

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

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

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Progress measure
<b>Short name:</b>	PI 03-Incidence of end-stage kidney disease, 2012
<b>METEOR identifier:</b>	435837
<b>Registration status:</b>	<a href="#">Health</a> , Retired 25/06/2013
<b>Description:</b>	Incidence of end-stage kidney disease.
<b>Indicator set:</b>	<a href="#">National Healthcare Agreement (2012)</a> <a href="#">Health</a> , Superseded 25/06/2013
<b>Outcome area:</b>	<a href="#">Prevention</a> <a href="#">Health</a> , Standard 07/07/2010
<b>Data quality statement:</b>	<a href="#">National Healthcare Agreement: PI 03-Incidence of end-stage kidney disease, 2012 QS</a> <a href="#">Health</a> , Retired 14/01/2015

## Collection and usage attributes

<b>Computation description:</b>	<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>
<b>Computation:</b>	$100,000 \times (\text{Numerator} \div \text{Denominator})$
<b>Numerator:</b>	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**

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**

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

**Data Source**

[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**

[National Mortality Database](#)

**Guide for use**

Data source type: Administrative by-product data

**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

**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

**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**

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**

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**

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**

[National Mortality Database](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Person—sex, code N](#)

**Data Source**

[National Mortality Database](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[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

#### Data 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

#### Data 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

[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 / collection required:** Specification: Interim

## Relational attributes

**Related metadata references:** Supersedes [National Healthcare Agreement: PI 03-Incidence of end-stage kidney disease, 2011](#)  
[Health](#), Superseded 30/10/2011