Australian Health Performance Framework: PI 3.1.8–Notification of selected childhood diseases, 2021

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# Australian Health Performance Framework: PI 3.1.8–Notification of selected childhood diseases, 2021

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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, 2021 |
| METEOR identifier: | 777088 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 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, 2021](https://meteor.aihw.gov.au/content/764926)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 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 less than 15 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 less than 15 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 * age * state/territory.   Except for pertussis, numbers of notifications may be too small for reporting 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—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—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 |
| Comments: | Reporting data is for the financial year 2020-21. |
| 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 2022: Table 10A.64](https://www.pc.gov.au/ongoing/report-on-government-services/2022/health/primary-and-community-health)). |
| Release date: | 23/02/2022 |
| 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 2022. [Chapter 10 Primary and community health](https://www.pc.gov.au/ongoing/report-on-government-services/2022/health/primary-and-community-health). 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 2022. [Chapter 10 Primary and community health](https://www.pc.gov.au/ongoing/report-on-government-services/2022/health/primary-and-community-health). Canberra: Productivity Commission. |
| Relational attributes | |
| Related metadata references: | Supersedes [Australian Health Performance Framework: PI 3.1.8–Notification of selected childhood diseases, 2020](https://meteor.aihw.gov.au/content/728412)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 07/09/2023 |