

Born in Bradford Data Dictionary

Child blood pressure and growth at school

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Background

This document is a data dictionary for Child blood pressure and growth at school. It describes 22 variables from 2 sources. 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

NCMP Growth

Database ID for source: chgncm

This source is measured at the **child** level. It contains data from 8237 children with one observation per child. There are 14 variables with a total of 8237 observations. 3 variables are sensitive or potentially disclosive and will be hidden from standard data packages. These are marked as *Hidden*, below.

Description

Height and weight measures from the National Child Measurement Programme

Variable	Variable Label	Details
agecm_chgncm	Child age (months): NCMP Growth	Administrative: Integer value ----- Child age in months at data capture date for source: NCMP Growth ----- Range 48 to 69 Mean 57.54 8237 non-missing values
agecy_chgncm	Child age (years): NCMP Growth	Administrative: Integer value ----- Child age in years at data capture date for source: NCMP Growth ----- Range 4 to 5 Mean 4.32 8237 non-missing values
chgncm_zbmiuk90	BMI SDS - UK1990	Derived: Continuous value ----- BMI SDS - UK1990 ----- Range -4.56261 to 4.57543 Mean 0.20 8145 non-missing values
chgncm_zbmiwho06	BMI SDS - WHO 2006	Derived: Continuous value ----- BMI SDS - WHO 2006 ----- Range -3.3 to 5.95 Mean 0.46 6249 non-missing values

Variable	Variable Label	Details
chgncm_zheiuk90	Height SDS - UK1990	Derived: Continuous value Height SDS - UK1990 Range -4.39919 to 4.50605 Mean 0.03 8214 non-missing values
chgncm_zheiwho06	Height SDS - WHO 2006	Derived: Continuous value Height SDS - WHO 2006 Range -4.24 to 4.05 Mean -0.11 6299 non-missing values
chgncm_zweiuk90	Weight SDS - UK1990	Derived: Continuous value Weight SDS - UK1990 Range -6.22519 to 3.97274 Mean 0.15 8168 non-missing values
chgncm_zweiwho06	Weight SDS - WHO 2006	Derived: Continuous value Weight SDS - WHO 2006 Range -4.5 to 4.2 Mean 0.23 6268 non-missing values
chgncmbmi	BMI	Derived: Continuous value BMI Range 11.4026 to 25.6319 Mean 16.00 8145 non-missing values
chgncmheight	Height (cm)	Routine Healthcare: Continuous value Height (cm) Range 88 to 127.4 Mean 108.12 8214 non-missing values

Variable	Variable Label	Details
chgncmweight	Weight (kg)	Routine Healthcare: Continuous value <hr/> Weight (kg) <hr/> Range 9.6 to 33.2 Mean 18.76 8168 non-missing values
date_chgncm	Date: NCMP Growth	<i>[Hidden]</i> Administrative: Date value <hr/> Data capture date for source: NCMP Growth <hr/> Range 2011-09-28 to 2015-05-21 8237 non-missing values
day_chgncm	BiB day: NCMP Growth	<i>[Hidden]</i> Administrative: Integer value <hr/> Data capture date in days from BiB start for source: NCMP Growth <hr/> Range 1664 to 2995 Mean 2432.59 8237 non-missing values
dayc_chgncm	Child cohort days: NCMP Growth	<i>[Hidden]</i> Administrative: Integer value <hr/> Child days from cohort start (Birth) to data capture date for source: NCMP Growth <hr/> Range 1487 to 2109 Mean 1766.47 8237 non-missing values

School Measures: Child Blood Pressure

Database ID for source: schlbp

This source is measured at the **child** level. It contains data from 6900 children with one observation per child. There are 8 variables with a total of 6900 observations. 3 variables are sensitive or potentially disclosive and will be hidden from standard data packages. These are marked as *Hidden*, below.

Description

Blood pressure taken by school nurse as additional measures during National Child Measurement Programme visit.

Variable	Variable Label	Details
agecm_schlbp	Child age (months): School Measures: Child Blood Pressure	Administrative: Integer value <hr/> Child age in months at data capture date for source: School Measures: Child Blood Pressure <hr/> Range 53 to 70 Mean 60.81 6900 non-missing values
agecy_schlbp	Child age (years): School Measures: Child Blood Pressure	Administrative: Integer value <hr/> Child age in years at data capture date for source: School Measures: Child Blood Pressure <hr/> Range 4 to 5 Mean 4.61 6900 non-missing values
date_schlbp	Date: School Measures: Child Blood Pressure	<i>[Hidden]</i> Administrative: Date value <hr/> Data capture date for source: School Measures: Child Blood Pressure <hr/> Range 2013-02-15 to 2015-06-11 6900 non-missing values
day_schlbp	BiB day: School Measures: Child Blood Pressure	<i>[Hidden]</i> Administrative: Integer value <hr/> Data capture date in days from BiB start for source: School Measures: Child Blood Pressure <hr/> Range 2170 to 3016 Mean 2582.86 6900 non-missing values

Variable	Variable Label	Details
dayc_schlbp	Child cohort days: School Measures: Child Blood Pressure	<p><i>[Hidden]</i> Administrative: Integer value</p> <p>Child days from cohort start (Birth) to data capture date for source: School Measures: Child Blood Pressure</p> <p>Range 1621 to 2137 Mean 1864.71 6900 non-missing values</p>
schdbp	Diastolic blood pressure: Child measured by school nurse	<p>Routine Healthcare: Integer value</p> <p>Diastolic blood pressure: Child measured by school nurse</p> <p>Range 20 to 120 Mean 61.73 6899 non-missing values</p>
schlbp_cuff	Large BP cuff used when child BP measured by school nurse	<p>Routine Healthcare: Categorical value</p> <p>Large BP cuff used when child BP measured by school nurse</p> <p>6900 non-missing values</p> <p>Coding [schlbp_yesno]: 0 = No 1 = Yes</p>
schsbp	Systolic blood pressure: Child measured by school nurse	<p>Routine Healthcare: Integer value</p> <p>Systolic blood pressure: Child measured by school nurse</p> <p>Range 50 to 186 Mean 98.03 6899 non-missing values</p>