

ANTENATAL SCREENING DATASET

Data Item, Basis, Explanation and Values

Version 4.3: April 2005

Data items: 80

REFERENCE DATASETS

ANSAG	Antenatal Screening Advisory Group
BAPM	British Association of Perinatal Medicine
BNDS	Birth Notification Data Set
CAR	WM Congenital Anomalies Register
CDS	Commissioning Data Set
CEMACH	Confidential Enquiry into Maternal and Child Health
CNST	Clinical Negligence Scheme for Trusts
GROW	Gestation Related Optimum Weight
HES	Hospital Episode Statistics
HOI	Health Outcome Indicators – Normal Pregnancy and Childbirth
M-PAG	Maternity Professional Advisory Group – West Midlands
N-PAG	Neonatal Professional Advisory Group – West Midlands
NSC	National Screening Committee
RCOG	Royal College of Obstetricians and Gynaecologists
RCR	Royal College of Radiologists
RUG	Regional Ultrasound Group
SS	Sure Start

This is a subset of the Maternity Core Data Index of the Maternal and Neonatal Electronic Recording System (MANNERS) produced by the Perinatal Institute www.perinatal.nhs.uk/manners/maternitydata.htm. It contains 80 data fields, which have been compiled into an audit tool for the antenatal screening co-ordinators in the West Midlands.

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A1. MATERNAL DETAILS - Demographics

DATA ITEM	NHS Number
BASIS	Unique person identifier
EXPLANATION	Unique identifier for use at all levels and for record linkage with maternal data
INPUT OPTIONS	3-3-4 numerical format
DATA ORIGIN	BAPM, BNDS, CAR, CEMACH, CNST, HES, M-PAG, N-PAG

DATA ITEM	Date of Birth
BASIS	To ascertain age for screening tests and age at delivery
EXPLANATION	Requirement for NN4B
INPUT OPTIONS	DD/MM/YYYY
DATA ORIGIN	BNDS, CAR, CDS, CEMACH, HES, M-PAG, SS

DATA ITEM	Postcode of mother
BASIS	Identification of maternal residence
EXPLANATION	To derive geographical distribution of babies Link to district code to compare with ONS data To derive deprivation score
INPUT OPTIONS	Alphanumerical format (Post Office Preferred Format)
DATA ORIGIN	BAPM, CAR, CDS, CEMACH, HES, M-PAG, SS

DATA ITEM	Geographical Ethnic Origin (GEO) of mother
BASIS	Classification by origin to support medical data
EXPLANATION	The current ONS/Census groupings do not meet requirements for medical data. In the perinatal field, this includes detailing maternal ethnic origin when assessing fetal growth (as recommended by RCOG guidelines) and identifying those at risk for haemoglobinopathy screening. The GEO classification is now used across the West Midlands. However, the options do map to ONS requirements for NN4B submissions.
INPUT OPTIONS	<p><i>Mutually exclusive</i></p> <p>Pick list within each group</p> <p><i>Africa</i></p> <ul style="list-style-type: none"> - North Africa - SubSahara - Other <p><i>Asia</i></p> <ul style="list-style-type: none"> - India - Pakistan - Bangladesh - China - Far East Asia – Other - South East Asia - Other <p><i>Caribbean</i></p> <p><i>Europe</i></p> <ul style="list-style-type: none"> - Britain - Ireland - Northern Europe - Western Europe - Eastern Europe - Southern Europe - Other <p><i>Middle East</i></p> <p><i>Other</i></p>
DATA ORIGIN	BNDS, CAR, CDS, CEMACH, GROW, HES, M-PAG, NSC

A2. MATERNAL DETAILS – General Practitioner details

DATA ITEM	GP Code
BASIS	Unique GP identifier
EXPLANATION	Requirement for NN4B
INPUT OPTIONS	Linked to National GP database
DATA ORIGIN	BNDS, CDS, CEMACH, HES, M-PAG, N-PAG

DATA ITEM	Practice code
BASIS	Practice location identifier
EXPLANATION	Requirement for NN4B
INPUT OPTIONS	Linked to National GP database
DATA ORIGIN	BNDS, CEMACH, M-PAG, N-PAG

