

**Environmental Public Health Tracking Network Data Dictionaries for
Data Submitted by State/Local Grantees**

Version 0.2. August, 2015

Table of Contents

Introduction	3
Birth Defects	5
<i>Birth defect counts by maternal age and infant sex.....</i>	<i>6</i>
<i>Birth defect counts by maternal ethnicity/race and infant sex</i>	<i>12</i>
<i>Trisomy 21 counts by maternal age, maternal ethnicity/race, and infant sex.....</i>	<i>18</i>
<i>Birth defect counts by maternal age, maternal ethnicity/race, and infant sex</i>	<i>24</i>
Childhood Blood Lead Testing.....	31
<i>Blood lead levels by birth cohort.....</i>	<i>31</i>
<i>Annual blood lead levels</i>	<i>35</i>
Emergency Department Visits Data	40
Hospitalizations Data	45
Community Drinking Water	51
<i>PWS Inventory.....</i>	<i>52</i>
<i>Drinking water quality sampling results</i>	<i>54</i>

Introduction

The National Environmental Public Health Tracking Network (Tracking Network) is a system of integrated health, exposure, and hazard information and data from a variety of national, state, and city sources. Centers for Disease Control and Prevention (CDC) provides funds to 26 state and local health departments (grantees) to develop local tracking networks. These networks feed into the National Tracking Network.

Data on the Tracking Network helps public health professionals quickly answer community concerns, provide data to decision makers for public policies, and identify neighborhoods that need help most urgently.

The purpose of this document is to provide a description on the data sources, variables, and formats of the data submitted by grantees to CDC's Environmental Health Tracking Branch (Tracking Branch) for the purpose of developing the indicators and measures presented on the CDC National Tracking Public Portal (<http://ephracking.cdc.gov>). When a user is querying data on the Tracking Public Portal, this document will be an additional resource that will help them understand the underlying data used to develop the measures on the portal.

The Tracking Branch receives data on 5 content areas from grantees during two data calls during the year: one in the Spring, and another in Fall. Data on community drinking water and childhood blood lead testing are typically submitted during the Spring Data Call, and data on emergency department visits, hospitalizations, and birth defects are typically submitted during the Fall Data Call. These data are aggregated, and used to develop nationally consistent indicators and measures published on the Tracking Public Portal

One of the documents that Tracking grantees use to help them determine the data to submit to the Tracking Branch, is the data dictionary. The data dictionary provides descriptive information on the data source, purpose, geographic level, and restrictions along with other information such as the data variable name, a description of the variable, the type of data it holds, a code for populating the variable, legal values, and variable length.

Data dictionaries describing data from the following content areas are included in this document:

- Birth Defects
- Childhood Blood Lead Testing
- Emergency Department data: Asthma, Heat stress illness, and Carbon monoxide poisoning

- Hospitalizations: Asthma, Myocardial infarction, Heat stress illness, and Carbon monoxide poisoning, and
- Community drinking water

Birth Defects

ENVIRONMENTAL PUBLIC HEALTH TRACKING

AGGREGATE DATA SET SUMMARY

BIRTH DEFECTS

Characteristic	Description
Data Source	State Birth Defects Registries
Purpose	These data sets will be used to calculate prevalence measures for birth defects for use on the national public portal.
Geographic Level	The smallest geographic unit to be represented in this data set is the county.
Restrictions	This is a restricted access data set. Data will be displayed via the national public portal only when sufficient conditions have been met to protect data privacy. Only registered users will have direct access to this data set via the national secure portal.

Birth defect counts by maternal age and infant sex

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Age and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
BIRTH DEFECT	Birth defect category.	Integer	1 = Anencephaly 2 = Spina bifida (w/o anencephaly) 3 = Hypoplastic left heart syndrome 4 = Tetralogy of Fallot 5 = Transposition of the great arteries (vessels) 6 = Cleft lip with or w/o cleft palate 7 = Cleft palate w/o cleft lip 8 = Hypospadias 9 = Gastroschisis 10 = Upper limb deficiencies 11 = Lower limb deficiencies 12 = Trisomy 21	1 – 12	2	Required
STATE	State FIPS code.	String	FIPS	A valid state FIPS code.	2	Not specified in schema

