

National Healthcare Agreement: P09-Immunisation rates for vaccines in the national schedule, 2010

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National Healthcare Agreement: P09-Immunisation rates for vaccines in the national schedule, 2010

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Output measure
Short name:	Immunisation rates for vaccines in the national schedule, 2010
METEOR identifier:	394250
Registration status:	Health! , Superseded 08/06/2011
Description:	Proportion of children fully vaccinated and proportion of older adults vaccinated against specific infections.
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 , Superseded 08/06/2011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: P09-Immunisation rates for vaccines in the national schedule (Australian Childhood Immunisation Register), 2010 QS Health! , Superseded 08/06/2011

Collection and usage attributes

Population group age from:	Children: Persons aged 5 years Adults: Indigenous Australians aged 50 years or over; non-Indigenous Australians aged 65 years or over
Computation description:	Reported by each disease vaccinated against. <u>Fully vaccinated 5 year old children:</u> Children aged 60–63 months vaccinated against Hepatitis B, Diphtheria, tetanus and pertussis, <i>Haemophilus influenzae type B</i> , Polio, Pneumococcal disease, rotavirus, measles, mumps, rubella, meningococcal C, and varicella. For Indigenous children, 'fully vaccinated' is defined as all vaccinated against all the conditions listed above, plus Hepatitis A.
Computation:	$100 \times (\text{Numerator} \div \text{Denominator})$ Calculated separately for children, Indigenous Australians aged 50 years or over, and non-Indigenous Australians aged 65 years or over.
Numerator:	<u>Children:</u> Number of children aged 5 years who have been fully vaccinated according to the National Immunisation Program Schedule <u>Adults:</u> Number of Indigenous Australians aged 50 years or over, and non-Indigenous Australians aged 65 years or over, who have been vaccinated for influenza and pneumococcal disease

Numerator data elements:

Data Element / Data Set

Number of Indigenous Australians aged 50 years or over, and non-Indigenous Australians aged 65 years or over, who have been vaccinated for influenza and pneumococcal disease

Data Source

[ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Number of children aged 5 years who have been fully vaccinated according to the National Immunisation Program Schedule

Data Source

[Australian Childhood Immunisation Register \(ACIR\)](#)

Guide for use

Data source type: Register

Data Element / Data Set

Number of Indigenous Australians aged 50 years or over, and non-Indigenous Australians aged 65 years or over, who have been vaccinated for influenza and pneumococcal disease

Data Source

[Adult Vaccination Survey 2006](#)

Guide for use

Data source type: Survey

Denominator:

Children: Number of children aged 60-63 months on the Australian Childhood Immunisation Register

Adults: Population of Indigenous Australians aged 50 years or over, and non-Indigenous Australians aged 65 years or over

Denominator data elements:

Data Element / Data Set

Person—age

Data Source

[ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Person—age

Data Source

[Australian Childhood Immunisation Register \(ACIR\)](#)

Guide for use

Data source type: Register

Data Element / Data Set

Person—age

Data Source

[Adult Vaccination Survey 2006](#)

Guide for use

Data source type: Survey

Disaggregation data elements:

Data Element / Data Set

Person—area of usual residence

Data Source

[ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Guide for use

Data source type: Survey
Used for disaggregation by state/territory, remoteness area and SEIFA of residence

Data Element / Data Set

Person—area of usual residence

Data Source

[Australian Childhood Immunisation Register \(ACIR\)](#)

Guide for use

Data source type: Register
Used for disaggregation by state/territory, remoteness area and SEIFA of residence

Data Element / Data Set

Person—Indigenous status

Data Source

[Australian Childhood Immunisation Register \(ACIR\)](#)

Guide for use

Data source type: Register

Data Element / Data Set

Person—area of usual residence

Data Source

[Adult Vaccination Survey 2006](#)

Guide for use

Data source type: Survey
Used for disaggregation by state/territory, remoteness area and SEIFA of residence

Comments:

Specified disaggregation: State/territory: by Indigenous status, remoteness area and SEIFA of residence

Available disaggregation: State/territory: by Indigenous status, remoteness area and SEIFA of residence

Data for 2008-09 availability: For children, vaccination status as at June 2009 available September 2009.

