Australian Health Performance Framework: PI 3.1.8–Notification of selected childhood diseases, 2020

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# Australian Health Performance Framework: PI 3.1.8–Notification of selected childhood diseases, 2020

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| Identifying and definitional attributes | |
| Metadata item type: | Indicator |
| Indicator type: | Indicator |
| Short name: | AHPF PI 3.1.8–Notification of selected childhood diseases, 2020 |
| METEOR identifier: | 728412 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 07/09/2023 |
| Description: | The rate of children aged less than 15 notified as having selected vaccine preventable diseases. |
| Rationale: | The *Immunise Australia* program has had a substantial influence on reducing rates for a wide variety of communicable diseases. Despite this progress, outbreaks of vaccine preventable diseases can still occur. |
| Indicator set: | [Australian Health Performance Framework, 2020](https://meteor.aihw.gov.au/content/728283)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 11/07/2023 |

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| Collection and usage attributes | |
| Population group age from: | Birth |
| Population group age to: | 14 years |
| Computation description: | The rate per 100,000 children aged less than 15 notified as having selected vaccine preventable diseases. |
| Computation: | 100,000 × (Numerator ÷ Denominator) |
| Numerator: | Number of children aged 0 to 14 who have been notified as having contracted measles, pertussis or invasive Haemophilus influenzae type b. |
| Numerator data elements: | **Data Element / Data Set**  **Data Element**    Notification — disease type    **Data Source**  [National Notifiable Diseases Surveillance System (NNDSS)](https://meteor.aihw.gov.au/content/393138)  **Guide for use**    National notifiable diseases register    **Data Element / Data Set**  [Person—Age, total years N[NN]](https://meteor.aihw.gov.au/content/585222)  **Data Source**  [National Notifiable Diseases Surveillance System (NNDSS)](https://meteor.aihw.gov.au/content/393138)  **Guide for use**    National notifiable diseases register |
| Denominator: | Number of children under15 years of age. |
| Denominator data elements: | **Data Element / Data Set**  [Person—Age, total years N[NN]](https://meteor.aihw.gov.au/content/585222)  **Data Source**  [National Notifiable Diseases Surveillance System (NNDSS)](https://meteor.aihw.gov.au/content/393138)  **Guide for use**    National notifiable diseases register |
| Disaggregation: | Nationally, by:   * disease type * state/territory * age group * sex * Indigenous status.   Except for pertussis, numbers of notifications are too small for reporting by age group, sex or Indigenous status, and may also involve suppressions by state/territory. |
| Disaggregation data elements: | **Data Element / Data Set**  **Data Element**    Notification — disease type      **Data Source**  [National Notifiable Diseases Surveillance System (NNDSS)](https://meteor.aihw.gov.au/content/393138)  **Guide for use**    National notifiable diseases register    **Data Element / Data Set**  [Person—sex, code N](https://meteor.aihw.gov.au/content/270263)  **Data Source**  [National Notifiable Diseases Surveillance System (NNDSS)](https://meteor.aihw.gov.au/content/393138)  **Guide for use**    National notifiable diseases register    **Data Element / Data Set**  [Person—Age, total years N[NN]](https://meteor.aihw.gov.au/content/585222)  **Data Source**  [National Notifiable Diseases Surveillance System (NNDSS)](https://meteor.aihw.gov.au/content/393138)  **Guide for use**    National notifiable diseases register    **Data Element / Data Set**  [Person—Indigenous status, code N](https://meteor.aihw.gov.au/content/602543)  **Data Source**  [National Notifiable Diseases Surveillance System (NNDSS)](https://meteor.aihw.gov.au/content/393138)  **Guide for use**    National notifiable diseases register    **Data Element / Data Set**  [Person—area of usual residence, Australian state/territory code AA[A]](https://meteor.aihw.gov.au/content/645249)  **Data Source**  [National Notifiable Diseases Surveillance System (NNDSS)](https://meteor.aihw.gov.au/content/393138)  **Guide for use**    National notifiable diseases register |
| Representational attributes | |
| Representation class: | Rate |
| Data type: | Real |
| Unit of measure: | Disease type |
| Format: | N[NNN].N |
| Data source attributes | |
| Data sources: | **Data Source**  [National Notifiable Diseases Surveillance System (NNDSS)](https://meteor.aihw.gov.au/content/393138)  **Frequency**  Annual  **Data custodian**    Australian Government Department of Health |
| Accountability attributes | |
| Reporting requirements: | Australian Health Performance Framework |
| Organisation responsible for providing data: | Australian Government Department of Health |
| Accountability: | Australian Government Department of Health |
| Further data development / collection required: | Mumps and other vaccine preventable communicable diseases could be considered for addition to the numerator. |
| Other issues caveats: | The 3 vaccine preventable diseases selected for this indicator are the 3 currently reported by the Productivity Commission.  Available diagnostic tools make it uncommon for cases of measles or invasive Haemophilus influenzae type b to go undiagnosed, however, diagnosis of pertussis cannot always be confirmed using available tools ([Productivity Commission 2019: Table 10A.57](https://www.pc.gov.au/research/ongoing/report-on-government-services/2019/health/primary-and-community-health/rogs-2019-parte-chapter10.pdf)) |
| Source and reference attributes | |
| Submitting organisation: | Australian Institute of Health and Welfare |
| Steward: | [Department of Health and Aged Care](https://meteor.aihw.gov.au/content/564862) |
| Origin: | Productivity Commission 2019. [Final report 2019 Chapter 10 Primary and community health](https://www.pc.gov.au/research/ongoing/report-on-government-services/2019/health/primary-and-community-health/rogs-2019-parte-chapter10.pdf). Canberra: Productivity Commission. |
| Reference documents: | Australian Institute of Health and Welfare 2015. [National youth information framework (NYIF) indicators vaccine-preventable diseases](http://analytics.aihw.gov.au/Viewer/VisualAnalyticsViewer_guest.jsp?reportPath=%2FAIHW%2FReleasedPublic%2FYouth%2FReports&amp;reportName=YTH2015_vaccine_prev&amp;appSwitcherDisabled=true). Canberra: Australian Institute of Health and Welfare.  Productivity Commission 2019. [Final report 2019 Chapter 10 Primary and community health](https://www.pc.gov.au/research/ongoing/report-on-government-services/2019/health/primary-and-community-health/rogs-2019-parte-chapter10.pdf). Canberra: Productivity Commission. |
| Relational attributes | |
| Related metadata references: | Has been superseded by [Australian Health Performance Framework: PI 3.1.8–Notification of selected childhood diseases, 2021](https://meteor.aihw.gov.au/content/777088)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 07/09/2023 |