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Age and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
COUNTY	County FIPS code over which birth defect cases and underlying birth populations are counted.	String	FIPS U = Unknown	A valid county FIPS code for the state, or 'U'.	5	Required
START DATE ¹	Date on which data aggregation begins.	Date	yyyymmdd		8	Required
END DATE ¹	Date on which data aggregation ends.	Date	yyyymmdd		8	Required
SURVEILLANCE TYPE	State birth defects surveillance system uses only active case finding procedures, only passive reporting, or a combination of active and passive methods.	Text	A = active P = passive PF = passive with follow-up	A, P, PF	2	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Age and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
ASCERTAINMENT	State birth defects surveillance system routinely ascertains cases of birth defects among live births only, or also covers other outcomes of pregnancy (fetal deaths and/or terminations).	Text	L = live births only LF = live births + fetal deaths LT = live births + pregnancy terminations LFT = live births + fetal deaths + pregnancy terminations	L, LF, LT, LFT	3	Required
CODE SET	Indicates the standard under which birth defects cases are coded and classified.	Integer	1 = ICD-9-CM 2 = ICD-9-CM, CDC coding based on BPA	1, 2	1	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Age and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
MATERNAL AGE GROUP	Five-year maternal age intervals for which cases and underlying birth populations are counted.	Integer	1 = <20 years 2 = 20-24 years 3 = 25-29 4 = 30-34 5 = 35-39 6 = ≥40 9 = Unknown	1 – 6, 9	1	Required
INFANT SEX	Infant sex for which cases and underlying birth populations are counted.	Text	M = Male F = Female U = Unknown	M, F, U	1	Required
TOTAL LIVE BIRTHS ²	Total number of live births.	Integer		0 to nnnnnnn	7	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Age and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
LIVE BIRTHS WITH BIRTH DEFECT	Number of cases of birth defect among live births only.	Integer	-999 = Unknown	0 to nnnn -999 Note: The missing value code -999 is appropriate when a birth count is known for a demographic classification, but the birth defect count is unknown.	4	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Age and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
LIVE BIRTHS + FETAL DEATHS + TERMINATIONS WITH DEFECT	Number of cases of birth defect among live births plus fetal deaths and/or pregnancy terminations, in those states that ascertain cases among fetal deaths and/or terminations. (optional)	Integer	-999 = Unknown	0 to nnnn -999 Note: The missing value code -999 is appropriate when a birth count is known for a demographic classification, but the birth defect count is unknown.	4	Optional

1. Start dates and end dates will allow for aggregation of more than one year of data when necessary, as well as part-year aggregates.
2. This is the denominator for “prevalence” calculations. This data may not need to be duplicated as it may be available through some of the vital records datasets as part of the Tracking Network.

Birth defect counts by maternal ethnicity/race and infant sex

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Ethnicity/Race and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
BIRTH DEFECT	Birth defect category.	Integer	1 = Anencephaly 2 = Spina bifida (w/o anencephaly) 3 = Hypoplastic left heart syndrome 4 = Tetralogy of Fallot 5 = Transposition of the great arteries (vessels) 6 = Cleft lip with or w/o cleft palate 7 = Cleft palate w/o cleft lip 8 = Hypospadias 9 = Gastroschisis 10 = Upper limb deficiencies 11 = Lower limb deficiencies 12 = Trisomy 21	1 – 12	2	Required
STATE	State FIPS code.	String	FIPS	A valid state FIPS code.	2	Not specified in schema

