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

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| 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| Registration status: | [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 08/06/2011 |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)](https://meteor-uat.aihw.gov.au/content/392471)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 08/06/2011 |
| Outcome area: | [Prevention](https://meteor-uat.aihw.gov.au/content/393136)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), 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QS](https://meteor-uat.aihw.gov.au/content/392607)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 08/06/2011 |

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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: | Reported by each disease vaccinated against.  Fully vaccinated 5 year old children: Children aged 60–63 months vaccinated against Hepatitis B, Diphtheria, tetanus and pertussis, *Haemophilus influenzae type B*, 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 × (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**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-uat.aihw.gov.au/content/394146)  **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)](https://meteor-uat.aihw.gov.au/content/394254)  **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](https://meteor-uat.aihw.gov.au/content/394257)  **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)](https://meteor-uat.aihw.gov.au/content/394146)  **Guide for use**  Data source type: Survey    **Data Element / Data Set**Person—age  **Data Source**  [Australian Childhood Immunisation Register (ACIR)](https://meteor-uat.aihw.gov.au/content/394254)  **Guide for use**  Data source type: Register    **Data Element / Data Set**Person—age  **Data Source**  [Adult Vaccination Survey 2006](https://meteor-uat.aihw.gov.au/content/394257)  **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)](https://meteor-uat.aihw.gov.au/content/394146)  **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)](https://meteor-uat.aihw.gov.au/content/394254)  **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)](https://meteor-uat.aihw.gov.au/content/394254)  **Guide for use**  Data source type: Register    **Data Element / Data Set**Person—area of usual residence  **Data Source**  [Adult Vaccination Survey 2006](https://meteor-uat.aihw.gov.au/content/394257)  **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](https://meteor-uat.aihw.gov.au/content/392591)  [Health behaviours](https://meteor-uat.aihw.gov.au/content/392579)  [Effectiveness](https://meteor-uat.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-uat.aihw.gov.au/content/394146)  **Frequency**  Every 6 years  **Data custodian**  Australian Bureau of Statistics    **Data Source**  [Australian Childhood Immunisation Register (ACIR)](https://meteor-uat.aihw.gov.au/content/394254)  **Frequency**  Quarterly (register 'snapshot')  **Data custodian**  Department of Health and Ageing    **Data Source**  [Adult Vaccination Survey 2006](https://meteor-uat.aihw.gov.au/content/394257)  **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: | NPA on Essential Vaccines:  • 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: | Specification: Long-term The quality of Indigenous identification in the Australian Childhood Immunisation Register needs to be assessed. |
| Other issues caveats: | Disaggregation by Indigenous status, remoteness and SEIFA within individual states/territories is subject to data quality considerations.  The data quality statement should note that the sources for adult vaccinations may warrant further development to provide better estimates.  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.  Can be modified to add vaccines targeted at teenagers/young adults, e.g. HPV (cervical cancer), Hepatitis B.  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. |
| Source and reference attributes | |
| Steward: | [Australian Institute of Health and Welfare](https://meteor-uat.aihw.gov.au/content/246013) |
| Relational attributes | |
| Related metadata references: | Has been superseded by [National Healthcare Agreement: PI 09-Immunisation rates for vaccines in the national schedule, 2011](https://meteor-uat.aihw.gov.au/content/421684)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 30/10/2011  See also [National Healthcare Agreement: P09-Immunisation rates for vaccines in the national schedule (Adult Vaccination Survey), 2010 QS](https://meteor-uat.aihw.gov.au/content/393114)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 08/06/2011  See also [National Healthcare Agreement: P09-Immunisation rates for vaccines in the national schedule (National Aboriginal and Torres Strait Islander Health Survey), 2010 QS](https://meteor-uat.aihw.gov.au/content/408729)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Retired 12/03/2015  See also [National Healthcare Agreement: P13-Proportion of children with 4th year developmental health check, 2010](https://meteor-uat.aihw.gov.au/content/394300)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 08/06/2011  See also [National Healthcare Agreement: P19-Infant/young child mortality rate, 2010](https://meteor-uat.aihw.gov.au/content/394462)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 08/06/2011  See also [National Healthcare Agreement: P20-Potentially avoidable deaths, 2010](https://meteor-uat.aihw.gov.au/content/394495)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 08/06/2011  See also [National Healthcare Agreement: P22-Selected potentially preventable hospitalisations, 2010](https://meteor-uat.aihw.gov.au/content/394719)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 08/06/2011 |