B1. ANTENATAL SCREENING – Blood tests

DATA ITEM	Blood group
BASIS	Record of group required for pregnancy care
EXPLANATION	Information required on documentation – reference for checking cross matching
INPUT OPTIONS	<i>Mutually exclusive</i> A B AB O
DATA ORIGIN	ANSAG

DATA ITEM	Rhesus group
BASIS	Record of group required for pregnancy care
EXPLANATION	Information required on documentation as an indicator for Anti-D Prophylaxis NICE guidelines
INPUT OPTIONS	<i>Mutually exclusive</i> Positive Negative
DATA ORIGIN	ANSAG, HOI

DATA ITEM	Haemoglobin at booking
BASIS	Record of first haemoglobin status
EXPLANATION	Clinical indicator for risk of anaemia during pregnancy
INPUT OPTIONS	Numerical format, expressed as g/dl
DATA ORIGIN	ANSAG

DATA ITEM	Haemoglobin pre-delivery
BASIS	Record of current haemoglobin status
EXPLANATION	Clinical indicator for risk as a result of haemorrhage intrapartum/post-delivery
INPUT OPTIONS	Numerical format, expressed as g/dl
DATA ORIGIN	ANSAG

B2. ANTENATAL SCREENING – Haemoglobinopathy screening

DATA ITEM	Mother's family origin
BASIS	NSC proposed standards
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes
INPUT OPTIONS	<i>Mutually exclusive</i> Requested Not Requested
DATA ORIGIN	NSC

DATA ITEM	Haemoglobinopathy screening offered to mother
BASIS	NHS Plan (DoH 2002) advocates a linked antenatal and neonatal screening programme for haemoglobinopathies and sickle cell disease by 2004
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes
INPUT OPTIONS	<i>Mutually exclusive</i> Offer accepted Offer declined (+ free text to document details) Not offered
DATA ORIGIN	ANSAG, NSC

DATA ITEM	Date of haemoglobinopathy screening offer
BASIS	NSC proposed standards
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes Required for calculation of pregnancy gestation when test offered
INPUT OPTIONS	DD/MM/YYYY
DATA ORIGIN	NSC

DATA ITEM	Haemoglobinopathy screen test date
BASIS	NSC proposed standards
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes Required for calculation of pregnancy gestation when test performed
INPUT OPTIONS	DD/MM/YYYY
DATA ORIGIN	NSC

DATA ITEM	Haemoglobinopathy screen test result
BASIS	NHS Plan (DoH 2002) advocates a linked antenatal and neonatal screening programme for haemoglobinopathies and sickle cell disease by 2004
EXPLANATION	Indicator for risk of sickle cell disease and thalasaemia major in current pregnancy
INPUT OPTIONS	<i>Mutually exclusive</i> Normal Abnormal (pick list of abnormal haemoglobinopathies) Inconclusive
DATA ORIGIN	ANSAG, NSC

DATA ITEM	Action following abnormal result
BASIS	NSC proposed standards
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes
INPUT OPTIONS	<i>Non-mutually exclusive</i> Closure of screening episode Specialist review / Risk assessment
DATA ORIGIN	NSC

DATA ITEM	Date of action
BASIS	NSC proposed standards
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes Required for calculation of pregnancy gestation when action taken
INPUT OPTIONS	DD/MM/YYYY
DATA ORIGIN	NSC

DATA ITEM	Father's family origin
BASIS	NSC proposed standards
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes
INPUT OPTIONS	<i>Mutually exclusive</i> Requested Not Requested
DATA ORIGIN	NSC

DATA ITEM	Geographical Ethnic Origin (GEO) of father of baby
BASIS	Classification by origin to support medical data pertaining to haemoglobinopathies
EXPLANATION	The current ONS/Census groupings do not meet requirements for medical data. In the perinatal field, this includes detailing paternal ethnic origin when identifying those babies at risk for haemoglobinopathy screening. The GEO classification is now used across the West Midlands. However, the options do not map to ONS requirements for NN4B submissions.
INPUT OPTIONS	<p><i>Mutually exclusive</i></p> <p>Pick list within each group</p> <p><i>Africa</i></p> <ul style="list-style-type: none"> - North Africa - SubSahara - Other <p><i>Asia</i></p> <ul style="list-style-type: none"> - India - Pakistan - Bangladesh - China - Far East Asia – Other - South East Asia - Other <p><i>Caribbean</i></p> <p><i>Europe</i></p> <ul style="list-style-type: none"> - Britain - Ireland - Northern Europe - Western Europe - Eastern Europe - Southern Europe - Other <p><i>Middle East</i></p> <p><i>Other</i></p>
DATA ORIGIN	BNDS, CDS, CEMACH, GROW, HES, M-PAG, NSC

