.28%	5.19%	5.50%	23.00%	23.43%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%	0.01%
501-3,300	13.94%	14.52%	12.91%	13.50%	19.96%	20.43%	0.03%	0.03%	0.00%	0.00%	0.22%	0.22%	0.00%	0.00%
3,301-10,000	20.55%	20.73%	20.21%	20.30%	20.20%	20.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	26.02%	27.09%	26.17%	27.09%	24.09%	25.49%	0.10%	0.09%	0.15%	0.14%	0.00%	0.00%	0.00%	0.00%
> 50,000	43.37%	43.52%	45.30%	45.74%	37.04%	36.84%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	11.96%	12.54%	10.28%	10.82%	23.10%	23.78%	0.02%	0.02%	0.02%	0.02%	0.06%	0.06%	0.01%	0.01%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.01%	0.01%	0.00%	0.00%	< 0.00	< 0.00	4.90	5.00	1,100.00	1,100.00	0.01	0.01	1.80	1.80
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	7.81	7.90	246.00	246.00	0.03	0.03	1.80	1.70
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	7.70	7.50	108.00	108.00	0.02	0.02	2.00	2.00
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	8.30	9.00	300.20	300.20	0.01	0.01	1.95	1.80
> 50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	9.30	9.00	58.00	58.00	0.01	0.01	1.90	1.70
TOTAL	0.01%	0.01%	0.00%	0.00%	< 0.00	< 0.00	7.60	7.70	1,100.00	1,100.00	0.01	0.01	1.90	1.80

Table D.4.b URCIS (Round 1) Data- Bromoform Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	3.97%	4.03%	3.71%	3.76%	16.22%	16.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
501-3,300	4.73%	5.05%	4.84%	5.18%	2.63%	2.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	6.25%	6.25%	6.25%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	25.00%	25.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	4.11%	4.20%	3.89%	3.99%	11.50%	11.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	6.00	6.00	87.00	87.00	0.01	0.01	2.90	2.90
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	3.00	3.00	20.20	20.20	0.70	0.70	1.80	1.60
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.20	< 0.20	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	0.69	0.69	0.76	0.76	0.69	0.69	0.73	0.73
> 50,000														
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	5.00	5.50	87.00	87.00	0.01	0.01	2.38	2.35

1. Analyses are based on data from the URCIS 24 State Cross-Section of: AK, AL, AZ, CA, FL, GA, HI, IA, IL, IN, KY, MD, MN, MT, NC, NJ, NM, OH, SD, TN, UT, WA, WV, WY.
2. Analyses are based on data from all 40 States in the URCIS database.

Table D.5.a URCIS (Round 1) Data- Chloroform Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	20.72%	22.72%	16.89%	18.86%	75.42%	76.59%	0.08%	0.08%	0.03%	0.03%	0.83%	0.79%	0.01%	0.01%
501-3,300	44.82%	47.19%	36.74%	39.05%	86.44%	87.40%	0.23%	0.22%	0.07%	0.06%	1.06%	0.97%	0.03%	0.03%
3,301-10,000	59.26%	60.63%	43.25%	45.47%	91.15%	91.90%	0.29%	0.26%	0.11%	0.09%	0.66%	0.61%	0.00%	0.00%
10,001-50,000	67.86%	70.13%	53.61%	57.00%	89.50%	90.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000	81.88%	83.52%	66.32%	67.98%	94.38%	95.19%	0.94%	0.84%	0.00%	0.00%	1.69%	1.44%	0.94%	0.84%
TOTAL	36.07%	38.75%	27.19%	29.73%	86.22%	87.32%	0.15%	0.14%	0.04%	0.04%	0.72%	0.65%	0.03%	0.03%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.21%	0.20%	< 0.00	< 0.00	67.90	74.00	1,883.00	1,883.00	0.01	0.01	3.00	3.00
501-3,300	0.03%	0.03%	0.00%	0.00%	< 0.00	< 0.00	110.00	113.70	1,700.00	1,700.00	0.01	0.01	5.10	5.25
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	118.20	118.20	390.00	390.00	0.01	0.01	13.00	11.00
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	80.00	87.00	289.00	290.00	0.01	0.01	8.00	8.00
> 50,000	0.00%	0.00%	1.69%	1.44%	< 0.00	< 0.00	67.10	75.40	645.00	645.00	0.01	0.01	2.20	2.80
TOTAL	0.01%	0.01%	0.14%	0.13%	< 0.00	< 0.00	92.00	95.00	1,883.00	1,883.00	0.01	0.01	5.00	5.30

Table D.5.b URCIS (Round 1) Data- Chloroform Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	15.03%	15.50%	13.46%	13.95%	82.72%	82.72%	0.06%	0.06%	0.06%	0.06%	0.00%	0.00%	0.00%	0.00%
501-3,300	21.51%	22.52%	16.79%	17.93%	89.74%	89.74%	0.00%	0.17%	0.00%	0.18%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	18.75%	23.53%	18.75%	23.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	25.00%	25.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	15.98%	16.55%	13.96%	14.56%	84.30%	84.30%	0.05%	0.07%	0.05%	0.07%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	49.00	50.00	393.00	393.00	0.03	0.03	2.70	2.70
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.03	< 0.00	54.00	54.00	130.00	306.40	0.05	0.05	3.31	3.08
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.10	< 0.10	0.90	3.90	0.90	3.90	0.53	0.53	0.80	0.85
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	1.20	1.20	1.30	1.30	0.60	0.60	0.80	0.80
> 50,000														
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	50.00	50.10	393.00	393.00	0.03	0.03	2.70	2.70

1. Analyses are based on data from the URCIS 24 State Cross-Section of: AK, AL, AZ, CA, FL, GA, HI, IA, IL, IN, KY, MD, MN, MT, NC, NJ, NM, OH, SD, TN, UT, WA, WV, WY.
2. Analyses are based on data from all 40 States in the URCIS database.

Table D.6.a URCIS (Round 1) Data- Chloromethane Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.79%	1.14%	0.76%	1.13%	1.60%	1.59%	0.38%	0.52%	0.37%	0.51%	0.80%	0.79%	0.24%	0.30%
501-3,300	1.03%	1.74%	0.84%	1.60%	2.21%	2.62%	0.56%	0.84%	0.44%	0.70%	1.33%	1.75%	0.38%	0.58%
3,301-10,000	2.42%	3.08%	2.47%	3.31%	2.33%	2.53%	1.25%	1.54%	0.90%	1.24%	2.07%	2.28%	0.63%	0.88%
10,001-50,000	1.87%	3.00%	1.69%	3.35%	2.19%	2.37%	0.89%	1.41%	0.77%	1.46%	1.10%	1.32%	0.59%	1.13%
> 50,000	4.26%	4.94%	3.98%	4.92%	4.58%	4.97%	1.82%	1.74%	1.70%	1.64%	1.96%	1.86%	1.52%	1.45%
TOTAL	1.18%	1.74%	1.02%	1.62%	2.36%	2.61%	0.59%	0.81%	0.47%	0.69%	1.43%	1.64%	0.37%	0.53%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.22%	0.28%	0.80%	0.79%	< 0.00	< 0.00	< 2.00	2.00	26.90	26.90	0.01	0.01	1.12	1.20
501-3,300	0.34%	0.50%	0.66%	1.09%	< 0.00	< 0.00	4.00	4.00	269.00	269.00	0.15	0.15	1.40	1.30
3,301-10,000	0.45%	0.72%	1.03%	1.27%	< 0.00	< 0.00	4.00	4.00	100.00	100.00	0.15	0.15	1.00	1.00
10,001-50,000	0.46%	1.16%	0.82%	1.06%	< 0.00	< 0.00	2.00	2.00	44.00	44.00	0.10	0.10	1.30	1.16
> 50,000	1.70%	1.64%	1.31%	1.24%	< 0.00	< 0.00	2.00	2.00	40.70	40.70	0.02	0.02	0.75	0.60
TOTAL	0.30%	0.45%	0.87%	1.09%	< 0.00	< 0.00	2.00	4.00	269.00	269.00	0.01	0.01	1.11	1.10

Table D.6.b URCIS (Round 1) Data- Chloromethane Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	1.73%	1.86%	1.74%	1.87%	1.37%	1.37%	1.30%	1.30%	1.30%	1.30%	1.37%	1.37%	0.87%	0.86%
501-3,300	1.80%	1.80%	1.75%	1.75%	2.63%	2.63%	1.05%	1.05%	0.95%	0.95%	2.63%	2.63%	0.60%	0.60%
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.00%	0.00%	0.00%	0.00%			0.00%	0.00%	0.00%	0.00%			0.00%	0.00%
> 50,000														
TOTAL	1.73%	1.84%	1.73%	1.84%	1.79%	1.79%	1.26%	1.26%	1.24%	1.24%	1.79%	1.79%	0.82%	0.82%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.88%	0.88%	0.00%	0.00%	< 0.00	< 0.00	2.00	2.00	79.00	79.00	0.15	0.15	3.05	3.00
501-3,300	0.64%	0.64%	0.00%	0.00%	< 0.00	< 0.00	5.17	5.17	10.00	10.00	0.50	0.50	1.35	1.35
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.10	< 0.10	< 2.00	< 2.00	< 2.00	< 2.00				
10,001-50,000	0.00%	0.00%			< 0.00	< 0.00	< 1.00	< 1.00	< 1.00	< 1.00				
> 50,000														
TOTAL	0.84%	0.84%	0.00%	0.00%	< 0.00	< 0.00	1.00	1.00	79.00	79.00	0.15	0.15	3.00	3.00

1. Analyses are based on data from the URCIS 24 State Cross-Section of: AK, AL, AZ, CA, FL, GA, HI, IA, IL, IN, KY, MD, MN, MT, NC, NJ, NM, OH, SD, TN, UT, WA, WV, WY.
2. Analyses are based on data from all 40 States in the URCIS database.

