

National Healthcare Agreement: P13-Proportion of children with 4th year developmental health check, 2010

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National Healthcare Agreement: P13-Proportion of children with 4th year developmental health check, 2010

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Output measure
Short name:	Proportion of children with 4th year developmental health check, 2010
METEOR identifier:	394300
Registration status:	Health , Superseded 08/06/2011
Description:	Proportion of children who have received a 4 year old developmental health check.
Indicator set:	National Healthcare Agreement (2010) Health , Superseded 08/06/2011
Outcome area:	Prevention Health , Standard 07/07/2010
Data quality statement:	National Healthcare Agreement: P13-Proportion of children with 4th year developmental health checks, 2010 QS Health , Superseded 08/06/2011

Collection and usage attributes

Population group age from:	Population aged 3 years
Population group age to:	Population aged 5 years
Computation description:	<p>Includes Aboriginal and Torres Strait Islander Child Checks (limited to those given to 3, 4 and 5 year olds).</p> <p>Count children who received both a 4th year developmental health check and an Aboriginal and Torres Strait Islander Child Check once only. Count children who have received more than one check (of either type) once only.</p> <p>4th year developmental health check (Healthy Kids Check) = MBS items 709 and 711</p> <p>Aboriginal and Torres Strait Islander Child Health Check = MBS item 708</p>
Computation:	$100 \times (\text{Numerator} \div \text{Denominator})$
Numerator:	Number of children aged 3, 4 or 5 years who have received a 4th year developmental health check (Healthy Kids Check) or an Aboriginal and Torres Strait Islander Child Check

Numerator data elements:

Data Element / Data Set

Instances of children receiving a Healthy Kids Check (MBS item 709 or 711) or an Aboriginal and Torres Strait Islander Child Health Check (MBS item 708)

Data Source

[Medicare \(MBS\) data](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Person—age

Data Source

[Medicare \(MBS\) data](#)

Guide for use

Data source type: Administrative by-product data

Denominator:

Population aged 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

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

Data Element / Data Set

[Person—age, total years N\[NN\]](#)

Data Source

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

Guide for use

Data source type: Census-based plus administrative by-product data

Data Element / Data Set

[Person—age, total years N\[NN\]](#)

Data Source

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

Guide for use

Data source type: Census-based plus administrative by-product data

Disaggregation data elements:

Data Element / Data Set

Healthy Kids Check (MBS item 709 or 711) or an Aboriginal and Torres Strait Islander Child Health Check (MBS item 708)

Data Source

[Medicare \(MBS\) data](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Person (address)—Australian postcode

Data Source

[Medicare \(MBS\) data](#)

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 state/territory: by type of health check (Aboriginal and Torres Strait Islander Child Health Check or Healthy Kids Check), remoteness area and SEIFA of residence.

Available Disaggregation: Nationally and state/territory: by type of health check (Aboriginal and Torres Strait Islander Child Health Check or Healthy Kids Check), remoteness area and SEIFA of residence.

Data for 2008-09 will be available for the 2010 report.

Most recent data available for 2010 CRC baseline report: 2008-09

Representational attributes

Representation class: Percentage

Data type: Real

Unit of measure: Person

Format: N[NN].N

Indicator conceptual framework

Framework and dimensions: [Accessibility](#)

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

[Medicare \(MBS\) data](#)

Frequency

Annually

Data custodian

Department of Health

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

Accountability attributes

Reporting requirements: National Healthcare Agreement

Organisation responsible for providing data: Department of Health and Ageing; Australian Institute of Health and Welfare to provide Data Quality Statement

Further data development / collection required: This is an interim specification only—the MBS items do not cover all developmental health check activity, including that conducted through state and territory early childhood health assessments in preschools and community health centres.

There is a significant data development task to relate the MBS item with other existing assessments and with the Productivity Agenda Working Group (PAWG) plans to develop a national tool to assess child health and development and serve as a progress measure in the period 18 months to 3 years.

Some further data development required: PAWG has agreed to develop a national tool which will assess child health and development and serve as a progress measure in the period 18 months to 3 years. The relationship between the 4 year old Healthy Kids Check and this child health and development tool will need to be explored as it is further developed.

Further improvement in the rate of Voluntary Indigenous Identification with Medicare Australia (MBS item) is needed. This includes the development of an adjustment factor using data from a currently available sample.

Other issues caveats: Data for MBS items 709 and 711 (Healthy Kids Check) include Indigenous children who receive these checks. It is therefore not possible to produce an Indigenous disaggregation.

MBS item numbers change over time and need to be updated as required.

Disaggregation by type of health check, remoteness area and SEIFA of residence within individual states/territories is subject to data quality considerations.

Some disaggregations could result in numbers too small for publication.

The scope of this indicator can be progressively expanded until June 2011, when it could refer to the proportion of children aged 3, 4 or 5 years old who have received a developmental health check in the past three years. This will align the indicator with the Healthy Kids Check eligibility rules, which state that children are eligible to receive the check if they are over the age of 3 years and under the age of 5 years.

Indigenous Experimental Population Projections are available by 5 year age group, not by single year of age. Estimates for Indigenous children aged 4 years old would need to be calculated by the ABS for this indicator.

Relational attributes

Related metadata references:

Has been superseded by [National Healthcare Agreement: PI 13-Proportion of children with 4th year developmental health check, 2011](#)
[Health](#), Superseded 30/10/2011

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