

National Healthcare Agreement: P01-Proportion of babies born with low birth weight, 2010

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National Healthcare Agreement: P01-Proportion of babies born with low birth weight, 2010

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Proportion of babies born with low birth weight, 2010
METEOR identifier:	392491
Registration status:	Health! , Superseded 08/06/2011
Description:	The incidence of low birthweight among liveborn singleton babies, as a proportion of liveborn singleton babies.
Indicator set:	National Healthcare Agreement (2010) Health! , Superseded 08/06/2011
Outcome area:	Prevention Health! , Standard 07/07/2010
Data quality statement:	National Healthcare Agreement: P01-Proportion of babies born with low birth weight, 2010 QS Health! , Superseded 08/06/2011

Collection and usage attributes

Computation description:	Population is newborn babies. Excludes babies from multiple births, stillborn babies and babies with unknown birthweight.
Computation:	$100 \times (\text{Numerator} \div \text{Denominator})$
Numerator:	Number of low birthweight liveborn singleton babies born in the 2007 calendar year. Low birthweight is defined as less than 2,500 grams at birth.

Numerator data elements:

Data Element / Data Set

[Birth—birth weight, total grams NNNN](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

NMDS / DSS

[Perinatal NMDS 2007-2008](#)

Guide for use

Data source type: Administrative by-product data
'Low birthweight' is defined as less than 2,500 grams

Data Element / Data Set

[Birth—birth status, code N](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

NMDS / DSS

[Perinatal NMDS 2007-2008](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Birth event—birth plurality, code N](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

NMDS / DSS

[Perinatal NMDS 2007-2008](#)

Guide for use

Data source type: Administrative by-product data

Denominator:

Number of liveborn singleton babies born in the 2007 calendar year with a known birthweight.

Denominator data elements:

Data Element / Data Set

[Birth—birth weight, total grams NNNN](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

NMDS / DSS

[Perinatal NMDS 2007-2008](#)

Guide for use

Data source type: Administrative by-product data
'Known birthweight' is defined as valid non-missing birthweight

Data Element / Data Set

[Birth—birth status, code N](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

NMDS / DSS

[Perinatal NMDS 2007-2008](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Birth event—birth plurality, code N](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

NMDS / DSS

[Perinatal NMDS 2007-2008](#)

Guide for use

Data source type: Administrative by-product data

Disaggregation data elements:

Data Element / Data Set

[Person—Indigenous status, code N](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

NMDS / DSS

[Perinatal NMDS 2007-2008](#)

Guide for use

Data source type: Administrative by-product data
Indigenous status of infants is based on the Indigenous status of the mother

Data Element / Data Set

[Person—area of usual residence, geographical location code \(ASGC 2006\) NNNNN](#)

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

NMDS / DSS

[Perinatal NMDS 2007-2008](#)

Guide for use

Data source type: Administrative by-product data
Used for disaggregation by state/territory, remoteness area and SEIFA of residence

Comments:

Specified disaggregation: State/territory of usual residence: By maternal Indigenous status; Nationally: By remoteness area and SEIFA of residence of the mother.

Available disaggregation: State/territory of usual residence: By maternal Indigenous status; Nationally: By remoteness area and SEIFA of residence of the mother.

Data for 2008 will be available in October 2010.

Most recent data available for 2010 CRC baseline report: 2007 (calendar year data).

This indicator is calculated using data from the AIHW National Perinatal Data Collection (NPDC).

For data by socioeconomic status: calculated by AIHW using the ABS' Index of Relative Socioeconomic Disadvantage and ERP by Statistical Local Area (SLA) as at 30 June 2007. Each SLA in Australia is ranked and divided into quintiles in a population-based manner, such that each quintile has approximately 20% of the 'women who gave birth' population.

For data by remoteness area: NPDC data, by remoteness areas, as specified in the Australian Standard Geographical Classification (ASGC).

Representational attributes

Representation class: Percentage

Data type: Real

Unit of measure: Person

Format: N[NN.NN]

Indicator conceptual framework

Framework and dimensions: [Health conditions](#)
[Bio-medical factors](#)

Data source attributes

Data sources:

Data Source

[AIHW National Perinatal Data Collection \(NPDC\)](#)

Frequency

Calendar years ending 31 December each year

Data custodian

Australian Institute of Health and Welfare

Accountability attributes

Reporting requirements: National Healthcare Agreement

Organisation responsible for providing data: Australian Institute of Health and Welfare

Further data development / collection required: Specification: Long-term

Developmental work is planned to include a question on the Indigenous status of the baby on state/territory perinatal data collection forms.

The quality of Indigenous identification needs improvement.

Other issues caveats: Currently the Indigenous status of babies is based solely on the Indigenous status of the mother.

Source and reference attributes

Steward: [Australian Institute of Health and Welfare](#)

Relational attributes

Related metadata references: Has been superseded by [National Healthcare Agreement: P101-Proportion of babies born of low birth weight, 2011](#)
[Health!](#), Superseded 30/10/2011

See also [National Healthcare Agreement: P19-Infant/young child mortality rate, 2010](#)
[Health!](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P33-Women with at least one antenatal visit in the first trimester, 2010](#)
[Health!](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P61-Teenage birth rate, 2010](#)
[Health!](#), Superseded 08/06/2011

See also [National Indigenous Reform Agreement: P12-Proportion of babies born of low birth weight, 2010](#)
[Community Services \(retired\)](#), Superseded 04/04/2011