Data Dictionary for Data Submission

Birth Defects

National Environmental Public Health Tracking Network

Characteristic	Description
Data Source	State Birth Defects Registries
Purpose	This data set will be used to calculate the nationally consistent data and measures (5 year rolling prevalence counts and rates) 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.

BIRTH DEFECTS

DATA DICTIONARY FOR AGGREGATE DATA
Environmental Public Health Tracking

Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
BIRTH DEFECT	Birth defect category.	Integer	1 = Anencephaly 2 = Cleft lip with cleft palate 3 = Cleft lip w/o cleft palate 4 = Cleft palate w/o cleft lip 5 = Gastroschisis 6 = Hypoplastic left heart syndrome 7 = Hypospadias 8 = Limb deficiencies combined 9 = Spina bifida (w/o anencephaly) 10 = Tetralogy of Fallot 11 = Transposition of the great arteries (vessels) 12 = Trisomy 21	1 – 12	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	Optional
START DATE	Date on which data aggregation begins.	Date	yyyymmdd		8	Required

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Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
END DATE	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
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 3 = ICD-10-CM	1-3	1	Required

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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
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 **Note:** The code 'NS' is intended to allow the maternal race field to be selectively collapsed, for example, when maternal ethnicity is Hispanic. **This code is not intended to indicate unknown race.**	W, B, O, U, NS	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

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Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Optionality
TOTAL LIVE BIRTHS	Total number of live births.	Integer		0 to nnnnnnn	7	Required
LIVE BIRTHS WITH BIRTH DEFECT	Number of cases of birth defect among live births only.	Integer	-999 = Unknown **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.	0 to nnnn -999	4	Required
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.	Integer	-999 = Unknown **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.	0 to nnnn -999	4	Optional