Born in Bradford Data Dictionary

Pregnancy Ultrasound Scans

Contents

Background

This document is a data dictionary for Pregnancy Ultrasound Scans. It describes 59 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

Ultrasound scans

Database ID for source: `matuss`

This source is measured at the **pregnancy** level. It contains data from 13248 pregnancies with more than one observation per pregnancy. There are 59 variables with a total of 45835 observations. 3 variables are sensitive or potentially disclosive and will be hidden from standard data packages. These are marked as *Hidden*, below.

Description

Maternal ultrasound scans

Variable	Variable Label	Details
date_matuss	Date: Ultrasound scans	*[Hidden]* Administrative: Date value
		Data capture date for source: Ultrasound scans
		Range 2006-09-13 to 2011-05-06 45835 non-missing values 13248 pregnancies with between 1 and 36 observations each
day_matuss	BiB day: Ultrasound scans	*[Hidden]* Administrative: Integer value
		Data capture date in days from BiB start for source: Ultrasound scans
		Range -177 to 1519 Mean 663.01 45835 non-missing values 13248 pregnancies with between 1 and 36 observations each
daypd_matuss	Preg days since delivery: Ultrasound scans	*[Hidden]* Administrative: Integer value
		Pregnancy days from delivery to data capture date for source: Ultrasound scans
		Range -284 to 0 Mean -123.07 45835 non-missing values 13248 pregnancies with between 1 and 36 observations each

Variable	Variable Label	Details
gestaged_matuss	Estimated gestational age (days): Ultrasound scans	Derived: Integer value
		Gestational age at data capture in days, derived from estimated gestational age at delivery, for source: Ultrasound scans
		Range 1 to 299 Mean 150.72 45111 non-missing values 13248 pregnancies with between 1 and 36 observations each
gestagew_matuss	Estimated gestational age (weeks): Ultrasound scans	Derived: Integer value
		Gestational age at data capture in weeks, derived from estimated gestational age at delivery, for source: Ultrasound scans
		Range 0 to 42 Mean 21.12 45111 non-missing values 13248 pregnancies with between 1 and 36 observations each
mussabdomcirc	Abdominal Circumference	Routine Healthcare: Continuous value
		Abdominal Circumference
		Range 25 to 419 Mean 224.41 25163 non-missing values 13248 pregnancies with between 1 and 26 observations each

Variable	Variable Label	Details
mussabdomwall	Anatomy of abdominal wall	Routine Healthcare: Categorical value

Anatomy of abdominal wall

14391 non-missing values
13248 pregnancies with between 1 and 9 observations each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details
mussamnioticflind	Liquor volume	Routine Healthcare: Continuous value
		Liquor volume
		Range 0.8 to 396.0
		Mean 51.95
		4788 non-missing values
		13248 pregnancies with between 1 and 16 observations each
mussamnioticflvol1	Amniotic fluid volume in quadrant 1	Routine Healthcare: Continuous value
		Amniotic fluid volume in quadrant 1
		Range 0.3 to 280.0
		Mean 15.62
		4723 non-missing values
		13248 pregnancies with between 1 and 16 observations each
mussamnioticflvol2	Amniotic fluid volume in quadrant 2	Routine Healthcare: Continuous value
		Amniotic fluid volume in quadrant 2
		Range 0.5 to 101.0
		Mean 14.67
		4627 non-missing values
		13248 pregnancies with between 1 and 14 observations each
mussamnioticflvol3	Amniotic fluid volume in quadrant 3	Routine Healthcare: Continuous value
		Amniotic fluid volume in quadrant 3
		Range 0.4 to 127.0
		Mean 14.36
		4227 non-missing values
		13248 pregnancies with between 1 and 10 observations each
mussamnioticflvol4	Amniotic fluid volume in quadrant 4	Routine Healthcare: Continuous value
		Amniotic fluid volume in quadrant 4
		Range 0.2 to 113.0
		Mean 15.29
		3031 non-missing values
		13248 pregnancies with between 1 and 10 observations each

