

National Healthcare Agreement: P04-Incidence of selected cancers, 2010

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Incidence of selected cancers, 2010
METEOR identifier:	393532
Registration status:	<ul style="list-style-type: none">• Health, Superseded 08/06/2011
Description:	Incidence of selected cancers of public health importance.
Indicator set:	National Healthcare Agreement (2010) Health , Superseded 08/06/2011
Outcome area:	Prevention Health , Standard 07/07/2010
Quality statement:	National Healthcare Agreement: P04-Incidence of selected cancers, 2010 QS Health, Superseded 08/06/2011

Collection and usage attributes

Computation description:	<p>Selected cancers of public health importance are: melanoma of the skin, bowel cancer, lung cancer, cervical cancer and breast cancer diagnosed in females.</p> <p>For melanoma, bowel cancer and lung cancer, the numerator is the number of new primary cases diagnosed in the Australian population in the reported year. The denominator is the total Australian population for the same year.</p> <p>For cervical and breast cancer in females, the numerator is the number of new primary cases diagnosed in the Australian female population in the reported year. The denominator is the total Australian female population for the same year.</p> <p>Calculation is $100,000 \times (\text{Numerator} \div \text{Denominator})$, calculated separately for each type of cancer, presented as a rate per 100,000 and age-standardised to the Australian population as at 30 June 2001, using 5-year age groups from 0-4 years to 85+ years. Indigenous disaggregations were standardised using 0-4 years to 75+ years due to small populations at older ages in some jurisdictions.</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>Calculated separately for each type of cancer.</p> <p>Presented per 100,000 population.</p>
Numerator:	<p>For melanoma, bowel and lung cancer: Number of new cases diagnosed in the reported year</p> <p>For cervical and breast cancer in females: Number of new cases diagnosed in females in the reported year</p>

Numerator data elements:

Data Element / Data Set

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

Data Source

[Australian Cancer Database](#)

Guide for use

Data source: Administrative by-product data

Data Element / Data Set

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

Data Source

[Australian Cancer Database](#)

Guide for use

Data source: Administrative by-product data

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

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

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

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

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

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 area 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:

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

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

Data for 2007 will be available in 2011.

Most recent data available for 2010 CRC baseline report: 2006.

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: Long-term
The quality of Indigenous identification varies by jurisdiction and will require improvement to enable robust reporting.

Other issues caveats: The quality of Indigenous identification varies between jurisdictions. National disaggregation by Indigenous status is based on jurisdictions with adequate data quality.

Remoteness area and SEIFA of residence are based on postcode of residential address at the time of diagnosis.

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.

Source and reference attributes

Relational attributes

Related metadata references:

See also [National Healthcare Agreement: P10-Breast cancer screening rates, 2010](#)

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

See also [National Healthcare Agreement: P11-Cervical screening rates, 2010](#)

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

See also [National Healthcare Agreement: P12-Bowel cancer screening rates, 2010](#)

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

Has been superseded by [National Healthcare Agreement: P104-Incidence of selected cancers, 2011](#)

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