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

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| 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| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 30/10/2011 |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(2011)](https://meteor.aihw.gov.au/content/423587)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 31/10/2011 |
| Outcome area: | [Prevention](https://meteor.aihw.gov.au/content/393136)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), 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2011 QS](https://meteor.aihw.gov.au/content/447906)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 04/12/2012 |

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| 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: | Fully vaccinated 5 year old children: Children aged 60—63 months vaccinated against hepatitis B, diptheria, tetanus and pertussis, *Haemophilus influenzae* type b, poliomyelitis, pneumococcal disease, rotavirus, measles, mumps, rubella, meningococcal C, and varicella.  For Indigenous children in Qld, WA, SA and NT, fully vaccinated is defined as vaccinated against all the conditions listed above, plus hepatitis A.  Analysis by remoteness and SEIFA Indicator of Relative Socio-economic Disadvantage (IRSD) is based on usual residence of person.  Report by each disease vaccinated against.  Adults: Rates directly age-standardised.  Presented as a percentage. |
| Computation: | 100 × (Numerator ÷ Denominator)  Calculated separately for children, Indigenous Australians aged 50 years or over, and non-Indigenous Australians aged 65 years or over. |
| Numerator: | Children: Number of children aged 5 years who have been fully vaccinated according to the National Immunisation Program Schedule.  Adults: 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**  **Data Element**  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)](https://meteor.aihw.gov.au/content/394146)  **Guide for use**  Data source type: Survey  **Data Element / Data Set**  **Data Element**  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)](https://meteor.aihw.gov.au/content/394254)  **Guide for use**  Data source type: Register  **Data Element / Data Set**  **Data Element**  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)](https://meteor.aihw.gov.au/content/426232)  **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**  **Data Element**  Person—age  **Data Source**  [ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey (NATSIHS)](https://meteor.aihw.gov.au/content/394146)  **Guide for use**  Data source type: Survey  **Data Element / Data Set**  **Data Element**  Person—age  **Data Source**  [Australian Childhood Immunisation Register (ACIR)](https://meteor.aihw.gov.au/content/394254)  **Guide for use**  Data source type: Register  **Data Element / Data Set**  **Data Element**  Person—age  **Data Source**  [Adult Vaccination Survey (2009)](https://meteor.aihw.gov.au/content/426232)  **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**  **Data Element**  Person—area of usual residence  **Data Source**  [Australian Childhood Immunisation Register (ACIR)](https://meteor.aihw.gov.au/content/394254)  **Guide for use**  Data source type: Register Used for disaggregation by state/territory, remoteness and SEIFA IRSD  **Data Element / Data Set**  **Data Element**  Person—Indigenous status  **Data Source**  [Australian Childhood Immunisation Register (ACIR)](https://meteor.aihw.gov.au/content/394254)  **Guide for use**  Data source type: Register  **Data Element / Data Set**  **Data Element**  Person—area of usual residence  **Data Source**  [Adult Vaccination Survey (2009)](https://meteor.aihw.gov.au/content/426232)  **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](https://meteor.aihw.gov.au/content/392591)  [Health behaviours](https://meteor.aihw.gov.au/content/392579)  [Effectiveness](https://meteor.aihw.gov.au/content/392587) |
| Data source attributes | |
| Data sources: | **Data Source**  [ABS 2004-05 National Aboriginal and Torres Strait Islander Health Survey (NATSIHS)](https://meteor.aihw.gov.au/content/394146)  **Frequency**  Every 6 years  **Data custodian**  Australian Bureau of Statistics  **Data Source**  [Australian Childhood Immunisation Register (ACIR)](https://meteor.aihw.gov.au/content/394254)  **Frequency**  Quarterly (register 'snapshot')  **Data custodian**  Department of Health and Ageing  **Data Source**  [Adult Vaccination Survey (2009)](https://meteor.aihw.gov.au/content/426232)  **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](https://meteor.aihw.gov.au/content/394250)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 08/06/2011  Has been superseded by [National Healthcare Agreement: PI 09-Immunisation rates for vaccines in the national schedule, 2012](https://meteor.aihw.gov.au/content/436839)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), 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](https://meteor.aihw.gov.au/content/429180)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 30/10/2011  See also [National Healthcare Agreement: PI 09-Immunisation rates for vaccines in the national schedule (Adult Vaccination Survey), 2011 QS](https://meteor.aihw.gov.au/content/447917)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Retired 12/03/2015  See also [National Healthcare Agreement: PI 13-Proportion of children with 4th year developmental health check, 2011](https://meteor.aihw.gov.au/content/421660)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 30/10/2011  See also [National Healthcare Agreement: PI 19-Infant and young child mortality rate, 2011](https://meteor.aihw.gov.au/content/421655)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 30/10/2011  See also [National Healthcare Agreement: PI 20-Potentially avoidable deaths, 2011](https://meteor.aihw.gov.au/content/421653)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 31/10/2011  See also [National Healthcare Agreement: PI 22-Selected potentially preventable hospitalisations, 2011](https://meteor.aihw.gov.au/content/421649)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 31/10/2011 |