Variable	Variable Label	Details
mussamnioticflvolcl	Classification of amniotic fluid volume status	Routine Healthcare: Categorical value ———— Classification of amniotic fluid volume status based on measurements obtained ———— 29030 non-missing values 13248 pregnancies with between 1 and 28 observations each ———— Coding [ussamnioticflvolclass]: 1 = Low 2 = Normal 3 = Oligo 4 = Poly 5 = Raised
mussbipardiam	Biparietal Diameter	Routine Healthcare: Continuous value ———— Biparietal Diameter ———— Range 5.6 to 450.0 Mean 52.82 19620 non-missing values 13248 pregnancies with between 1 and 24 observations each

Variable	Variable Label	Details
mussbladder	Identification, location and anatomy of bladder	Routine Healthcare: Categorical value

Identification, location and anatomy of bladder

27741 non-missing values
13248 pregnancies with between 1 and 26 observations each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details
musscerebellum	Anatomy of cerebellum	Routine Healthcare: Categorical value

Anatomy of cerebellum

NA non-missing values
13248 pregnancies with between NA and NA
observations each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details
musscrownrumplen	Crown rump length	Routine Healthcare: Continuous value
		Crown rump length
		Range 0.5 to 116.0 Mean 41.29 11532 non-missing values 13248 pregnancies with between 1 and 9 observations each

Variable	Variable Label	Details
mussdiaphragm	Anatomy of the diaphragm	Routine Healthcare: Categorical value

Anatomy of the diaphragm

26519 non-missing values
13248 pregnancies with between 1 and 20 observations each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details
mussdiastolflow	Diastolic flow	Routine Healthcare: Categorical value

Diastolic flow

7647 non-missing values
13248 pregnancies with between 1 and 18 observations
each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details
mussendomassess	Endometrium Cond	Routine Healthcare: Categorical value

Endometrium Cond

196 non-missing values
13248 pregnancies with between 1 and 2 observations each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details
mussendomthick	Thickness of endometrium	Routine Healthcare: Continuous value
		Thickness of endometrium
		Range 2 to 28 Mean 12.56 50 non-missing values 13248 pregnancies with between 1 and 2 observations each
mussexamname	Exam Name	Routine Healthcare: Categorical value
		Exam Name
		45835 non-missing values 13248 pregnancies with between 1 and 36 observations each
		Coding [ussexamname]: 1 = US Guided Amniocentesis 2 = US Multiple Pregnancy 3 = US Multiple Pregnancy Dopplers 4 = US Obstetric (Acute) 5 = US Obstetric (Doppler Study) 6 = US Obstetric (Others) 7 = US Obstetric Acute With TV Exam 8 = US Obstetric Cervical Length (TV) 9 = US Obstetric Dating Scan 10 = US Obstetric Foetal Anomaly Scan 11 = US Obstetric Foetal Growth Routine 12 = US Obstetric Placental Localisation 13 = US Obstetric Routine 14 = US Obstetric Routine (Mult Pregnancy)

Variable	Variable Label	Details
mussface	Anatomy of the face	Routine Healthcare: Categorical value

Anatomy of the face

14245 non-missing values
13248 pregnancies with between 1 and 7 observations each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details
mussfemurlen	Length of fetal femur	Routine Healthcare: Continuous value
		Length of fetal femur
		Range 0.8 to 350.0 Mean 44.53 31421 non-missing values 13248 pregnancies with between 1 and 32 observations each
mussfoetalno	Foetus number	Routine Healthcare: Integer value
		Foetus number
		Range 1 to 3 Mean 1.03 45835 non-missing values 13248 pregnancies with between 1 and 36 observations each

Variable	Variable Label	Details
mussfoetalpole	Foetal pole	Routine Healthcare: Categorical value
		———————
		Foetal pole
		———————
		999 non-missing values
		13248 pregnancies with between 1 and 4 observations each
		———————
		Coding [ussvisulaobservation]:
		1 = Abnormal
		2 = Absent
		3 = Abutting OS
		4 = Anterior
		5 = Breech
		6 = Breech legs extended
		7 = Breech maternal left
		8 = Breech maternal right
		9 = Bulky
		10 = Cephalic
		11 = Cephalic maternal left
		12 = Cephalic maternal right
		13 = Cervical
		14 = Clear of OS
		15 = Covering OS
		16 = Ectopic
		17 = Footling breech
		18 = Fundal
		19 = Head to mat. Left
		20 = Head to mat. Right
		21 = Irregular
		22 = Left lateral
		23 = Low lying
		24 = Low, clear of OS
		25 = More Than One
		26 = Normal
		27 = Not Examined
		28 = Not Present
		29 = Not seen
		30 = Oblique lie
		31 = Overlying OS
		32 = Posterior
		33 = Present
		34 = Regular
		35 = Reversed
		36 = Right lateral
		37 = See comments
		38 = See report
		39 = Seen
		40 = Thickened
		41 = Touching OS
		42 = Transverse lie
		43 = Vertical