DATA ITEM	Haemoglobinopathy screening offered to father of baby
BASIS	NHS Plan (DoH 2002) advocates a linked antenatal and neonatal screening programme for haemoglobinopathies and sickle cell disease by 2004
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes
INPUT OPTIONS	<p><i>Mutually exclusive</i></p> <p>Offer accepted</p> <p>Offer declined (+ free text to document details)</p> <p>Not offered – mother declined</p> <p>Not offered – father unavailable</p>
DATA ORIGIN	ANSAG, NSC

DATA ITEM	Date of haemoglobinopathy screening offer to father of baby
BASIS	NSC proposed standards
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes Required for calculation of pregnancy gestation when test offered
INPUT OPTIONS	DD/MM/YYYY
DATA ORIGIN	NSC

DATA ITEM	Haemoglobinopathy screen test date for father of baby
BASIS	NSC proposed standards
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes
INPUT OPTIONS	DD/MM/YYYY
DATA ORIGIN	NSC

DATA ITEM	Haemoglobinopathy screen test result for father of baby
BASIS	NHS Plan (DoH 2002) advocates a linked antenatal and neonatal screening programme for haemoglobinopathies and sickle cell disease by 2004
EXPLANATION	Indicator for risk of sickle cell disease and thalassaemia major in offspring
INPUT OPTIONS	<i>Mutually exclusive</i> Normal Abnormal (pick list of abnormal haemoglobinopathies) Inconclusive
DATA ORIGIN	ANSAG, NSC

B3. ANTENATAL SCREENING – Infectious diseases screening

DATA ITEM	Rubella screening offered
BASIS	Record of rubella status in pregnancy Infectious Disease Standards DoH 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes
INPUT OPTIONS	<i>Mutually exclusive</i> Offer accepted Offer declined (+ free text to document details) Not offered
DATA ORIGIN	ANSAG

DATA ITEM	Rubella screen test date
BASIS	Infectious Disease Standards DoH 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes Required for calculation of pregnancy gestation when test performed
INPUT OPTIONS	DD/MM/YYYY
DATA ORIGIN	NSC

DATA ITEM	When Rubella screening test performed
BASIS	Infectious Disease Standards DoH 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes Required to determine when test was performed
INPUT OPTIONS	<i>Mutually exclusive</i> Antenatal period Intrapartum period Postnatal period
DATA ORIGIN	NSC

DATA ITEM	Rubella screen test result
BASIS	Record of rubella status in pregnancy Infectious Disease Standards DoH 2003
EXPLANATION	Clinical indicator for risk of acquiring an infection which is potentially hazardous to the fetus and the need for postpartum immunisation strategy
INPUT OPTIONS	≤ 10 iu/ml (IgG negative, therefore non-immune) > 10 iu/ml (IgG positive, therefore immune)
DATA ORIGIN	ANSAG

DATA ITEM	Action following IgG negative test
BASIS	Infectious Disease Standards DoH 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes
INPUT OPTIONS	<i>Non-mutually exclusive</i> Offered test in postnatal period Immunised in postnatal period
DATA ORIGIN	NSC

DATA ITEM	Hepatitis B screening offered
BASIS	Record of status in pregnancy Infectious Disease Standards DoH 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes
INPUT OPTIONS	<i>Mutually exclusive</i> Offer accepted Offer declined (+ free text to document details) Not offered
DATA ORIGIN	ANSAG

DATA ITEM	Hepatitis B screen test date
BASIS	Infectious Disease Standards DoH 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes Required for calculation of pregnancy gestation when test performed
INPUT OPTIONS	DD/MM/YYYY
DATA ORIGIN	NSC

DATA ITEM	When Hepatitis B screening test performed
BASIS	Infectious Disease Standards DoH 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes Required to determine when test was performed
INPUT OPTIONS	<i>Mutually exclusive</i> Antenatal period Intrapartum period Postnatal period
DATA ORIGIN	NSC

