New Hampshire
New Hampshire Birth Conditions Program

Purpose: Surveillance, Referral to Services, Referral to Prevention/Intervention Services
Partner: Local Health Departments, Hospitals, Universities, Legislators
Program status: Currently collecting data
Start year: 2018
Earliest year of available data: 2003
Organizational location: Department of Health (Maternal and Child Health)
Population covered annually: 12,500
Statewide: Yes
Current legislation or rule: RSA 141:J, NH Administrative Rules He-P 3012
Legislation year enacted: 2008

Case Definition
Pregnancy outcome: Livebirths (All gestational ages and birth weights), Fetal deaths - stillbirths, spontaneous abortions, etc. (All gestational ages), Elective terminations (All gestational ages)
Age: Birth to age 2
Residence: In-state birth to state resident

Surveillance Methods
Case ascertainment: Active Case Finding, Passive case-finding with case confirmation
Vital records: Birth certificates, Death certificates
Other state based registries: Newborn hearing screening program, Newborn metabolic screening program, Developmental Disabilities Surveillance
Delivery hospitals: Disease index or discharge index, Discharge summaries, Obstetrics logs (i.e., labor & delivery), Regular nursery logs, ICU/NICU logs or charts, Postmortem/pathology logs, Surgery logs, Specialty outpatient clinics
Pediatric & tertiary care hospitals: Disease index or discharge index, Discharge summaries, ICU/NICU logs or charts, Pediatric logs, Postmortem/pathology logs, Surgery logs, Laboratory logs, Specialty outpatient clinics
Other specialty facilities: Prenatal diagnostic facilities (ultrasound, etc.), Genetic counseling/clinical genetic facilities
Other sources: Physician reports

Case Ascertainment
Conditions warranting chart review in newborn period: Any chart with an ICD-9-CM code 740-759/ICD-10-CM code Q00-Q99, Any chart with a selected list of ICD-9-CM codes outside 740-759/ICD-10-CM codes outside Q00-Q99, Any chart with selected procedure codes, Any birth certificate with a birth defect box checked, All stillborn infants, All prenatally diagnosed or suspected cases
Conditions warranting chart review beyond the newborn period: Any infant with a codable defect
Coding: CDC coding system based on BPA, 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
Father: Identification information (name, address, date-of-birth, etc.), Demographic information (race/ethnicity, sex, etc.), Illnesses/conditions, Family history

Data Analysis
Data analysis software: SPSS
Quality assurance: Double-checking of assigned codes, Comparison/verification between multiple data sources
Data use and analysis: Monitoring outbreaks and cluster investigations, Referral

System Integration
System links: Link to other state registries/databases, Link case finding data to final birth file

Funding
Funding source: 100% MCH funds

Other
Web site: https://www.dhhs.nh.gov/dphs/bchs/mch/index.htm

Contacts
Suzann Beauregard, Registered Nurse
Maternal and Child Health Section, Division of Public Health Services, New Hampshire Department of Health and Human Services
29 Hazen Drive
Concord, NH 3301
Phone: (603) 271-4521
Email: Suzann.Beauregard@dhhs.nh.gov

Courtney Keane, MS
Maternal and Child Health Section, Division of Public Health Services, New Hampshire Department of Health and Human Services
29 Hazen Drive
Concord, NH 3301
Phone: (603)-271-1037
Email: Courtney.Keane@dhhs.nh.gov