
IDENTIFICATION INFORMATION

Citation

Originator	Connecticut Environmental Public Health Tracking Program
Publication Date	12/06/2016
Dataset Title	Connecticut Public Water System Sample Results

Description

Abstract	<p>This data set contains the information needed to calculate Environmental Public Health Tracking (EPHT) measures of contaminants in public water supply for arsenic, disinfection byproducts, nitrates, atrazine, di(2-ethylhexyl) phthalate (DEHP), radium, tetrachloroethene (tetrachloroethylene) (PCE), trichloroethene (trichloroethylene (TCE), and uranium. Data are derived from state Safe Drinking Water Act databases. This file is required and contains one record for each community water system (CWS) for the mean and maximum concentrations per year of each of arsenic, disinfection byproducts, nitrates, atrazine, di(2-ethylhexyl) phthalate (DEHP), radium, tetrachloroethene (tetrachloroethylene) (PCE), trichloroethene (trichloroethylene (TCE), and uranium; and the mean concentrations per quarter of disinfection byproducts, nitrates and atrazine. This dataset also accommodates sample-level data and includes one record for each compliance sample for the same analytes used in calculating summary concentrations. Some fields (e.g. NumSamplingStations) are only included for summary-level data observations and belong to the schema group "SummaryLevelGroup". Other fields (e.g. DetectionLimit) are only included for sample-level data observations and belong to the schema group "SampleLevelGroup". Associated optional fields for sample-level data are indicated as such in the Optionality column.</p>
Purpose	<p>This dataset was created to provide data to the National Environmental Public Health Tracking Network consistent with the guidance for creating the public drinking water Nationally Consistent Data and Measures (NCDMs) .</p>

Supplemental Information

Time Period of Content

Beginning Date	01/01/2002
End Date	12/31/2015
Currentness reference	Publication Date

Status

Progress	Complete
Maintenance and Update Frequency	Annually

Spatial Domain – Bounding Coordinates

West bounding coordinate -73.7277780000000001

East bounding coordinate -71.786991

North bounding coordinate 42.0505890000000002

South bounding coordinate 40.9866990000000002

Keywords

Theme Keyword Thesaurus None

Theme Keywords Public water system; PWS; Community water systems; CWS; public water supply ID; service area; primary source code; Environment; Water quality

Theme Keyword Thesaurus Topic Category

Theme Keywords Environmental Hazard

Place

Place Keywords UNITED STATES; US; Connecticut; 09; FAIRFIELD, CT; HARTFORD, CT; LITCHFIELD, CT; MIDDLESEX, CT; NEW HAVEN, CT; NEW LONDON, CT; TOLLAND, CT; WINDHAM, CT

Access Constraints Unrestricted/unclassified data are freely available to the public via the National EPHT Portal or through the Connecticut EPHT Portal

Use Constraints This information is provided by the Environmental Public Health Tracking Unit, Connecticut Department of Health (CTDPH). Efforts have been made to assure the accuracy of the data. However, no responsibility is assumed by the CTDPH related to materials or how those who access this information represent it. All users must read and fully comprehend metadata prior to data use.

Data Contact Information

Contact Person Connecticut Environmental Public Health Tracking Program

Contact Organization Connecticut Department of Public Health

Address 410 Capitol Avenue

City Hartford

State CT

ZIP Code 06134-0308

Country	United States
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Email	dphctepht@ct.gov
Hours	M-F 8:30-4:00
Security System	None
Security Classification	Unclassified
Security Handling	This dataset may be freely distributed; however, the use constraints apply to all recipients of this data.
Native Dataset Environment	SDWIS dataset extracted to SAS 9.4
Data Quality Information	
Logical Consistency Report	The contents of the dataset have been validated as being consistent with the data held in the state SDWIS data system.
Completeness report	The dataset is complete based on information provided by the CT DWS.
Process Steps	
Entity and Attribute Information	
Entity and Attribute Detail Citation	<p>PWSIDNumber PWS identifier Required NA AN(9) Nine character value consisting of the 2 letter state abbreviation followed by 7 numbers</p> <p>Year Year Required NA Text(4) YYYY; 1999 through latest complete year (e.g. 2011)</p> <p>AnalyteCode USEPA Analyte code for required constituents (arsenic, nitrate, TTHM, HAA5, atrazine, PCE, TCE, DEHP, radium, and uranium) Required NA N(4) 1005=Arsenic; 2050=Atrazine; 2456=HAA5; 2950=TTHM; 2039=DEHP; 1040=Nitrate; 2987=PCE; 2984=TCE; 4010=Combined Radium 226 & 228; 4006=Uranium (see How-To-Guide for converting gross alpha particle activity to U in ug/L)</p> <p>ConcentrationUnits The analyte-specific units of summary-level measures and individual sample values as reported in the Concentration and DetectionLimit fields. Each analyte has a standard unit for this dataset. Required NA AN(6) "ug/L" (Arsenic, TTHM, HAA5, Atrazine, DEHP, PCE,TCE, uranium); "mg/L" (Nitrate as nitrogen); "pCi/L" (Radium)</p> <p>Concentration Reported summary-level concentration or reported concentration of sample Required NA 6.4 >0 for summary-level measure or sample-level concentration; -888, if sample-level data andNonDetectFlag=1; -999= not reported</p> <p>DateSampled Date of sample (sample-level data) or Date last sampled (summary-level data) Required NA YYYY-MM-DD A valid date from 1/1/1999 through December 31st of the latest complete year (e.g. 2011-</p>

12-31).

SamplePointID Sampling station identifier for sample-level records only. Optional SampleLevelGroup AN(20) Character ID for sampling station;"-999" for missing; "-888" for Not Submitted

DetectionLimit Sample detection limit Optional SampleLevelGroup 3.6 >0, if NonDetectFlag=1; -888, if NonDetectFlag=0. NonDetectFlag Flag to indicate whether sample resulted in a detection or not Optional

SampleLevelGroup N(1) 1=Sample was a non-detect; 0=Sample was a detection

AggregationType The type of summary operation performed (i.e. mean or max) for summary-level data. Required

SummaryLevelGroup AN(3) "X" = Mean; "MX" = Maximum

NumSamplingLocations Number of compliance sampling locations available from which summary-level records were derived. Required

SummaryLevelGroup N(4) 1-9999; "-888" for Not Submitted

SummaryTimePeriod Year or Quarter for summary-level data Required

SummaryLevelGroup AN(10) YYYY for annual summarized values; YYYY-Q for quarterly summarized values

NumSamples The number of samples that were used in calculating the mean/max for a given analyte during a quarter or year. Required

SummaryLevelGroup N(4) 1-XXXX

NumNonDetects The number of samples that were non-detections for summary-level data. Required

SummaryLevelGroup N(4) 0-XXXX (XXXX must be no greater than NumSamples)

Distribution Information

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Contact Organization Connecticut Department of Public Health

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Distribution Liability

Resource Description

Metadata Reference Information

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Address	410 Capitol Avenue
City	Hartford
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ZIP Code	06134-0308
Country	United States
Phone	860-509-7740
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Hours	M-F 8:30-4:00
Metadata Standard Name	EPHTN Tracking Network Profile Version 1.2
Metadata Access Constraints	None
Metadata Use Constraints	None