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Ethnicity/Race and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
COUNTY	County FIPS code over which birth defect cases and underlying birth populations are counted.	String	FIPS U = Unknown	A valid county FIPS code for the state, or 'U'.	5	Required
START DATE ¹	Date on which data aggregation begins.	Date	yyyymmdd		8	Required
END DATE ¹	Date on which data aggregation ends.	Date	yyyymmdd		8	Required
SURVEILLANCE TYPE	State birth defects surveillance system uses only active case finding procedures, only passive reporting, or a combination of active and passive methods.	Text	A = active P = passive PF = passive with follow-up	A, P, PF	2	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Ethnicity/Race and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
ASCERTAINMENT	State birth defects surveillance system routinely ascertains cases of birth defects among live births only, or also covers other outcomes of pregnancy (fetal deaths and/or terminations).	Text	L = live births only LF = live births + fetal deaths LT = live births + pregnancy terminations LFT = live births + fetal deaths + pregnancy terminations	L, LF, LT, LFT	3	Required
CODE SET	Indicates the standard under which birth defects cases are coded and classified.	Integer	1 = ICD-9-CM 2 = ICD-9-CM, CDC coding based on BPA	1, 2	1	Required
MATERNAL ETHNICITY	Maternal Hispanic ethnicity for which cases and underlying birth populations are counted.	Text	H = Hispanic NH = non-Hispanic U = Unknown	H, NH, U	2	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Ethnicity/Race and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
MATERNAL RACE GROUP	Maternal race group for which cases and underlying birth populations are counted.	Text	W = White B = Black O = Other U = Unknown NS = Not submitted	W, B, O, U, NS Note: The code 'NS' is not intended to indicate unknown race.	2	Required
INFANT SEX	Infant sex for which cases and underlying birth populations are counted.	Text	M = Male F = Female U = Unknown	M, F, U	1	Required
TOTAL LIVE BIRTHS ²	Total number of live births.	Integer		0 to nnnnnnn	7	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Ethnicity/Race and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
LIVE BIRTHS WITH BIRTH DEFECT	Number of cases of birth defect among live births only.	Integer	-999 = Unknown	0 to nnnn -999 Note: The missing value code -999 is appropriate when a birth count is known for a demographic classification, but the birth defect count is unknown.	4	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Ethnicity/Race and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
LIVE BIRTHS + FETAL DEATHS + TERMINATIONS WITH DEFECT	Number of cases of birth defect among live births plus fetal deaths and/or pregnancy terminations, in those states that ascertain cases among fetal deaths and/or terminations. (optional)	Integer	-999 = Unknown	0 to nnnn -999 Note: The missing value code -999 is appropriate when a birth count is known for a demographic classification, but the birth defect count is unknown.	4	Optional

1. Start dates and end dates will allow for aggregation of more than one year of data when necessary, as well as part-year aggregates.
2. This is the denominator for “prevalence” calculations. This data may not need to be duplicated as it may be available through some of the vital records datasets as part of the Tracking Network.

Trisomy 21 counts by maternal age, maternal ethnicity/race, and infant sex

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Trisomy 21 Counts, by Maternal Age, Maternal Ethnicity/Race, and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
BIRTH DEFECT	Birth defect category.	Integer	12 = Trisomy 21	12 only	2	Required
STATE	State FIPS code.	String	FIPS	A valid state FIPS code.	2	Not specified in schema
COUNTY	County FIPS code over which birth defect cases and underlying birth populations are counted.	String	FIPS U = Unknown	A valid county FIPS code for the state, or 'U'.	5	Required
START DATE ¹	Date on which data aggregation begins.	Date	yyyymmdd		8	Required
END DATE ¹	Date on which data aggregation ends.	Date	yyyymmdd		8	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Trisomy 21 Counts, by Maternal Age, Maternal Ethnicity/Race, and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
SURVEILLANCE TYPE	State birth defects surveillance system uses only active case finding procedures, only passive reporting, or a combination of active and passive methods.	Text	A = active P = passive PF = passive with follow-up	A, P, PF	2	Required
ASCERTAINMEN T	State birth defects surveillance system routinely ascertains cases of birth defects among live births only, or also covers other outcomes of pregnancy (fetal deaths and/or terminations).	Text	L = live births only LF = live births + fetal deaths LT = live births + pregnancy terminations LFT = live births + fetal deaths + pregnancy terminations	L, LF, LT, LFT	3	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Trisomy 21 Counts, by Maternal Age, Maternal Ethnicity/Race, and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
CODE SET	Indicates the standard under which birth defects cases are coded and classified.	Integer	1 = ICD-9-CM 2 = ICD-9-CM, CDC coding based on BPA	1, 2	1	Required
MATERNAL AGE GROUP	Two categories of maternal age for which cases and underlying birth populations are counted.	Integer	1 = < 35 years 2 = ≥ 35 years 9 = Unknown	1, 2, 9	1	Required
MATERNAL ETHNICITY	Maternal Hispanic ethnicity for which cases and underlying birth populations are counted.	Text	H = Hispanic NH = non-Hispanic U = Unknown	H, NH, U	2	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Trisomy 21 Counts, by Maternal Age, Maternal Ethnicity/Race, and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
MATERNAL RACE GROUP	Maternal race group for which cases and underlying birth populations are counted.	Text	W = White B = Black O = Other U = Unknown NS = Not submitted	W, B, O, U, NS Note: The code 'NS' is not intended to indicate unknown race.	2	Required
INFANT SEX	Infant sex for which cases and underlying birth populations are counted.	Text	M = Male F = Female U = Unknown	M, F, U	1	Required
TOTAL LIVE BIRTHS ²	Total number of live births.	Integer		0 to nnnnnnn	7	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Trisomy 21 Counts, by Maternal Age, Maternal Ethnicity/Race, and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
LIVE BIRTHS WITH BIRTH DEFECT	Number of cases of birth defect among live births only.	Integer	-999 = Unknown	0 to nnnn -999 Note: The missing value code -999 is appropriate when a birth count is known for a demographic classification, but the birth defect count is unknown.	4	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Trisomy 21 Counts, by Maternal Age, Maternal Ethnicity/Race, and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
LIVE BIRTHS + FETAL DEATHS + TERMINATIONS WITH DEFECT	Number of cases of birth defect among live births plus fetal deaths and/or pregnancy terminations, in those states that ascertain cases among fetal deaths and/or terminations. (optional)	Integer	-999 = Unknown	0 to nnnn -999 Note: The missing value code -999 is appropriate when a birth count is known for a demographic classification, but the birth defect count is unknown.	4	Optional