Table D.7.a URCIS (Round 1) Data- Dibromochloromethane Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	11.29%	11.76%	9.02%	9.44%	51.98%	52.85%	0.09%	0.08%	0.06%	0.06%	0.53%	0.52%	0.00%	0.00%
501-3,300	28.71%	29.76%	22.81%	23.95%	62.48%	63.06%	0.47%	0.46%	0.31%	0.30%	1.40%	1.38%	0.12%	0.11%
3,301-10,000	46.35%	46.07%	32.58%	32.74%	73.83%	74.32%	1.28%	1.19%	0.54%	0.49%	2.80%	2.70%	0.15%	0.14%
10,001-50,000	53.14%	54.59%	36.76%	38.40%	76.43%	77.33%	2.06%	1.89%	0.45%	0.41%	4.71%	4.22%	0.29%	0.27%
> 50,000	68.77%	70.40%	48.11%	49.74%	83.72%	84.69%	4.10%	4.02%	2.16%	2.05%	5.81%	5.61%	0.00%	0.00%
TOTAL	24.02%	25.12%	16.78%	17.69%	67.87%	68.97%	0.56%	0.55%	0.22%	0.21%	2.66%	2.57%	0.07%	0.07%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	9.80	9.80	52.00	52.00	0.01	0.01	1.90	1.90
501-3,300	0.10%	0.10%	0.20%	0.20%	< 0.00	< 0.00	12.70	12.70	89.00	89.00	0.01	0.01	1.90	1.90
3,301-10,000	0.11%	0.10%	0.23%	0.23%	< 0.00	< 0.00	13.50	13.00	95.00	95.00	0.01	0.01	2.00	1.90
10,001-50,000	0.00%	0.00%	0.74%	0.67%	< 0.00	< 0.00	13.00	12.70	117.00	117.00	0.01	0.01	2.00	2.00
> 50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	17.00	17.00	57.70	57.70	0.01	0.01	2.00	2.00
TOTAL	0.04%	0.03%	0.27%	0.25%	< 0.00	< 0.00	13.00	13.00	117.00	117.00	0.01	0.01	2.00	2.00

Table D.7.b URCIS (Round 1) Data- Dibromochloromethane Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	7.14%	7.22%	6.11%	6.19%	53.25%	53.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
501-3,300	12.84%	13.13%	8.26%	8.59%	79.49%	79.49%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	18.75%	23.53%	18.75%	23.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	25.00%	25.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	8.02%	8.15%	6.47%	6.61%	61.54%	61.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	8.60	8.63	26.00	26.00	0.01	0.01	2.60	2.60
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.03	< 0.03	7.00	7.00	16.00	16.00	0.16	0.16	2.00	2.00
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.05	< 0.05	1.60	1.60	1.60	1.60	0.05	0.05	1.10	1.25
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	0.67	0.67	0.95	0.95	0.67	0.67	0.81	0.81
> 50,000														
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	8.00	8.00	26.00	26.00	0.01	0.01	2.28	2.24

1. Analyses are based on data from the URCIS 24 State Cross-Section of: AK, AL, AZ, CA, FL, GA, HI, IA, IL, IN, KY, MD, MN, MT, NC, NJ, NM, OH, SD, TN, UT, WA, WV, WY.
2. Analyses are based on data from all 40 States in the URCIS database.

Table D.8.a URCIS (Round 1) Data- 1,1-Dichloroethane Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.59%	0.75%	0.51%	0.68%	2.81%	2.79%	0.10%	0.26%	0.07%	0.25%	0.80%	0.80%	0.06%	0.13%
501-3,300	0.46%	0.74%	0.52%	0.81%	0.00%	0.22%	0.17%	0.28%	0.20%	0.33%	0.00%	0.00%	0.09%	0.23%
3,301-10,000	1.68%	2.29%	2.04%	2.87%	0.78%	0.77%	0.53%	1.21%	0.65%	1.59%	0.26%	0.26%	0.38%	0.71%
10,001-50,000	4.41%	6.54%	5.30%	7.94%	2.77%	3.94%	1.08%	2.95%	1.21%	3.12%	0.83%	2.62%	0.39%	1.47%
> 50,000	9.94%	11.76%	14.53%	16.58%	4.20%	5.88%	4.04%	4.71%	6.15%	7.49%	1.40%	1.31%	2.48%	3.24%
TOTAL	1.18%	1.65%	1.12%	1.58%	1.64%	2.14%	0.33%	0.70%	0.31%	0.66%	0.50%	0.92%	0.18%	0.40%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.04%	0.10%	0.40%	0.80%	< 0.00	< 0.00	< 1.00	< 2.00	27.00	27.00	0.02	0.02	1.20	1.47
501-3,300	0.10%	0.26%	0.00%	0.00%	< 0.00	< 0.00	< 4.00	< 4.00	30.00	30.00	0.20	0.20	1.30	1.00
3,301-10,000	0.43%	0.89%	0.26%	0.26%	< 0.00	< 0.00	7.00	0.50	13.00	16.00	0.01	0.01	1.40	1.40
10,001-50,000	0.45%	1.99%	0.28%	0.52%	< 0.00	< 0.00	0.90	3.70	15.60	15.60	0.10	0.10	1.00	1.70
> 50,000	3.35%	4.81%	1.40%	1.31%	< 0.00	< 0.00	1.20	2.70	500.00	500.00	0.03	0.03	1.20	1.60
TOTAL	0.16%	0.40%	0.32%	0.43%	< 0.00	< 0.00	0.02	1.20	500.00	500.00	0.01	0.01	1.20	1.50

Table D.8.b URCIS (Round 1) Data- 1,1-Dichloroethane Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	1.27%	1.45%	1.29%	1.47%	0.00%	0.00%	0.43%	0.74%	0.44%	0.75%	0.00%	0.00%	0.28%	0.43%
501-3,300	1.35%	1.64%	1.27%	1.58%	2.63%	2.63%	0.15%	0.60%	0.00%	0.47%	2.63%	2.63%	0.15%	0.15%
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.00%	0.00%	0.00%	0.00%			0.00%	0.00%	0.00%	0.00%			0.00%	0.00%
> 50,000														
TOTAL	1.28%	1.47%	1.29%	1.48%	0.89%	0.89%	0.39%	0.71%	0.38%	0.71%	0.89%	0.89%	0.26%	0.39%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.28%	0.44%	0.00%	0.00%	< 0.00	< 0.00	0.91	1.10	28.00	30.00	0.10	0.10	1.55	1.70
501-3,300	0.00%	0.00%	2.63%	2.63%	< 0.00	< 0.00	0.19	0.70	19.00	19.00	0.05	0.05	1.05	0.95
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.10	< 0.10	< 1.00	< 1.00	< 1.00	< 1.00				
10,001-50,000	0.00%	0.00%			< 0.00	< 0.00	< 1.00	< 1.00	< 1.00	< 1.00				
> 50,000														
TOTAL	0.24%	0.38%	0.89%	0.89%	< 0.00	< 0.00	< 0.80	< 1.00	28.00	30.00	0.05	0.05	1.30	1.40

1. Analyses are based on data from the URCIS 24 State Cross-Section of: AK, AL, AZ, CA, FL, GA, HI, IA, IL, IN, KY, MD, MN, MT, NC, NJ, NM, OH, SD, TN, UT, WA, WV, WY.
2. Analyses are based on data from all 40 States in the URCIS database.

Table D.9.a URCIS (Round 1) Data- 1,3- Dichloropropene Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.04%	0.04%	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
501-3,300	0.08%	0.15%	0.09%	0.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	0.75%	0.96%	0.43%	0.77%	1.49%	1.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.59%	0.55%	0.62%	0.57%	0.53%	0.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000	1.20%	2.13%	1.14%	2.15%	1.10%	2.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	0.24%	0.32%	0.16%	0.24%	0.70%	0.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	1.00	1.00	1.00	1.00	1.00	1.00
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	1.00	1.00	1.00	0.20	1.00	0.60
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 4.00	< 4.00	2.00	12.00	0.50	0.50	1.40	1.75
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	1.00	1.00	0.50	0.50	0.50	0.50
> 50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	1.30	17.00	0.50	0.50	0.90	1.25
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	2.00	17.00	0.50	0.50	1.00	1.00

Table D.9.b URCIS (Round 1) Data- 1,3- Dichloropropene Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.04%	0.04%	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
501-3,300	0.21%	0.21%	0.22%	0.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	0.07%	0.07%	0.07%	0.07%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	1.00	1.00	1.00	1.00	1.00	1.00
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.04	< 0.04	< 1.00	< 1.00	1.40	1.40	1.40	1.40	1.40	1.40
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50				
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.50	< 0.50	< 0.00	< 0.00				
> 50,000														
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	1.40	1.40	1.00	1.00	1.20	1.20

1. Analyses are based on data from the URCIS 24 State Cross-Section of: AK, AL, AZ, CA, FL, GA, HI, IA, IL, IN, KY, MD, MN, MT, NC, NJ, NM, OH, SD, TN, UT, WA, WV, WY.
2. Analyses are based on data from all 40 States in the URCIS database.

Table D.10.a URCIS (Round 1) Data- Hexachlorobutadiene Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.22%	0.22%	0.11%	0.11%	2.26%	2.23%	0.19%	0.19%	0.09%	0.09%	2.26%	2.23%	0.14%	0.14%
501-3,300	0.10%	0.20%	0.06%	0.18%	0.33%	0.33%	0.10%	0.20%	0.06%	0.18%	0.33%	0.33%	0.05%	0.15%
3,301-10,000	0.23%	0.21%	0.17%	0.15%	0.35%	0.34%	0.12%	0.11%	0.00%	0.00%	0.35%	0.34%	0.12%	0.11%
10,001-50,000	0.93%	0.89%	1.23%	1.17%	2.44%	2.33%	0.40%	0.38%	0.61%	0.59%	0.00%	0.00%	0.00%	0.00%
> 50,000	1.46%	1.40%	2.40%	2.33%	6.38%	5.94%	0.98%	0.93%	1.60%	1.55%	0.00%	0.00%	0.00%	0.00%
TOTAL	0.29%	0.32%	0.23%	0.26%	0.61%	0.59%	0.21%	0.24%	0.16%	0.18%	0.52%	0.51%	0.16%	0.18%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.06%	0.06%	1.69%	1.68%	< 0.00	< 0.00	< 5.00	< 5.00	10.00	10.00	0.16	0.16	3.10	3.10
501-3,300	0.06%	0.18%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	5.00	8.00	2.00	2.00	3.50	5.50
3,301-10,000	0.00%	0.00%	0.35%	0.34%	< 0.00	< 0.00	< 4.00	< 4.00	10.00	10.00	0.20	0.20	10.00	10.00
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 5.00	< 5.00	1.00	1.00	0.10	0.10	0.20	0.20
> 50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 5.00	< 5.00	1.00	1.00	0.05	0.05	0.17	0.17
TOTAL	0.09%	0.12%	0.52%	0.51%	< 0.00	< 0.00	< 5.00	< 5.00	10.00	10.00	0.05	0.05	0.65	0.83

Table D.10.b URCIS (Round 1) Data- Hexachlorobutadiene Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.14%	0.14%	0.14%	0.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
501-3,300	0.40%	0.40%	0.42%	0.42%	0.00%	0.00%	0.20%	0.20%	0.21%	0.21%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	11.11%	11.11%	11.11%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	0.20%	0.20%	0.21%	0.21%	0.00%	0.00%	0.09%	0.09%	0.09%	0.09%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	0.50	0.50	0.05	0.05	0.30	0.30
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	1.00	1.00	0.13	0.13	0.57	0.57
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.05	< 0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 10.00	< 10.00	< 10.00	< 10.00				
> 50,000														
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	1.00	1.00	0.05	0.05	0.13	0.13

1. Analyses are based on data from the URCIS 24 State Cross-Section of: AK, AL, AZ, CA, FL, GA, HI, IA, IL, IN, KY, MD, MN, MT, NC, NJ, NM, OH, SD, TN, UT, WA, WV, WY.
2. Analyses are based on data from all 40 States in the URCIS database.

