

National Healthcare Agreement: P19-Infant/young child mortality rate, 2010

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National Healthcare Agreement: P19-Infant/young child mortality rate, 2010

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Infant/young child mortality rate, 2010
METEOR identifier:	394462
Registration status:	Health , Superseded 08/06/2011
Description:	For the purposes of this indicator, infants are defined as children (child) less than 1 year of age and young children are defined as children less than 5 years of age.
Indicator set:	National Healthcare Agreement (2010) Health , Superseded 08/06/2011
Outcome area:	Primary and Community Health Health , Standard 07/07/2010
Data quality statement:	National Healthcare Agreement: P19-Infant/young child mortality rate, 2010 QS Health , Superseded 08/06/2011

Collection and usage attributes

Population group age from:	This indicator uses a number of different population group age lower bounds: <ul style="list-style-type: none">• For infants: Less than 1 year of age• For children aged 1-4 years: 1 year of age• For children aged 0-4 years: Less than 1 year of age
Population group age to:	This indicator uses a number of different population group age upper bounds: <ul style="list-style-type: none">• For infants: Less than 1 year of age• For children aged 1-4 years: Less than 5 years of age• For children aged 0-4 years: Less than 5 years of age
Computation:	Infants: $1,000 \times (\text{Numerator} \div \text{Denominator})$ Children: $100,000 \times (\text{Numerator} \div \text{Denominator})$ Total 0–4 year olds: $100,000 \times (\text{Numerator} \div \text{Denominator})$ Calculated separately for each of the three age groups, and for All Australians, Indigenous and non-Indigenous Australians. Infant mortality rate is presented per 1,000 live births. Child mortality rates are presented per 100,000 population.
Numerator:	<ul style="list-style-type: none">• Number of deaths among infants;• Number of deaths among children aged 1–4 years; and• Number of deaths among children aged 0–4 years

Numerator data elements:

Data Element / Data Set

[Person—age, total years N\[NN\]](#)

Data Source

[ABS Death Registrations Collection](#)

Guide for use

Data source type: Administrative by-product data

Denominator:

- Number of live births;
- Population aged 1–4 years; and
- Population aged 0–4 years

Denominator data elements:

Data Element / Data Set

Person—estimated resident population of Australia

Data Source

[ABS Estimated resident population \(total population\)](#)

Guide for use

Data source type: Census-based plus administrative by-product data
Used for the denominator for the mortality rate for children aged 1-4 years, and as a component of the denominator for the mortality rate for children aged 0-4 years.

Data Element / Data Set

Person—estimated resident population of Australia

Data Source

[ABS Indigenous experimental estimates and projections \(2001 Census-based\)](#)

Guide for use

Data source type: Census-based plus administrative by-product data
Used for the denominator for the mortality rate for Indigenous children aged 1-4 years, and as a component of the denominator for the mortality rate for Indigenous children aged 0-4 years.

Data Element / Data Set

[Birth—birth status, code N](#)

Data Source

[ABS birth registration data](#)

Guide for use

Data source type: Administrative by-product data
Used as the main component of the denominator for the infant mortality rate.
Include live births only, i.e. value = 1.

Disaggregation data elements:

Data Element / Data Set

[Person—sex, code N](#)

Data Source

[ABS Death Registrations Collection](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Person—Indigenous status, code N](#)

Data Source

[ABS Death Registrations Collection](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Person—age, total years N\[NN\]](#)

Data Source

[ABS Death Registrations Collection](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

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

Data Source

[ABS Death Registrations Collection](#)

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: Nationally and by state/territory: by age/sex, Indigenous status, remoteness area and SEIFA of residence.
Available disaggregation: Nationally and by state/territory: by age and Indigenous status.

Representational attributes

Representation class: Rate

Data type: Real

Unit of measure: Life event (e.g. birth, death)

Format: N[NN].N

Indicator conceptual framework

Framework and dimensions: [Deaths](#)

[Effectiveness](#)

Data source attributes

Data sources:

Data Source

[ABS Estimated resident population \(total population\)](#)

Frequency

Quarterly

Data quality statement

[ABS Estimated resident population \(total population\), QS](#)

Data custodian

Australian Bureau of Statistics

Data Source

[ABS Death Registrations Collection](#)

Frequency

Annual

Data custodian

Australian Bureau of Statistics

Data Source

[ABS Indigenous experimental estimates and projections \(2001 Census-based\)](#)

Frequency

Periodic

Data quality statement

[ABS Indigenous experimental estimates and projections, QS](#)

Data custodian

Australian Bureau of Statistics

Data Source

[ABS birth registration data](#)

Frequency

Annual

Data custodian

Australian Bureau of Statistics

Accountability attributes

Reporting requirements: National Healthcare Agreement

Organisation responsible for providing data: Australian Bureau of Statistics (with input from the Australian Institute of Health and Welfare on the data quality statement).

Benchmark: [National Partnership Agreement \(NPA\) on Closing the Gap in Indigenous Health Outcomes](#): Halve the gap in mortality rates for Indigenous children under 5 within a decade.

Further data development / collection required: Specification: Long-term
Indigenous identification needs improvement in mortality and births data and the underlying Indigenous population estimates also need improvement.

Other issues caveats: Disaggregation by Indigenous status, remoteness area and SEIFA of residence within individual states/territories is subject to data quality considerations. Some disaggregations may result in numbers too small for publication.

Disaggregation by Indigenous status is to be reported using a 3 or 5 year rolling average.

Further details (including data for 2002–06) are available from the Aboriginal and Torres Strait Islander Health Performance Framework (Indicator 1.19).

<<http://www.aihw.gov.au/publications/ihw/aatsihpf08r-da/atsihpf08r-c01-19.pdf>

Relational attributes

Related metadata references: Has been superseded by [National Healthcare Agreement: P1 19-Infant and young child mortality rate, 2011](#)
[Health](#), Superseded 30/10/2011

See also [National Healthcare Agreement: P01-Proportion of babies born with low birth weight, 2010](#)
[Health](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P03-Incidence of end-stage kidney disease, 2010](#)
[Health](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P09-Immunisation rates for vaccines in the national schedule, 2010](#)
[Health](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P18-Life expectancy, 2010](#)
[Health](#), Superseded 08/06/2011

See also [National Healthcare Agreement: P20-Potentially avoidable deaths, 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: P59-Age-standardised mortality by major cause of death, 2010](#)
[Health](#), Superseded 08/06/2011

See also [National Indigenous Reform Agreement: P09a-Child under 5 mortality rate \(and excess deaths\) \(AIHW Data\), 2010](#)
[Community Services \(retired\)](#), Superseded 04/04/2011

See also [National Indigenous Reform Agreement: P09b-Child under 5 mortality rate \(and excess deaths\) \(ABS Data\), 2010](#)
[Community Services \(retired\)](#), Superseded 04/04/2011

See also [National Indigenous Reform Agreement: P10-Mortality rates \(and excess deaths\) for children under 5 by leading causes, 2010](#)
[Community Services \(retired\)](#), Superseded 04/04/2011