

# Perinatal NMDS 2008-2010

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# Perinatal NMDS 2008-2010

## Identifying and definitional attributes

|                             |  |
|-----------------------------|--|
| <b>Metadata item type:</b>  | Data Set Specification   |
| <b>METEOR identifier:</b>   | 362313   |
| <b>Registration status:</b> | <a href="#">Health!</a> , Superseded 02/12/2009  |
| <b>DSS type:</b>            | National Minimum Data Set (NMDS)   |
| <b>Scope:</b>               | The scope of this minimum data set is all births in Australia in hospitals, birth centres and the community. The data set includes information on all births, both live and stillborn, of at least 20 weeks gestation or 400 grams birth weight. |

## Collection and usage attributes

|                                   |  |
|-----------------------------------|--|
| <b>Collection methods:</b>        | <i>National reporting arrangements</i><br><br>State and territory health authorities provide the data to the Australian Institute of Health and Welfare National Perinatal Statistics Unit for national collation, on an annual basis.<br><br><i>Periods for which data are collected and nationally collated</i><br><br>Financial years ending 30 June each year. |
| <b>Implementation start date:</b> | 01/07/2008   |
| <b>Implementation end date:</b>   | 30/06/2010   |

## Relational attributes

|                                     |  |
|-------------------------------------|--|
| <b>Related metadata references:</b> | Supersedes <a href="#">Perinatal NMDS 2007-2008 Health!</a> , Superseded 05/02/2008<br><br>Has been superseded by <a href="#">Perinatal NMDS 2010-2011 Health!</a> , Superseded 21/12/2010 |
|-------------------------------------|--|

## Metadata items in this Data Set Specification

| Seq No. | Metadata item  | Obligation | Max occurs |
|---------|--|------------|------------|
| -       | <a href="#">Birth event—birth method, code N</a>       | Mandatory  | 1          |
| -       | <a href="#">Birth event—birth plurality, code N</a>    | Mandatory  | 1          |
| -       | <a href="#">Birth event—birth presentation, code N</a> | Mandatory  | 1          |
| -       | <a href="#">Birth event—labour onset type, code N</a>  | Mandatory  | 1          |

### *DSS specific information:*

How labour commenced is closely associated with method of birth and maternal and neonatal morbidity. Induction rates vary for maternal risk factors and obstetric complications and are important indicators of obstetric intervention.

| Seq No. | Metadata item   | Obligation | Max occurs |
|---------|---|------------|------------|
| -       | <a href="#">Birth event—setting of birth (actual), code N</a>   | Mandatory  | 1          |
|         | <b>DSS specific information:</b><br><br>Used to analyse the risk factors and outcomes by place of birth. While most deliveries occur within hospitals, an increasing number of births now occur in other settings. It is important to monitor the births occurring outside hospitals and to ascertain whether or not the actual place of delivery was planned.  |            |            |
| -       | <a href="#">Birth event—state/territory of birth, code N</a>  | Mandatory  | 1          |
| -       | <a href="#">Birth—Apgar score (at 5 minutes), code NN</a>   | Mandatory  | 1          |
|         | <b>DSS specific information:</b><br><br>Required to analyse pregnancy outcome, particularly after complications of pregnancy, labour and birth. The Apgar score is an indicator of the health of a baby.  |            |            |
| -       | <a href="#">Birth—birth order, code N</a>   | Mandatory  | 1          |
| -       | <a href="#">Birth—birth status, code N</a>  | Mandatory  | 1          |
|         | <b>DSS specific information:</b><br><br>Essential to analyse outcome of pregnancy.  |            |            |
| -       | <a href="#">Birth—birth weight, total grams NNNN</a>  | Mandatory  | 1          |
|         | <b>DSS specific information:</b><br><br>For the provision of state and territory hospital data to Commonwealth agencies this metadata item must be consistent with diagnoses and procedure codes for valid grouping.<br><br>Weight is an important indicator of pregnancy outcome, is a major risk factor for neonatal morbidity and mortality and is required to analyse perinatal services for high-risk infants.<br><br>This metadata item is required to generate Australian National Diagnosis Related Groups. |            |            |
| -       | <a href="#">Episode of admitted patient care—separation date, DDMMYYYY</a>  | Mandatory  | 1          |
|         | <b>DSS specific information:</b><br><br>For the provision of state and territory hospital data to Commonwealth agencies this field must: <ul style="list-style-type: none"> <li>• be ≤ last day of financial year</li> <li>• be ≥ first day of financial year</li> <li>• be ≥ Admission date</li> </ul>   |            |            |
| -       | <a href="#">Establishment—organisation identifier (Australian), NNX[X]NNNNN</a>   | Mandatory  | 1          |

| Seq No.  | Metadata item  | Obligation | Max occurs |
|--|--|------------|------------|
| -  | <a href="#">Female (pregnant)—estimated gestational age, total weeks NN</a>                  | Mandatory  | 1          |
| <b>DSS specific information:</b>   |  |            |            |
| <p>The first day of the last menstrual period (LMP) is required to estimate gestational age, which is a key outcome of pregnancy and an important risk factor for neonatal outcomes. Although the date of the LMP may not be known, or may sometimes be erroneous, estimation of gestational age based on clinical assessment may also be inaccurate. Both methods of assessing gestational age are required for analysis of outcomes.</p> |  |            |            |
| -  | <a href="#">Person—area of usual residence, geographical location code (ASGC 2007) NNNNN</a> | Mandatory  | 1          |
| -  | <a href="#">Person—country of birth, code (SACC 1998) NNNN</a>                               | Mandatory  | 1          |
| -  | <a href="#">Person—date of birth, DDMMYYYY</a>   | Mandatory  | 1          |
| -  | <a href="#">Person—Indigenous status, code N</a>   | Mandatory  | 1          |
| -  | <a href="#">Person—person identifier, XXXXXX[X(14)]</a>                                      | Mandatory  | 1          |
| -  | <a href="#">Person—sex, code N</a>   | Mandatory  | 1          |