| Data Dictionary – Lead in Drinking Water | |
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# Purpose and Use of this Document

This data set contributes to the Environmental Public Health Tracking Network. The EPHT cooperative agreement states that “by September 30, 2008 […all grantees must] track and make available core environmental health tracking measures on the State and National EPHT Network […including …] data/information on key water contaminants, as defined through the Content workgroup process.” The Content Workgroup Water Team identified initial contaminants of concern for the national EPHT program, identified nationally consistent data sources, and developed nationally consistent indicators and measures. This data set can be used to calculate the nationally consistent measures for the initial contaminants of concern.

This data set contains the information needed to calculate Environmental Public Health Tracking (EPHT) measures of contaminants in public water supply for lead. Data are derived from state Safe Drinking Water Act databases. The data set consists of one table:

1. Drinking Water Quality Sampling Results. This file is required and contains one record for each community water system (CWS) for the annual 90th percentile for lead (Pb).

# Version History V.18.5

18.1 This version has been updated to remove three sample level variables and any mention of sample level data throughout the document.

18.2 This version has been revised to remove mention of a schema group. An entire column has been removed from the data dictionary. This draft also includes lead (Pb) and has allowed values for including annual 90th percentile data for lead in drinking water.

18.3 This version has been revised to only include lead (Pb) and values for including annual 90th percentile data for lead in drinking water. This version will be used to create the schema for the lead in drinking water pilot.

18.4 This version has been revised to remove the row for number of sampling locations and number of non-detects and to make number of samples optional. Also, the analyte code has been updated to include PB90 or 1030 depending on if a state is using SDWIS or not.

18.5 This is the final version which will be used for the pilot of lead in drinking water.

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| --- | --- |
| Field Name | Description |
| [Insert info here] |  |

# Data Dictionary

**Drinking Water Quality Sampling Results**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Header |  |  |  |  |
| **Field Name/Schema Name** | **Field Description** | **Format** | **Allowed Values** | **Required (Y/N)** |
| **StateFIPSCode** | **State FIPS Code** | **AN(2)** | **FIPS State Code** | **Y** |
| **Table Core** |  |  |  |  |
| **SchemaName** | **Field Description** | **Format** | **Allowed Values** | **Required (Y/N/O)** |
| PWSIDNumber | PWS identifier | AN(9) | Nine-character value consisting of the 2-letter state abbreviation followed by 7 numbers | Y |
| Year | Year | Text(4) | YYYY; 1999 through latest complete year (e.g., 2011) | Y |
| AnalyteCode | USEPA Analyte code for required constituents (lead (Pb)). | AN(4) | PB90 (SDWIS States)  1030 (Not a SDWIS State) | Y |
| ConcentrationUnits | The analyte-specific units of summary-level measures as reported in the Concentration field. | AN(6) | “ug/L” | Y |
| Concentration | Reported summary-level concentration | 6.42 | >=0 for summary-level measure | Y |
| DateSampled | Date last sampled (summary-level data) | YYYY-MM-DD | A valid date from 1/1/1999 through December 31st of the latest complete year (e.g., 2011-12-31). | Y |
| AggregationType | Type of summary operation performed for summary-level data. | AN(3) | “90X” = Annual 90th percentile for lead. | Y |
| SummaryTimePeriod | Year for summary-level data | AN(10) | YYYY for annual summarized values. | Y |
| NumSamples | Number of samples used in calculating the annual 90th in lead for the year. | N(4) | 1-XXXX  -888 (Not Submitted) | N |

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