

Core Data Index

Reducing Perinatal Mortality Project

Version 2: January 2006

Data items: 34

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A. MATERNAL DETAILS

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 Not Known – Hospital number as identifier Not documented - Hospital number as identifier

DATA ITEM	Postcode of mother at time of delivery
BASIS	Identification of residence at time of birth
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) Not Known Not Documented

DATA ITEM	GP Code
BASIS	Unique GP identifier
EXPLANATION	Requirement for NN4B
INPUT OPTIONS	Linked to National GP database Not Known Not Documented

DATA ITEM	Maternal Date of Birth
BASIS	Confirmation of person identifier and ascertainment of maternal age.
EXPLANATION	Required for cross validation Required for PSA target around teenage pregnancy
INPUT OPTIONS	DD/MM/YYYY Not Known Not Documented

DATA ITEM	Ethnic Origin (GEO)
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	Required to calculate customised birth centile Pick from list within each group <i>Africa</i> <ul style="list-style-type: none"> - North Africa - SubSahara - Other <i>Asia</i> <ul style="list-style-type: none"> - India - Pakistan - Bangladesh - China - Far East Asia – Other - South East Asia - Other <i>Caribbean</i> <i>Europe</i> <ul style="list-style-type: none"> - Britain - Ireland - Northern Europe - Western Europe - Eastern Europe - Southern Europe - Other <i>Middle East</i> <i>Other/Mixed</i>

DATA ITEM	Date of booking
BASIS	Record of first antenatal contact
EXPLANATION	Required on documentation in the clinical area and enables calculation of maternal age at any point in the current pregnancy
INPUT OPTIONS	DD/MM/YYYY Not Known Not Documented

DATA ITEM	Booked place of delivery
BASIS	Assist with monitoring changes during pregnancy, delivery or postpartum
EXPLANATION	Clinical decision related to risk factors at time of booking
INPUT OPTIONS	<i>Mutually exclusive</i> Hospital inside region (pick list provided) Hospital outside region (+ free text to document details) Home Private hospital Private birth centre Unbooked Not Known Not Documented

DATA ITEM	Number of previous pregnancies reaching 24 weeks gestation or more
BASIS	Part of calculation to ascertain parity
EXPLANATION	Required to produce the GROW chart for the current pregnancy and calculate the Robson Groups as described in the National Sentinel Caesarean Section Audit Report (2001).
INPUT OPTIONS	Numerical format Not Known Not Documented

DATA ITEM	Number of previous pregnancies reaching less than 24 weeks gestation
BASIS	To assist in analysis of pregnancy loss
EXPLANATION	Required to calculate total number of pregnancies when analysing outcome data
INPUT OPTIONS	Numerical format Not Known Not Documented

DATA ITEM	Number of previous live births
BASIS	Part of calculation for GROW chart
EXPLANATION	Required to produce the GROW chart details for previous pregnancies
INPUT OPTIONS	Numerical format Not Known Not Documented

DATA ITEM	Number of previous stillbirths
BASIS	Part of calculation for GROW chart and risk assessment
EXPLANATION	Required to produce the GROW chart details for the previous pregnancies
INPUT OPTIONS	Numerical format Not Known Not Documented

DATA ITEM	Maternal height at booking
BASIS	Part of calculation for Body Mass Index
EXPLANATION	Clinical indicator for risk
INPUT OPTIONS	Numerical format, expressed in centimetres Not Known Not Documented

DATA ITEM	Maternal weight at booking
BASIS	Part of calculation for Body Mass Index
EXPLANATION	Clinical indicator for risk
INPUT OPTIONS	Numerical format, expressed in kilograms Not Known Not Documented

DATA ITEM	Estimated date of delivery (EDD)
BASIS	Record of expected delivery date at 40 weeks gestation
EXPLANATION	The most accurate method of dating the pregnancy is by dating scan. The EDD is calculated according to the crown rump length (CRL) at 8-13 weeks gestation or biparietal diameter at 12-22 weeks gestation.
INPUT OPTIONS	Calculated value displayed as DD/MM/YYYY Ultrasound Last Menstrual Period Clinical Estimate Not Known Not Documented