Table D.11.a URCIS (Round 1) Data- Naphthalene Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.54%	0.69%	0.41%	0.58%	3.26%	3.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
501-3,300	0.68%	0.90%	0.58%	0.79%	1.23%	1.53%	0.05%	0.02%	0.05%	0.02%	0.00%	0.00%	0.05%	0.02%
3,301-10,000	2.19%	2.40%	2.62%	2.94%	1.25%	1.22%	0.10%	0.05%	0.15%	0.05%	0.00%	0.00%	0.10%	0.05%
10,001-50,000	2.63%	2.56%	2.34%	2.24%	2.89%	3.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000	4.89%	4.74%	6.15%	5.97%	2.70%	3.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	1.07%	1.25%	0.89%	1.08%	2.08%	2.26%	0.02%	0.02%	0.03%	0.03%	0.00%	0.00%	0.02%	0.02%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 5.00	< 5.00	25.00	25.00	0.15	0.15	2.00	1.30
501-3,300	0.05%	0.02%	0.00%	0.00%	< 0.00	< 0.00	< 3.00	< 4.00	900.00	900.00	0.18	0.18	1.90	1.75
3,301-10,000	0.15%	0.05%	0.00%	0.00%	< 0.00	< 0.00	< 5.00	< 5.00	906.00	906.00	0.50	0.40	1.40	1.50
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 5.00	< 5.00	19.00	19.00	0.50	0.50	1.00	0.96
> 50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 5.00	< 5.00	13.00	18.00	0.05	0.05	1.00	1.00
TOTAL	0.03%	0.03%	0.00%	0.00%	< 0.00	< 0.00	< 5.00	< 5.00	906.00	906.00	0.05	0.05	1.02	1.02

Table D.11.b URCIS (Round 1) Data- Naphthalene Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.75%	0.79%	0.77%	0.80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
501-3,300	1.15%	1.15%	1.22%	1.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	10.00%	9.09%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	0.84%	0.84%	0.86%	0.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	14.20	14.20	0.03	0.03	0.90	0.80
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 5.00	< 5.00	7.00	7.00	0.70	0.70	0.95	0.95
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.05	< 0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 10.00	< 10.00	< 10.00	< 10.00				
> 50,000														
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	14.20	14.20	0.03	0.03	0.90	0.90

1. Analyses are based on data from the URCIS 24 State Cross-Section of: AK, AL, AZ, CA, FL, GA, HI, IA, IL, IN, KY, MD, MN, MT, NC, NJ, NM, OH, SD, TN, UT, WA, WV, WY.
2. Analyses are based on data from all 40 States in the URCIS database.

Table D.12.a URCIS (Round 1) Data- p-Isopropyltoluene Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.03%	0.03%	0.03%	0.03%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for p-Isopropyltoluene.							
501-3,300	0.10%	0.15%	0.12%	0.17%	0.00%	0.00%								
3,301-10,000	0.60%	0.66%	0.92%	0.98%	0.00%	0.00%								
10,001-50,000	0.78%	0.88%	1.02%	1.20%	0.37%	0.35%								
> 50,000	1.30%	1.82%	2.74%	2.60%	0.00%	0.99%								
TOTAL	0.20%	0.25%	0.22%	0.26%	0.09%	0.18%								

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	No HRL				< 0.00	< 0.00	< 1.00	< 1.00	1.00	1.00	1.00	1.00	1.00	1.00
501-3,300					< 0.00	< 0.00	< 2.00	< 2.00	1.00	1.70	1.00	1.00	1.00	1.10
3,301-10,000					< 0.00	< 0.00	< 2.00	< 2.00	2.30	2.30	0.20	0.20	0.50	0.50
10,001-50,000					< 0.00	< 0.00	< 2.00	< 2.00	1.00	1.00	0.10	0.10	0.50	0.50
> 50,000					< 0.00	< 0.00	< 2.00	< 2.00	0.50	0.50	0.01	0.01	0.03	0.03
TOTAL					< 0.00	< 0.00	< 2.00	< 2.00	2.30	2.30	0.01	0.01	0.50	0.50

Table D.12.b URCIS (Round 1) Data- p-Isopropyltoluene Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.17%	0.17%	0.17%	0.17%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for p-Isopropyltoluene.							
501-3,300	0.21%	0.21%	0.22%	0.22%	0.00%	0.00%								
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%								
10,001-50,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%								
> 50,000														
TOTAL	0.18%	0.18%	0.18%	0.18%	0.00%	0.00%								

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	No HRL				< 0.00	< 0.00	< 1.00	< 1.00	4.50	4.50	0.03	0.03	0.50	0.50
501-3,300					< 0.03	< 0.03	< 1.00	< 1.00	1.00	1.00	1.00	1.00	1.00	1.00
3,301-10,000					< 0.15	< 0.15	< 0.50	< 0.50	< 0.50	< 0.50				
10,001-50,000					< 0.00	< 0.00	< 1.00	< 1.00	< 1.00	< 1.00				
> 50,000														
TOTAL					< 0.00	< 0.00	< 1.00	< 1.00	4.50	4.50	0.03	0.03	0.70	0.70

1. Analyses are based on data from the URCIS 24 State Cross-Section of: AK, AL, AZ, CA, FL, GA, HI, IA, IL, IN, KY, MD, MN, MT, NC, NJ, NM, OH, SD, TN, UT, WA, WV, WY.
2. Analyses are based on data from all 40 States in the URCIS database.

Table D.13.a URCIS (Round 1) Data- Tetrachloroethylene Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	1.68%	2.12%	1.70%	2.14%	0.61%	1.21%	0.47%	0.64%	0.48%	0.00%	0.00%	0.00%	0.31%	0.44%
501-3,300	2.79%	3.60%	2.94%	3.86%	1.72%	1.69%	1.19%	1.61%	1.25%	0.10%	0.74%	0.73%	0.62%	0.97%
3,301-10,000	6.10%	7.47%	8.15%	9.83%	1.09%	1.33%	2.46%	3.25%	3.24%	0.20%	0.55%	0.80%	1.74%	2.37%
10,001-50,000	14.79%	18.04%	19.54%	23.81%	4.84%	5.49%	7.40%	9.79%	10.46%	0.42%	0.97%	1.52%	5.10%	6.72%
> 50,000	27.70%	29.43%	41.18%	42.78%	9.52%	11.76%	19.26%	19.94%	30.00%	3.33%	4.76%	5.15%	13.85%	14.87%
TOTAL	4.00%	5.00%	4.14%	5.20%	2.84%	3.39%	1.81%	2.37%	1.91%	0.12%	1.02%	1.27%	1.21%	1.63%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.31%	0.45%	0.00%	0.00%	< 0.00	< 0.00	1.50	2.70	99.20	105.00	0.07	0.07	1.60	1.90
501-3,300	0.64%	1.03%	0.49%	0.48%	< 0.00	< 0.00	4.40	5.80	273.00	273.00	0.10	0.10	1.90	2.00
3,301-10,000	2.23%	2.97%	0.55%	0.80%	< 0.00	< 0.00	7.00	10.00	200.00	924.00	0.10	0.10	2.70	2.75
10,001-50,000	7.23%	9.24%	0.65%	1.22%	< 0.00	< 0.00	19.00	21.00	3,300.00	3,300.00	0.06	0.03	1.94	2.00
> 50,000	21.76%	23.33%	3.17%	3.68%	< 0.00	< 0.00	27.30	34.00	260.00	260.00	0.01	0.01	2.10	2.10
TOTAL	1.27%	1.71%	0.73%	0.99%	< 0.00	< 0.00	15.00	18.00	3,300.00	3,300.00	0.01	0.01	2.00	2.10

Table D.13.b URCIS (Round 1) Data- Tetrachloroethylene Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	2.00%	2.31%	2.01%	2.32%	1.47%	1.47%	0.66%	0.79%	0.67%	0.80%	0.00%	0.00%	0.39%	0.45%
501-3,300	3.06%	3.50%	3.08%	3.39%	2.70%	5.26%	1.68%	1.98%	1.78%	1.94%	0.00%	2.63%	0.61%	0.76%
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	25.00%	25.00%	25.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	2.17%	2.49%	2.17%	2.48%	1.89%	2.80%	0.80%	0.96%	0.82%	0.96%	0.00%	0.93%	0.42%	0.49%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.40%	0.45%	0.00%	0.00%	< 0.00	0.00	1.40	1.60	112.00	112.00	0.16	0.16	1.60	1.51
501-3,300	0.65%	0.81%	0.00%	0.00%	< 0.00	0.00	2.40	2.70	20.10	20.10	0.30	0.30	1.49	1.58
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.10	0.10	1.00	1.00	0.00	0.00	1.60	1.60	1.60	1.60
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	0.00	1.00	1.00	1.60	1.60				
> 50,000														
TOTAL	0.43%	0.50%	0.00%	0.00%	< 0.00	< 0.00	1.68	1.90	112.00	112.00	0.16	0.16	1.55	1.57

1. Analyses are based on data from the URCIS 24 State Cross-Section of: AK, AL, AZ, CA, FL, GA, HI, IA, IL, IN, KY, MD, MN, MT, NC, NJ, NM, OH, SD, TN, UT, WA, WV, WY.
2. Analyses are based on data from all 40 States in the URCIS database.

Table D.14.a URCIS (Round 1) Data- Trichloroethene Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	1.35%	1.68%	1.38%	1.70%	0.00%	0.78%	0.42%	0.51%	0.43%	0.51%	0.00%	0.78%	0.24%	0.28%
501-3,300	2.91%	4.20%	2.80%	4.19%	3.60%	4.23%	0.78%	1.49%	0.90%	1.66%	0.00%	0.35%	0.37%	1.04%
3,301-10,000	8.12%	9.89%	8.52%	10.79%	7.08%	7.26%	3.43%	4.33%	3.94%	4.98%	2.08%	2.42%	2.40%	2.78%
10,001-50,000	15.73%	20.09%	18.25%	23.21%	9.82%	12.55%	6.93%	9.22%	9.51%	11.69%	0.89%	3.24%	4.53%	6.50%
> 50,000	31.05%	32.85%	37.74%	39.41%	19.10%	22.12%	19.76%	21.17%	27.04%	27.65%	6.74%	10.58%	16.13%	17.15%
TOTAL	4.37%	5.70%	4.07%	5.37%	6.90%	8.40%	1.86%	2.53%	1.92%	2.51%	1.36%	2.67%	1.27%	1.77%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.24%	0.28%	0.00%	0.00%	< 0.00	< 0.00	1.09	1.30	34.90	34.90	0.10	0.10	1.50	1.40
501-3,300	0.42%	1.14%	0.00%	0.35%	< 0.00	< 0.00	3.00	43.00	320.00	1,280.00	0.10	0.10	1.60	3.50
3,301-10,000	3.15%	3.60%	0.42%	0.40%	< 0.00	< 0.00	6.90	10.20	465.00	3,668.90	0.05	0.05	1.70	1.90
10,001-50,000	6.27%	8.35%	0.45%	2.02%	< 0.00	< 0.00	36.10	37.00	643.40	643.40	0.08	0.08	2.80	2.60
> 50,000	22.01%	22.35%	5.62%	8.65%	< 0.00	< 0.00	40.30	40.10	590.00	590.00	0.01	0.01	3.20	3.18
TOTAL	1.33%	1.79%	0.73%	1.58%	< 0.00	< 0.00	25.00	32.00	643.40	3,668.90	0.01	0.01	2.90	2.90

