National Indigenous Reform Agreement: PI 03-Hospitalisation rates by principal diagnosis, 2011

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National Indigenous Reform Agreement: PI 03-Hospitalisation rates by principal diagnosis, 2011

Identifying and definitional attributes

Metadata item type: Indicator

Indicator type: Indicator

Short name: PI 03-Hospitalisation rates by principal diagnosis, 2011

METEOR identifier: 425741

Registration status: Indigenous, Superseded 01/07/2012

Description: Hospital separation rates for leading principal diagnoses for Australians, by Indigenous status.

Rationale: Monitoring hospitalisation rates for different diseases so that it is understood which diseases are major contributors to morbidity among Indigenous Australians and where programs are succeeding and where they are not will assist in achieving the closing the gap targets.

Indicator set: National Indigenous Reform Agreement (2011)
Indigenous, Superseded 01/07/2012

Outcome area: Indigenous Australians achieve health outcomes comparable to the broader population
Indigenous, Superseded 25/02/2024

Collection and usage attributes

Computation description: Crude rates are calculated for Indigenous Australians; age-standardised rates are calculated for Indigenous and non-Indigenous Australians.

Rate ratios and rate differences are calculated for Indigenous:non-Indigenous.

Presentation: Per 1,000 persons; percentage; and causes listed from highest to lowest percentage.

Definitions:

Leading principal diagnoses (and ICD-10-AM codes) are:

- Injury and poisoning and certain other consequences of external causes (S00-T98)
- Diseases of the respiratory system (J00-J99)
- Diseases of the digestive system (K00-K93)
- Pregnancy, childbirth and the puerperium (O00-O99)
- Diseases of the circulatory system (I00-I99)
- Symptoms, signs and abnormal clinical and laboratory findings (R00-R99)
- Mental and behavioural disorders (F00-F99)
- Endocrine, nutritional and metabolic diseases (E00-E90)
- Diseases of the genitourinary system (N00-N99)
- Diseases of the skin and subcutaneous tissue (L00-L99)
- Certain infectious and parasitic diseases (A00-B99)
- Other
- Total (excluding care involving dialysis)
- Care involving dialysis (Z49)
- Total.

Computation: Crude percentage: number of separations by principal diagnosis divided by total separations.

Rate: 1,000 x (Numerator ÷ Denominator).

Numerator: Number of hospital separations (public and private).

Numerator data elements:

Data Element / Data Set

Episode of admitted patient care—admission date, DDMMYYYY

Data Source

National Hospital Morbidity Database (NHMD)

NMDS / DSS

Admitted patient care NMDS 2008-09

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Episode of admitted patient care—separation date, DDMMYYYY

Data Source

National Hospital Morbidity Database (NHMD)

NMDS / DSS

Admitted patient care NMDS 2008-09

Guide for use

Data source type: Administrative by-product data

Denominator:

Total population of all people

Denominator data elements:

Data Element / Data Set

Person—estimated resident population of Australia, total people N[N(7)]

Data Source

ABS Estimated resident population (total population)

Guide for use

Data source type: Census, Post-enumeration survey (PES) and assumptions on future fertility, mortality, net migration etc.

Data Element / Data Set

Person—estimated resident population of Australia, total people N[N(7)]

Data Source

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

Guide for use

Data source type: Census, PES and assumptions on future fertility, mortality, net migration etc.

Disaggregation:

For Indigenous only (crude rates):

- State and Territory by leading cause of death (ICD-10 chapter level and some sub-chapter level).
- National by sex and leading cause of death (ICD-10 chapter level and some sub-chapter level).
- National by sex by excess deaths (ICD-10 chapter level and some sub-chapter level).

For Indigenous and non-Indigenous (age standardised rates):

- State and territory by leading cause of death (ICD-10 chapter level and some sub-chapter level).
- National by sex by leading cause of death (ICD-10 chapter level and some sub-chapter level).

Disaggregation data elements:

Data Element / Data Set

Person—sex, code N

Data Source

National Hospital Morbidity Database (NHMD)

NMDS / DSS

Admitted patient care NMDS 2008-09

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Person—Indigenous status, code N

Data Source

National Hospital Morbidity Database (NHMD)

NMDS / DSS

Admitted patient care NMDS 2008-09

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Episode of care—principal diagnosis, code (ICD-10-AM 6th edn) ANN{.N[N]}

Data Source

National Hospital Morbidity Database (NHMD)

NMDS / DSS

Admitted patient care NMDS 2008-09

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Person—area of usual residence, geographical location code (ASGC 2007) NNNNN

Data Source

National Hospital Morbidity Database (NHMD)

NMDS / DSS

Admitted patient care NMDS 2008-09

Guide for use

Data source type: Administrative by-product data

Comments:

Most recent data available for 2011 CRC report is 2008-09.

National disaggregation by Indigenous status will be based on data only from jurisdictions for which the quality of Indigenous identification is considered acceptable.

At this stage, only data from selected state/territories are considered of acceptable quality for reporting hospitalisations of Indigenous persons: NSW, Vic, Qld, WA, SA & NT public hospitals. Tas/ACT data should be reported with caveats. National rates should include these six states and territories only.

Rates are directly age standardised to the 2001 Australian ERP.

National estimates adjusted for under-identification will be reported for leading principal diagnoses.

Disaggregation by Indigenous status is to be reported using 2 years combined data for the current reporting period. Single year data is to be reported for time series.

Baseline year for this indicator is 2006; target year is 2031.

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

Data quality statement

ABS Estimated resident population (total population), QS

Data custodian

Australian Bureau of Statistics

Data Source

National Hospital Morbidity Database (NHMD)

Frequency

Annual

Data custodian

Australian Institute of Health and Welfare

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

Accountability attributes

Reporting requirements: National Indigenous Reform Agreement.

Organisation responsible for providing data: Australian Institute of Health and Welfare.

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

Relational attributes

Related metadata references:

Supersedes National Indigenous Reform Agreement: P03-Hospitalisation rates by principal diagnosis, 2010
Community Services (retired), Superseded 04/04/2011

Has been superseded by National Indigenous Reform Agreement: PI 03-Hospitalisation rates by principal diagnosis, 2012
Indigenous, Superseded 13/06/2013

See also National Healthcare Agreement: PI 22-Selected potentially preventable hospitalisations, 2011
Health, Superseded 31/10/2011

See also National Healthcare Agreement: PI 62-Hospitalisation for injury and poisoning, 2011
Health, Superseded 31/10/2011

See also National Healthcare Agreement: PI 62-Hospitalisation for injury and poisoning, 2012
Health, Retired 25/06/2013