DATA ITEM	Hepatitis B screen test result
BASIS	Record of status in pregnancy Infectious Disease Standards DoH 2003
EXPLANATION	Clinical indicator for intrapartum alert and neonatal immunisation strategy
INPUT OPTIONS	<i>Mutually exclusive</i> Positive Negative
DATA ORIGIN	ANSAG

DATA ITEM	Action following positive result
BASIS	Infectious Disease Standards DoH 2003
EXPLANATION	Clinical indicator for intrapartum alert and neonatal immunisation strategy
INPUT OPTIONS	<i>Non-mutually exclusive</i> Family testing arranged Specialist review
DATA ORIGIN	ANSAG

DATA ITEM	Syphilis screening offered
BASIS	Record of status in pregnancy Infectious Disease Standards DoH 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes
INPUT OPTIONS	<i>Mutually exclusive</i> Offer accepted Offer declined (+ free text to document details) Not offered
DATA ORIGIN	ANSAG

DATA ITEM	Syphilis screen test date
BASIS	Infectious Disease Standards DoH 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes Required for calculation of pregnancy gestation when test performed
INPUT OPTIONS	DD/MM/YYYY
DATA ORIGIN	NSC

DATA ITEM	When Syphilis screening test performed
BASIS	Infectious Disease Standards DoH 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes Required to determine when test was performed
INPUT OPTIONS	<i>Mutually exclusive</i> Antenatal period Intrapartum period Postnatal period
DATA ORIGIN	NSC

DATA ITEM **Syphilis screen-reactive**
BASIS Record of status in pregnancy
Infectious Disease Standards DoH 2003
EXPLANATION Clinical indicator of risk for maternal treatment and neonatal and family care
INPUT OPTIONS *Mutually exclusive*
Yes
No
DATA ORIGIN ANSAG

DATA ITEM **Action following screen-reactive result**
BASIS Record of status in pregnancy
Infectious Disease Standards DoH 2003
EXPLANATION Clinical indicator of risk for maternal treatment and neonatal and family care
INPUT OPTIONS *Non-mutually exclusive*
Confirmation test
GU review
DATA ORIGIN ANSAG

DATA ITEM **HIV screening offered**
BASIS Record of status in pregnancy
Infectious Disease Standards DoH 2003
EXPLANATION Monitoring and audit of screening provision for local and regional QA arrangements
and commissioning purposes
INPUT OPTIONS *Mutually exclusive*
Offer accepted
Offer declined (no reason)
Offer declined (not perceived at risk)
Offer declined (specialist review)
Not offered
DATA ORIGIN ANSAG

DATA ITEM **HIV screen test date**
BASIS Infectious Disease Standards DoH 2003
EXPLANATION Monitoring and audit of screening provision for local and regional QA arrangements
and commissioning purposes
Required for calculation of pregnancy gestation when test performed
INPUT OPTIONS DD/MM/YYYY
DATA ORIGIN NSC

DATA ITEM	When HIV screening test performed
BASIS	Infectious Disease Standards DoH 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes Required to determine when test was performed
INPUT OPTIONS	<i>Mutually exclusive</i> Antenatal period Intrapartum period Postnatal period
DATA ORIGIN	NSC

DATA ITEM	HIV screen test result
BASIS	Record of status in pregnancy Infectious Disease Standards DoH 2003
EXPLANATION	Clinical indicator of risk for maternal treatment and neonatal and family care
INPUT OPTIONS	<i>Mutually exclusive</i> Positive Negative
DATA ORIGIN	ANSAG

DATA ITEM	Action following positive test result
BASIS	Infectious Disease Standards DoH 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes
INPUT OPTIONS	<i>Non-mutually exclusive</i> Result explained person to person Specialist counselling Confirmatory test performed Referral to HIV specialist
DATA ORIGIN	ANSAG

B4. ANTENATAL SCREENING – Down's syndrome screening

DATA ITEM	Down's screening offered
BASIS	NSC Standards January 2003
EXPLANATION	Clinical indicator of risk of fetal anomalies
INPUT OPTIONS	<i>Mutually exclusive</i> Offer accepted Offer declined (+ free text to document details) Not offered – late booker Not offered (+ free text to document details)
DATA ORIGIN	CAR, NSC