Table D.14.b URCIS (Round 1) Data- Trichloroethene Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	2.97%	3.03%	3.03%	3.09%	0.00%	0.00%	1.07%	1.07%	1.09%	1.09%	0.00%	0.00%	0.70%	0.69%
501-3,300	3.49%	3.66%	3.51%	3.70%	3.13%	3.13%	1.28%	1.28%	1.36%	1.36%	0.00%	0.00%	0.73%	0.73%
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	25.00%	25.00%	25.00%	25.00%			25.00%	25.00%	25.00%	25.00%			25.00%	25.00%
> 50,000														
TOTAL	3.06%	3.13%	3.11%	3.18%	1.09%	1.09%	1.13%	1.12%	1.15%	1.15%	0.00%	0.00%	0.72%	0.72%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.71%	0.71%	0.00%	0.00%	< 0.00	< 0.00	5.90	5.90	562.00	562.00	0.11	0.11	1.90	1.80
501-3,300	0.78%	0.78%	0.00%	0.00%	< 0.01	< 0.01	6.07	6.07	146.70	146.70	0.10	0.10	1.20	1.05
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.10	< 0.10	< 1.00	< 1.00	< 1.00	< 1.00				
10,001-50,000	25.00%	25.00%			< 0.00	< 0.00	21.09	21.09	24.45	24.45	0.50	0.50	9.89	9.89
> 50,000														
TOTAL	0.74%	0.74%	0.00%	0.00%	< 0.00	< 0.00	15.40	15.40	562.00	562.00	0.10	0.10	3.85	3.81

1. Analyses are based on data from the URCIS 24 State Cross-Section of: AK, AL, AZ, CA, FL, GA, HI, IA, IL, IN, KY, MD, MN, MT, NC, NJ, NM, OH, SD, TN, UT, WA, WV, WY.
2. Analyses are based on data from all 40 States in the URCIS database.

Table D.15.a SDWIS/FED (Round 2) Data- Sulfate Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	85.27%	81.46%	85.15%	81.25%	86.75%	85.51%	4.50%	4.00%	4.45%	3.96%	5.62%	5.07%	1.82%	1.63%
501-3,300	90.76%	87.97%	90.77%	87.59%	90.71%	90.28%	6.19%	4.69%	5.85%	4.34%	8.08%	6.81%	1.51%	1.19%
3,301-10,000	92.96%	90.26%	93.60%	91.20%	91.46%	88.21%	5.23%	4.02%	3.81%	2.93%	8.54%	6.39%	1.17%	0.93%
10,001-50,000	95.71%	94.09%	94.12%	92.82%	97.35%	95.21%	8.58%	6.31%	4.41%	3.45%	12.88%	8.82%	1.49%	1.21%
> 50,000	93.94%	94.89%	94.87%	95.00%	93.55%	94.85%	9.85%	7.39%	7.69%	7.50%	10.75%	7.35%	0.76%	0.57%
TOTAL	88.08%	85.19%	87.55%	84.34%	91.61%	90.51%	5.30%	4.39%	4.80%	4.00%	8.83%	6.93%	1.65%	1.39%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	1.81%	1.62%	2.01%	1.81%	< 0.00	< 0.00	672,000	583,000	2,437,000	2,437,000	3.00	3.00	24,900	23,000
501-3,300	1.53%	1.17%	1.41%	1.30%	< 0.00	< 0.00	470,000	457,000	3,880,000	5,074,000	3.00	2.80	34,000	30,000
3,301-10,000	1.07%	0.90%	1.42%	0.98%	< 0.00	< 0.00	360,000	338,000	1,217,000	1,217,000	100.00	10.40	37,000	30,700
10,001-50,000	1.84%	1.44%	1.14%	1.01%	< 0.00	< 0.00	408,000	371,000	1,619,000	1,619,000	1.00	1.00	34,000	26,000
> 50,000	2.56%	2.50%	0.00%	0.00%	< 0.00	< 0.00	346,000	340,000	635,000	635,000	100.00	3.40	27,000	23,000
TOTAL	1.69%	1.42%	1.37%	1.15%	< 0.00	< 0.00	488,000	457,000	3,880,000	5,074,000	1.00	1.00	31,000	23,000

Table D.15.b SDWIS/FED (Round 2) Data- Sulfate Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	87.96%	85.72%	87.94%	85.68%	89.47%	88.61%	4.36%	4.07%	4.32%	4.04%	6.58%	6.33%	2.11%	1.98%
501-3,300	89.97%	88.07%	89.58%	87.88%	100.00%	93.55%	3.44%	2.79%	3.58%	2.77%	0.00%	3.23%	1.95%	1.45%
3,301-10,000	94.44%	95.45%	93.75%	95.00%	100.00%	100.00%	11.11%	9.09%	12.50%	10.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	100.00%	75.00%	100.00%	66.67%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	88.24%	86.11%	88.16%	86.03%	92.31%	90.27%	4.26%	3.89%	4.25%	3.86%	4.81%	5.31%	2.08%	1.89%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	2.11%	1.97%	2.63%	2.53%	< 0.00	< 0.00	709,000	680,000	4,250,000	4,250,000	100	10	27,000	26,000
501-3,300	2.02%	1.50%	0.00%	0.00%	< 0.00	< 0.00	626,000	600,000	5,454,000	5,454,000	200	10	24,000	22,000
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	410,000	410,000	410,000	410,000	1,200	1,000	12,000	10,000
10,001-50,000	0.00%	0.00%	0.00%	0.00%	21,000.00	5.00	144,000	144,000	144,000	144,000	21,000	4,090	82,500	4,430
> 50,000	0.00%	0.00%	0.00%	0.00%	8,000.00	8,000.00	16,000	16,000	16,000	16,000	8,000	8,000	11,000	11,000
TOTAL	2.09%	1.89%	1.92%	1.77%	< 0.00	< 0.00	685,000	660,000	5,454,000	5,454,000	100	10	26,000	26,000

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.16.a SDWIS/FED (Round 2) Data- Aldicarb Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.02%	0.00%	0.02%	0.00%	0.00%	0.00%	0.02%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%
501-3,300	0.00%	0.16%	0.00%	0.08%	0.00%	0.52%	0.00%	0.03%	0.00%	0.04%	0.00%	0.00%	0.00%	0.03%
3,301-10,000	0.00%	0.32%	0.00%	0.00%	0.00%	0.90%	0.00%	0.22%	0.00%	0.00%	0.00%	0.60%	0.00%	0.22%
10,001-50,000	0.20%	2.95%	0.00%	0.70%	0.38%	4.59%	0.00%	1.03%	0.00%	0.35%	0.00%	1.53%	0.00%	0.29%
> 50,000	0.00%	3.87%	0.00%	0.00%	0.00%	5.19%	0.00%	1.10%	0.00%	0.00%	0.00%	1.48%	0.00%	0.55%
TOTAL	0.01%	0.33%	0.00%	0.05%	0.08%	1.78%	0.00%	0.12%	0.00%	0.03%	0.00%	0.57%	0.00%	0.06%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 3.00	< 3.00	< 11.00	4.40		4.40		4.40
501-3,300	0.00%	0.04%	0.00%	0.00%	< 0.00	< 0.00	< 3.00	< 3.00	< 3.00	1000.00		0.50		2.00
3,301-10,000	0.00%	0.00%	0.00%	0.60%	< 0.00	< 0.00	< 3.00	< 3.00	< 3.00	8.00		2.00		3.00
10,001-50,000	0.00%	0.00%	0.00%	0.51%	< 0.00	< 0.00	< 3.00	< 3.00	1.50	800.00	1.50	0.50	1.50	2.50
> 50,000	0.00%	0.00%	0.00%	0.74%	< 0.00	< 0.00	< 3.00	< 3.00	< 3.00	8.00		0.50		2.00
TOTAL	0.00%	0.01%	0.00%	0.29%	< 0.00	< 0.00	< 3.00	< 3.00	4.40	1000.00	1.50	0.50	1.50	3.00

Table D.16.b SDWIS/FED (Round 2) Data- Aldicarb Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.08%	0.00%	0.08%	0.00%	0.00%	0.00%	0.08%	0.00%	0.08%	0.00%	0.00%	0.00%	0.00%
501-3,300	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%
> 50,000														
TOTAL	0.00%	0.07%	0.00%	0.07%	0.00%	0.00%	0.00%	0.07%	0.00%	0.07%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 3.00	< 3.00	< 10.00	4.40		4.40		4.40
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 3.00	< 3.00	< 3.00	< 3.00				
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 3.00	< 3.00	< 3.00	< 3.00				
10,001-50,000		0.00%		0.00%		< 0.0005		< 0.0005		< 0.0005				
> 50,000														
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 3.00	< 3.00	< 4.40	4.40		4.40		4.40

Massachusetts data not included in summary statistics for this contaminant.

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.17.a SDWIS/FED (Round 2) Data- Aldicarb Sulfone Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.04%	0.08%	0.05%	0.09%	0.00%	0.00%	0.00%	0.02%	0.00%	0.02%	0.00%	0.00%	0.00%	0.02%
501-3,300	0.13%	0.33%	0.06%	0.12%	0.43%	1.21%	0.00%	0.03%	0.00%	0.04%	0.00%	0.00%	0.00%	0.03%
3,301-10,000	0.46%	1.57%	0.00%	0.82%	1.21%	2.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.20%	4.41%	0.00%	1.38%	0.38%	6.54%	0.00%	0.14%	0.00%	0.00%	0.00%	0.24%	0.00%	0.00%
> 50,000	0.00%	3.70%	0.00%	0.00%	0.00%	4.86%	0.00%	0.53%	0.00%	0.00%	0.00%	0.69%	0.00%	0.00%
TOTAL	0.11%	0.62%	0.04%	0.19%	0.45%	2.86%	0.00%	0.04%	0.00%	0.02%	0.00%	0.11%	0.00%	0.02%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.02%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	0.74	1100.00	0.40	0.30	0.57	1.37
501-3,300	0.00%	0.04%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	0.65	1000.00	0.10	0.10	0.51	0.51
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	1.14	2.00	0.57	0.50	0.86	1.14
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	0.50	1.00	6.00	1.00	0.30	1.00	0.50
> 50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	0.50	< 2.00	5.00		0.50		0.50
TOTAL	0.00%	0.02%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	1.14	1100.00	0.10	0.10	0.65	0.50

Table D.17.b SDWIS/FED (Round 2) Data- Aldicarb Sulfone Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.03%	0.10%	0.03%	0.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
501-3,300	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%
> 50,000														
TOTAL	0.03%	0.09%	0.03%	0.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	0.70	0.70	0.70	0.30	0.70	0.30
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	< 2.00	< 2.00				
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	< 2.00	< 2.00				
10,001-50,000		0.00%		0.00%		< 0.0005		< 0.0005		< 0.0005				
> 50,000														
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	0.70	0.70	0.70	0.30	0.70	0.30

Massachusetts data not included in summary statistics for this contaminant.

