

# **Childhood Blood Lead Testing**

## *Blood lead levels by birth cohort*

### **ENVIRONMENTAL PUBLIC HEALTH TRACKING**

### **AGGREGATE DATA SET SUMMARY**

### **CHILDHOOD BLOOD LEAD POISONING**

#### **Blood Lead Levels by Birth Cohort, by County**

<b>Characteristic</b>	<b>Description</b>
Data Sources	CDC Lead Program; Tracking grantee state Lead Programs
Purpose	<p>This dataset will be used to develop indicators (with appropriate procedures to protect confidentiality) for the national public portal. This dataset can be linked to US Census data and other data sources to identify geographic areas where children are at risk for lead poisoning.</p> <p>This dataset allows public health professionals and researchers to evaluate screening practices and monitor progress towards eliminating lead poisoning among children.</p> <p>This dataset is used to create the following indicators:</p> <ul style="list-style-type: none"><li>• Blood Lead Levels by Birth Cohort</li></ul>
Geographic Level	<b>The smallest geographic unit to be represented in this data set is the county.</b>
Restrictions	<p><b>This is a restricted access data set.</b></p> <p>Data will be displayed via the national public portal only when sufficient conditions have been met to protect data privacy.</p> <p>Only registered users will have direct access to this data set via the national secure portal.</p>

# ENVIRONMENTAL PUBLIC HEALTH TRACKING

## DATA DICTIONARY FOR AGGREGATE DATA

### CHILDHOOD LEAD POISONING

#### BLOOD LEAD LEVELS BY BIRTH COHORT, BY COUNTY

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
STATE	State FIPS code	String	nn	FIPS code	2	Required
CountyFIPS	County FIPS code	String	nnnnn U = unknown	FIPS code, U	5	Required
BCYear	Year in which birth cohort was born	Integer	nnnn	0-9999	4	Required

# ENVIRONMENTAL PUBLIC HEALTH TRACKING

## DATA DICTIONARY FOR AGGREGATE DATA

### CHILDHOOD LEAD POISONING

#### BLOOD LEAD LEVELS BY BIRTH COHORT, BY COUNTY

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
BLLCategory	Categorization of blood lead test results in units of $\mu\text{g}/\text{dL}$	Integer	1 = <5 2 = 5- <10 3 = 10-<15 4 = 15-<20 5 = 20-<25 6 = 25-<45 7 = 45-<70 8 = $\geq 70$ 9 = No testing in County 10 = County not in system	1-10	2	Required

# ENVIRONMENTAL PUBLIC HEALTH TRACKING

## DATA DICTIONARY FOR AGGREGATE DATA

### CHILDHOOD LEAD POISONING

#### BLOOD LEAD LEVELS BY BIRTH COHORT, BY COUNTY

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
NumChildrenTested	Number of children tested	Integer		0-nnnnn	5	Required
Confirmed	Classification of test result as either confirmed or unconfirmed	Integer	0=no, unconfirmed 1=yes, confirmed	0-1	1	Required
Specimen	Classification of test result by type of specimen used	Integer	1=venous 2=capillary 3=unknown specimen 4 = specimen not submitted/count aggregated across specimens	1-4	1	Required