1. Start dates and end dates will allow for aggregation of more than one year of data when necessary, as well as part-year aggregates.
2. This is the denominator for “prevalence” calculations. This data may not need to be duplicated as it may be available through some of the vital records datasets as part of the Tracking Network.

Birth defect counts by maternal age, maternal ethnicity/race, and infant sex

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Age, Maternal Ethnicity/Race, and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
BIRTH DEFECT	Birth defect category.	Integer	1 = Anencephaly 2 = Spina bifida (w/o anencephaly) 3 = Hypoplastic left heart syndrome 4 = Tetralogy of Fallot 5 = Transposition of the great arteries (vessels) 6 = Cleft lip with or w/o cleft palate 7 = Cleft palate w/o cleft lip 8 = Hypospadias 9 = Gastroschisis 10 = Upper limb deficiencies 11 = Lower limb deficiencies 12 = Trisomy 21	1 – 12	2	Required
STATE	State FIPS code.	String	FIPS	A valid state FIPS code.	2	Not specified in schema

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Age, Maternal Ethnicity/Race, and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
START DATE ¹	Date on which data aggregation begins.	Date	yyyymmdd		8	Required
END DATE ¹	Date on which data aggregation ends.	Date	yyyymmdd		8	Required
SURVEILLANCE TYPE	State birth defects surveillance system uses only active case finding procedures, only passive reporting, or a combination of active and passive methods.	Text	A = active P = passive PF = passive with follow-up	A, P, PF	2	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Age, Maternal Ethnicity/Race, and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
ASCERTAINMENT	State birth defects surveillance system routinely ascertains cases of birth defects among live births only, or also covers other outcomes of pregnancy (fetal deaths and/or terminations).	Text	L = live births only LF = live births + fetal deaths LT = live births + pregnancy terminations LFT = live births + fetal deaths + pregnancy terminations	L, LF, LT, LFT	3	Required
CODE SET	Indicates the standard under which birth defects cases are coded and classified.	Integer	1 = ICD-9-CM 2 = ICD-9-CM, CDC coding based on BPA	1, 2	1	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Age, Maternal Ethnicity/Race, and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
MATERNAL AGE GROUP	Five-year maternal age intervals for which cases and underlying birth populations are counted.	Integer	1 = <20 years 2 = 20-24 years 3 = 25-29 4 = 30-34 5 = 35-39 6 = ≥40 9 = Unknown	1 – 6, 9	1	Required
MATERNAL ETHNICITY	Maternal Hispanic ethnicity for which cases and underlying birth populations are counted.	Text	H = Hispanic NH = non-Hispanic U = Unknown	H, NH, U	2	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Age, Maternal Ethnicity/Race, and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
MATERNAL RACE GROUP	Maternal race group for which cases and underlying birth populations are counted.	Text	W = White B = Black O = Other U = Unknown NS = Not submitted	W, B, O, U, NS Note: The code 'NS' is not intended to indicate unknown race.	2	Required
INFANT SEX	Infant sex for which cases and underlying birth populations are counted.	Text	M = Male F = Female U = Unknown	M, F, U	1	Required
TOTAL LIVE BIRTHS ²	Total number of live births.	Integer		0 to nnnnnnn	7	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Age, Maternal Ethnicity/Race, and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
LIVE BIRTHS WITH BIRTH DEFECT	Number of cases of birth defect among live births only.	Integer	-999 = Unknown	0 to nnnn -999 Note: The missing value code -999 is appropriate when a birth count is known for a demographic classification, but the birth defect count is unknown.	4	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

