Born in Bradford Data Dictionary

Eclipse Pregnancy Data

Contents

Background

This document is a data dictionary for Eclipse Pregnancy Data. It describes 42 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, 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

eClipse Pregnancy Measures

Database ID for source: `eclprg`

This source is measured at the **pregnancy** level. It contains data from 13361 pregnancies with one observation per pregnancy. There are 32 variables with a total of 13361 observations.

Description

Pregnancy measures from eClipse electronic record and notes backfill.

Variable	Variable Label	Details
bkfcomplet	Backfill completed	Routine Healthcare: Categorical value
		————
		13361 non-missing values
		————
		Coding [`eclprgyesno`]: 0 = No 1 = Yes
bkfdiabete	Diabetes prior to pregnancy	Routine Healthcare: Categorical value
		————
		12775 non-missing values
		————
		Coding [`eclprgyesno`]: 0 = No 1 = Yes
bkfhyperex	Existing HT	Routine Healthcare: Categorical value
		————
		12764 non-missing values
		————
		Coding [`eclprgyesno`]: 0 = No 1 = Yes
bkfhyperlb	HT during labour only	Routine Healthcare: Categorical value
		————
		12389 non-missing values
		————
		Coding [`eclprgyesno`]: 0 = No 1 = Yes

Variable	Variable Label	Details
bkfhyperpi	Pregnancy induced HT	Routine Healthcare: Categorical value
		12764 non-missing values
		Coding [`eclprgbkfhyperpi`]: 0 = No 1 = Mild to moderate 2 = Severe 3 = Yes, not classified
bkfmumbkwt	Mother's booking weight	Routine Healthcare: Continuous value
		Range 33 to 155 Mean 67.77 12902 non-missing values
bkfpreeclm	Pre-eclampsia	Routine Healthcare: Categorical value
		12745 non-missing values
		Coding [`eclprgyesno`]: 0 = No 1 = Yes
drvgesbook	Gestation (wks) at booking appt	Derived: Continuous value
		Range 4.14286 to 37 Mean 12.60 12315 non-missing values
drvgesdiab	Gestational diabetes - derived from GTT and backfill notes	Derived: Categorical value
		13271 non-missing values
		Coding [`eclprggttlab`]: 0 = No 1 = Yes
drvgesdind	Source of gestational diabetes coding	Derived: Categorical value
		13271 non-missing values
		Coding [`eclprggdmindlab`]: 1 = Defined from GTT results 2 = Defined from backfill notes 3 = No gestational diabetes

Variable	Variable Label	Details
ecldbp28wk	Diastolic blood pressure at 28 wks	Routine Healthcare: Integer value Range 35 to 114 Mean 64.84 12186 non-missing values
ecldbp36wk	Diastolic blood pressure at 36 wks	Routine Healthcare: Integer value Range 30 to 130 Mean 67.82 12041 non-missing values
ecldbpbook	Diastolic blood pressure at booking	Routine Healthcare: Integer value Range 35 to 104 Mean 64.28 11874 non-missing values
eclgestday	Gestation in days	Routine Healthcare: Integer value Range 174 to 313 Mean 276.25 13361 non-missing values
eclgestwds	Gestation in weeks and days	Routine Healthcare: Continuous value Range 24.8571 to 44.7143 Mean 39.46 13361 non-missing values
eclgestwks	Gestation to last completed week	Routine Healthcare: Integer value Range 24 to 44 Mean 39.09 13361 non-missing values
ecllgthlab	Time from labour to delivery of last placenta	Routine Healthcare: Text value 1256 unique values 13361 non-missing values
eclnregbrt	Number of registerable births	Routine Healthcare: Categorical value 13361 non-missing values Coding [eclprgeclnregbrt]: 1 = Singleton 2 = Twins 3 = Triplets

Variable	Variable Label	Details
eclonstlab	Type of onset of labour	Routine Healthcare: Categorical value 13349 non-missing values Coding [`eclprgeclonstlab`]: 1 = Spontaneous 2 = No labour (caesarean section) 3 = No labour (elective caesarean section) 4 = Induction 5 = Medical induction 6 = Surgical induction 7 = Medical and surgical induction
eclpertear	Degree of perineal tearing	Routine Healthcare: Categorical value 10413 non-missing values Coding [`eclprgeclpertear`]: 0 = None 1 = Grade 1 2 = Grade 2 3 = Grade 3a 4 = Grade 3b 5 = Grade 3c 6 = Grade 4 7 = Grade 5
eclregpart	Registerable parity	Routine Healthcare: Integer value Range 0 to 10 Mean 1.16 12874 non-missing values
eclsbp28wk	Systolic blood pressure at 28 wks	Routine Healthcare: Integer value Range 52 to 188 Mean 109.50 12185 non-missing values
eclsbp36wk	Systolic blood pressure at 36 wks	Routine Healthcare: Integer value Range 63 to 190 Mean 111.59 12042 non-missing values
eclsbpbook	Systolic blood pressure at booking	Routine Healthcare: Integer value Range 63 to 181 Mean 108.41 11872 non-missing values

