

National Healthcare Agreement: PI 09-Immunisation rates for vaccines in the national schedule, 2011

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National Healthcare Agreement: PI 09-Immunisation rates for vaccines in the national schedule, 2011

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Output measure
Short name:	PI 09-Immunisation rates for vaccines in the national schedule, 2011
METEOR identifier:	421684
Registration status:	Health , Superseded 30/10/2011
Description:	Proportion of children fully vaccinated and proportion of older adults vaccinated against specific infections
Indicator set:	National Healthcare Agreement (2011) Health , Superseded 31/10/2011
Outcome area:	Prevention Health , Standard 07/07/2010
Data quality statement:	National Healthcare Agreement: PI 09-Immunisation rates for vaccines in the national schedule (Australian Childhood Immunisation Register), 2011 QS Health , Superseded 04/12/2012

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:	<p><u>Fully vaccinated 5 year old children</u>: Children aged 60—63 months vaccinated against hepatitis B, diphtheria, tetanus and pertussis, <i>Haemophilus influenzae</i> type b, poliomyelitis, pneumococcal disease, rotavirus, measles, mumps, rubella, meningococcal C, and varicella.</p> <p>For Indigenous children in Qld, WA, SA and NT, fully vaccinated is defined as vaccinated against all the conditions listed above, plus hepatitis A.</p> <p>Analysis by remoteness and SEIFA Indicator of Relative Socio-economic Disadvantage (IRSD) is based on usual residence of person.</p> <p>Report by each disease vaccinated against.</p> <p>Adults: Rates directly age-standardised.</p> <p>Presented as a percentage.</p>
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:	<p><u>Children</u>: Number of children aged 5 years who have been fully vaccinated according to the National Immunisation Program Schedule.</p> <p><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.</p>

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 \(2009\)](#)

Guide for use

Data source type: Survey

Denominator:

Children: Number of children aged 5 years 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 \(2009\)](#)

Guide for use

Data source type: Survey

Disaggregation:

As at 30 June 2010—Nationally (children) by SEIFA Index of Relative Socioeconomic Disadvantage (IRSD) deciles

As at 30 June 2010—State and territory (children) by:

- Indigenous status
- remoteness
- SEIFA IRSD quintiles

2009—Nationally (adults) by SEIFA Index of Relative Socioeconomic Disadvantage (IRSD) deciles

2009—State and territory (adults) by:

- remoteness
- SEIFA IRSD quintiles

2009—State and territory (adults) by Indigenous status (no data)

Disaggregations within individual jurisdictions are subject to data quality considerations. Some disaggregations may result in numbers too small for publication.

Disaggregation data elements:

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 and SEIFA IRSD

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 \(2009\)](#)

Guide for use
Data source type: Survey
Used for disaggregation by state/territory, remoteness and SEIFA IRSD

Comments:

Current reporting from the Australian Childhood Immunisation Register of children who are 'fully vaccinated' is based on a subset of 9 of the conditions specified for this indicator, namely diphtheria, tetanus, pertussis, hepatitis B, poliomyelitis, *Haemophilus influenzae* type b, measles, mumps and rubella.

Most recent data available for 2011 CRC report:

Children: vaccination status as at June 2010

Adults: 2009

Indigenous adults: 2004–05

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 \(2009\)](#)

Frequency

Irregularly

Data custodian

Australian Institute of Health and Welfare

Accountability attributes

Reporting requirements: National Healthcare Agreement

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

Benchmark: National Partnership Agreement on Essential Vaccines:

- Maintain and/or improve immunisation rates of 90% for children aged five 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: Specification: Long-term

Relational attributes

Related metadata references:

Supersedes [National Healthcare Agreement: P09-Immunisation rates for vaccines in the national schedule, 2010](#)

[Health](#), Superseded 08/06/2011

Has been superseded by [National Healthcare Agreement: PI 09-Immunisation rates for vaccines in the national schedule, 2012](#)

[Health](#), Retired 25/06/2013

See also [National Healthcare Agreement: PB 07-By 2014-15, improve the provision of primary care and reduce the proportion of potentially preventable hospital admissions by 7.6 per cent over the 2006-07 baseline to 8.5 per cent of total hospital admissions, 2011](#)

[Health](#), Superseded 30/10/2011

See also [National Healthcare Agreement: PI 09-Immunisation rates for vaccines in the national schedule \(Adult Vaccination Survey\), 2011 QS](#)

[Health](#), Retired 12/03/2015

See also [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: PI 19-Infant and young child mortality rate, 2011](#)

[Health](#), Superseded 30/10/2011

See also [National Healthcare Agreement: PI 20-Potentially avoidable deaths, 2011](#)

[Health](#), Superseded 31/10/2011

See also [National Healthcare Agreement: PI 22-Selected potentially preventable hospitalisations, 2011](#)

[Health](#), Superseded 31/10/2011