Variable	Variable Label	Details
mussfoetalpos	Foetal position	Routine Healthcare: Categorical value

Foetal position

27703 non-missing values
13248 pregnancies with between 1 and 25 observations each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details
mussfoetalpres	Foetal present	Routine Healthcare: Categorical value

Foetal present

17518 non-missing values
13248 pregnancies with between 1 and 25 observations each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details
mussfoetalweight	Foetal weight	Routine Healthcare: Continuous value
		———————
		Foetal weight
		———————
		Range 82 to 23640 Mean 1304.49 25006 non-missing values 13248 pregnancies with between 1 and 26 observations each
mussgestagedys	Maturity days	Routine Healthcare: Integer value
		———————
		Maturity days
		———————
		Range 0 to 6 Mean 2.81 45835 non-missing values 13248 pregnancies with between 1 and 36 observations each
mussgestagewks	Maturity weeks	Routine Healthcare: Integer value
		———————
		Maturity weeks
		———————
		Range 0 to 42 Mean 21.10 45835 non-missing values 13248 pregnancies with between 1 and 36 observations each

Variable	Variable Label	Details
mussgestsacident	Gestation Sa1	Routine Healthcare: Categorical value

Gestation Sa1

1025 non-missing values
13248 pregnancies with between 1 and 4 observations
each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details
mussgestsacidentloc	Gestation Sa2	Routine Healthcare: Categorical value
		——————
		Gestation Sa2
		——————
		905 non-missing values
		13248 pregnancies with between 1 and 4 observations each
		——————
		Coding [ussvisulaobservation]:
		1 = Abnormal
		2 = Absent
		3 = Abutting OS
		4 = Anterior
		5 = Breech
		6 = Breech legs extended
		7 = Breech maternal left
		8 = Breech maternal right
		9 = Bulky
		10 = Cephalic
		11 = Cephalic maternal left
		12 = Cephalic maternal right
		13 = Cervical
		14 = Clear of OS
		15 = Covering OS
		16 = Ectopic
		17 = Footling breech
		18 = Fundal
		19 = Head to mat. Left
		20 = Head to mat. Right
		21 = Irregular
		22 = Left lateral
		23 = Low lying
		24 = Low, clear of OS
		25 = More Than One
		26 = Normal
		27 = Not Examined
		28 = Not Present
		29 = Not seen
		30 = Oblique lie
		31 = Overlying OS
		32 = Posterior
		33 = Present
		34 = Regular
		35 = Reversed
		36 = Right lateral
		37 = See comments
		38 = See report
		39 = Seen
		40 = Thickened
		41 = Touching OS
		42 = Transverse lie
		43 = Vertical

Variable	Variable Label	Details
musshead	Anatomy of head	Routine Healthcare: Categorical value

Anatomy of head

14232 non-missing values
13248 pregnancies with between 1 and 8 observations each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details
mussheadcirc	Circumference of foetal head	Routine Healthcare: Continuous value
		Circumference of foetal head
		Range 13.0 to 1840.0 Mean 224.97 30677 non-missing values 13248 pregnancies with between 1 and 33 observations each

Variable	Variable Label	Details
mussheart	Anatomy (4 chamber view) and function of heart	Routine Healthcare: Categorical value

Anatomy (4 chamber view) and function of heart

20903 non-missing values
13248 pregnancies with between 1 and 14 observations each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details
mussheartbeat	Foetal heartbeat	Routine Healthcare: Categorical value

Foetal heartbeat

45031 non-missing values
13248 pregnancies with between 1 and 34 observations each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details
mussindication	Reason for ultrasound scan	Routine Healthcare: Categorical value

Reason for ultrasound scan

30188 non-missing values
13248 pregnancies with between 1 and 28 observations each

