

Australian Health Performance Framework: PI 3.1.6—Proportion of babies born with low birthweight, 2020

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	AHPF PI 3.1.6—Proportion of babies born with low birthweight, 2020
METEOR identifier:	728403
Registration status:	<ul style="list-style-type: none">• Health, Standard 02/12/2020
Description:	The incidence of low birthweight among live born singleton babies.
Rationale:	Low birthweight is associated with increased risk of poor health and death during infancy, and increased prevalence of a number of chronic diseases in adulthood.
Indicator set:	Australian Health Performance Framework, 2020 Health , Standard 13/10/2021

Collection and usage attributes

Computation description:	<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, Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-Economic Disadvantage (IRSD) and Primary Health Network (PHN) 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>Presented as a:</p> <ul style="list-style-type: none">• number, and• percentage.
Computation:	$100 \times (\text{Numerator} \div \text{Denominator})$
Numerator:	Number of low birthweight live born singleton babies.

Numerator data elements:

Data Element / Data Set

[Birth—birth status, code N](#)

Data Source

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

NMDS / DSS

[Perinatal NMDS 2018-19](#)

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 2018-19](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

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

Data Source

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

NMDS / DSS

[Perinatal NMDS 2018-19](#)

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 2018-19](#)

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 2018-19](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

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

Data Source

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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

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Data source type: Administrative by-product data

Disaggregation:

2012, 2013, 2014, 2015, 2016, 2017, and 2018—National and state/territory, by:

- Indigenous status of the baby (not reported)
- Indigenous status of the mother
- remoteness (Australian Statistical Geography Standard (ASGS) 2016 Remoteness Structure)
- 2016 Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-economic Disadvantage (IRSD) quintiles.

2012, 2013, 2014, 2015, 2016, 2017, and 2018—Primary Health Network (PHN).

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

Some disaggregations may result in numbers too small for publication.

Disaggregation data elements:

Data Element / Data Set

[Person—Indigenous status, code N](#)

Data Source

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

NMDS / DSS

[Perinatal NMDS 2018-19](#)

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 \(ASGS 2016\) N\(9\)](#)

Data Source

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

NMDS / DSS

[Perinatal NMDS 2018-19](#)

Guide for use

Data source type: Administrative by-product data

Used for disaggregation by state/territory, remoteness, SEIFA IRSD and PHN.

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

Remoteness is based on the ASGS 2011 Remoteness Structure from 2012 to 2016 and the ASGS 2016 Remoteness Structure from 2017.

SEIFA IRSD is based on the 2011 SEIFA IRSD from 2012 to 2016 and the 2016 SEIFA IRSD from 2017.

PHN is based on the ASGS 2011 from 2012 to 2016 and the ASGS 2016 from 2017.

Comments:

Most recent data available for 2020 Australian Health Performance Framework reporting: 2018 (calendar year data).

Information is included in the National Perinatal Data Collection (NPDC) for both live births and stillbirths, where gestational age is at least 20 weeks or birthweight is at least 400 grams, except in Victoria and Western Australia, where births are included if gestational age is at least 20 weeks or, if gestation is unknown, birthweight is at least 400 grams. Data for this indicator may therefore include live born terminations of pregnancy of at least 20 weeks gestation.

The term 'Aboriginal and Torres Strait Islander people' is preferred when referring to the separate Indigenous peoples of Australia. However, the term 'Indigenous' is used interchangeably with 'Aboriginal and Torres Strait Islander' in this indicator to assist readability.

Representational attributes

Representation class: Percentage

Data type: Real

Unit of measure: Person

Format: N[NN].N

Indicator conceptual framework

Framework and dimensions: [1. Health conditions](#)

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: Australian Health Performance Framework

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

Relational attributes

Related metadata references: Supersedes [Australian Health Performance Framework: PI 3.1.6–Proportion of babies born with low birthweight, 2019](#)

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

See also [National Healthcare Agreement: PI 01–Proportion of babies born of low birth weight, 2020](#)

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

See also [National Healthcare Agreement: PI 01–Proportion of babies born of low birth weight, 2022](#)

- [Health](#), Standard 24/09/2021

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

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

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