DATA ITEM	Smoking at Booking
BASIS	Assist with monitoring smoking during pregnancy
EXPLANATION	Required for Public Health monitoring Required for monitoring PSA target
INPUT OPTIONS	Yes No Not Known Not Documented

DATA ITEM	Smoking at Delivery
BASIS	Assist with monitoring smoking during pregnancy
EXPLANATION	Required for Public Health monitoring Required for monitoring PSA target
INPUT OPTIONS	Yes No Not Known Not Documented

DATA ITEM	Number of antenatal visits with community midwifery service
BASIS	Record number of documented antenatal contacts with midwifery service
EXPLANATION	Enable calculation of continuity of carer

INPUT OPTIONS Numerical format
Not Known
Not Documented

DATA ITEM **Number of antenatal visits with named midwife**
BASIS Record number of documented antenatal contacts with identified lead midwife
EXPLANATION Enable calculation of continuity of carer
INPUT OPTIONS Numerical format
Not Known
Not Documented

DATA ITEM **Referral for suspected intrauterine growth restriction (IUGR) antenatally**
BASIS Sub optimal fetal growth suspected antenatally from clinical assessment
EXPLANATION Clinical factor relevant to pregnancy care, potential risk factors and outcome
INPUT OPTIONS *Mutually exclusive*
Yes
No
Not Known
Not Documented

DATA ITEM **Initiated Breast Feeding at Delivery**
BASIS Breast feeding is acknowledged as being the best method of feeding an infant
EXPLANATION Required for monitoring Public Health targets
Required for PSA target
INPUT OPTIONS Yes
No
Not Known
Not Documented

DATA ITEM **Breast Feeding at transfer to community midwifery services**
BASIS Breast feeding is acknowledged as being the best method of feeding an infant
EXPLANATION Required for monitoring Public Health targets
Required for local monitoring
INPUT OPTIONS Yes
No
Not Known
Not Documented

B. BIRTH 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 birth – Neonatal Death Stillbirth Miscarriage Not Known Not Documented

DATA ITEM	Date of birth
BASIS	Date of birth 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 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 Known Not Documented

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 Not Known Not Documented

DATA ITEM	Place of delivery
BASIS	Location of place of delivery of baby
EXPLANATION	Requirement for NN4B
INPUT OPTIONS	<i>Mutually exclusive</i> Hospital inside region (pick list) Hospital outside region (+ free text to document details) Home Other (+ free text to document details)

DATA ITEM	Baby NHS Number
BASIS	Unique identifier of baby
EXPLANATION	Required for audit tracking and linkage of datasets
INPUT OPTIONS	3-3-4 numerical format Not Known Not Documented

POSTNATAL DATA

DATA ITEM	Mothers 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 ITEM	Date of Delivery
BASIS	Date of birth of the baby
EXPLANATION	Record linkage and audit tracking
INPUT OPTIONS	DD/MM/YYYY

DATA ITEM	Baby alive at Discharge
BASIS	To determine neonatal death
EXPLANATION	To monitor and analyse neonatal death
INPUT OPTIONS	Yes No Not Known Not Documented If yes – Date of Death

DATA ITEM	Number of postnatal visits with midwifery service
BASIS	Record number of documented postnatal contacts with midwifery service
EXPLANATION	Enable calculation of continuity of carer
INPUT OPTIONS	Numerical format Not Known Not Documented

DATA ITEM	Number of postnatal visits with lead midwife
BASIS	Record number of documented postnatal contacts with identified lead midwife
EXPLANATION	Enable calculation of continuity of carer
INPUT OPTIONS	Numerical format Not Known Not Documented

DATA ITEM	Date of Discharge to Health Visitor
BASIS	Record end of clinical care episode
EXPLANATION	Calculate and monitor length of postnatal care episode
INPUT OPTIONS	DD/MM/YYYY Not Known Not Documented

DATA ITEM	Mother Breast Feeding at Discharge to Health Visitor
BASIS	Determine number of women continuing breast feeding after initiation
EXPLANATION	Monitor public health targets
INPUT OPTIONS	Yes No Not Known Not Documented