Coding [ussindication]:
1 = Amniocentesis
2 = Bleeding
3 = Booking
4 = CVS
5 = Dating
6 = Diabetic
7 = Fetal Study
8 = Growth
9 = Medical disorder
10 = New anomaly
11 = Pain
12 = Poor obs history
13 = Prev fetal abnorm
14 = Prev obs history
15 = Reassurance
16 = Rescan anomaly
17 = See comments
18 = Transfer booker
19 = Twins
20 = Viability

Variable	Variable Label	Details
musskidney	Identification and anatomy of kidneys	Routine Healthcare: Categorical value
		Identification and anatomy of kidneys
		27113 non-missing values 13248 pregnancies with between 1 and 22 observations each
		Coding [ussvisulaobservation]: 1 = Abnormal 2 = Absent 3 = Abutting OS 4 = Anterior 5 = Breech 6 = Breech legs extended 7 = Breech maternal left 8 = Breech maternal right 9 = Bulky 10 = Cephalic 11 = Cephalic maternal left 12 = Cephalic maternal right 13 = Cervical 14 = Clear of OS 15 = Covering OS 16 = Ectopic 17 = Footling breech 18 = Fundal 19 = Head to mat. Left 20 = Head to mat. Right 21 = Irregular 22 = Left lateral 23 = Low lying 24 = Low, clear of OS 25 = More Than One 26 = Normal 27 = Not Examined 28 = Not Present 29 = Not seen 30 = Oblique lie 31 = Overlying OS 32 = Posterior 33 = Present 34 = Regular 35 = Reversed 36 = Right lateral 37 = See comments 38 = See report 39 = Seen 40 = Thickened 41 = Touching OS 42 = Transverse lie 43 = Vertical

Variable	Variable Label	Details
mussleftoutflow	Left outflow	Routine Healthcare: Categorical value

Left outflow

14060 non-missing values
13248 pregnancies with between 1 and 7 observations each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details
musslimb	Identification and anatomy of 12 long bones	Routine Healthcare: Categorical value
		————
		Identification and anatomy of 12 long bones
		————
		14043 non-missing values
		13248 pregnancies with between 1 and 7 observations each
		————
		Coding [ussvisulaobservation]:
		1 = Abnormal
		2 = Absent
		3 = Abutting OS
		4 = Anterior
		5 = Breech
		6 = Breech legs extended
		7 = Breech maternal left
		8 = Breech maternal right
		9 = Bulky
		10 = Cephalic
		11 = Cephalic maternal left
		12 = Cephalic maternal right
		13 = Cervical
		14 = Clear of OS
		15 = Covering OS
		16 = Ectopic
		17 = Footling breech
		18 = Fundal
		19 = Head to mat. Left
		20 = Head to mat. Right
		21 = Irregular
		22 = Left lateral
		23 = Low lying
		24 = Low, clear of OS
		25 = More Than One
		26 = Normal
		27 = Not Examined
		28 = Not Present
		29 = Not seen
		30 = Oblique lie
		31 = Overlying OS
		32 = Posterior
		33 = Present
		34 = Regular
		35 = Reversed
		36 = Right lateral
		37 = See comments
		38 = See report
		39 = Seen
		40 = Thickened
		41 = Touching OS
		42 = Transverse lie
		43 = Vertical

Variable	Variable Label	Details
mussplacentalsite	Placental site	Routine Healthcare: Categorical value
		Placental site
		29439 non-missing values
		13248 pregnancies with between 1 and 26 observations each
		Coding [ussvisulaobservation]:
		1 = Abnormal
		2 = Absent
		3 = Abutting OS
		4 = Anterior
		5 = Breech
		6 = Breech legs extended
		7 = Breech maternal left
		8 = Breech maternal right
		9 = Bulky
		10 = Cephalic
		11 = Cephalic maternal left
		12 = Cephalic maternal right
		13 = Cervical
		14 = Clear of OS
		15 = Covering OS
		16 = Ectopic
		17 = Footling breech
		18 = Fundal
		19 = Head to mat. Left
		20 = Head to mat. Right
		21 = Irregular
		22 = Left lateral
		23 = Low lying
		24 = Low, clear of OS
		25 = More Than One
		26 = Normal
		27 = Not Examined
		28 = Not Present
		29 = Not seen
		30 = Oblique lie
		31 = Overlying OS
		32 = Posterior
		33 = Present
		34 = Regular
		35 = Reversed
		36 = Right lateral
		37 = See comments
		38 = See report
		39 = Seen
		40 = Thickened
		41 = Touching OS
		42 = Transverse lie
		43 = Vertical