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.18.a SDWIS/FED (Round 2) Data- Aldicarb Sulfoxide Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.02%	0.07%	0.02%	0.07%	0.00%	0.00%	0.00%	0.03%	0.00%	0.03%	0.00%	0.00%	0.00%	0.02%
501-3,300	0.13%	0.30%	0.06%	0.12%	0.43%	1.04%	0.04%	0.07%	0.00%	0.04%	0.22%	0.17%	0.04%	0.07%
3,301-10,000	0.46%	1.47%	0.00%	0.49%	1.21%	3.18%	0.00%	0.21%	0.00%	0.00%	0.00%	0.58%	0.00%	0.00%
10,001-50,000	0.41%	4.71%	0.00%	1.03%	0.77%	7.30%	0.00%	1.28%	0.00%	0.34%	0.00%	1.95%	0.00%	0.43%
> 50,000	0.00%	3.72%	0.00%	0.00%	0.00%	4.90%	0.00%	0.53%	0.00%	0.00%	0.00%	0.70%	0.00%	0.00%
TOTAL	0.11%	0.61%	0.03%	0.14%	0.53%	3.03%	0.01%	0.15%	0.00%	0.04%	0.08%	0.67%	0.01%	0.05%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.02%	0.00%	0.00%	< 0.00	< 0.00	< 4.00	< 4.00	1.90	1100.00	1.90	1.90	1.90	2.00
501-3,300	0.00%	0.04%	0.22%	0.17%	< 0.00	< 0.00	< 4.00	< 4.00	8.80	1000.00	0.71	0.50	1.90	1.40
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 4.00	< 4.00	2.30	500.00	0.41	0.41	0.65	1.90
10,001-50,000	0.00%	0.00%	0.00%	0.73%	< 0.00	< 0.00	< 4.00	0.50	2.00	9000.00	0.41	0.41	1.21	2.00
> 50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 4.00	< 4.40	< 4.00	5.00		0.50		0.90
TOTAL	0.00%	0.02%	0.08%	0.22%	< 0.00	< 0.00	< 4.00	< 4.00	8.80	9000.00	0.41	0.41	1.38	1.95

Table D.18.b SDWIS/FED (Round 2) Data- Aldicarb Sulfoxide Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.08%	0.00%	0.08%	0.00%	0.00%	0.00%	0.08%	0.00%	0.08%	0.00%	0.00%	0.00%	0.00%
501-3,300	0.22%	0.18%	0.24%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%
> 50,000														
TOTAL	0.03%	0.09%	0.03%	0.09%	0.00%	0.00%	0.00%	0.07%	0.00%	0.07%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 4.00	< 4.00	< 10.00	4.40		4.40		4.40
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 4.00	< 4.00	0.40	0.40	0.40	0.40	0.40	0.40
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 4.00	< 4.00	< 4.00	< 4.00				
10,001-50,000		0.00%		0.00%		< 0.0005		< 0.0005		< 0.0005				
> 50,000														
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 4.00	< 4.00	4.40	4.40	0.40	0.40	0.40	4.40

Massachusetts data not included in summary statistics for this contaminant.

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.19.a SDWIS/FED (Round 2) Data- Aldrin Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.07%	0.00%	0.07%	0.00%	0.00%	0.00%	0.07%	0.00%	0.07%	0.00%	0.00%	0.00%	0.07%
501-3,300	0.00%	0.25%	0.00%	0.27%	0.00%	0.17%	0.00%	0.25%	0.00%	0.27%	0.00%	0.17%	0.00%	0.25%
3,301-10,000	0.29%	0.54%	0.51%	0.53%	0.00%	0.55%	0.29%	0.54%	0.51%	0.53%	0.00%	0.55%	0.29%	0.54%
10,001-50,000	0.00%	1.36%	0.00%	1.06%	0.00%	1.60%	0.00%	1.36%	0.00%	1.06%	0.00%	1.60%	0.00%	1.36%
> 50,000	0.00%	0.58%	0.00%	0.00%	0.00%	0.78%	0.00%	0.58%	0.00%	0.00%	0.00%	0.78%	0.00%	0.58%
TOTAL	0.02%	0.25%	0.03%	0.19%	0.00%	0.57%	0.02%	0.25%	0.03%	0.19%	0.00%	0.57%	0.02%	0.25%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.07%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	< 30.00	0.21		0.10		0.16
501-3,300	0.00%	0.27%	0.00%	0.17%	< 0.00	< 0.00	< 30.00	< 30.00	< 50.00	0.68		0.09		0.11
3,301-10,000	0.51%	0.53%	0.00%	0.55%	< 0.00	< 0.00	< 2.00	< 1.00	0.69	0.69	0.46	0.17	0.58	0.46
10,001-50,000	0.00%	1.06%	0.00%	1.60%	< 0.00	< 0.00	< 2.00	2.00	< 30.00	0.18		0.07		0.17
> 50,000	0.00%	0.00%	0.00%	0.78%	< 0.00	< 0.00	< 2.00	2.00	< 30.00	0.43		0.07		0.41
TOTAL	0.03%	0.19%	0.00%	0.57%	< 0.00	< 0.00	< 2.00	< 1.00	< 4.40	4.40	0.46	0.07	0.58	0.16

Table D.19.b SDWIS/FED (Round 2) Data- Aldrin Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.14%	0.00%	0.15%	0.00%	0.00%	0.00%	0.14%	0.00%	0.15%	0.00%	0.00%	0.00%	0.14%
501-3,300	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000		0.00%		0.00%		0.00%		0.00%		0.00%	0.00%	0.00%		0.00%
> 50,000														
TOTAL	0.00%	0.12%	0.00%	0.13%	0.00%	0.00%	0.00%	0.12%	0.00%	0.13%	0.00%	0.00%	0.00%	0.12%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.15%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	< 30.00	0.10		0.10		0.84
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 30.00	< 2.00	< 30.00	< 30.00				
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.20	< 0.20	< 0.20	< 0.20				
10,001-50,000		0.00%		0.00%		< 0.00		< 0.00		< 0.00				
> 50,000														
TOTAL	0.00%	0.13%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 1.00	< 4.40	4.40		0.10		0.84

Massachusetts data not included in summary statistics for this contaminant.

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.20.a SDWIS/FED (Round 2) Data- Dieldrin Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.07%	0.09%	0.07%	0.09%	0.00%	0.00%	0.07%	0.09%	0.07%	0.09%	0.00%	0.00%	0.07%	0.09%
501-3,300	0.00%	0.11%	0.00%	0.09%	0.00%	0.18%	0.00%	0.11%	0.00%	0.09%	0.00%	0.18%	0.00%	0.11%
3,301-10,000	0.16%	0.23%	0.00%	0.18%	0.40%	0.32%	0.16%	0.23%	0.00%	0.18%	0.40%	0.32%	0.16%	0.23%
10,001-50,000	0.21%	1.27%	0.45%	1.08%	0.00%	1.42%	0.21%	1.27%	0.45%	1.08%	0.00%	1.42%	0.21%	1.27%
> 50,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	0.06%	0.18%	0.06%	0.13%	0.08%	0.44%	0.06%	0.18%	0.06%	0.13%	0.08%	0.44%	0.06%	0.18%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.07%	0.09%	0.00%	0.00%	< 0.00	< 0.00	< 0.20	< 0.20	0.08	0.10	0.02	0.02	0.05	0.08
501-3,300	0.00%	0.09%	0.00%	0.18%	< 0.00	< 0.00	< 20.00	< 1.00	< 50.00	0.04		0.01		0.02
3,301-10,000	0.00%	0.18%	0.40%	0.32%	< 0.00	< 0.00	< 20.00	< 0.20	0.09	0.10	0.09	0.09	0.09	0.10
10,001-50,000	0.45%	1.08%	0.00%	1.42%	< 0.00	< 0.00	< 20.00	0.88	0.10	0.10	0.10	0.01	0.10	1.65
> 50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.30	< 0.30	20.00	20.00				
TOTAL	0.06%	0.13%	0.08%	0.44%	< 0.00	< 0.00	< 1.00	< 0.30	4.40	4.40	0.02	0.01	0.08	0.08

Table D.20.b SDWIS/FED (Round 2) Data- Dieldrin Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.09%	0.24%	0.09%	0.25%	0.00%	0.00%	0.09%	0.24%	0.09%	0.25%	0.00%	0.00%	0.09%	0.24%
501-3,300	0.40%	0.33%	0.43%	0.36%	0.00%	0.00%	0.40%	0.33%	0.43%	0.36%	0.00%	0.00%	0.40%	0.33%
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%
> 50,000														
TOTAL	0.12%	0.25%	0.13%	0.26%	0.00%	0.00%	0.12%	0.25%	0.13%	0.26%	0.00%	0.00%	0.12%	0.25%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.09%	0.25%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 0.20	1.36	1.36	0.02	0.02	0.18	0.20
501-3,300	0.43%	0.36%	0.00%	0.00%	< 0.00	< 0.00	< 20.00	< 1.00	0.35	0.35	0.20	0.20	0.27	0.27
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.20	< 0.20	< 0.20	< 0.20				
10,001-50,000		0.00%		0.00%		< 0.00		< 0.00		< 0.00				
> 50,000														
TOTAL	0.13%	0.26%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	4.40	4.40	0.02	0.02	0.20	0.20

Massachusetts data not included in summary statistics for this contaminant.

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.21.a SDWIS/FED (Round 2) Data- Metolachlor Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.25%	0.39%	0.09%	0.25%	3.29%	2.99%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
501-3,300	1.40%	1.57%	0.06%	0.35%	6.36%	5.92%	0.00%	0.04%	0.00%	0.05%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	3.13%	2.94%	0.52%	0.44%	7.17%	6.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	5.70%	7.95%	1.75%	3.19%	9.16%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000	7.41%	10.40%	0.00%	0.00%	10.10%	13.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	1.23%	1.59%	0.16%	0.38%	6.78%	7.31%	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 5.00	< 5.00	3.00	3.00	0.10	0.10	0.66	0.95
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 5.00	< 5.00	13.80	40.00	0.11	0.11	0.80	1.00
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.02	< 5.00	7.10	7.10	0.02	0.02	0.31	0.53
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	0.23	1.00	10.10	10.10	0.01	0.01	0.54	1.00
> 50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	0.10	0.61	4.60	4.60	0.10	0.10	0.40	0.84
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	5.00	5.00	13.80	40.00	0.01	0.01	0.63	1.00

Table D.21.b SDWIS/FED (Round 2) Data- Metolachlor Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.02%	0.26%	0.02%	0.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
501-3,300	1.02%	1.30%	0.18%	0.62%	13.89%	10.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%
> 50,000														
TOTAL	0.15%	0.40%	0.04%	0.31%	4.07%	3.42%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 5.00	< 5.00	2.00	3.00	0.50	0.10	0.75	1.00
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	5.00	0.20	1.07	3.00	0.10	0.10	0.20	0.85
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 5.00	< 5.00	< 5.00	< 5.00				
10,001-50,000		0.00%		0.00%		< 0.0001		< 0.0001		< 0.0001				
> 50,000														
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 5.00	< 5.00	2.00	3.00	0.10	0.10	0.50	0.90

Massachusetts data not included in summary statistics for this contaminant.

