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

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

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