

## Pennsylvania

### *Pennsylvania Birth Defects Surveillance Program (PA-BDSP)*

**Purpose:** Surveillance of Zika-related birth defects only

**Partner:** Local Health Departments, Advocacy Groups

**Program status:** No surveillance program

**Start year:** 2017

**Earliest year of available data:** 2016 (Zika-related birth defects only)

**Organizational location:** Department of Health  
(Epidemiology/Environment)

**Population covered annually:** 114440 (2016) and 113048 (2017)

**Statewide:** No, Excludes Philadelphia County

**Current legislation or rule:** Emerging threat (Zika)

#### **Case Definition**

**Pregnancy outcome:** Livebirths (All gestational ages and birth weights), Fetal deaths - stillbirths, spontaneous abortions, etc. (All gestational ages, 18 or more weeks gestation)

**Age:** 1 year

**Residence:** In-state birth to state resident

#### **Surveillance Methods**

**Case ascertainment:** Passive case-finding with case confirmation

**Vital records:** Birth certificates, Death certificates, Fetal birth certificate

**Delivery hospitals:** Disease index or discharge index

**Pediatric & tertiary care hospitals:** Disease index or discharge index

#### **Case Ascertainment**

**Conditions warranting chart review in newborn period:** ICD-10 CM codes for Zika-related birth defects or stillbirths  $\geq$  18 weeks gestational age

**Conditions warranting chart review beyond the newborn period:** Any infant with a codable defect

**Coding:** ICD-9-CM/ICD-10-CM

#### **Data Collected**

**Infant/fetus:** Identification information (name, address, date-of-birth, etc.), Demographic information (race/ethnicity, sex, etc.), Birth measurements (weight, gestation, Apgars, etc.), Tests and procedures, Infant complications, Birth defect diagnostic information

**Mother:** Identification information (name, address, date-of-birth, etc.), Demographic information (race/ethnicity, sex, etc.), Gravidity/parity, Illnesses/conditions, Prenatal care, Prenatal diagnostic information, Pregnancy/delivery complications, Family history

#### **Data Collection Methods and Storage**

**Data collection:** Electronic file/report filled out by staff at facility (laptop, web-based, etc.)

**Database collection and storage:** REDCap Cloud

#### **Data Analysis**

**Data analysis software:** SAS

**Quality assurance:** Validity checks, Re-abstraction of cases, Double-checking of assigned codes, Timeliness

**Data use and analysis:** Baseline rates

#### **System Integration**

**System links:** Link case finding data to final birth file, hospital administrative data

#### **Contacts**

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