BIRTH DEFECTS

Birth Defect Counts, by Maternal Age, Maternal Ethnicity/Race, and Infant Sex

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
LIVE BIRTHS + FETAL DEATHS + TERMINATIONS WITH DEFECT	Number of cases of birth defect among live births plus fetal deaths and/or pregnancy terminations, in those states that ascertain cases among fetal deaths and/or terminations. (optional)	Integer	-999 = Unknown	0 to nnnn -999 Note: The missing value code -999 is appropriate when a birth count is known for a demographic classification, but the birth defect count is unknown.	4	Optional

1. Start dates and end dates will allow for aggregation of more than one year of data when necessary, as well as part-year aggregates.
2. This is the denominator for “prevalence” calculations. This data may not need to be duplicated as it may be available through some of the vital records datasets as part of the Tracking Network.

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

Characteristic	Description
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">• Blood Lead Levels by Birth Cohort
Geographic Level	The smallest geographic unit to be represented in this data set is the county.
Restrictions	<p>This is a restricted access data set.</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 = ≥ 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

Annual blood lead levels

ENVIRONMENTAL PUBLIC HEALTH TRACKING

AGGREGATE DATA SET SUMMARY

CHILDHOOD BLOOD LEAD POISONING

Summary for Annual Blood Lead Levels, by County

Characteristic	Description
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">• Annual Blood Lead Levels
Geographic Level	The smallest geographic unit to be represented in this data set is the county.
Restrictions	<p>This is a restricted access data set.</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

ANNUAL BLOOD LEAD LEVELS, 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
YearTested	Year in which tests occurred	Integer	nnnn	0-9999	4	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

CHILDHOOD LEAD POISONING

ANNUAL BLOOD LEAD LEVELS, BY COUNTY

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
AgeGroup	Age in months of child at time of test	Integer	1 = 0-<12 2 = 12-<24 3 = 24-<36 4 = 36-<48 5 = 48-<60 6 = 60-<72 9 = unknown age 10=No Testing in county 11=County not in system	1-6, 9 – 11	2	Required

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

CHILDHOOD LEAD POISONING

ANNUAL BLOOD LEAD LEVELS, 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 = ≥ 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

ANNUAL BLOOD LEAD LEVELS, BY COUNTY

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
Confirmed	Classification of test result as either confirmed or unconfirmed	Integer	0=no, unconfirmed 1=yes, confirmed	0-1	1	Required
NumChildrenTested	Number of children tested	Integer		0-nnnnn	5	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

Emergency Department Visits Data

ENVIRONMENTAL PUBLIC HEALTH TRACKING

AGGREGATE DATA SET SUMMARY

EMERGENCY DEPARTMENT (ED) VISITS DATA

Characteristic	Description
Data Sources	State and Local Data Systems
Purpose	This data set will be used to calculate incidence measures for emergency department (ED) visits related to unintentional CO poisoning, asthma, and heat stress illness
Geographic Level	The smallest geographic unit to be represented in this data set is the county.
Restrictions	This is a restricted access data set. Data will be displayed via the national public portal only when sufficient conditions have been met to protect data privacy. Only registered users will have direct access to this data set via the national secure portal.

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

EMERGENCY DEPARTMENT (ED) VISITS

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length
AGEGROUP	Five-year age group of individuals hospitalized for the condition indicated by HEALTHOUTCOMEID	Integer	1= 0–4 years 2= 5–9 years 3= 10–14 years 4= 15–19 years 5= 20–24 years 6= 25–29 years 7= 30–34 years 8= 35–39 years 9= 40–44 years 10= 45–49 years 11= 50–54 years 12= 55–59 years 13= 60–64 years 14= 65–69 years 15= 70–74 years 16= 75–79 years 17= 80–84 years 18= 85+ years 19= Unknown	1–19	2

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

EMERGENCY DEPARTMENT (ED) VISITS

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length
COUNTY	County of residence	String	FIPS U=Unknown	00000– 99999 U	5
EDVISITMONTH	Month of ED visit	String	mm	01–12	2
EDVISITYEAR	Year of ED visit	Integer	yyyy	20XX	4
ETHNICITY (optionally reported)	Ethnicity of individuals	Text	H=Hispanic NH=Non-Hispanic U=Unknown	H, NH, U	2
EXCLUSIONMETHOD	Variable used to identify & exclude transfers from dataset	Integer	1= Unique ID 2= Source of Admission 3= Disposition 9= Not applicable	1-3, 9	1
HEALTHOUTCOMEID	Health outcome (Asthma, Carbon monoxide poisoning, or Heat stress illness)	Integer	1=Asthma 3=Carbon monoxide poisoning 4=Heat stress illness	1, 3, 4	1
INCIDENTCOUNTFIRE (For CO ED Visits ONLY)	Number of unintentional fire-related CO poisoning ED visits	Integer	nnnnnn If -999= Count is recorded in INCIDENTCOUNTUNKNO WN	0 to 999999, -999	6