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.22.a SDWIS/FED (Round 2) Data- Metribuzin Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.02%	0.09%	0.02%	0.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
501-3,300	0.00%	0.15%	0.00%	0.05%	0.00%	0.49%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	0.00%	0.23%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.00%	2.49%	0.00%	0.76%	0.00%	3.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000	0.00%	2.79%	0.00%	0.00%	0.00%	3.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	0.01%	0.33%	0.01%	0.10%	0.00%	1.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	0.10	3.00	0.10	0.10	0.10	1.00
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	< 50.00	3.00		1.00		1.00
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	< 100.00	3.00		1.00		1.00
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 10.00	< 10.00	3.00		1.00		1.05
> 50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	< 10.00	3.00		1.00		1.00
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	2.00	3.00	0.10	0.10	0.10	1.00

Table D.22.b SDWIS/FED (Round 2) Data- Metribuzin Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.15%	0.00%	0.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
501-3,300	0.00%	0.43%	0.00%	0.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%
> 50,000														
TOTAL	0.00%	0.18%	0.00%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	< 1010.00	3.00		0.10		1.00
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	< 10.00	3.00		1.00		1.00
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	< 2.00	< 2.00				
10,001-50,000		0.00%		0.00%		< 0.00		< 0.0002		< 0.0002				
> 50,000														
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	< 1.10	3.00		0.10		1.00

Massachusetts data not included in summary statistics for this contaminant.

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.23.a SDWIS/FED (Round 2) Data- Bromobenzene Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.12%	0.11%	0.12%	0.11%	0.19%	0.17%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Bromobenzene.							
501-3,300	0.11%	0.10%	0.14%	0.12%	0.00%	0.00%								
3,301-10,000	0.30%	0.25%	0.24%	0.19%	0.43%	0.37%								
10,001-50,000	0.12%	0.20%	0.26%	0.44%	0.00%	0.00%								
> 50,000	0.52%	0.43%	0.00%	0.00%	0.70%	0.56%								
TOTAL	0.14%	0.13%	0.14%	0.12%	0.16%	0.14%								

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	No HRL				< 0.00	< 0.00	< 1.00	< 1.00	0.80	0.80	0.05	0.05	0.50	0.50
501-3,300					< 0.00	< 0.00	< 1.00	< 1.00	4.69	4.69	0.50	0.50	0.69	0.69
3,301-10,000					< 0.00	< 0.00	< 1.00	< 1.00	4.20	4.20	0.50	0.50	2.10	2.10
10,001-50,000					< 0.00	< 0.00	< 1.00	< 1.00	1.50	1.50	0.53	0.50	0.80	0.67
> 50,000					< 0.00	< 0.00	< 1.00	< 1.00	0.50	0.50	0.50	0.50	0.50	0.50
TOTAL					< 0.00	< 0.00	< 1.00	< 1.00	4.69	4.69	0.05	0.05	0.50	0.50

Table D.23.b SDWIS/FED (Round 2) Data- Bromobenzene Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.10%	0.09%	0.09%	0.08%	0.61%	0.56%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for Bromobenzene.							
501-3,300	0.11%	0.10%	0.00%	0.00%	1.82%	1.39%								
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%								
10,001-50,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%								
> 50,000														
TOTAL	0.10%	0.09%	0.07%	0.07%	0.89%	0.77%								

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	No HRL				< 0.00	< 0.00	< 1.00	< 1.00	2.10	2.10	0.10	0.10	1.05	1.05
501-3,300					< 0.00	< 0.00	< 1.00	< 1.00	0.60	0.60	0.60	0.60	0.60	0.60
3,301-10,000					< 0.00	< 0.00	< 1.00	< 1.00	< 1.00	< 1.00				
10,001-50,000					< 0.00	< 0.00	< 1.00	< 1.00	< 1.00	< 1.00				
> 50,000														
TOTAL					< 0.00	< 0.00	< 1.00	< 1.00	2.10	2.10	0.10	0.10	0.60	1.05

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.24.a SDWIS/FED (Round 2) Data- Bromodichloromethane Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	16.29%	15.28%	13.91%	13.08%	59.93%	57.48%	0.28%	0.26%	0.12%	0.11%	3.15%	3.06%	0.07%	0.07%
501-3,300	33.67%	31.30%	25.22%	23.56%	68.45%	66.24%	1.11%	0.99%	0.26%	0.21%	4.63%	4.49%	0.07%	0.10%
3,301-10,000	44.54%	42.79%	29.84%	28.29%	70.58%	70.43%	2.38%	1.97%	0.36%	0.38%	5.97%	5.02%	0.23%	0.18%
10,001-50,000	64.16%	62.71%	50.39%	48.54%	74.95%	74.24%	1.37%	1.21%	1.30%	1.04%	1.43%	1.36%	0.23%	0.19%
> 50,000	70.62%	67.59%	67.35%	61.90%	71.72%	69.47%	2.58%	2.77%	4.08%	4.76%	2.07%	2.11%	0.52%	0.40%
TOTAL	25.86%	24.84%	18.63%	17.78%	68.48%	67.12%	0.73%	0.67%	0.21%	0.20%	3.78%	3.49%	0.09%	0.09%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.05%	0.04%	0.37%	0.51%	< 0.00	< 0.00	14.60	14.00	111.00	7200.00	0.00	0.00	1.90	1.90
501-3,300	0.06%	0.05%	0.12%	0.32%	< 0.00	< 0.00	23.90	22.80	717.50	2000.00	0.00	0.00	3.56	3.30
3,301-10,000	0.12%	0.09%	0.43%	0.36%	< 0.00	< 0.00	25.20	24.00	5000.00	5000.00	0.00	0.00	4.13	3.80
10,001-50,000	0.26%	0.21%	0.20%	0.17%	< 0.00	< 0.00	18.70	18.00	69.80	69.80	0.00	0.00	3.50	3.16
> 50,000	0.00%	0.00%	0.69%	0.53%	< 0.00	< 0.00	17.80	18.20	3739.00	3739.00	0.00	0.00	1.60	2.50
TOTAL	0.06%	0.05%	0.28%	0.35%	< 0.00	< 0.00	20.40	19.40	5000.00	7200.00	0.00	0.00	2.93	1.90

Table D.24.b SDWIS/FED (Round 2) Data- Bromodichloromethane Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	11.20%	10.76%	9.98%	9.57%	54.72%	52.49%	0.21%	0.20%	0.18%	0.17%	1.26%	1.10%	0.03%	0.03%
501-3,300	17.14%	17.56%	13.99%	13.84%	62.96%	63.89%	0.48%	0.52%	0.51%	0.56%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	42.11%	38.10%	35.71%	31.25%	60.00%	60.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.00%	20.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	12.03%	11.72%	10.52%	10.15%	56.62%	55.60%	0.24%	0.24%	0.22%	0.22%	0.91%	0.77%	0.03%	0.03%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.02%	0.02%	0.63%	0.55%	< 0.00	< 0.00	9.30	9.10	68.20	68.20	0.01	0.00	2.00	2.00
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	12.00	12.70	49.90	55.00	0.10	0.10	1.90	1.90
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	5.50	5.50	5.50	5.50	0.30	0.30	1.75	1.75
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.50	0.77	< 0.50	0.77		0.77		0.77
> 50,000														
TOTAL	0.02%	0.01%	0.46%	0.39%	< 0.00	< 0.00	9.69	9.70	68.20	68.20	0.01	0.00	2.00	2.00

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.25.a SDWIS/FED (Round 2) Data- Bromoform Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	8.39%	7.59%	8.10%	7.31%	13.75%	12.84%	0.02%	0.02%	0.00%	0.00%	0.37%	0.34%	0.00%	0.00%
501-3,300	13.94%	12.98%	13.71%	12.78%	14.86%	13.89%	0.00%	0.02%	0.00%	0.00%	0.00%	0.11%	0.00%	0.02%
3,301-10,000	17.52%	16.83%	17.01%	16.11%	18.42%	18.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	25.09%	23.94%	34.46%	33.40%	17.63%	16.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000	25.52%	28.40%	48.98%	46.77%	17.48%	22.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	11.51%	10.82%	10.75%	10.05%	15.99%	15.50%	0.01%	0.02%	0.00%	0.00%	0.08%	0.11%	0.00%	0.01%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	5.00	4.10	220.00	220.00	0.00	0.00	1.30	0.00
501-3,300	0.00%	0.00%	0.00%	0.11%	< 0.00	< 0.00	7.10	6.76	118.00	800.00	0.00	0.00	1.50	0.00
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	6.10	5.81	98.90	98.90	0.10	0.10	1.34	0.10
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	10.70	9.80	61.60	61.60	0.00	0.00	1.40	0.00
> 50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	3.10	3.40	20.00	37.00	0.10	0.10	1.00	0.10
TOTAL	0.00%	0.00%	0.00%	0.04%	< 0.00	< 0.00	6.79	6.20	220.00	800.00	0.00	0.00	1.40	1.40

Table D.25.b SDWIS/FED (Round 2) Data- Bromoform Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	6.20%	5.68%	5.84%	5.36%	18.99%	17.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
501-3,300	10.26%	9.69%	9.57%	9.12%	20.37%	16.90%	0.12%	0.10%	0.13%	0.11%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	5.26%	4.55%	7.14%	6.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.00%	20.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	6.70%	6.20%	6.30%	5.84%	18.81%	16.54%	0.01%	0.01%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	5.50	4.90	130.00	130.00	0.10	0.10	1.70	1.70
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	4.50	5.00	294.40	294.40	0.10	0.10	1.40	1.50
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	0.58	0.58	0.90	0.90	0.58	0.58	0.74	0.74
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.50	0.69	< 0.50	0.69		0.69		0.69
> 50,000														
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	5.00	4.90	294.40	294.40	0.10	0.10	1.60	1.70

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.26.a SDWIS/FED (Round 2) Data- Chloroform Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	21.37%	20.00%	18.96%	17.75%	65.18%	63.08%	0.19%	0.18%	0.06%	0.05%	2.61%	2.56%	0.02%	0.03%
501-3,300	37.94%	35.98%	29.51%	28.21%	72.24%	70.58%	0.32%	0.31%	0.00%	0.02%	1.65%	1.57%	0.05%	0.06%
3,301-10,000	50.08%	48.15%	37.45%	35.54%	72.40%	72.47%	0.61%	0.49%	0.12%	0.09%	1.49%	1.24%	0.15%	0.12%
10,001-50,000	67.54%	65.86%	56.59%	53.81%	76.17%	75.67%	0.34%	0.28%	0.26%	0.21%	0.41%	0.34%	0.11%	0.09%
> 50,000	73.60%	72.39%	71.43%	69.57%	74.32%	73.37%	0.51%	0.37%	0.00%	0.00%	0.68%	0.50%	0.00%	0.00%
TOTAL	30.74%	29.66%	23.71%	22.71%	71.65%	70.67%	0.27%	0.24%	0.06%	0.05%	1.52%	1.38%	0.04%	0.04%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.37%	0.51%	< 0.00	< 0.00	94.20	86.00	683.00	14400.00	0.00	0.00	2.20	2.30
501-3,300	0.00%	0.00%	0.24%	0.31%	< 0.00	< 0.00	161.00	153.00	1280.00	2000.00	0.00	0.00	6.80	6.50
3,301-10,000	0.12%	0.09%	0.21%	0.18%	< 0.00	< 0.00	121.00	112.00	27000.00	27000.00	0.00	0.00	9.20	8.20
10,001-50,000	0.00%	0.00%	0.20%	0.17%	< 0.00	< 0.00	98.10	91.00	933.00	933.00	0.01	0.01	5.40	5.20
> 50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	66.00	68.00	441.40	441.40	0.00	0.00	2.90	4.63
TOTAL	0.01%	0.01%	0.24%	0.28%	< 0.00	< 0.00	122.00	113.00	27000.00	27000.00	0.00	0.00	4.50	2.30