DATA ITEM	Screening leaflet given
BASIS	NSC Standards January 2003
EXPLANATION	Facilitates audit of informed choice
INPUT OPTIONS	<i>Mutually exclusive</i> Yes No
DATA ORIGIN	CAR, NSC

DATA ITEM	Type of test
BASIS	NSC Standards January 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes
INPUT OPTIONS	<i>Non-mutually exclusive</i> 1 st trimester serum Nuchal translucency 2 nd trimester serum
DATA ORIGIN	CAR, NSC

DATA ITEM	Date of test
BASIS	NSC Standards January 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes Required for calculation of gestation and maternal age when test performed
INPUT OPTIONS	DD/MM/YYYY
DATA ORIGIN	CAR, NSC

DATA ITEM	Test result risk
BASIS	NSC Standards January 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes
INPUT OPTIONS	Numerical format (Moms)
DATA ORIGIN	CAR, NSC

B5. ANTENATAL SCREENING – Neural tube defect screening

DATA ITEM	Neural tube defect test offer
BASIS	NSC Standards January 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes
INPUT OPTIONS	<i>Mutually exclusive</i> Offer accepted Offer declined (+ free text to document details) Not offered – late booker Not offered (+ free text to document details)
DATA ORIGIN	CAR, NSC

DATA ITEM	Screening leaflet given
BASIS	NSC Standards January 2003
EXPLANATION	Facilitates audit of informed choice
INPUT OPTIONS	<i>Mutually exclusive</i> Yes No
DATA ORIGIN	NSC

DATA ITEM	Neural tube defect test date
BASIS	NSC Standards January 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes
INPUT OPTIONS	DD/MM/YYYY
DATA ORIGIN	CAR, NSC

DATA ITEM	Neural tube defect test result
BASIS	NSC Standards January 2003
EXPLANATION	Monitoring and audit of screening provision for local and regional QA arrangements and commissioning purposes
INPUT OPTIONS	<i>Mutually exclusive</i> Low risk High risk
DATA ORIGIN	CAR, NSC

B6. ANTENATAL SCREENING – Booking scan

DATA ITEM	Date of scan
BASIS	Record of date when scan performed
EXPLANATION	Used in calculation of EDD by scan and to calculate gestation for follow up
INPUT OPTIONS	DD/MM/YYYY
DATA ORIGIN	CAR, NSC, RCOG, RCR, RUG

DATA ITEM	Gestation
BASIS	Record of gestation at time of booking scan
EXPLANATION	Derived from biometry details used to calculate EDD Establishes gestation of detection for any congenital anomalies – effectiveness of ultrasound screening Required for accurate calculation of Downs risk and nuchal translucency measurement or serum analytes Used in analysis of fetal loss
INPUT OPTIONS	Calculated field displayed as numerical format
DATA ORIGIN	CAR, NSC, RCOG, RCR, RUG

DATA ITEM	Fetal heart
BASIS	Detection/screening of fetal anomalies during antenatal period
EXPLANATION	Facilitates assessment of pregnancy viability
INPUT OPTIONS	<i>Mutually exclusive</i> Present Not present
DATA ORIGIN	CAR, NSC, RCOG, RCR, RUG

DATA ITEM	Crown rump length (CRL)
BASIS	Record of CRL measurement at booking scan
EXPLANATION	Parameter required for calculation of gestation at scan
INPUT OPTIONS	Numerical format, expressed in millimetres
DATA ORIGIN	CAR, NSC, RCOG, RCR, RUG

DATA ITEM	Biparietal diameter (BPD)
BASIS	Record of BPD measurement at booking scan
EXPLANATION	Parameter required for calculation of gestation at scan
INPUT OPTIONS	Numerical format, expressed in millimetres
DATA ORIGIN	CAR, NSC, RCOG, RCR, RUG

DATA ITEM	Nuchal translucency (NT)
BASIS	Record of NT measurement at booking scan (in multiple pregnancy)
EXPLANATION	Required to determine risk of Down's according to gestation Predictor for other congenital anomalies
INPUT OPTIONS	Numerical format, expressed in millimetres
DATA ORIGIN	CAR, NSC, RCOG, RCR, RUG

