National Healthcare Agreement: PI 13-Proportion of children with 4th year developmental health check, 2011

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# National Healthcare Agreement: PI 13-Proportion of children with 4th year developmental health check, 2011

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| Identifying and definitional attributes | |
| Metadata item type: | Indicator |
| Indicator type: | Output measure |
| Short name: | PI 13-Proportion of children with 4th year developmental health check, 2011 |
| METEOR identifier: | 421660 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 30/10/2011 |
| Description: | Proportion of children who have received a 4 year old developmental health check. |
| 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(2011)](https://meteor.aihw.gov.au/content/423587)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 31/10/2011 |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 13-Proportion of children with 4th year developmental health check, 2011 QS](https://meteor.aihw.gov.au/content/447985)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 04/12/2012 |

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| Collection and usage attributes | |
| Population group age from: | Population aged 3 years |
| Population group age to: | Population aged 5 years |
| Computation description: | Medicare Benefits Schedule (MBS) item numbers changed on 1 May 2010, therefore information for two time periods are presented below:  1 July 2009 to 30 April 2010: Includes Aboriginal and Torres Strait Islander Child Health Checks (limited to those given to 3, 4 and 5 year olds)  Count children who received both a 4th year developmental health check (Healthy Kids Check) and an Aboriginal and Torres Strait Islander Child Health Check once only. Count children who have received more than one check (of either type) once only.  4th year developmental health check (Healthy Kids Check) = MBS items 709 and 711.  Aboriginal and Torres Strait Islander Child Health Check = MBS item 708.  1 May 2010 to 30 June 2010: In extracting data for the items in question only services involving patients who were 3, 4 or 5 years of age will be tabulated.  Count children who receive both a health assessment and an Aboriginal and Torres Strait Islander health assessment once only. Count children who have received more than one check (of either type) once only.  Brief, standard, long and prolonged health assessments are claimed under Items 701, 703, 705, 707 respectively.  Health assessment provided by a practice nurse or registered Aboriginal health worker = MBS item 10986  All health assessments involving Aboriginal and Torres Strait Islander peoples are claimed under MBS Item 715.  Analysis by remoteness and SEIFA Indicator of Relative Socio-economic Disadvantage (IRSD) is based on usual residence of person.  Presented as a percentage. |
| Computation: | 100 × (Numerator ÷ Denominator) |
| Numerator: | Number of children aged 3, 4 or 5 years who have received a developmental health check (Healthy Kids Check) or an Aboriginal and Torres Strait Islander Child Health Check. |
| Numerator data elements: | **Data Element / Data Set**  **Data Element**  Instances of children receiving a Healthy Kids Check or an Aboriginal and Torres Strait Islander Child Health Check  **Data Source**  [Medicare (MBS) data](https://meteor.aihw.gov.au/content/394305)  **Guide for use**  Data source type: Administrative by-product data  **Data Element / Data Set**  **Data Element**  Person—age  **Data Source**  [Medicare (MBS) data](https://meteor.aihw.gov.au/content/394305)  **Guide for use**  Data source type: Administrative by-product data |
| Denominator: | Population aged 4 years |
| Denominator data elements: | **Data Element / Data Set**  **Data Element**  Person—estimated resident population of Australia  **Data Source**  [ABS Estimated resident population (total population)](https://meteor.aihw.gov.au/content/393625)  **Guide for use**  Data source type: Census-based plus administrative by-product data  **Data Element / Data Set**  **Data Element**  Person—estimated resident population of Australia  **Data Source**  [ABS Indigenous experimental estimates and projections (2001 Census-based)](https://meteor.aihw.gov.au/content/394092)  **Guide for use**  Data source type: Census-based plus administrative by-product data  **Data Element / Data Set**  [Person—age, total years N[NN]](https://meteor.aihw.gov.au/content/303794)  **Data Source**  [ABS Estimated resident population (total population)](https://meteor.aihw.gov.au/content/393625)  **Guide for use**  Data source type: Census-based plus administrative by-product data  **Data Element / Data Set**  [Person—age, total years N[NN]](https://meteor.aihw.gov.au/content/303794)  **Data Source**  [ABS Indigenous experimental estimates and projections (2001 Census-based)](https://meteor.aihw.gov.au/content/394092)  **Guide for use**  Data source type: Census-based plus administrative by-product data |