Table D.26.b SDWIS/FED (Round 2) Data- Chloroform Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	18.17%	17.33%	17.07%	16.25%	57.23%	55.25%	0.07%	0.08%	0.05%	0.06%	0.63%	0.55%	0.03%	0.03%
501-3,300	24.26%	24.74%	21.60%	21.66%	62.96%	63.01%	0.24%	0.20%	0.13%	0.11%	1.85%	1.37%	0.00%	0.00%
3,301-10,000	36.84%	38.10%	35.71%	37.50%	40.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.00%	20.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	18.98%	18.35%	17.66%	16.97%	57.99%	56.92%	0.09%	0.09%	0.06%	0.07%	0.91%	0.77%	0.03%	0.03%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.02%	0.02%	0.63%	0.55%	< 0.00	<	43.20	41.00	1200.00	1200.00	0.03	0.00	2.00	2.08
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	<	54.00	51.00	530.00	530.00	0.10	0.10	2.20	2.40
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	<	95.00	95.00	97.00	97.00	0.40	0.40	1.75	1.30
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	<	< 0.50	1.00	< 0.50	1.00		1.00		1.00
> 50,000														
TOTAL	0.02%	0.01%	0.46%	0.38%	< 0.00	< 0.00	45.80	43.20	1200.00	1200.00	0.03	0.00	2.00	2.08

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.27.a SDWIS/FED (Round 2) Data- Chloromethane Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	1.92%	1.72%	1.83%	1.64%	3.73%	3.44%	1.09%	0.97%	1.03%	0.91%	2.35%	2.17%	0.56%	0.49%
501-3,300	3.11%	2.90%	3.03%	2.81%	3.47%	3.33%	1.47%	1.30%	1.43%	1.26%	1.67%	1.49%	0.88%	0.76%
3,301-10,000	2.37%	2.13%	2.07%	1.85%	2.96%	2.72%	1.14%	0.93%	1.10%	0.88%	1.23%	1.05%	0.49%	0.40%
10,001-50,000	3.88%	3.55%	4.27%	4.24%	3.53%	2.95%	1.50%	1.25%	1.60%	1.34%	1.41%	1.18%	0.25%	0.21%
> 50,000	4.86%	4.37%	4.08%	5.08%	5.15%	4.12%	2.16%	1.75%	0.00%	0.00%	2.94%	2.35%	0.54%	0.44%
TOTAL	2.37%	2.17%	2.19%	2.02%	3.55%	3.21%	1.22%	1.07%	1.14%	1.00%	1.77%	1.55%	0.62%	0.54%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.53%	0.47%	0.98%	0.90%	< 0.00	< 0.00	2.50	2.50	312.00	312.00	0.00	0.00	1.76	1.68
501-3,300	0.82%	0.70%	1.16%	1.03%	< 0.00	< 0.00	0.61	0.54	22.90	29.00	0.00	0.00	1.34	1.21
3,301-10,000	0.49%	0.39%	0.49%	0.42%	< 0.00	< 0.00	2.50	2.50	28.50	28.50	0.01	0.01	1.19	1.02
10,001-50,000	0.53%	0.45%	0.00%	0.00%	< 0.00	< 0.00	2.50	2.50	84.00	84.00	0.00	0.00	0.88	0.85
> 50,000	0.00%	0.00%	0.74%	0.59%	< 0.00	< 0.00	2.00	2.00	22.30	22.30	0.00	0.00	0.60	0.60
TOTAL	0.60%	0.52%	0.75%	0.66%	< 0.00	< 0.00	2.50	2.50	312.00	312.00	0.00	0.00	1.43	1.35

Table D.27.b SDWIS/FED (Round 2) Data- Chloromethane Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	1.91%	1.76%	1.69%	1.56%	10.79%	9.62%	0.99%	0.90%	0.89%	0.81%	5.04%	4.49%	0.47%	0.42%
501-3,300	1.92%	1.79%	1.65%	1.58%	6.25%	4.62%	0.60%	0.63%	0.51%	0.56%	2.08%	1.54%	0.48%	0.42%
3,301-10,000	10.53%	9.09%	0.00%	0.00%	40.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	1.93%	1.78%	1.68%	1.56%	10.36%	8.77%	0.94%	0.86%	0.84%	0.78%	4.15%	3.51%	0.47%	0.42%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.46%	0.41%	0.72%	0.64%	< 0.00	< 0.00	2.50	2.50	22.80	22.80	0.10	0.10	1.60	1.60
501-3,300	0.38%	0.34%	2.08%	1.54%	< 0.00	< 0.00	2.50	2.50	29.10	29.10	0.20	0.20	0.95	1.10
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	< 2.00	< 2.00				
> 50,000														
TOTAL	0.45%	0.40%	1.04%	0.88%	< 0.00	< 0.00	2.50	2.50	29.10	29.10	0.10	0.10	1.40	1.40

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.28.a SDWIS/FED (Round 2) Data- Dibromochloromethane Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	13.77%	12.72%	12.40%	11.46%	38.78%	36.82%	0.20%	0.18%	0.10%	0.09%	2.04%	1.88%	0.07%	0.06%
501-3,300	27.85%	25.63%	22.68%	21.07%	49.28%	46.38%	0.51%	0.49%	0.29%	0.29%	1.44%	1.41%	0.09%	0.10%
3,301-10,000	36.78%	34.68%	27.11%	25.45%	53.96%	52.36%	0.93%	0.81%	0.24%	0.28%	2.14%	1.81%	0.08%	0.06%
10,001-50,000	51.03%	49.76%	46.88%	44.82%	54.30%	53.78%	0.92%	1.04%	1.56%	1.69%	0.41%	0.52%	0.11%	0.09%
> 50,000	57.73%	56.00%	65.31%	60.32%	55.17%	54.55%	0.52%	0.80%	0.00%	1.59%	0.69%	0.53%	0.00%	0.00%
TOTAL	21.48%	20.35%	16.77%	15.81%	49.21%	47.63%	0.38%	0.36%	0.19%	0.20%	1.46%	1.34%	0.08%	0.07%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.04%	0.04%	0.56%	0.51%	< 0.00	< 0.00	7.10	6.50	200.00	200.00	0.00	0.00	1.30	1.30
501-3,300	0.06%	0.05%	0.24%	0.32%	< 0.00	< 0.00	10.50	9.80	111.00	4000.00	0.00	0.00	1.65	1.60
3,301-10,000	0.00%	0.00%	0.21%	0.18%	< 0.00	< 0.00	14.60	13.00	89.00	89.00	0.05	0.05	1.80	1.70
10,001-50,000	0.00%	0.00%	0.20%	0.17%	< 0.00	< 0.00	11.60	11.10	82.00	82.00	0.00	0.00	2.00	1.90
> 50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	9.40	10.90	30.34	57.70	0.00	0.00	1.70	1.80
TOTAL	0.04%	0.04%	0.28%	0.28%	< 0.00	< 0.00	10.50	9.90	200.00	4000.00	0.00	0.00	1.70	1.30

Table D.28.b SDWIS/FED (Round 2) Data- Dibromochloromethane Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	9.68%	9.02%	8.93%	8.30%	36.71%	34.44%	0.22%	0.23%	0.18%	0.19%	1.90%	1.67%	0.05%	0.06%
501-3,300	15.56%	15.19%	14.09%	13.18%	37.04%	39.73%	0.48%	0.41%	0.51%	0.45%	0.00%	0.00%	0.24%	0.21%
3,301-10,000	31.58%	28.57%	21.43%	18.75%	60.00%	60.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.00%	20.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	10.47%	9.87%	9.58%	8.93%	37.16%	36.29%	0.25%	0.25%	0.22%	0.22%	1.38%	1.16%	0.07%	0.08%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.04%	0.05%	0.63%	0.56%	< 0.00	< 0.00	6.50	6.30	700.00	1500.00	0.00	0.00	1.70	1.70
501-3,300	0.25%	0.22%	0.00%	0.00%	< 0.00	< 0.00	7.20	8.00	126.00	126.00	0.10	0.10	2.00	2.00
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	1.70	1.70	1.80	1.80	0.30	0.30	0.80	0.80
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.50	0.67	< 0.50	0.67		0.67		0.67
> 50,000														
TOTAL	0.06%	0.07%	0.46%	0.39%	< 0.00	< 0.00	6.60	6.78	700.00	1500.00	0.00	0.00	1.76	1.70

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.29.a URCIS (Round 1) Data- 1,1-Dichloroethane Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.33%	0.29%	0.33%	0.29%	0.37%	0.34%	0.06%	0.07%	0.05%	0.07%	0.18%	0.17%	0.02%	0.03%
501-3,300	0.52%	0.50%	0.50%	0.49%	0.60%	0.54%	0.05%	0.10%	0.06%	0.09%	0.00%	0.11%	0.00%	0.02%
3,301-10,000	1.74%	1.44%	2.12%	1.71%	1.06%	0.92%	0.38%	0.38%	0.59%	0.57%	0.00%	0.00%	0.23%	0.31%
10,001-50,000	3.36%	3.54%	4.63%	5.01%	2.33%	2.33%	0.93%	1.38%	1.29%	1.96%	0.63%	0.90%	0.70%	0.88%
> 50,000	4.15%	5.00%	8.16%	11.67%	2.78%	2.78%	1.04%	1.25%	4.08%	5.00%	0.00%	0.00%	0.52%	0.83%
TOTAL	0.68%	0.66%	0.61%	0.59%	1.09%	1.07%	0.13%	0.18%	0.13%	0.17%	0.16%	0.25%	0.07%	0.10%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.02%	0.03%	0.00%	0.17%	< 0.00	< 0.00	< 1.00	< 1.00	7.50	7.50	0.10	0.10	0.80	0.80
501-3,300	0.00%	0.02%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	3.40	3.40	0.00	0.00	1.03	1.03
3,301-10,000	0.35%	0.48%	0.00%	0.00%	< 0.00	< 0.00	1.00	0.60	10.60	10.60	0.20	0.20	1.50	1.50
10,001-50,000	0.77%	1.09%	0.63%	0.72%	< 0.00	< 0.00	0.60	0.60	159.00	159.00	0.10	0.00	1.00	0.90
> 50,000	2.04%	3.33%	0.00%	0.00%	< 0.00	< 0.00	1.00	1.00	6.00	6.00	0.20	0.20	0.60	0.70
TOTAL	0.06%	0.09%	0.12%	0.18%	< 0.00	< 0.00	< 1.00	< 1.00	159.00	159.00	0.00	0.00	1.10	1.02