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

EMERGENCY DEPARTMENT (ED) VISITS

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length
INCIDENTCOUNTNONFIRE (For CO ED Visits ONLY)	Number of unintentional, non-fire related CO poisoning ED visits	Integer	nnnnnn If -999= Count is recorded in INCIDENTCOUNTUNKNO WN	0 to 999999, -999	6
INCIDENTCOUNTUNKNO N (For CO ED Visits ONLY)	Number of CO poisoning ED visits where the cause was undetermined	Integer	nnnnnn	0 to 999999	6
MONTHLYVISITS	Number of monthly hospitalization events	Integer	nnnnn	0000–99999	5
OUTOFSTATEEXCLUSION	Exclusion of residents admitted to hospitals located in another state	Integer	1= Yes 2= No	1, 2	1
RACE (OPTIONAL)	Race group of individual admitted	Text	W=White B=Black O=Other U=Unknown	W, B, O, U	1
RACEETHNICITYREPORTED	Race and ethnicity fields reported in source data	Integer	1=Yes separate 2=Yes combined 3=No	1, 2, 3	1

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

EMERGENCY DEPARTMENT (ED) VISITS

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length
SEX	Sex of individuals admitted	Text	M=Male F=Female U=Unknown	M, F, U	1
STATE <i>(For Header section only; Not a data element)</i>	Patient's state of residence	String	FIPS		2
TRANSFEREXCLUSION	Exclusion of transfers from dataset	Integer	1= Yes 2= No	1, 2	1

Hospitalizations Data

ENVIRONMENTAL PUBLIC HEALTH TRACKING

AGGREGATE DATA SET SUMMARY

HOSPITALIZATIONS

Characteristic	Description
Data Source	State Hospital Discharge Data Systems
Purpose	This data set will be used to calculate measures related to asthma, acute myocardial infarction, unintentional carbon monoxide poisoning, and heat stress illness hospitalizations, for use on the national public portal.
Geographic Level	The smallest geographic unit to be represented in this data set is the county.
Restrictions	This is a restricted access data set. Data will be displayed via the national public portal only when sufficient conditions have been met to protect data privacy. Only registered users will have direct access to this data set via the national secure portal.

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

HOSPITALIZATIONS

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length
ADMISSIONMONTH	Month of hospital admission	String	mm	01-12	2
YEARADMITTED	Year of hospital admission	Integer	yyyy	20XX	4

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

HOSPITALIZATIONS

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length
AGEGROUP	Five-year age group of individuals hospitalized for the condition indicated by HEALTHOUTCOMEID	Integer	1= 0–4 years 2= 5–9 years 3= 10–14 years 4= 15–19 years 5= 20–24 years 6= 25–29 years 7= 30–34 years 8= 35–39 years 9= 40–44 years 10= 45–49 years 11= 50–54 years 12= 55–59 years 13= 60–64 years 14= 65–69 years 15= 70–74 years 16= 75–79 years 17= 80–84 years 18= 85+ years 19= Unknown	1–19	2

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

HOSPITALIZATIONS

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length
COUNTY	County of residence	String	FIPS U= Unknown	FIPS U	5
ETHNICITY (optionally reported)	Ethnicity of individuals	Text	H= Hispanic NH= Non-Hispanic U= Unknown	H, NH, U	2
EXCLUSIONMETHOD	Variable used to identify & exclude transfers from dataset	Integer	1= Unique ID 2= Source of Admission 3= Disposition 9= Not applicable	1-3, 9	1
HEALTHOUTCOMEID	Health outcome (asthma, acute myocardial infarction, Carbon monoxide poisoning, or Heat stress illness)	Integer	1= Asthma 2= Acute myocardial infarction 3= Carbon monoxide poisoning 4= Heat stress illness	1, 2, 3, 4	1