| Disaggregation: | 2009–10—Nationally, by SEIFA Index of Relative Socioeconomic Disadvantage (IRSD) deciles  2009–10—State and territory, by:   * type of check (proxy for Indigenous status) * remoteness * SEIFA IRSD quintiles   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**  Healthy Kids Check (MBS item 709 or 711) or an Aboriginal and Torres Strait Islander Child Health Check (MBS item 708)  **Data Source**  [Medicare (MBS) data](https://meteor.aihw.gov.au/content/394305)  **Guide for use**  Data source type: Administrative by-product data  **Data Element / Data Set**  **Data Element**  Person—area of usual residence  **Data Source**  [Medicare (MBS) data](https://meteor.aihw.gov.au/content/394305)  **Guide for use**  Data source type: Administrative by-product data Used for disaggregation by state/territory, remoteness and SEIFA IRSD |
| Comments: | Data for MBS Items 709 and 711 (Healthy Kids Check) include Indigenous children who receive these checks. It is therefore not possible to produce an Indigenous disaggregation.  MBS item numbers change over time and need to be updated as required.  Indigenous Experimental Population Projections are available by 5 year age group, not by single year of age. Estimates for Indigenous children aged 4 years old are used.  Most recent data available for 2011 CRC report: 2009–10 |
| Representational attributes | |
| Representation class: | Percentage |
| Data type: | Real |
| Unit of measure: | Person |
| Format: | N[NN].N |
| Indicator conceptual framework | |
| Framework and dimensions: | [Accessibility](https://meteor.aihw.gov.au/content/392591) |
| Data source attributes | |
| Data sources: | **Data Source**  [ABS Estimated resident population (total population)](https://meteor.aihw.gov.au/content/393625)  **Frequency**  Quarterly  **Data quality statement**  [ABS Estimated resident population (total population), QS](https://meteor.aihw.gov.au/content/449216)  **Data custodian**  Australian Bureau of Statistics  **Data Source**  [Medicare (MBS) data](https://meteor.aihw.gov.au/content/394305)  **Frequency**  Annually  **Data custodian**    Department of Health    **Data Source**  [ABS Indigenous experimental estimates and projections (2001 Census-based)](https://meteor.aihw.gov.au/content/394092)  **Frequency**  Periodic  **Data quality statement**  [ABS Indigenous experimental estimates and projections, QS](https://meteor.aihw.gov.au/content/449223)  **Data custodian**  Australian Bureau of Statistics |
| Accountability attributes | |
| Reporting requirements: | National Healthcare Agreement |
| Organisation responsible for providing data: | Department of Health and Ageing; Australian Institute of Health and Welfare to provide Data Quality Statement |
| Further data development / collection required: | Specification: Interim—the MBS items do not cover all developmental health check activity, including that conducted through state and territory early childhood health assessments in preschools and community health centres. |
| Relational attributes | |
| Related metadata references: | Supersedes [National Healthcare Agreement: P13-Proportion of children with 4th year developmental health check, 2010](https://meteor.aihw.gov.au/content/394300)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 08/06/2011  Has been superseded by [National Healthcare Agreement: PI 13-Proportion of children with 4th year developmental health check, 2012](https://meteor.aihw.gov.au/content/441359)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Retired 25/06/2013  See also [National Healthcare Agreement: PI 09-Immunisation rates for vaccines in the national schedule, 2011](https://meteor.aihw.gov.au/content/421684)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 30/10/2011 |