

# National Healthcare Agreement: PI 01–Proportion of babies born of low birth weight, 2020

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Progress measure
<b>Short name:</b>	PI 01–Proportion of babies born of low birth weight, 2020
<b>METEOR identifier:</b>	716248
<b>Registration status:</b>	<ul style="list-style-type: none"><li>• <a href="#">Health</a>, Standard 13/03/2020</li></ul>
<b>Description:</b>	The incidence of low birthweight among live born singleton babies.
<b>Indicator set:</b>	<a href="#">National Healthcare Agreement (2020)</a> <a href="#">Health</a> , Standard 13/03/2020
<b>Outcome area:</b>	<a href="#">Prevention</a> <a href="#">Health</a> , Standard 07/07/2010

## Collection and usage attributes

<b>Computation description:</b>	<p>Low birthweight is defined as less than 2,500 grams.</p> <p>Excludes multiple births, stillbirths and births of less than 20 weeks gestation.</p> <p>Analysis by state/territory, remoteness and Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-Economic Disadvantage (IRSD) is based on the usual residence of the mother.</p> <p>Data excludes Australian non-residents, residents of external territories and records where state/territory of usual residence was not stated.</p> <p>Variability bands are to be calculated using the standard method (see definition under <i>Computation</i>).</p> <p>Presented as a:</p> <ul style="list-style-type: none"><li>• number, and</li><li>• percentage.</li></ul>
<b>Computation:</b>	<p><math>100 \times (\text{Numerator} \div \text{Denominator})</math></p> <p>Variability bands: to be calculated using the standard method for estimating 95% confidence intervals as follows:</p> $CI (CR)_{95\%} = CR \pm 100 \times 1.96 \times \sqrt{[(CR/100) \times (1 - (CR/100))]/n}$ <p>Where n=number of live born singleton babies.</p> <p>CI = confidence interval</p> <p>CR = crude rate (expressed as a percentage)</p>
<b>Numerator:</b>	Number of low birthweight live born singleton babies.

**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 2014-18](#)

**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 2014-18](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Product of conception—gestational age, completed weeks N\[N\]](#)

**Data Source**

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

**NMDS / DSS**

[Perinatal NMDS 2014-18](#)

**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 2014-18](#)

**Guide for use**

Data source type: Administrative by-product data

**Denominator:**

Number of live born singleton babies.

**Denominator data elements:**

**Data Element / Data Set**

[Birth—birth status, code N](#)

**Data Source**

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

**NMDS / DSS**

[Perinatal NMDS 2014-18](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Product of conception—gestational age, completed weeks N\[N\]](#)

**Data Source**

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

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**Data Element / Data Set**

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

**Data Source**

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Data source type: Administrative by-product data

**Disaggregation:**

2017—Nationally, by (all not reported):

- remoteness (Australian Statistical Geography Standard (ASGS) 2016 Remoteness Structure)
- 2016 Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-Economic Disadvantage (IRSD) deciles.

2017—State and territory, by:

- Indigenous status of the mother
- Indigenous status of the baby.

2015–17—State and territory, by (all not reported):

- Indigenous status of the mother
- Indigenous status of the baby.

Disaggregation by Indigenous status of the mother and the baby are recommended to be reported using 3-year combined data for the current reporting period due to the small number of low birthweight babies born to Indigenous mothers each year, and the small number of low birthweight Indigenous babies born each year. Single year data (2017) is reported for time series (state/territory by Indigenous status).

Note that data collection methods for Indigenous status of the mother and baby may vary between states and territories.

**Disaggregation data elements:****Data Element / Data Set**[Person—Indigenous status, code N](#)**Data Source**[AIHW National Perinatal Data Collection \(NPDC\)](#)**NMDS / DSS**[Perinatal NMDS 2014-18](#)**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 2014-18](#)**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) in the Australian Statistical Geography Standard (ASGS).

**Comments:** Most recent data available for 2020 National Healthcare Agreement performance reporting: 2017 (calendar year data).

Indigenous: Aggregated data (2015 to 2017) is reported for the current reporting period (state and territory).

Single year data (2017) is reported for time-series (state and territory).

Information is included in the National Perinatal Data Collection (NPDC) for all live births and stillbirths of at least 400 grams birthweight or at least 20 weeks gestation. Data for this indicator may therefore include live born terminations of pregnancy of at least 20 weeks gestation.

## Representational attributes

**Representation class:** Percentage

**Data type:** Real

**Unit of measure:** Person

**Format:** N[NN].N

## 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.

## Source and reference attributes

## Relational attributes

**Related metadata references:**

See also [Australian Health Performance Framework: PI 3.1.6–Proportion of babies born with low birthweight, 2019](#)

- [Health](#), Standard 09/04/2020

See also [Australian Health Performance Framework: PI 3.1.6–Proportion of babies born with low birthweight, 2020](#)

- [Health](#), Standard 02/12/2020

Supersedes [National Healthcare Agreement: PI 01–Proportion of babies born of low birth weight, 2019](#)

- [Health](#), Superseded 13/03/2020

Has been superseded by [National Healthcare Agreement: PI 01–Proportion of babies born of low birth weight, 2021](#)

- [Health](#), Standard 16/09/2020

See also [National Healthcare Agreement: PI 07–Infant and young child mortality rate, 2020](#)

- [Health](#), Standard 13/03/2020

See also [National Indigenous Reform Agreement: PI 07-Proportion of babies born of low birthweight, 2020](#)

- [Indigenous](#), Standard 23/08/2019