DATA ITEM	Neural tube defect
BASIS	Detection/screening of fetal anomalies during antenatal period
EXPLANATION	Presence of fetal anomaly, detectable on booking scan
INPUT OPTIONS	<i>Mutually exclusive</i> Anencephaly Spina bifida Encephalocele Not seen
DATA ORIGIN	CAR, NSC, RCOG, RCR, RUG

DATA ITEM	Abdominal wall defect
BASIS	Detection/screening of fetal anomalies during antenatal period
EXPLANATION	Presence of fetal anomaly, detectable on booking scan
INPUT OPTIONS	<i>Mutually exclusive</i> Yes No
DATA ORIGIN	CAR, NSC, RCOG, RCR, RUG

DATA ITEM	Other structural anomaly
BASIS	Detection/screening of fetal anomalies during antenatal period
EXPLANATION	To record any other congenital anomalies detected
INPUT OPTIONS	Free text to document details
DATA ORIGIN	CAR, NSC, RCOG, RCR, RUG

C1. PRENATAL DIAGNOSIS – Diagnostic tests

DATA ITEM	Offer of test
BASIS	RCOG Guidance No. 8A 2004 and NSC proposed standards
EXPLANATION	Monitoring of service provision and indicator of risk
INPUT OPTIONS	<i>Mutually exclusive</i> Offer accepted Offer declined (+ free text to document details) Not offered (+ free text to document details)
DATA ORIGIN	CAR, NSC

DATA ITEM	Type of test
BASIS	RCOG Guidance No. 8A 2004 and NSC proposed standards
EXPLANATION	Monitoring of service provision and indicator of risk
INPUT OPTIONS	<i>Mutually exclusive</i> Chorionic Villus Sampling Amniocentesis Fetal blood sampling Test not done (+ free text to document details)
DATA ORIGIN	CAR, NSC

DATA ITEM	Why offered
BASIS	RCOG Guidance No. 8A 2004 and NSC proposed standards
EXPLANATION	Monitoring of service provision and indicator of risk
INPUT OPTIONS	<i>Non-mutually exclusive</i> Higher risk Maternal age Family history USS indication HBO risk factor Other (+ free text to document details)
DATA ORIGIN	CAR, NSC

DATA ITEM	Laboratory techniques
BASIS	RCOG Guidance No. 8A 2004 and NSC proposed standards
EXPLANATION	Monitoring of service provision
INPUT OPTIONS	<i>Non-mutually exclusive</i> Full karyotype PCR FISH DNA analysis
DATA ORIGIN	CAR, NSC

DATA ITEM	Test date
BASIS	RCOG Guidance No. 8A 2004 and NSC proposed standards
EXPLANATION	Monitoring of service provision, and calculation of gestation of pregnancy and maternal age when test undertaken
INPUT OPTIONS	DD/MM/YYYY
DATA ORIGIN	CAR, NSC

DATA ITEM	Test result
BASIS	RCOG Guidance No. 8A 2004 and NSC proposed standards
EXPLANATION	Monitoring of service provision and congenital anomalies
INPUT OPTIONS	<i>Mutually exclusive</i> Normal karyotype Positive Down's Abnormal HBO (pick list of abnormal haemoglobinopathies) Other (+ free text to document details)
DATA ORIGIN	CAR, NSC

C2. PRENATAL DIAGNOSIS – Anomaly scan

DATA ITEM	Date of scan
BASIS	Record of date when scan performed
EXPLANATION	Used to calculate gestation at scan, and EDD
INPUT OPTIONS	DD/MM/YYYY
DATA ORIGIN	CAR, NSC, RCOG, RCR, RUG

DATA ITEM	Gestation at scan
BASIS	Record of gestation calculation when scan performed
EXPLANATION	Establishes gestation of detection for any congenital anomalies for effectiveness of ultrasound screening
INPUT OPTIONS	Calculated field displayed as numerical format
DATA ORIGIN	CAR, NSC, RCOG, RCR, RUG

DATA ITEM	Markers for trisomy
BASIS	Detection/screening of fetal anomalies during antenatal period
EXPLANATION	To screen for cases of trisomy
INPUT OPTIONS	<i>Mutually exclusive</i> Seen <i>Pick list for seen option – non-mutually exclusive</i> <ul style="list-style-type: none">- Nuchal pad- Echogenic bowel- Choroid plexus cyst(s)- Echogenic focus- Dilated renal pelvis- Short femur Not seen
DATA ORIGIN	CAR, NSC, RCOG, RCR, RUG