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

HOSPITALIZATIONS

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length
INCIDENTCOUNTFIRE (For CO Hospitalizations ONLY)	Number of unintentional fire-related CO poisoning hospitalizations	Integer	nnnnnn -999= Count is recorded in COUNT_UNK_H	0 to 999999, -999	6
INCIDENTCOUNTNONFIRE (For CO Hospitalizations ONLY)	Number of unintentional, non-fire related CO poisoning hospitalizations	Integer	nnnnnn -999= Count is recorded in COUNT_UNK_H	0 to 999999, -999	6
INCIDENTCOUNTUNKNOWN (For CO Hospitalizations ONLY)	Number of CO poisoning hospitalizations where the cause was undetermined	Integer	nnnnnn	0 to 999999	6
MONTHLYHOSP	Number of monthly hospitalization events	Integer	nnnn	0000-9999	4
OUTOFSTATEEXCLUSION	Exclusion of residents admitted to hospitals located in another state	Integer	1= Yes 2= No	1, 2	1

ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

HOSPITALIZATIONS

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length
RACE (optionally reported)	Race of individuals	Text	W= White B= Black O= Other U= Unknown	W, B, O, U	1
RACEETHNICITYREPORTED	Race and ethnicity fields reported in source data	Integer	1= Yes separate 2= Yes combined 3= No	1, 2, 3	1
SEX	Sex of individuals admitted	Text	M= Male F= Female U= Unknown	M, F, U	1
STATE <i>(For Header section only; Not a data element)</i>	State of residence	String	FIPS		2
TRANSFEREXCLUSION	Exclusion of transfers from dataset	Integer	1= Yes 2= No	1, 2	1

Community Drinking Water

Environmental Public Health Tracking

AGGREGATE DATA SET SUMMARY

Drinking Water Quality

Characteristic	Description
Data Sources	Safe Drinking Water Act/State Drinking Water Information System (SDWA/SDWIS)
Purpose	<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. The data set consists of two tables:</p> <ol style="list-style-type: none"> 1. PWS Inventory. This file is required and contains descriptive and locational information about each public water system (PWS) with which water quality data is provided. This dataset should only include Community Water Systems (CWS) as defined and regulated by the Safe Drinking Water Act. It does not include Non-Transient Non-Community (NTNC) and Transient Non-Community water systems (TNC). There is one record for every year that a CWS was active, delivering drinking water to customers, and in which water quality data is complete. CWS that were once active and are currently inactive should be included if State's data support this scenario. 2. Drinking Water Quality Sampling Results. 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". At this time, sample-level observations are not required as part of the Community Drinking Water data submissions; associated optional fields for sample-level data are indicated as such in the Optionality column.
Restrictions	This is not a restricted access data set.

**NATIONAL ENVIRONMENTAL PUBLIC HEALTH TRACKING
DATA DICTIONARY FOR AGGREGATE DATA
COMMUNITY DRINKING WATER
PUBLIC WATER SYSTEM INVENTORY**

Field Name	Field Description	Data Type	Code Scheme and Legal values	Field Length	Optionality
StateFIPSCode	State FIPS code	String	FIPS State Code	2	Required
PWSIDNumber	PWS identifier	String	nine character value consisting of the 2 letter state abbreviation followed by 7 numbers	9	Required
YearAssociatedTo	Year that these data are associated with regards to sampling results	Text	YYYY. 1999 through latest complete year (e.g. 2011)	4	Required
YearPulled	Year that these data were pulled from state records	Text	YYYY. 1999 through latest year.	4	Required
PWSName	Name of PWS	Integer	Any; "U" = Unknown; "NS" = Not submitted	40	Required
PrincipalCountyServedFIPS	Principal county FIPS served by the CWS	String	FIPS County Code	5	Required
PrincipalCityFeatureID	Principal city, town or village Feature ID served by the CWS	Integer	9999999999;"-999" for Missing; "-888" for Not Submitted	10	Required