Table D.29.b URCIS (Round 1) Data- 1,1-Dichloroethane Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.92%	0.87%	0.81%	0.76%	4.91%	5.00%	0.18%	0.25%	0.18%	0.25%	0.00%	0.00%	0.10%	0.16%
501-3,300	0.85%	0.85%	0.79%	0.81%	1.82%	1.39%	0.21%	0.56%	0.22%	0.50%	0.00%	1.39%	0.11%	0.19%
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	0.90%	0.86%	0.80%	0.76%	4.02%	3.86%	0.18%	0.29%	0.19%	0.28%	0.00%	0.39%	0.10%	0.16%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]	24 [1]	ALL [2]
≤ 500	0.10%	0.16%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	100.00	100.00	0.20	0.10	0.92	0.91
501-3,300	0.11%	0.20%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	11.00	11.00	0.30	0.30	1.20	1.20
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	< 1.00	< 1.00				
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	< 1.00	< 1.00				
> 50,000														
TOTAL	0.10%	0.17%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	100.00	100.00	0.20	0.10	1.00	1.00

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.30.a SDWIS/FED (Round 2) Data- 1,3- Dichloropropene Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.22%	0.19%	0.23%	0.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
501-3,300	0.69%	0.58%	0.75%	0.62%	0.41%	0.37%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	1.44%	1.24%	1.40%	1.08%	1.52%	1.58%	0.13%	0.10%	0.20%	0.15%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.99%	0.85%	1.40%	1.19%	0.63%	0.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	0.46%	0.40%	0.44%	0.38%	0.54%	0.53%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	0.50	1.20	1.20	0.20	0.20	0.50	0.50
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.50	0.50	0.90	0.90	0.20	0.20	0.35	0.35
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	0.50	0.50	39.00	39.00	0.20	0.20	0.50	0.50
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	1.00	1.10	1.10	0.20	0.20	0.50	0.50
> 50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	1.00	< 1.00	< 1.00				
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 0.50	39.00	39.00	0.20	0.20	0.50	0.50

Table D.30.b SDWIS/FED (Round 2) Data- 1,3- Dichloropropene Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.10%	0.09%	0.08%	0.08%	1.18%	1.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
501-3,300	0.40%	0.37%	0.28%	0.26%	3.13%	2.70%	0.13%	0.12%	0.14%	0.13%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	0.14%	0.13%	0.11%	0.10%	1.65%	1.44%	0.02%	0.02%	0.02%	0.02%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.50	< 0.50	1.40	1.40	0.20	0.20	0.40	0.40
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	22.00	22.00	0.40	0.40	0.80	0.80
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.50	< 0.50	< 0.50	< 0.50				
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.00	< 0.00	< 0.00	< 0.00				
> 50,000														
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 0.50	< 0.50	22.00	22.00	0.20	0.20	0.70	0.40

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.31.a SDWIS/FED (Round 2) Data- Hexachlorobutadiene Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.27%	0.25%	0.19%	0.18%	1.86%	1.82%	0.07%	0.07%	0.05%	0.05%	0.41%	0.40%	0.02%	0.02%
501-3,300	0.12%	0.13%	0.12%	0.13%	0.14%	0.13%	0.10%	0.11%	0.12%	0.13%	0.00%	0.00%	0.02%	0.02%
3,301-10,000	0.16%	0.14%	0.12%	0.10%	0.25%	0.23%	0.16%	0.14%	0.12%	0.10%	0.25%	0.23%	0.00%	0.00%
10,001-50,000	0.38%	0.34%	0.27%	0.23%	0.49%	0.44%	0.26%	0.23%	0.27%	0.23%	0.24%	0.22%	0.00%	0.00%
> 50,000	0.55%	0.47%	0.00%	0.00%	0.74%	0.64%	0.55%	0.47%	0.00%	0.00%	0.74%	0.64%	0.00%	0.00%
TOTAL	0.23%	0.22%	0.17%	0.16%	0.65%	0.61%	0.10%	0.09%	0.08%	0.08%	0.23%	0.22%	0.02%	0.02%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.01%	0.01%	0.21%	0.20%	< 0.00	< 0.00	< 1.00	< 1.00	1.50	1.50	0.10	0.10	0.20	0.20
501-3,300	0.03%	0.03%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	1.06	1.06	0.20	0.20	0.50	0.50
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	0.50	0.50	0.50	0.50	0.50	0.50
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	0.80	0.80	0.20	0.20	0.50	0.50
> 50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	0.60	0.60	0.60	0.60	0.60	0.60
TOTAL	0.01%	0.01%	0.05%	0.04%	< 0.00	< 0.00	< 1.00	< 1.00	1.50	1.50	0.10	0.10	0.30	0.20

Table D.31.b SDWIS/FED (Round 2) Data- Hexachlorobutadiene Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.05%	0.05%	0.05%	0.05%	0.00%	0.00%	0.04%	0.03%	0.04%	0.03%	0.00%	0.00%	0.02%	0.02%
501-3,300	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	0.05%	0.04%	0.05%	0.04%	0.00%	0.00%	0.03%	0.03%	0.03%	0.03%	0.00%	0.00%	0.02%	0.01%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.02%	0.02%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	1.40	1.40	0.10	0.10	0.50	0.50
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	< 1.00	< 1.00				
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	< 1.00	< 1.00				
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	< 1.00	< 1.00				
> 50,000														
TOTAL	0.02%	0.01%	0.00%	0.00%	< 0.00	< 0.00	< 1.00	< 1.00	1.40	1.40	0.10	0.10	0.50	0.50

New Hampshire data not included in summary statistics for this contaminant.

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.32.a SDWIS/FED (Round 2) Data- Naphthalene Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.76%	0.70%	0.67%	0.62%	2.47%	2.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
501-3,300	0.50%	0.54%	0.43%	0.47%	0.80%	0.89%	0.02%	0.02%	0.03%	0.02%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	1.36%	1.23%	0.84%	0.80%	2.38%	2.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	2.28%	2.25%	1.59%	1.61%	2.91%	2.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000	3.85%	3.76%	2.17%	3.64%	4.41%	3.80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	0.84%	0.81%	0.65%	0.63%	2.09%	2.04%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	18.00	18.00	0.07	0.07	0.80	0.80
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	80.00	80.00	0.10	0.10	0.95	0.90
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	2.00	2.00	2.00	2.00	0.09	0.09	0.51	0.53
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	2.00	2.00	5.00	5.00	0.08	0.08	0.60	0.61
> 50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	1.00	1.00	1.30	1.30	0.10	0.10	0.32	0.34
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	80.00	80.00	0.07	0.07	0.68	0.80

Table D.32.b SDWIS/FED (Round 2) Data- Naphthalene Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.53%	0.51%	0.54%	0.52%	0.00%	0.00%	0.02%	0.02%	0.02%	0.02%	0.00%	0.00%	0.00%	0.00%
501-3,300	0.45%	0.42%	0.48%	0.45%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10,001-50,000	33.33%	25.00%	50.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 50,000														
TOTAL	0.53%	0.51%	0.55%	0.52%	0.00%	0.00%	0.02%	0.01%	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	90.00	90.00	0.10	0.10	0.94	0.94
501-3,300	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	0.80	0.80	0.50	0.50	0.70	0.70
3,301-10,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	< 2.00	< 2.00	3.00	3.00	3.00	3.00
10,001-50,000	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	3.00	3.00	3.00	3.00				
> 50,000														
TOTAL	0.00%	0.00%	0.00%	0.00%	< 0.00	< 0.00	< 2.00	< 2.00	90.00	90.00	0.10	0.10	0.90	0.94

New Hampshire data not included in summary statistics for this contaminant.

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.

Table D.33.a SDWIS/FED (Round 2) Data- p-Isopropyltoluene Occurrence in Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.16%	0.15%	0.15%	0.14%	0.42%	0.41%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for p-Isopropyltoluene.							
501-3,300	0.12%	0.13%	0.12%	0.10%	0.14%	0.27%								
3,301-10,000	0.25%	0.21%	0.12%	0.10%	0.51%	0.47%								
10,001-50,000	0.39%	0.35%	0.53%	0.47%	0.25%	0.23%								
> 50,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%								
TOTAL	0.17%	0.16%	0.15%	0.14%	0.28%	0.31%								

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	No HRL				< 0.00	< 0.00	< 2.00	< 2.00	1.70	1.70	0.10	0.10	0.40	0.40
501-3,300					< 0.00	< 0.00	< 2.00	< 2.00	0.50	0.50	0.10	0.10	0.50	0.50
3,301-10,000					< 0.00	< 0.00	< 2.00	< 2.00	0.50	0.50	0.33	0.33	0.50	0.50
10,001-50,000					< 0.00	< 0.00	< 2.00	< 2.00	2.00	2.00	0.50	0.50	0.65	0.65
> 50,000					< 0.00	< 0.00	< 1.00	< 1.00	< 2.00	< 2.00				
TOTAL					< 0.00	< 0.00	< 2.00	< 2.00	2.00	2.00	0.10	0.10	0.50	0.40

Table D.33.b SDWIS/FED (Round 2) Data- p-Isopropyltoluene Occurrence in Non-Transient Non-Community Water Systems by Population Served

POPULATION SERVED	% PWS > MRL		% GW PWS > MRL		% SW PWS > MRL		% PWS > 1/2 HRL		% GW PWS > 1/2 HRL		% SW PWS > 1/2 HRL		% PWS > HRL	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	0.16%	0.15%	0.16%	0.16%	0.00%	0.00%	There is no Health Reference Level (HRL), Maximum Contaminant Level (MCL), or Health Advisory Level (HAL) for p-Isopropyltoluene.							
501-3,300	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%								
3,301-10,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%								
10,001-50,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%								
> 50,000														
TOTAL	0.14%	0.13%	0.14%	0.14%	0.00%	0.00%								

POPULATION SERVED	% GW PWS > HRL		% SW PWS > HRL		MIN VALUE (µg/L)		99% VALUE (µg/L)		MAX VALUE (µg/L)		MIN DETECTS (µg/L)		MEDIAN DETECTS (µg/L)	
	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]	20 [1]	ALL [2]
≤ 500	No HRL				< 0.00	< 0.00	< 2.00	< 2.00	11.30	11.30	0.10	0.10	3.20	3.20
501-3,300					< 0.00	< 0.00	< 2.00	< 2.00	< 2.00	< 2.00				
3,301-10,000					< 0.00	< 0.00	< 2.00	< 2.00	< 2.00	< 2.00				
10,001-50,000					< 0.00	< 0.00	< 1.00	< 1.00	< 1.00	< 1.00				
> 50,000														
TOTAL					< 0.00	< 0.00	< 2.00	< 2.00	11.30	11.30	0.10	0.10	3.20	3.20

New Hampshire data not included in summary statistics for this contaminant.

1. Analyses are based on data from the SDWIS/FED 20 State Cross-Section of: AK, AR, CO, KY, MA, MD, ME, MI, MN, MO, NC, ND, NH, NM, OH, OK, OR, RI, TX, WA.
2. Analyses are based on data from all 35 States in the SDWIS/FED database.