

Born in Bradford Data Dictionary

Residential information and sources for GIS analysis

Contents

Background	1
Born in Bradford	1
Study identifiers	2
Six monthly residential information: Child	3

Background

This document is a data dictionary for Residential information and sources for GIS analysis. It describes 11 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, ChildID 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

Six monthly residential information: Child

Database ID for source: res6mc

This source is measured at the **child** level. It contains data from 13856 children with more than one observation per child. There are 11 variables with a total of 263264 observations. 2 variables are sensitive or potentially disclosive and will be hidden from standard data packages. These are marked as *Hidden*, below.

Description

Child residence every 6 months from birth. Obtained from monthly NHS Personal Demographics Service searches.

Variable	Variable Label	Details
res6mcage	Age in months at this address	Administrative: Integer value Age in months at this address Range 0 to 108 Mean 54.00 263264 non-missing values 13856 children with between 19 and 19 observations each
res6mcbetterstart	Whether in Better Start Area	Administrative: Categorical value Whether in Better Start Area 206603 non-missing values 13856 children with between 1 and 19 observations each Coding [res6mcyesno]: 0 = No 1 = Yes
res6mcbradford	Whether in Bradford Local Authority Area	Administrative: Categorical value Whether in Bradford Local Authority Area 206603 non-missing values 13856 children with between 1 and 19 observations each Coding [res6mcyesno]: 0 = No 1 = Yes

Variable	Variable Label	Details
res6mccountry	Country of residence	Administrative: Text value Country of residence 4 unique values 263264 non-missing values 13856 children with between 19 and 19 observations each
res6mclastrec	Age in months at last known address	Administrative: Integer value Age in months at last known address Range 0 to 108 Mean 83.47 263264 non-missing values 13856 children with between 19 and 19 observations each
res6mclocal_a_code	Local Authority Code	Administrative: Text value Local Authority Code 230 unique values 263264 non-missing values 13856 children with between 19 and 19 observations each
res6mclocal_a_name	Local Authority Name	Administrative: Text value Local Authority Name 230 unique values 263264 non-missing values 13856 children with between 19 and 19 observations each
res6mclsoa_code	Lower Super Output Area Code	Administrative: Text value Lower Super Output Area Code 1998 unique values 263264 non-missing values 13856 children with between 19 and 19 observations each

Variable	Variable Label	Details
res6mclsoa_name	Lower Super Output Area Name	<p>Administrative: Text value</p> <hr/> <p>Lower Super Output Area Name</p> <hr/> <p>1998 unique values 263264 non-missing values 13856 children with between 19 and 19 observations each</p>
res6mxcx	x coordinate of residence	<p><i>[Hidden]</i> Administrative: Integer value</p> <hr/> <p>x coordinate of residence</p> <hr/> <p>Range 201575 to 652875 Mean 416397.43 206603 non-missing values 13856 children with between 1 and 19 observations each</p>
res6mcy	y coordinate of residence	<p><i>[Hidden]</i> Administrative: Integer value</p> <hr/> <p>y coordinate of residence</p> <hr/> <p>Range 53873 to 807497 Mean 430387.54 206603 non-missing values 13856 children with between 1 and 19 observations each</p>