Variable	Variable Label	Details
musssacdiam1	Sac diameter 1	Routine Healthcare: Continuous value
		Sac diameter measure 1
		Range 1.5 to 43.0 Mean 11.37 131 non-missing values 13248 pregnancies with between 1 and 2 observations each
musssacdiam2	Sac diameter 2	Routine Healthcare: Continuous value
		Sac diameter measure 2
		Range 0.5 to 35.0 Mean 9.02 128 non-missing values 13248 pregnancies with between 1 and 2 observations each
musssacdiam3	Sac diameter 3	Routine Healthcare: Continuous value
		Sac diameter measure 3
		Range 1.1 to 24.0 Mean 9.24 127 non-missing values 13248 pregnancies with between 1 and 2 observations each
musssacdiammean	Sac diameter	Routine Healthcare: Continuous value
		Sac diameter
		Range 1.2 to 68.0 Mean 11.49 143 non-missing values 13248 pregnancies with between 1 and 2 observations each

Variable	Variable Label	Details
musssacoutline	Sac outline	Routine Healthcare: Categorical value
		——————
		Sac outline
		——————
		656 non-missing values
		13248 pregnancies with between 1 and 3 observations each
		——————
		Coding [ussvisulaobservation]:
		1 = Abnormal
		2 = Absent
		3 = Abutting OS
		4 = Anterior
		5 = Breech
		6 = Breech legs extended
		7 = Breech maternal left
		8 = Breech maternal right
		9 = Bulky
		10 = Cephalic
		11 = Cephalic maternal left
		12 = Cephalic maternal right
		13 = Cervical
		14 = Clear of OS
		15 = Covering OS
		16 = Ectopic
		17 = Footling breech
		18 = Fundal
		19 = Head to mat. Left
		20 = Head to mat. Right
		21 = Irregular
		22 = Left lateral
		23 = Low lying
		24 = Low, clear of OS
		25 = More Than One
		26 = Normal
		27 = Not Examined
		28 = Not Present
		29 = Not seen
		30 = Oblique lie
		31 = Overlying OS
		32 = Posterior
		33 = Present
		34 = Regular
		35 = Reversed
		36 = Right lateral
		37 = See comments
		38 = See report
		39 = Seen
		40 = Thickened
		41 = Touching OS
		42 = Transverse lie
		43 = Vertical

Variable	Variable Label	Details
mussscanedd	Scan edd	Routine Healthcare: Date value
		Scan edd
		Range 2006-11-12 to 2011-06-06 45360 non-missing values 13248 pregnancies with between 1 and 36 observations each
mussscanmethod	Scan method	Routine Healthcare: Categorical value
		Scan method
		13681 non-missing values 13248 pregnancies with between 1 and 9 observations each
		Coding [ussscanmethod]: 1 = TA + TV 2 = Trans Abdominal 3 = Trans Vaginal
mussscantype	Scan type	Routine Healthcare: Categorical value
		Scan type
		45835 non-missing values 13248 pregnancies with between 1 and 36 observations each
		Coding [ussscantype]: 1 = Early scan 2 = Dating scan 3 = Anomaly scan 4 = Growth scan 5 = Detailed scan

Variable	Variable Label	Details
mussspine	Assessment of anatomy of entirety of spine	Routine Healthcare: Categorical value

Assessment of anatomy of entirety of spine

14222 non-missing values
13248 pregnancies with between 1 and 7 observations each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details
mussstomach	Anatomy and position of stomach	Routine Healthcare: Categorical value

Anatomy and position of stomach

27867 non-missing values
13248 pregnancies with between 1 and 26 observations each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details
mussthorax	Shape (consideration of ribs, lungs and diaphragm)	Routine Healthcare: Categorical value
		Shape (consideration of ribs, lungs and diaphragm)
		13695 non-missing values
		13248 pregnancies with between 1 and 8 observations each
		Coding [ussvisulaobservation]:
		1 = Abnormal
		2 = Absent
		3 = Abutting OS
		4 = Anterior
		5 = Breech
		6 = Breech legs extended
		7 = Breech maternal left
		8 = Breech maternal right
		9 = Bulky
		10 = Cephalic
		11 = Cephalic maternal left
		12 = Cephalic maternal right
		13 = Cervical
		14 = Clear of OS
		15 = Covering OS
		16 = Ectopic
		17 = Footling breech
		18 = Fundal
		19 = Head to mat. Left
		20 = Head to mat. Right
		21 = Irregular
		22 = Left lateral
		23 = Low lying
		24 = Low, clear of OS
		25 = More Than One
		26 = Normal
		27 = Not Examined
		28 = Not Present
		29 = Not seen
		30 = Oblique lie
		31 = Overlying OS
		32 = Posterior
		33 = Present
		34 = Regular
		35 = Reversed
		36 = Right lateral
		37 = See comments
		38 = See report
		39 = Seen
		40 = Thickened
		41 = Touching OS
		42 = Transverse lie
		43 = Vertical

