

National Healthcare Agreement: PI 03-Incidence of end-stage kidney disease, 2012

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 03-Incidence of end-stage kidney disease, 2012
METEOR identifier:	435837
Registration status:	<ul style="list-style-type: none">• Health, Retired 25/06/2013
Description:	Incidence of end-stage kidney disease.
Indicator set:	National Healthcare Agreement (2012) Health , Superseded 25/06/2013
Outcome area:	Prevention Health , Standard 07/07/2010
Quality statement:	National Healthcare Agreement: PI 03-Incidence of end-stage kidney disease, 2012 QS Health, Retired 14/01/2015

Collection and usage attributes

Computation description:	<p>Causes of death in scope: 'Chronic renal failure' (ICD-10 codes N18.0, N18.8, N18.9), 'hypertensive renal failure' (ICD-10 codes I12.0, I13.1, I13.2) or 'unspecified renal failure' (ICD-10 code N19.0) as an underlying cause of death or 'chronic renal failure, end-stage' (ICD-10 code N18.0) as an associated cause of death.</p> <p>Count new cases on the ANZDATA registry who died of renal failure in the same year once only.</p> <p>Rates directly age-standardised to the 2001 Australian population.</p> <p>Presented per 100,000 population.</p> <p>95% confidence intervals calculated for rates.</p>
Computation:	$100,000 \times (\text{Numerator} \div \text{Denominator})$
Numerator:	Number of unique individuals who appeared as new cases on the ANZDATA registry in the reference year (treated cases) plus the number of individuals who died with an underlying cause of death of renal failure or an associated cause of death of chronic renal failure, end-stage and were not on the ANZDATA registry (untreated cases).

Numerator data elements:

Data Element / Data Set

Data Element

Person—person identifier

Data Source

[Australia and New Zealand Dialysis and Transplant Register \(ANZDATA\)](#)

Guide for use

Data source type: Registry data

Data Element / Data Set

Data Element

Cases where the associated cause of death (rather than the underlying cause of death) was chronic renal failure, end-stage

Data Source

[AIHW National Mortality Database](#)

Guide for use

Data source type: Administrative by-product data
ICD-10 code N18.0

Data Element / Data Set

[Person—person identifier, XXXXXX\[X\(14\)\]](#)

Data Source

[National Death Index \(NDI\)](#)

Guide for use

Data source type: Administrative by-product data

Used to eliminate double-counting of patients who commenced treatment for end-stage kidney disease and died in the reference period

Data Element / Data Set

[Person—underlying cause of death, code \(ICD-10 2nd edn\) ANN-ANN](#)

Data Source

[AIHW National Mortality Database](#)

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:

2005–2008—State and territory, by:

- sex

2005–2008—Nationally, by:

- Indigenous status

2008—Nationally, by:

- sex

Some disaggregation may result in numbers too small for publication.

Disaggregation data elements:

Data Element / Data Set

Data Element

Person—area of usual residence

Data Source

[Australia and New Zealand Dialysis and Transplant Register \(ANZDATA\)](#)

Guide for use

Data source type: Registry data
Used for disaggregation by state/territory

Data Element / Data Set

Data Element

Person—Indigenous status

Data Source

[Australia and New Zealand Dialysis and Transplant Register \(ANZDATA\)](#)

Guide for use

Data source type: Registry data

Data Element / Data Set**Data Element**

Person—sex

Data Source[Australia and New Zealand Dialysis and Transplant Register \(ANZDATA\)](#)**Guide for use**

Data source type: Registry data

Data Element / Data Set[Establishment—Australian state/territory identifier, code N](#)**Data Source**[AIHW National Mortality Database](#)**Guide for use**

Data source type: Administrative by-product data

Data Element / Data Set[Person—sex, code N](#)**Data Source**[AIHW National Mortality Database](#)**Guide for use**

Data source type: Administrative by-product data

Data Element / Data Set[Person—Indigenous status, code N](#)**Data Source**[AIHW National Mortality Database](#)**Guide for use**

Data source type: Administrative by-product data

Comments:

Most recent data available for 2012 CRC baseline report: 2008 for national-level data; 2005–2008 for disaggregated data.

2009 will be possible once coded ABS National Mortality Data are provided to AIHW.

Data by remoteness and SEIFA may be available, pending assessment of data quality.

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

[Australia and New Zealand Dialysis and Transplant Register \(ANZDATA\)](#)

Frequency

Annual

Data custodian

Australian and New Zealand Dialysis and Transplant Register (ANZDATA)

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 Death Index \(NDI\)](#)

Frequency

Annual

Data custodian

Australian Institute of Health and Welfare

Data Source

[AIHW National Mortality Database](#)

Frequency

Annual

Data custodian

Australian Institute of Health and Welfare

Accountability attributes

Reporting requirements: National Healthcare Agreement

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

Further data development / Specification: Interim collection required:

Source and reference attributes

Relational attributes

Related metadata references:

Supersedes [National Healthcare Agreement: PI 03-Incidence of end-stage kidney disease, 2011](#)

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