National Healthcare Agreement: PI 01–Proportion of babies born of low birth weight, 2016

Exported from METEOR (AIHW's Metadata Online Registry)

National Healthcare Agreement: PI 01–Proportion of babies born of low birth weight, 2016

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 01–Proportion of babies born of low birth weight, 2016
METEOR identifier:	598847
Registration status:	Health, Superseded 31/01/2017
Description:	The incidence of low birthweight among live born singleton babies.
Indicator set:	National Healthcare Agreement (2016) Health, Superseded 31/01/2017
Outcome area:	Prevention Health, Standard 07/07/2010
Data quality statement:	National Healthcare Agreement: PI 01-Proportion of babies born with low birth weight, 2016 QS Health, Superseded 31/01/2017

Collection and usage attributes

Computation description:	Low birthweight is defined as less than 2,500 grams. Excludes multiple births and stillbirths. Analysis by state/territory, remoteness and Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-economic Disadvantage (IRSD) is based on usual residence of the mother. Data excludes Australian non-residents, residents of external territories and records where state/territory of residence was not stated. Variability bands are to be calculated for single-year and aggregate years data by state and territory using the method below. Presented as a: - percentage, and - number (for disaggregations by Indigenous status).
Computation:	100 × (Numerator ÷ Denominator) Variability bands: to be calculated using the standard method for estimating 95% confidence intervals as follows: $CI(CR)_{95\%} = CR \pm 100 \times 1.96 \times \sqrt{[((CR/100) \times (1 - (CR/100)))/n]}$ Where n=number of live born singleton infants. CI = confidence interval CR = crude rate (expressed as a percentage)
Numerator:	Number of low birthweight live born singleton infants.

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 2013-14](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Birth—birth status, code N](#)

Data Source

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

NMDS / DSS

[Perinatal NMDS 2013-14](#)

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 2013-14](#)

Guide for use

Data source type: Administrative by-product data

Denominator: Number of live born singleton infants.

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 2013-14](#)

Guide for use

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

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┌─ **Data Element / Data Set** ──────────────────────

[Birth—birth status, code N](#)

Data Source

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

NMDS / DSS

[Perinatal NMDS 2013-14](#)

Guide for use

Data source type: Administrative by-product data

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┌─ **Data Element / Data Set** ──────────────────────

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

Data Source

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[Perinatal NMDS 2013-14](#)

Guide for use

Data source type: Administrative by-product data

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Disaggregation:	2013—Nationally, by:

- remoteness (Australian Statistical Geography Standard (ASGS) Remoteness Structure)
- 2011 Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-economic Disadvantage (IRSD) deciles

2013—State and territory, by:

- Indigenous status of the mother
- Indigenous status of baby

2011–2013—State and territory, by:

- Indigenous status of the mother

Disaggregation by Indigenous status of the mother is recommended to be reported using three-year combined data for the current reporting period due to the small number of low birth weight infants born to Indigenous mothers each year. Single year data (2013) will be reported for time-series (state/territory by Indigenous status).

Note that disaggregation by Indigenous status of baby will only be available if the National Indigenous Reform Agreement Performance Information Management Group determine that the data are of sufficient quality.

Disaggregation data elements:

Data Element / Data Set

[Person—Indigenous status, code N](#)

Data Source

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

NMDS / DSS

[Perinatal NMDS 2013-14](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Person—area of usual residence, statistical area level 2 (SA2) code (ASGS 2011) N(9)](#)

Data Source

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

NMDS / DSS

[Perinatal NMDS 2013-14](#)

Guide for use

Data source type: Administrative by-product data
Used for disaggregation by state/territory, remoteness and SEIFA IRSD.

Geographic unit used is Statistical Area Level 2 (SA2). If data are coded according to the Australian Standard Geographical Classification (ASGC) boundaries, concordance files are used to map to the ASGS.

Comments:	Most recent data available for 2016 National Healthcare Agreement performance reporting: 2013 (calendar year data).

Indigenous: Aggregated data (2011 to 2013) will be reported for the current reporting period (state and territory).

Single year data (2013) will be reported for time-series (state and territory).

Information is included in the National Perinatal Data Collection (NPDC) for all live births and still births of at least 400 grams birthweight or at least 20 weeks gestation.

For 2013 data, the 2011 SEIFA IRSD quintile and decile data will be produced using the ASGC geographical unit of Statistical Area Level 2.

Representational attributes

Representation class:	Percentage
Data type:	Real
Unit of measure:	Person
Format:	N[NN.NN]

Indicator conceptual framework

Framework and dimensions:	[Community and socioeconomic](#)

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: Final, the measure meets the intention of the indicator.

Relational attributes

Related metadata references:	Supersedes [National Healthcare Agreement: PI 01-Proportion of babies born of low birth weight, 2015](#) [Health](#), Superseded 08/07/2016

Has been superseded by [National Healthcare Agreement: PI 01–Proportion of babies born of low birth weight, 2017](#)
    [Health](#), Superseded 30/01/2018

See also [National Healthcare Agreement: PI 07–Infant and young child mortality rate, 2016](#)
    [Health](#), Superseded 31/01/2017