Born in Bradford Data Dictionary

Yorkshire and Humber Congenital Anomalies Register Data

Contents

Background

This document is a data dictionary for Yorkshire and Humber Congenital Anomalies Register Data. It describes 9 variables from 1 source. This document was built from Born in Bradford database version BUILD-JAN2018.

Born in Bradford

Born in Bradford is a longitudinal multi-ethnic birth cohort study aiming to examine the impact of environmental, psychological and genetic factors on maternal and child health and wellbeing. Bradford is a city in the North of England with high levels of socio-economic deprivation and ethnic diversity. Women were recruited at the Bradford Royal Infirmary at 26-28 weeks gestation. For those consenting, a baseline questionnaire was completed. The full BiB cohort recruited 12,453 women and 3353 of their partners across 13,776 pregnancies and 13,858 children between 2007 and 2010. The cohort is broadly characteristic of the city's maternal population. Mean age of the mothers at study recruitment was 27 years old. Researchers are looking at the links between the circumstances of a child's birth, the context in which they grow up, their health and well-being and their educational progress. Ethical approval for the data collection was granted by Bradford Research Ethics Committee (Ref 07/H1302/112).

Study identifiers

Study identifiers are standardised across Born in Bradford data sources to enable linking of data from different sources.

Variable	Variable Label	Details
ChildID	BiB Child ID	Unique ID assigned to each child at birth. Where birth outcome is unknown for a given pregnancy, ChlidID will be blank and there is no child recruited to the study from that pregnancy. Use MotherID with ChildID to link siblings together. Note that twins have separate ChildIDs but the same PregnancyID.
FatherID	BiB Father ID	Unique ID assigned to partners post-recruitment. Use FatherID with PregnancyID to link fathers across pregnancies. Where FatherID matches across two PregnancyIDs, but those PregnancyIDs are associated with different MotherIDs, this is a father with two separate pregnancies in the cohort with different mothers. Likewise, where MotherID matches across two PregnancyIDs, but those PregnancyIDs are associated with different FatherIDs, this is a mother with two separate pregnancies in the cohort with different fathers.
MotherID	BiB Mother ID	Unique ID assigned to each mother post-recruitment. MotherID should be used when looking for pregnancies or children associated with the same mother. Data collected at pregnancy level will duplicate for MotherIDs that are in the study for more than one pregnancy.
PregnancyID	BiB Pregnancy ID	Unique ID assigned to each mother at recruitment. It is named PregnancyID because a mother can enrol for more than one pregnancy. If a mother returns to enrol for a second or third pregnancy, she is assigned a new PregnancyID. Children and partners from that pregnancy can be linked to the mother by the PregnancyID

Yorkshire and Humber Congenital Anomalies Register

Database ID for source: `yhcarl`

This source is measured at the **child** level. It contains data from 510 children with more than one observation per child. There are 9 variables with a total of 1269 observations.

Description

Contains data entered into the Yorkshire and Humber Congenital Anomalies Register database. This source holds long data at child level, one ICD10 code per row. These are the final codes, which are not always the same as those initially notified. Note that not all of these were confirmed post-natally, see variable yhcarlConfirmedPostnatally.

Variable	Variable Label	Details
yhcarlAntenatallyDetected	Whether notification of anomaly was from an antenatal report.	Routine Healthcare: Categorical value ——— Whether notification of anomaly was from an antenatal report. ——— 109 non-missing values 510 children with between 1 and 6 observations each ——— Coding [`yhcarllbl_AntenatallyDetected`]: 1 = yes
yhcarlAStatus	Status of congenital anomaly notification: indicates certainty of diagnosis.	Routine Healthcare: Categorical value ——— Status of congenital anomaly notification: indicates certainty of diagnosis. ——— 1269 non-missing values 510 children with between 1 and 16 observations each ——— Coding [`yhcarllbl_AStatus`]: 1 = Corrected 2 = Definitely present 3 = Not known 4 = Probably present 5 = Resolved 6 = Suspected

Variable	Variable Label	Details
yhcarlBasis	Basis of congenital anomaly notification.	Routine Healthcare: Categorical value ——— Basis of congenital anomaly notification. ——— 1269 non-missing values 510 children with between 1 and 16 observations each ——— Coding [yhcarllbl_Basis]: 1 = AFP 2 = Biochemistry 3 = Clinical examination 4 = Haemotology 5 = Karyotype 6 = Neonatal screening 7 = Not known 8 = Other 9 = Post-mortem 10 = Surgery 11 = Ultrasound 12 = X-ray
yhcarlBasisDetails	Further details of basis for congenital anomaly notification.	Routine Healthcare: Text value ——— Further details of basis for congenital anomaly notification. ——— 54 unique values 1269 non-missing values 510 children with between 1 and 16 observations each
yhcarlConfirmedPostnatally	Whether notification of (present) congenital anomaly was from a postnatal report	Routine Healthcare: Categorical value ——— Whether notification of (present) congenital anomaly was from a postnatal report ——— 1204 non-missing values 510 children with between 1 and 15 observations each ——— Coding [yhcarllbl_ConfirmedPostnatally]: 1 = yes

Variable	Variable Label	Details
yhcarlGeneticAnomaly	Genetic status of anomaly.	Routine Healthcare: Categorical value ——— Genetic status of anomaly. ——— 1256 non-missing values 510 children with between 1 and 16 observations each ——— Coding [yhcarllbl_GeneticAnomaly]: 1 = Autosomal dominant 2 = Autosomal recessive 3 = Chromosomal 4 = Not genetic 5 = Not known 6 = X-linked
yhcarlICD10Code	ICD10 code for congenital anomaly notification.	Routine Healthcare: Text value ——— ICD10 code for congenital anomaly notification. ——— 316 unique values 1269 non-missing values 510 children with between 1 and 16 observations each
yhcarlICD10Desc	ICD10 code description for congenital anomaly notification.	Routine Healthcare: Text value ——— ICD10 code description for congenital anomaly notification. ——— 315 unique values 1269 non-missing values 510 children with between 1 and 16 observations each
yhcarlPresentAtBirth	Whether congenital anomaly was present at birth.	Routine Healthcare: Categorical value ——— Whether congenital anomaly was present at birth. ——— 1081 non-missing values 510 children with between 1 and 15 observations each ——— Coding [yhcarllbl_PresentAtBirth]: 1 = yes