

National Healthcare Agreement: PI 02- Incidence of selected cancers, 2014

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 02-Incidence of selected cancers, 2014
METEOR identifier:	517686
Registration status:	<ul style="list-style-type: none">• Health, Superseded 14/01/2015
Description:	Incidence of selected cancers of public health importance.
Indicator set:	National Healthcare Agreement (2014) Health , Superseded 14/01/2015
Outcome area:	Prevention Health , Standard 07/07/2010
Quality statement:	National Healthcare Agreement: PI 02-Incidence of selected cancers, 2014 QS Health, Superseded 14/01/2015

Collection and usage attributes

Computation description:	<p>Rates directly age-standardised to the 2001 Australian population.</p> <p>Analyses by state and territory, remoteness and Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-economic Disadvantage (IRSD) are based on the state or territory and Statistical Local Area (SLA) of the person at the time of their diagnosis.</p> <p>95% variability bands calculated for rates.</p> <p>Presented as:</p> <ul style="list-style-type: none">• a number (for state and territory by cancer type disaggregations)• per 100,000.
Computation:	<p>$100,000 \times (\text{Numerator} \div \text{Denominator})$</p> <p>Calculated separately for each type of cancer.</p>
Numerator:	<p><u>For melanoma, bowel and lung cancer:</u> Number of new cases in the reported year.</p> <p><u>For cervical and breast cancer in females:</u> Number of new cases in females in the reported year.</p>

Numerator data elements:

Data Element / Data Set

[Episode of care—additional diagnosis, code \(ICD-10-AM 7th edn\) ANN{,N\[N\]}](#)

Data Source

[Australian Cancer Database](#)

Guide for use

Data source: Administrative by-product data

Data Element / Data Set

[Person with cancer—primary site of cancer, topography code \(ICD-O-3\) ANN.N](#)

Data Source

[Australian Cancer Database](#)

Guide for use

Data source: Administrative by-product data

Data Element / Data Set

[Person with cancer—morphology of cancer, code \(ICD-O-3\) NNNN/N](#)

Data Source

[Australian Cancer Database](#)

Guide for use

Data source: Administrative by-product data

Data Element / Data Set

[Patient—diagnosis date of cancer, DDMMYYYY](#)

Data Source

[Australian Cancer Database](#)

Guide for use

Data source: Administrative by-product data

Denominator:

For melanoma, bowel and lung cancer: Total population.

For cervical and breast cancer in females: Total female population.

Denominator data elements:

Data Element / Data Set

[Person—sex, code N](#)

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—sex, code N](#)

Data Source

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

Guide for use

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

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-based plus administrative by-product data

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-based plus administrative by-product data

Disaggregation:

2006, 2007, 2008 (all resupplied for updated Estimated Resident Population (ERP)), 2009 (resupplied for updated ERP and NSW and ACT data), 2010—Nationally (for each cancer type), by 2006 Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-economic Disadvantage (IRSD) deciles.

2006, 2007, 2008 (all resupplied for updated ERP), 2009 (resupplied for updated ERP and NSW and ACT data), 2010—State and territory (for each cancer type), by:

- remoteness (Australian Standard Geographical Classification (ASGC) Remoteness Structure).
- 2006 SEIFA IRSD quintiles.

2009 (resupplied for updated NSW and ACT data), 2010—State and territory (for each cancer type), by:

- Indigenous status.

Some disaggregation may result in numbers too small for publication.

Disaggregation by SEIFA and remoteness data are subject to availability of suitable population data.

Disaggregation data elements:**Data Element / Data Set**

[Person \(address\)—Australian postcode, code \(Postcode datafile\) {NNNN}](#)

Data Source

[Australian Cancer Database](#)

Guide for use

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

Data Element / Data Set

[Person—Indigenous status, code N](#)

Data Source

[Australian Cancer Database](#)

Guide for use

Data source: Administrative by-product data

Comments:

Most recent data available for 2014 Council of Australian Governments (COAG) Reform Council (CRC) report: 2010.

2010 data for NSW and ACT will not be available for inclusion and will be estimated for the state and territory by cancer type disaggregation. 2010 estimated data for NSW and ACT will not be disaggregated by Indigenous status, remoteness or SEIFA IRSD quintiles.

2009 incidence data will be resupplied to include incidence rates for NSW and ACT, which were supplied as estimates in the 2013 report.

Note that updated ERP by Indigenous status is not available for this cycle. Data by Indigenous status is calculated using ERP determined prior to the final rebased ERP provided after the 2011 Census. It is expected that final rebased ERP by Indigenous status will be available for the next cycle of reporting.

Representational attributes

Representation class: Incidence

Data type: Real
Unit of measure: Disease type
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

[Australian Cancer Database](#)

Frequency

Annual

Data custodian

Australian Institute of Health and Welfare

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

Accountability attributes

Reporting requirements: National Healthcare Agreement

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

Further data development / collection required: Specification: Final, the measure meets the intention of the indicator.

Relational attributes

Related metadata references:

Supersedes [National Healthcare Agreement: PI 02-Incidence of selected cancers, 2013](#)

- [Health](#), Superseded 30/04/2014

Has been superseded by [National Healthcare Agreement: PI 02-Incidence of selected cancers, 2015](#)

- [Health](#), Superseded 08/07/2016

See also [National Healthcare Agreement: PI 24-Survival of people diagnosed with notifiable cancers, 2014](#)

- [Health](#), Superseded 14/01/2015

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