

National Healthcare Agreement: P02-Incidence of sexually transmitted infections and blood-borne viruses, 2010

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Incidence of sexually transmitted infections and blood-borne viruses, 2010
METEOR identifier:	393139
Registration status:	<ul style="list-style-type: none">• Health, Superseded 08/06/2011
Description:	The incidence of sexually transmitted infections and blood-borne viruses.
Indicator set:	National Healthcare Agreement (2010) Health , Superseded 08/06/2011
Outcome area:	Prevention Health , Standard 07/07/2010
Quality statement:	National Healthcare Agreement: P02-Incidence of sexually transmitted infections and blood-borne viruses, 2010 QS Health, Superseded 08/06/2011

Collection and usage attributes

Computation description:	<p>Syphilis limited to cases of less than 2 years duration, and cases of congenital syphilis.</p> <p>HIV data includes reports of newly diagnosed HIV infection and cases of HIV infections known to have been newly acquired.</p> <p>Includes all Hepatitis B and C infections, whether or not the infection was sexually transmitted.</p> <p>Rates are directly age-standardised to the Australian population as at 30 June 2001.</p>
Computation:	<p>$100,000 \times (\text{Numerator} \div \text{Denominator})$</p> <p>Presented as a rate per 100,000.</p> <p>Age-standardised to the Australian population as at 30 June 2001, using 5-year age groups to 84 years. Indigenous population data are not available for all states and territories for 5-year age groups beyond 64 years, so Indigenous disaggregations are standardised to 64 years.</p> <p>Calculated separately for each type of infection.</p>
Numerator:	Number of notifications of new cases of syphilis, HIV, Hepatitis B, Hepatitis C, Chlamydia and gonococcal infection

Numerator data elements:

Data Element / Data Set

Data Element

Notifications of new cases of selected sexually transmitted disease and/or blood-borne viruses

Data Source

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

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Data Element

Notifications of new cases of selected sexually transmitted disease and/or blood-borne viruses

Data Source

[National HIV Register](#)

Guide for use

Data source type: Administrative by-product data

Denominator:

Total population

Denominator data elements:

Data Element / Data Set

Data Element

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

Data Element / Data Set

Data Element

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

Disaggregation data elements:

Data Element / Data Set

Data Element

Person—age

Data Source

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

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Data Element

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 area and SEIFA of residence

Data Element / Data Set

Data Element

Person—Indigenous status

Data Source

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

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Data Element

Person—sex

Data Source

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

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Data Element

Person—age

Data Source

[National HIV Register](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Data Element

Person—area of usual residence

Data Source

[National HIV Register](#)

Guide for use
Data source type: Administrative by-product data
Used for disaggregation by state/territory, remoteness area and SEIFA of residence

Data Element / Data Set

Data Element

Person—Indigenous status

Data Source

[National HIV Register](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Data Element

Person—sex

Data Source

[National HIV Register](#)

Guide for use

Data source type: Administrative by-product data

Comments:

Specified disaggregation: Nationally and by state/territory: by age group, sex, Indigenous status, remoteness area and SEIFA of residence.

Available disaggregation: Nationally and by state/territory: by age group, sex, Indigenous status, remoteness area and SEIFA of residence.

Data for 2008-09 will be available at the end of 2009.

Most recent data available for 2010 CRC baseline report: 2008.

For data by Indigenous status: ABS Indigenous Experimental Estimates and Projections (Indigenous Population) Series B as at 30 June 2008.

For data by socioeconomic status: calculated using the ABS' Index of Relative Socioeconomic Disadvantage and Estimated Resident Population (ERP) by Statistical Local Area (SLA) as at 30 June 2008. Each SLA in Australia is ranked and divided into quintiles in a population-based manner, such that each quintile has approximately 20% of the population.

For data by remoteness: ABS ERP as at 30 June 2008, by remoteness areas, as specified in the Australian Standard Geographical Classification (ASGC).

Representational attributes

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

Indicator conceptual framework

Framework and dimensions: [Health conditions](#)

Data source attributes

Data sources:	Data Source ABS Estimated resident population (total population)
	Frequency Quarterly
	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
	Quality statement ABS Indigenous experimental estimates and projections, QS
	Data custodian Australian Bureau of Statistics
	Data Source National HIV Register
	Frequency Annual
	Data custodian The Kirby Institute for infection and immunity in society

Accountability attributes

Reporting requirements:	National Healthcare Agreement
Organisation responsible for providing data:	Department of Health and Ageing
Further data development / collection required:	Specification: Long-term Improvement in the quality of Indigenous identification in notification data in the National Notifiable Diseases Surveillance System (NNDSS).

Other issues caveats: Disaggregation by Indigenous status, remoteness area and SEIFA of residence within individual states/territories is subject to data quality considerations.

Some disaggregations could result in numbers too small for publication.

The capacity remains to add additional sexually transmitted infections and blood-borne viruses as public health priorities change.

Source and reference attributes

Relational attributes

Related metadata references:

See also [National Healthcare Agreement: P08-Proportion of men reporting unprotected anal intercourse with casual partners, 2010](#)

- [Health](#), Superseded 08/06/2011

Has been superseded by [National Healthcare Agreement: P102-Incidence of sexually transmissible infections and blood-borne viruses, 2011](#)

- [Health](#), Superseded 30/10/2011