

# 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

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Output measure
<b>Short name:</b>	Immunisation rates for vaccines in the national schedule, 2010
<b>METEOR identifier:</b>	394250
<b>Registration status:</b>	<a href="#">Health</a> , Superseded 08/06/2011
<b>Description:</b>	Proportion of children fully vaccinated and proportion of older adults vaccinated against specific infections.
<b>Indicator set:</b>	<a href="#">National Healthcare Agreement (2010)</a> <a href="#">Health</a> , Superseded 08/06/2011
<b>Outcome area:</b>	<a href="#">Prevention</a> <a href="#">Health</a> , Standard 07/07/2010
<b>Data quality statement:</b>	<a href="#">National Healthcare Agreement: P09-Immunisation rates for vaccines in the national schedule (Australian Childhood Immunisation Register), 2010 QS</a> <a href="#">Health</a> , Superseded 08/06/2011

## Collection and usage attributes

<b>Population group age from:</b>	Children: Persons aged 5 years Adults: Indigenous Australians aged 50 years or over; non-Indigenous Australians aged 65 years or over
<b>Computation description:</b>	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.
<b>Computation:</b>	$100 \times (\text{Numerator} \div \text{Denominator})$ Calculated separately for children, Indigenous Australians aged 50 years or over, and non-Indigenous Australians aged 65 years or over.
<b>Numerator:</b>	<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

<b>Benchmark:</b>	<p><u>NPA on Essential Vaccines:</u></p> <ul style="list-style-type: none"> <li>• Maintain and/or improve immunisation rates of 90% for children aged five years under the National Immunisation Program Schedule.</li> <li>• Percentage of Indigenous children immunised compared to non-Indigenous children under the National Immunisation Program Schedule compared to previous year.</li> <li>• 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.</li> <li>• Progress towards increased coverage of eligible Indigenous Australians immunised against influenza and invasive pneumococcal diseases under the National Influenza and Pneumococcal Indigenous Initiative.</li> </ul>
<b>Further data development / collection required:</b>	<p>Specification: Long-term</p> <p>The quality of Indigenous identification in the Australian Childhood Immunisation Register needs to be assessed.</p>
<b>Other issues caveats:</b>	<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

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