

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

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! , Standard 13/10/2021
Description:	The rate of children aged less than 15 notified as having selected vaccine preventable diseases.
Rationale:	The <i>Immunise Australia</i> 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 Health! , Standard 13/10/2021

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:	$100,000 \times (\text{Numerator} \div \text{Denominator})$
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

Notification — disease type

Data Source

[National Notifiable Diseases Surveillance System \(NNDSS\)](#)

Guide for use

National notifiable diseases register

Data Element / Data Set

[Person—Age, total years N\[NN\]](#)

Data Source

[National Notifiable Diseases Surveillance System \(NNDSS\)](#)

Guide for use

National notifiable diseases register

Denominator:	Number of children under 15 years of age.
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Denominator data elements:

Data Element / Data Set

[Person—Age, total years N\[NN\]](#)

Data Source

[National Notifiable Diseases Surveillance System \(NNDSS\)](#)

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

Notification — disease type

Data Source

[National Notifiable Diseases Surveillance System \(NNDSS\)](#)

Guide for use

National notifiable diseases register

Data Element / Data Set

[Person—sex, code N](#)

Data Source

[National Notifiable Diseases Surveillance System \(NNDSS\)](#)

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National notifiable diseases register

Data Element / Data Set

[Person—Age, total years N\[NN\]](#)

Data Source

[National Notifiable Diseases Surveillance System \(NNDSS\)](#)

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National notifiable diseases register

Data Element / Data Set

[Person—Indigenous status, code N](#)

Data Source

[National Notifiable Diseases Surveillance System \(NNDSS\)](#)

Guide for use

National notifiable diseases register

Data Element / Data Set

[Person—area of usual residence, Australian state/territory code AA\[A\]](#)

Data Source

[National Notifiable Diseases Surveillance System \(NNDSS\)](#)

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 \(NNDSS\)](#)

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](#))

Source and reference attributes

Submitting organisation: Australian Institute of Health and Welfare

Steward: [Department of Health](#)

Origin: Productivity Commission 2019. [Final report 2019 Chapter 10 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](#). Canberra: Australian Institute of Health and Welfare.

Productivity Commission 2019. [Final report 2019 Chapter 10 Primary and community health](#). Canberra: Productivity Commission.