TotalConnections	Number of residential service connections	Integer	1-9999999”	7	Required
SystemPopulation	Permanent population uniquely served by the CWS	Integer	10-99999999 ”	8	Required
PrimarySourceCode	Type of source	String	GU = ground water under direct influence of surface water, GUP = purchased ground water under direct influence of surface water, GW = ground water, GWP = purchased ground water, SW = surface water, SWP = purchased surface water; “U” = Unknown; “NS” = Not submitted	3	Required
Latitude	Latitude in NAD83 decimal degrees describing approximate center of retail service area of water system	Integer	00.0000000 to 90.0000000;”-99.99” for Missing; “-88.88” for Not Submitted.	10	Required
Longitude	Longitude in NAD83 decimal degrees describing approximate center of retail service area of water system	Integer	-18.0000000 to 180.0000000;”-999” for Missing; “-888” for Not Submitted.	11	Required
LocationDerivationCode	Code describing how approximate latitude/longitude location was derived	String	SA = Service area polygon centroid; MFL = Mean of 1 or more facility locations that are expected to be proximate to service area extent; PCS = GNIS coordinates for Principal City Served; GSH = The geocoded address of water system headquarters; PNS - GNIS coordinates for Principal County Served; O= Other (e.g. zip code, etc.) “-999” = Missing; “-888” = Not Submitted;	3	Required

Drinking water quality sampling results

NATIONAL ENVIRONMENTAL PUBLIC HEALTH TRACKING
DATA DICTIONARY FOR AGGREGATE DATA
COMMUNITY DRINKING WATER
DRINKING WATER SAMPLING RESULTS

Field Name	Field Description	Data Type	Code Scheme and Legal values	Field Length	Optionality
StateFIPSCode	State FIPS code	String	FIPS State Code	2	Required
PWSIDNumber	PWS identifier	String	Nine character value consisting of the 2 letter state abbreviation followed by 7 numbers	9	Required
Year	Year	Text	YYYY; 1999 through latest complete year (e.g. 2011)	4	Required
AnalyteCode	USEPA Analyte code for required constituents (arsenic, nitrate, TTHM, HAA5, atrazine, PCE, TCE, DEHP, radium, and uranium)	Integer	1005=Arsenic; 2050=Atrazine; 2456=HAA5; 2950=TTHM; 2039=DEHP; 1040=Nitrate; 2987=PCE; 2984=TCE; 4010=Combined Radium 226 & 228; 4006=Uranium	4	Required
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.	String	“ug/L” allowed only for (Arsenic, TTHM, HAA5, Atrazine, DEHP, PCE, TCE, uranium); “mg/L” allowed only for (Nitrate as nitrogen); “pCi/L” allowed only for (Radium)	6	Required

NATIONAL ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

COMMUNITY DRINKING WATER

DRINKING WATER SAMPLING RESULTS

Field Name	Field Description	Data Type	Code Scheme and Legal values	Field Length	Optionality
Concentration	Reported summary-level concentration or reported concentration of sample	Integer	>0 for summary-level measure or sample-level concentration; -888, if sample-level data and NonDetectFlag=1	6.4	Required
DateSampled	Date of sample (sample-level data) or Date last sampled (summary-level data)	Date	A valid date from 1/1/1999 through December 31 st of the latest complete year (e.g. 2011-12-31).	YYYY-MM-DD	Required
SamplePointID	Sampling station identifier for sample-level records only.	String	Character ID for sampling station;“-999” for missing; “-888” for Not Submitted	20	Optional
DetectionLimit	Sample detection limit	Integer	>0, if NonDetectFlag=1; -888, if NonDetectFlag=0.	3.6	Optional
NonDetectFlag	Flag to indicate whether sample resulted in a detection or not	Integer	1=Sample was a non-detect; 0=Sample was a detection	1	Optional

NATIONAL ENVIRONMENTAL PUBLIC HEALTH TRACKING

DATA DICTIONARY FOR AGGREGATE DATA

COMMUNITY DRINKING WATER

DRINKING WATER SAMPLING RESULTS

Field Name	Field Description	Data Type	Code Scheme and Legal values	Field Length	Optionality
AggregationType	The type of summary operation performed (i.e. mean or max) for summary-level data.	String	“X” = Mean (for Annual and Quarterly data); “MX” = Maximum (For Annual Data ONLY; DO NOT SUBMIT FOR QUARTERLY DATA)	3	Required
NumSamplingLocations	Number of compliance sampling locations available from which summary-level records were derived.	Required	1-9999; “-888” for Not Submitted	4	Required
SummaryTimePeriod	Year or Quarter for summary-level data	String	YYYY for annual summarized values; YYYY-Q for quarterly summarized values Allowed Only for AnalyteCodes 2050, 2456, 2950 and 1040	10	Required
NumSamples	The number of samples that were used in calculating the mean/max for a given analyte during a quarter or year.	Integer	1-XXXX	4	Required
NumNonDetects	The number of samples that were non-detections for summary-level data.	Integer	0-XXXX (XXXX must be no greater than NumSamples)	4	Required