Australian Health Performance Framework: PI 3.1.3–Incidence of sexually transmissible infections and blood-borne viruses, 2021

Exported from METEOR (AIHW's Metadata Online Registry)

Australian Health Performance Framework: PI 3.1.3– Incidence of sexually transmissible infections and blood-borne viruses, 2021

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	AHPF PI 3.1.3–Incidence of sexually transmissible infections and blood-borne viruses, 2021
METEOR identifier:	778137
Registration status:	Health, Superseded 29/05/2024
Description:	The number of notifications of syphilis, human immunodeficiency virus (HIV), hepatitis B, hepatitis C, chlamydia and gonorrhoea.
Rationale:	Simple treatments are available for most of these sexually transmissible infections. However, if left untreated, chlamydia and gonorrhoea can cause pelvic inflammatory disease in females and infertility in both males and females, while untreated syphilis can cause serious long-term conditions including heart failure, dementia, blindness and brain damage.
Indicator set:	Australian Health Performance Framework, 2021 Health, Superseded 29/05/2024

Collection and usage attributes

Population group age from:	Birth
Population group age to:	50 years and older
Computation description:	**Age-standardised rate** (expressed as a percentage): calculated using the direct method, using age groups 0-14, 15-19, 20-29, 30-39, 40-49, and 50 and over based on the 2001 Census as the standard population using the direct age-standardisation method. **Analysis by state and territory**, remoteness and SEIFA Index of Relative Socioeconomic Disadvantage (IRSD) is based on usual residence of person. Presented as crude rate per 100,000 population. **Indigenous population** TBC
Computation:	Crude rate (expressed as a percent) 100,000 × (Numerator ÷ Denominator) Calculated separately for each type of infection
Numerator:	Number of notifications of new diagnoses of syphilis, HIV, hepatitis B, hepatitis C, chlamydia and gonorrhoea infection.

Numerator data elements:

┌─ **Data Element / Data Set** ─────────────────────────

Viral hepatitis (B and C), gonorrhoea, syphilis, chlamydia - notifications of new diagnoses of selected sexually transmissible disease and/or blood-borne viruses -

Data Source

National Notifiable Diseases Surveillance System (NNDSS)

Guide for use

Data source type: Administrative by-product data

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┌─ **Data Element / Data Set** ─────────────────────────

HIV - Notifications of new diagnoses of selected sexually transmissible disease and/or blood-borne viruses

Data Source

National HIV Registry

Guide for use

Data source type: Administrative by-product data

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Denominator: Total population

Denominator data elements:

┌─ **Data Element / Data Set** ─────────────────────────

Person—estimated resident population of Australia

Data Source

ABS Estimated resident population (total population)

Guide for use

Data source type: Census-based plus administrative by-product data

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┌─ **Data Element / Data Set** ─────────────────────────

Person—estimated resident population of Australia

Data Source

ABS Indigenous experimental estimates and projections (2001 Census-based)

Guide for use

Data source type: Census-based plus administrative by-product data

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Disaggregation: State and territory, by each type of infection, by:

- Indigenous status
- sex
- age
- remoteness (Australian Standard Geographical Classification Remoteness Structure)
- SEIFA IRSD quintiles

Some disaggregation may result in numbers too small for publication.

Disaggregation data elements:

┌─ **Data Element / Data Set** ─────────────────────────────────┐

Person—age

Data Source

National Notifiable Diseases Surveillance System (NNDSS)

Guide for use

Data source type: Administrative by-product data

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┌─ **Data Element / Data Set** ─────────────────────────────────┐

Person—area of usual residence

Data Source

National Notifiable Diseases Surveillance System (NNDSS)

Guide for use

Data source type: Administrative by-product data

Used for disaggregation by state/territory, remoteness and SEIFA IRSD

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┌─ **Data Element / Data Set** ─────────────────────────────────┐

Person—Indigenous status

Data Source

National Notifiable Diseases Surveillance System (NNDSS)

Guide for use

Data source type: Administrative by-product data

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┌─ **Data Element / Data Set** ─────────────────────────────────┐

Person—sex

Data Source

National Notifiable Diseases Surveillance System (NNDSS)

Guide for use

Data source type: Administrative by-product data

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Data Element / Data Set

Person—age

Data Source

National HIV Registry

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Person—area of usual residence

Data Source

National HIV Registry

Guide for use

Data source type: Administrative by-product data

Used for disaggregation by state/territory, remoteness and SEIFA IRSD

Data Element / Data Set

Person—Indigenous status

Data Source

National HIV Registry

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Person—sex

Data Source

National HIV Registry

Guide for use

Data source type: Administrative by-product data

| **Comments:** | The current case definitions for these infections, including any historical edits, are available at: https://www.health.gov.au/casedefinitions.

Syphilis data limited to notifications of less than 2 years' duration and includes notifications of congenital syphilis.

HIV data contains notifications of newly diagnosed HIV infection and includes HIV infections known to have been acquired within 12 months prior to diagnosis.

Hepatitis B and **hepatitis C** data contains notifications of newly diagnosed infections, including cases known to have been acquired within 24 months prior to diagnosis.

Chlamydia and **gonococcal infection** notifications may include cases that are not sexually acquired, especially in the 0-4 year age group. |

Representational attributes

Representation class:	Rate
Data type:	Real
Unit of measure:	Person
Format:	N[NN].N

Data source attributes

Data sources:

Data Source

[ABS Estimated resident population (total population)](#)

Frequency

Quarterly

Data quality statement

[ABS Estimated resident population (total population), QS](#)

Data custodian

Australian Bureau of Statistics

Data Source

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

Frequency

Annual

Data custodian

Australian Government Department of Health

Data Source

[ABS Indigenous experimental estimates and projections (2001 Census-based)](#)

Frequency

Periodic

Data quality statement

[ABS Indigenous experimental estimates and projections, QS](#)

Data custodian

Australian Bureau of Statistics

Data Source

[National HIV Registry](#)

Frequency

Annual

Data custodian

The Kirby Institute for infection and immunity in society

Accountability attributes

Reporting requirements: Australian Health Performance Framework

Organisation responsible for providing data: Kirby Institute, University of New South Wales

Accountability: Australian Institute of Health and Welfare

Further data development / Specification: Long-term
collection required:

Source and reference attributes

Submitting organisation: Australian Institute of Health and Welfare

Relational attributes

Related metadata   Supersedes Australian Health Performance Framework: PI 3.1.3–Incidence of
references: sexually transmissible infections and blood-borne viruses, 2020
                                   Health, Superseded 07/09/2023

                              Has been superseded by Australian Health Performance Framework: PI 3.1.3–
                              Incidence of sexually transmissible infections and blood-borne viruses, 2024
                                   Health, Standard 29/05/2024

                              See also National Healthcare Agreement: PI 02-Incidence of sexually transmissible
                              infections and blood-borne viruses, 2012
                                   Health, Retired 25/06/2013