

Description: **South Carolina Birth Defects**

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**Abstract:**

Health Data, SC Aggregated Counts of Birth Defects data by Mother's Age, Ethnicity, Race, and Infant Sex: This data set contains aggregated counts of the number of birth defects by Birth Defect Type, Mother's Age, Ethnicity and Race, and Infant Sex by County in the state of South Carolina. The specific birth defects for which aggregated counts are provided include: Anencephaly, Spina bifida (w/o anencephaly), Hypoplastic left heart syndrome, Tetralogy of Fallot, Transposition of the great arteries (vessels), Cleft lip with or w/o cleft palate, Cleft palate w/o cleft lip, Gastroschisis, Upper limb deficiencies, Lower limb deficiencies, and Trisomy 21. It also contains the count of live births by Mother's Age, Ethnicity and Race, and Infant Sex by County in the state of South Carolina for the aggregated data rate calculations.

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**Purpose:**

To provide the public, EPHT grantees, researchers, and other public health professionals with information pertaining to Birth Defects data in the state of South Carolina.

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**Supplemental Information:**

The South Carolina Birth Defects Program (SC BDP) is an active surveillance program. The program was established in late 2006 at SC DHEC. The earliest full year of data available from the SC BDP is 2008. The SC BDP collects data on babies up to two years of age for in-state births to South Carolina residents. The program relies on active case ascertainment to gather data. Case ascertainment is determined by certain conditions: For newborns, any chart with ICD9-CM code 740-759, any chart with a selected list of ICD9-CM codes outside 740-759, any chart with selected defects or medical conditions (e.g. abnormal facies, congenital heart disease), all prenatal diagnosed or suspected cases. And beyond newborn period, any infant with a codable defect. Note: All coding is ICD-9-CM, and only confirmed cases are provided in the data counts. Coding notes: Gastroschisis counts include Omphalocele - SC Birth Defects Program does not have a method for differentiating between these two birth defects for 2008 data. If Mother's Ethnicity was Hispanic and race was not specified, then mother's race was assigned as White. "Other" race designation includes: Asian Pacific Islander, American Indian/Alaskan Native, and Other.

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**Notes:**

Any user of this data must have reviewed and understand the metadata content before attempting to interpret or use the Birth Defects data. This is a public dataset and is not for commercial purposes. Any use of this data should contain proper data source acknowledgement: MCH, Health Services, SC DHEC and Division of Biostatistics, PHSIS, SC DHEC

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