Variable	Variable Label	Details
flgdbp28wk	Diastolic BP at 28 weeks flag	Routine Healthcare: Categorical value
		Flag variables indicate a value was changed during QC
		4 non-missing values
		Coding [`eclprgflaglbl`]: 1 = Value checked and is correct 2 = Value was incorrect and has been changed 3 = Value cannot be verified 4 = Value not checked
flgdbp36wk	Diastolic BP at 36 weeks flag	Routine Healthcare: Categorical value
		Flag variables indicate a value was changed during QC
		6 non-missing values
		Coding [`eclprgflaglbl`]: 1 = Value checked and is correct 2 = Value was incorrect and has been changed 3 = Value cannot be verified 4 = Value not checked
flgdbpbook	Diastolic BP at booking flag	Routine Healthcare: Categorical value
		Flag variables indicate a value was changed during QC
		5 non-missing values
		Coding [`eclprgflaglbl`]: 1 = Value checked and is correct 2 = Value was incorrect and has been changed 3 = Value cannot be verified 4 = Value not checked
flggestage	Gestational age flag	Routine Healthcare: Categorical value
		Flag variables indicate a value was changed during QC
		2 non-missing values
		Coding [`eclprgflaglbl`]: 1 = Value checked and is correct 2 = Value was incorrect and has been changed 3 = Value cannot be verified 4 = Value not checked

Variable	Variable Label	Details
flgsbp28wk	Systolic BP at 28 weeks flag	Routine Healthcare: Categorical value
		Flag variables indicate a value was changed during QC
		10 non-missing values
		Coding [`eclprgflaglbl`]: 1 = Value checked and is correct 2 = Value was incorrect and has been changed 3 = Value cannot be verified 4 = Value not checked
flgsbp36wk	Systolic BP at 36 weeks flag	Routine Healthcare: Categorical value
		Flag variables indicate a value was changed during QC
		5 non-missing values
		Coding [`eclprgflaglbl`]: 1 = Value checked and is correct 2 = Value was incorrect and has been changed 3 = Value cannot be verified 4 = Value not checked
flgsbpbook	Systolic BP at booking flag	Routine Healthcare: Categorical value
		Flag variables indicate a value was changed during QC
		8 non-missing values
		Coding [`eclprgflaglbl`]: 1 = Value checked and is correct 2 = Value was incorrect and has been changed 3 = Value cannot be verified 4 = Value not checked
gttcompind	GTT completed indicator	Routine Healthcare: Integer value
		Range 0 to 1 Mean 0.89 13361 non-missing values

Maternal Baseline GTT

Database ID for source: `mbagtt`

This source is measured at the **pregnancy** level. It contains data from 12331 pregnancies with one observation per pregnancy. There are 10 variables with a total of 12331 observations. 5 variables are sensitive or potentially disclosive and will be hidden from standard data packages. These are marked as *Hidden*, below.

Description

Maternal baseline glucose tolerance test

Variable	Variable Label	Details
agemm_mbagtt	Mother age (months): Maternal Baseline GTT	Administrative: Integer value
		——————
		Mother age in months at data capture date for source: Maternal Baseline GTT
		——————
		Range 180 to 590 Mean 333.28 12331 non-missing values
agemy_mbagtt	Mother age (years): Maternal Baseline GTT	Administrative: Integer value
		——————
		Mother age in years at data capture date for source: Maternal Baseline GTT
		——————
		Range 15 to 49 Mean 27.31 12331 non-missing values
date_mbagtt	Date: Maternal Baseline GTT	*[Hidden]* Administrative: Date value
		——————
		Data capture date for source: Maternal Baseline GTT
		——————
		Range 2007-03-09 to 2010-12-24 12331 non-missing values
day_mbagtt	BiB day: Maternal Baseline GTT	*[Hidden]* Administrative: Integer value
		——————
		Data capture date in days from BiB start for source: Maternal Baseline GTT
		——————
		Range 0 to 1386 Mean 699.41 12331 non-missing values

Variable	Variable Label	Details
daym_mbagtt	Mother cohort days: Maternal Baseline GTT	*[Hidden]* Administrative: Integer value ———————— Mother days from recruitment to data capture date for source: Maternal Baseline GTT ———————— Range 0 to 1351 Mean 67.24 12331 non-missing values
daypd_mbagtt	Preg days since delivery: Maternal Baseline GTT	*[Hidden]* Administrative: Integer value ———————— Pregnancy days from delivery to data capture date for source: Maternal Baseline GTT ———————— Range -227 to 0 Mean -89.56 12238 non-missing values
daypr_mbagtt	Pregnancy cohort days: Maternal Baseline GTT	*[Hidden]* Administrative: Integer value ———————— Pregnancy days from recruitment to data capture date for source: Maternal Baseline GTT ———————— Range 0 to 1 Mean 0.00 12331 non-missing values
gttfastglu	Fasting glucose	Blood test: Continuous value ———————— Range 3 to 13.3 Mean 4.53 12328 non-missing values
gttgestwks	Gestationl age at GTT (completed weeks)	Blood test: Integer value ———————— Range 6 to 39 Mean 26.30 11957 non-missing values
gttpostglu	2-hour postload glucose	Blood test: Continuous value ———————— Range 1.6 to 27.7 Mean 5.69 12310 non-missing values