DATA ITEM	Other anomalies
BASIS	Detection/screening of fetal anomalies during antenatal period
EXPLANATION	Identification of other anomalies
INPUT OPTIONS	Free text to document details
DATA ORIGIN	CAR, NSC, RCOG, RCR, RUG

D. DELIVERY DETAILS - BABY

DATA ITEM	Outcome of pregnancy
BASIS	Records outcome of pregnancy
EXPLANATION	Requirement for NN4B Facilitates audit on outcome
INPUT OPTIONS	<i>Mutually exclusive</i> Live Antepartum stillbirth Intrapartum stillbirth Indeterminate stillbirth Spontaneous miscarriage Miscarriage after invasive procedure TOP – medical TOP - surgical Alive but died Other (+ free text to document details)
DATA ORIGIN	BAPM, BNDS, CAR, CDS, CEMACH, HES, HOI, M-PAG, RCOG, SS

DATA ITEM	Date of delivery
BASIS	Date of delivery of the baby
EXPLANATION	Requirement for NN4B Required to derive patient age for analysis by age at admission or discharge, for screening, to assist clinical care
INPUT OPTIONS	DD/MM/YYYY
DATA ORIGIN	BAPM, BNDS, CDS, CEMACH, HES, M-PAG, N-PAG

DATA ITEM	Time of delivery
BASIS	Time of delivery of the baby
EXPLANATION	Requirement for NN4B Required to derive patient age for analysis by age at admission or discharge, for screening, to assist clinical care
INPUT OPTIONS	HH:MM (24 hour clock)
DATA ORIGIN	BAPM, BNDS, CDS, CEMACH, HES, M-PAG, N-PAG

DATA ITEM	Gender
BASIS	Phenotypic classification of appearance of sex of baby at delivery
EXPLANATION	Required for NN4B Facilitates analysis of outcome by sex
INPUT OPTIONS	<i>Mutually exclusive</i> Male Female Not specified Not known
DATA ORIGIN	BAPM, BNDS, CDS, CEMACH, HES, M-PAG, N-PAG

DATA ITEM	Birth weight
BASIS	The first weight of the baby obtained after birth recorded in grams, ideally within an hour of delivery
EXPLANATION	Requirement for NN4B Indicator of pregnancy outcome Major risk factor for neonatal mortality and morbidity Required to plan perinatal services for high risk babies
INPUT OPTIONS	Numerical format, expressed in grams
DATA ORIGIN	BAPM, BNDS, CDS, CEMACH, HES, HOI, M-PAG, N-PAG, SS

DATA ITEM	Gestation at delivery
BASIS	Number of weeks of age of baby at time of delivery calculated by first trimester dating ultrasound scan or menstrual date
EXPLANATION	Requirement for NN4B A determinant of outcome
INPUT OPTIONS	Calculated field
DATA ORIGIN	BAPM, BNDS, CDS, CEMACH, HES, HOI, M-PAG, N-PAG

DATA ITEM	Birth order
BASIS	The sequence in which the baby was born in a multiple birth
EXPLANATION	Requirement for NN4B To analyse pregnancy outcome according to birth order and to identify the individual baby resulting from a multiple birth pregnancy
INPUT OPTIONS	<i>Mutually exclusive</i> Singleton First of twins Second of twins First of triplets, etc.
DATA ORIGIN	BAPM, BNDS, CDS, CEMACH, HES, M-PAG

DATA ITEM	NHS Baby Number
BASIS	Unique identifier for baby
EXPLANATION	Produced on submission of NN4B data - facilitates record linkage
INPUT OPTIONS	Numerical – generated from NN4B notification
DATA ORIGIN	BAPM, BNDS, CDS, CEMACH, HES, M-PAG, N-PAG

DATA ITEM	Hepatitis B immunisation given
BASIS	Infectious Disease Standards DoH 2003
EXPLANATION	To audit neonatal immunisation strategy following positive maternal Hepatitis B screening result
INPUT OPTIONS	<i>Mutually exclusive</i> Yes No
DATA ORIGIN	ANSAG