Variable	Variable Label	Details
musstranscerdiam	Transcerebellar diameter	Routine Healthcare: Continuous value
		Transcerebellar diameter
		Range 0.6 to 210.0 Mean 23.99 208 non-missing values 13248 pregnancies with between 1 and 1 observations each
mussumbartrindex	Umbilcal artery resistance index	Routine Healthcare: Continuous value
		Umbilcal artery resistance index
		Range 0.5 to 3.8 Mean 1.13 12 non-missing values 13248 pregnancies with between 1 and 2 observations each

Variable	Variable Label	Details
mussumbilicalcord	Umbilical Cord	Routine Healthcare: Categorical value
		————
		Umbilical Cord
		————
		12409 non-missing values
		13248 pregnancies with between 1 and 20 observations each
		————
		Coding [ussvisulaobservation]:
		1 = Abnormal
		2 = Absent
		3 = Abutting OS
		4 = Anterior
		5 = Breech
		6 = Breech legs extended
		7 = Breech maternal left
		8 = Breech maternal right
		9 = Bulky
		10 = Cephalic
		11 = Cephalic maternal left
		12 = Cephalic maternal right
		13 = Cervical
		14 = Clear of OS
		15 = Covering OS
		16 = Ectopic
		17 = Footling breech
		18 = Fundal
		19 = Head to mat. Left
		20 = Head to mat. Right
		21 = Irregular
		22 = Left lateral
		23 = Low lying
		24 = Low, clear of OS
		25 = More Than One
		26 = Normal
		27 = Not Examined
		28 = Not Present
		29 = Not seen
		30 = Oblique lie
		31 = Overlying OS
		32 = Posterior
		33 = Present
		34 = Regular
		35 = Reversed
		36 = Right lateral
		37 = See comments
		38 = See report
		39 = Seen
		40 = Thickened
		41 = Touching OS
		42 = Transverse lie
		43 = Vertical

Variable	Variable Label	Details
mussumbpulsindex	Umbilcal pulsatility index	Routine Healthcare: Continuous value
		Umbilcal pulsatility index
		Range 0.4 to 49.0 Mean 1.13 317 non-missing values 13248 pregnancies with between 1 and 6 observations each

Variable	Variable Label	Details
mussuterus	Anatomy of uterus	Routine Healthcare: Categorical value

Anatomy of uterus

442 non-missing values
13248 pregnancies with between 1 and 3 observations each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details
mussyolksac	Yolk sac	Routine Healthcare: Categorical value

Yolk sac

738 non-missing values
13248 pregnancies with between 1 and 3 observations each

Coding [ussvisulaobservation]:
1 = Abnormal
2 = Absent
3 = Abutting OS
4 = Anterior
5 = Breech
6 = Breech legs extended
7 = Breech maternal left
8 = Breech maternal right
9 = Bulky
10 = Cephalic
11 = Cephalic maternal left
12 = Cephalic maternal right
13 = Cervical
14 = Clear of OS
15 = Covering OS
16 = Ectopic
17 = Footling breech
18 = Fundal
19 = Head to mat. Left
20 = Head to mat. Right
21 = Irregular
22 = Left lateral
23 = Low lying
24 = Low, clear of OS
25 = More Than One
26 = Normal
27 = Not Examined
28 = Not Present
29 = Not seen
30 = Oblique lie
31 = Overlying OS
32 = Posterior
33 = Present
34 = Regular
35 = Reversed
36 = Right lateral
37 = See comments
38 = See report
39 = Seen
40 = Thickened
41 = Touching OS
42 = Transverse lie
43 = Vertical

Variable	Variable Label	Details