Most recent data available for 2010 CRC baseline report:

Children: vaccination status as at June 2009

Adults: 2006

Representational attributes

Representation class: Percentage

Data type: Real

Unit of measure: Person

Format: N[N].N

Indicator conceptual framework

Framework and dimensions: [Accessibility](#)

[Health behaviours](#)

[Effectiveness](#)

Data source attributes

Data sources:

Data Source

[ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Frequency

Every 6 years

Data custodian

Australian Bureau of Statistics

Data Source

[Australian Childhood Immunisation Register \(ACIR\)](#)

Frequency

Quarterly (register 'snapshot')

Data custodian

Department of Health and Ageing

Data Source

[Adult Vaccination Survey 2006](#)

Frequency

Irregular

Data custodian

Department of Health and Ageing

Accountability attributes

Reporting requirements: National Healthcare Agreement

Organisation responsible for providing data: Australian Institute of Health and Welfare, Department of Health and Ageing

Benchmark:	<p><u>NPA on Essential Vaccines:</u></p> <ul style="list-style-type: none"> • Maintain and/or improve immunisation rates of 90% for children aged five years under the National Immunisation Program Schedule. • Percentage of Indigenous children immunised compared to non-Indigenous children under the National Immunisation Program Schedule compared to previous year. • Maintain or increase percentage of Australians aged 65 years and over who receive current year vaccine for influenza and initial/booster vaccine against pneumococcal disease compared to previous year. • Progress towards increased coverage of eligible Indigenous Australians immunised against influenza and invasive pneumococcal diseases under the National Influenza and Pneumococcal Indigenous Initiative.
Further data development / collection required:	<p>Specification: Long-term The quality of Indigenous identification in the Australian Childhood Immunisation Register needs to be assessed.</p>
Other issues caveats:	<p>Disaggregation by Indigenous status, remoteness and SEIFA within individual states/territories is subject to data quality considerations.</p> <p>The data quality statement should note that the sources for adult vaccinations may warrant further development to provide better estimates.</p> <p>Possible gaps in coverage due to unknown vaccination status of children less than 5 years migrating to Australia. It is possible this could be accounted for using Medicare data.</p> <p>Can be modified to add vaccines targeted at teenagers/young adults, e.g. HPV (cervical cancer), Hepatitis B.</p> <p>Current reporting from the Australian Childhood Immunisation Register of children who are 'fully vaccinated' is based on a subset of seven of the conditions specified for this indicator.</p>

Source and reference attributes

Steward: [Australian Institute of Health and Welfare](#)

Relational attributes

Related metadata references:	<p>Has been superseded by National Healthcare Agreement: P109-Immunisation rates for vaccines in the national schedule, 2011 Health!, Superseded 30/10/2011</p> <p>See also National Healthcare Agreement: P09-Immunisation rates for vaccines in the national schedule (Adult Vaccination Survey), 2010 QS Health!, Superseded 08/06/2011</p> <p>See also National Healthcare Agreement: P09-Immunisation rates for vaccines in the national schedule (National Aboriginal and Torres Strait Islander Health Survey), 2010 QS Health!, Retired 12/03/2015</p> <p>See also National Healthcare Agreement: P13-Proportion of children with 4th year developmental health check, 2010 Health!, Superseded 08/06/2011</p> <p>See also National Healthcare Agreement: P19-Infant/young child mortality rate, 2010 Health!, Superseded 08/06/2011</p> <p>See also National Healthcare Agreement: P20-Potentially avoidable deaths, 2010 Health!, Superseded 08/06/2011</p> <p>See also National Healthcare Agreement: P22-Selected potentially preventable hospitalisations, 2010 Health!, Superseded 08/06/2011</p>
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