National Health Performance Authority Healthy Communities: Infant and young child mortality rate, 2010–2012

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Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Infant and young child (aged under 5 years) mortality rate, 2010–2012
METEOR identifier:	577612
Registration status:	National Health Performance Authority (retired), Retired 01/07/2016
Description:	Number of deaths among children aged less than 5 years per 1,000 live births.
Indicator set:	National Health Performance Authority: Healthy Communities: 2011– National Health Performance Authority (retired), Retired 01/07/2016

Collection and usage attributes

Population group age from:	Less than 1 year of age
Population group age to:	Less than 5 years of age
Computation description:	Number of deaths among children who die before their fifth birthday per 1,000 live births
Computation:	(Numerator ÷ Denominator) x 1,000
Numerator:	Number of deaths among children aged less than 5 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 Include children aged less than 5 years only, i.e. value = 0, 1, 2, 3 or 4.
Denominator:	Number of live births
Denominator data elements:	**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 and young child mortality rate. Include live births only, i.e. value = 1.

| **Disaggregation:** | By Medicare Local catchment, which is derived from [Address—statistical area, level 2 (SA2) code (ASGS 2011) N(9)](#), and by Medicare Local peer group. |

Medicare Locals plan and fund health services in communities across Australia. They help to ensure patients can access the care they need, particularly when a variety of health workers are involved in providing treatments. A Medicare Local catchment refers to the geographic area of a Medical Local (see [Administrative health region—Medicare Local identifier, code AANNN](#))

Medicare Local peer groups are the grouping of the 61 Medicare Locals into seven peer groups, which allows Medicare Locals to be compared to other Medicare Locals with similar characteristics, and to the average for their peer group (see [Administrative health region—Medicare Local peer group, code N](#)). This grouping was undertaken by the National Health Performance Authority using statistical cluster analysis of 2006 Census based socioeconomic status for each Medicare Local and, 2006 Census based Remoteness Area categories (ABS cat. no. 2039.0). Additional information on the average distance to the closest large city and major hospital (A1 public hospital peer group classification, 2010–11) contributed to the assignment of Medicare Locals to peer groups. Groupings were tested for face validity with a stakeholder group. The National Health Performance Authority has created 7 peer groups: Metro 1 to 3, Regional 1 and 2 and Rural 1 and 2. See [Healthy Communities: Australians' experiences with primary health care in 2010–11, Technical Supplement](#) for more information.

Disaggregation data elements:

Data Element / Data Set

[Address—statistical area, level 2 (SA2) code (ASGS 2011) N(9)](#)

Data Source

[ABS Death Registrations Collection](#)

Guide for use

Data source type: Administrative by-product data

Used for disaggregation by Medicare Local catchment.

Deaths are attributed to the Medicare Local catchment in which the infant usually resided, irrespective of where they died.

Births are attributed to the Medicare Local catchment of usual residence of the mother, irrespective of where the birth occurred.

Data Element / Data Set

[Administrative health region—Medicare Local identifier, code AANNN](#)

Data Element / Data Set

[Administrative health region—Medicare Local peer group, code N](#)

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:** | [PAF-Effectiveness](#) |
| | |

- [PAF-Appropriateness](#)
- [PAF-Effectiveness of access](#)
- [PAF-Quality](#)
  - [PAF-Capability](#)
  - [PAF-Continuity](#)
  - [PAF-Responsiveness](#)
  - [PAF-Safety](#)
- [PAF-Sustainability](#)

Data source attributes

Data sources:

Data Source

[ABS birth registration data](#)

Frequency

Annual

Data custodian

Australian Bureau of Statistics

Data Source

[ABS Death Registrations Collection](#)

Frequency

Annual

Data custodian

Australian Bureau of Statistics

Accountability attributes

Reporting requirements:	National Health Performance Agreement-Performance and Accountability Framework
Organisation responsible for providing data:	Australian Bureau of Statistics
Accountability:	National Health Performance Authority
Further data development / collection required:	Specification: Long-term

Source and reference attributes

Submitting organisation:	National Health Performance Authority
Origin:	Healthy Communities
Reference documents:	National Health Performance Authority-Performance and Accountability Framework
	Healthy Communities: Child and maternal health in 2009–2012, Technical Supplement. Available from: http://www.myhealthycommunities.gov.au/Content/publications/downloads/NHPA_HC_Report_Child_and_maternal_health_Technical_Supplement_July_2014.pdf

Relational attributes

Related metadata references:

See also [Administrative health region—Medicare Local identifier, code AANNN](#)
[National Health Performance Authority (retired)](#), Retired 01/07/2016

See also [Administrative health region—Medicare Local peer group, code N](#)
[National Health Performance Authority (retired)](#), Retired 01/07/2016

See also [National Healthcare Agreement: PI 07-Infant and young child mortality rate,](#)
[2014](#)
[Health!](#), Superseded 14/01/2015