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

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

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| 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: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), 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2020](https://meteor.aihw.gov.au/content/728283)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 11/07/2023 |

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| Collection and usage attributes | |
| Computation description: | Low birthweight is defined as less than 2,500 grams.  Excludes multiple births, stillbirths and births of less than 20 weeks gestation.  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.  Data excludes Australian non-residents, residents of external territories and records where state/territory of usual residence was not stated.  Presented as a:   * number, and * percentage. |
| Computation: | 100 × (Numerator ÷ Denominator) |
| Numerator: | Number of low birthweight live born singleton babies. |
| Numerator data elements: | **Data Element / Data Set**  [Birth—birth status, code N](https://meteor.aihw.gov.au/content/269949)  **Data Source**  [AIHW National Perinatal Data Collection (NPDC)](https://meteor.aihw.gov.au/content/392479)  **NMDS / DSS**  [Perinatal NMDS 2018-19](https://meteor.aihw.gov.au/content/668811)  **Guide for use**    Data source type: Administrative by-product data    **Data Element / Data Set**  [Birth event—birth plurality, code N](https://meteor.aihw.gov.au/content/668881)  **Data Source**  [AIHW National Perinatal Data Collection (NPDC)](https://meteor.aihw.gov.au/content/392479)  **NMDS / DSS**  [Perinatal NMDS 2018-19](https://meteor.aihw.gov.au/content/668811)  **Guide for use**    Data source type: Administrative by-product data    **Data Element / Data Set**  [Birth—birth weight, total grams NNNN](https://meteor.aihw.gov.au/content/668986)  **Data Source**  [AIHW National Perinatal Data Collection (NPDC)](https://meteor.aihw.gov.au/content/392479)  **NMDS / DSS**  [Perinatal NMDS 2018-19](https://meteor.aihw.gov.au/content/668811)  **Guide for use**    Data source type: Administrative by-product data    **Data Element / Data Set**  [Product of conception—gestational age, completed weeks N[N]](https://meteor.aihw.gov.au/content/669039)  **Data Source**  [AIHW National Perinatal Data Collection (NPDC)](https://meteor.aihw.gov.au/content/392479)  **NMDS / DSS**  [Perinatal NMDS 2018-19](https://meteor.aihw.gov.au/content/668811)  **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](https://meteor.aihw.gov.au/content/269949)  **Data Source**  [AIHW National Perinatal Data Collection (NPDC)](https://meteor.aihw.gov.au/content/392479)  **NMDS / DSS**  [Perinatal NMDS 2018-19](https://meteor.aihw.gov.au/content/668811)  **Guide for use**    Data source type: Administrative by-product data    **Data Element / Data Set**  [Birth event—birth plurality, code N](https://meteor.aihw.gov.au/content/668881)  **Data Source**  [AIHW National Perinatal Data Collection (NPDC)](https://meteor.aihw.gov.au/content/392479)  **NMDS / DSS**  [Perinatal NMDS 2018-19](https://meteor.aihw.gov.au/content/668811)  **Guide for use**    Data source type: Administrative by-product data    **Data Element / Data Set**  [Product of conception—gestational age, completed weeks N[N]](https://meteor.aihw.gov.au/content/669039)  **Data Source**  [AIHW National Perinatal Data Collection (NPDC)](https://meteor.aihw.gov.au/content/392479)  **NMDS / DSS**  [Perinatal NMDS 2018-19](https://meteor.aihw.gov.au/content/668811)  **Guide for use**    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](https://meteor.aihw.gov.au/content/602543)  **Data Source**  [AIHW National Perinatal Data Collection (NPDC)](https://meteor.aihw.gov.au/content/392479)  **NMDS / DSS**  [Perinatal NMDS 2018-19](https://meteor.aihw.gov.au/content/668811)  **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)](https://meteor.aihw.gov.au/content/659725)  **Data Source**  [AIHW National Perinatal Data Collection (NPDC)](https://meteor.aihw.gov.au/content/392479)  **NMDS / DSS**  [Perinatal NMDS 2018-19](https://meteor.aihw.gov.au/content/668811)  **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](https://meteor.aihw.gov.au/content/721649) |
| Data source attributes | |
| Data sources: | **Data Source**  [AIHW National Perinatal Data Collection (NPDC)](https://meteor.aihw.gov.au/content/392479)  **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](https://meteor.aihw.gov.au/content/715299)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 01/12/2020  See also [National Healthcare Agreement: PI 01–Proportion of babies born of low birth weight, 2020](https://meteor.aihw.gov.au/content/716248)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/03/2020  See also [National Healthcare Agreement: PI 01–Proportion of babies born of low birth weight, 2022](https://meteor.aihw.gov.au/content/740894)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 24/09/2021  See also [National Indigenous Reform Agreement: PI 07-Proportion of babies born of low birthweight, 2020](https://meteor.aihw.gov.au/content/718484)  [Indigenous](https://meteor.aihw.gov.au/RegistrationAuthority/6), Standard 23/08/2019 |