

# National Healthcare Agreement: PI 44-Survival of people diagnosed with cancer, 2012

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# National Healthcare Agreement: PI 44-Survival of people diagnosed with cancer, 2012

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Progress measure
<b>Short name:</b>	PI 44-Survival of people diagnosed with cancer, 2012
<b>METEOR identifier:</b>	435870
<b>Registration status:</b>	<a href="#">Health</a> , Superseded 25/06/2013
<b>Description:</b>	Five-year relative survival proportions for people diagnosed with cancer
<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 , Superseded 25/06/2013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="#">Hospital and Related Care</a> <a href="#">Health</a> , Standard 07/07/2010 <a href="#">National Health Performance Authority (retired)</a> , Retired 01/07/2016
<b>Data quality statement:</b>	<a href="#">National Healthcare Agreement: PI 44-Survival of people diagnosed with cancer, 2012 QS</a> <a href="#">Health</a> , Superseded 14/01/2015

## Collection and usage attributes

<b>Computation description:</b>	<p>The probability of surviving five years in people with cancer is divided by the probability of surviving five years in the general population (matched on age, sex and calendar year).</p> <p>Analysis will be undertaken using the 'period' method of calculation. See AIHW, CA &amp; AACR 2008 Cancer Series no. 42. Cat. no. CAN 38.</p> <p>Analysis by remoteness and SEIFA Index of Relative Socioeconomic Disadvantage (IRSD) is based on usual residence of person at diagnosis.</p> <p>Presented as a percentage.</p>
<b>Computation:</b>	100 x (Numerator ÷ Denominator)
<b>Numerator:</b>	Probability of surviving for five years in people diagnosed with cancer.

**Numerator data elements:**

**Data Element / Data Set**

Age at diagnosis

**Data Source**

[Australian Cancer Database](#)

**Guide for use**

Data source type: Registry data  
Used in 'age at diagnosis' calculation

**Data Element / Data Set**

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

**Data Source**

[Australian Cancer Database](#)

**Guide for use**

Data source type: Registry data  
Used in 'age at diagnosis' calculation

**Data Element / Data Set**

[Person—date of death, DDMMYYYY](#)

**Data Source**

[Australian Cancer Database](#)

**Guide for use**

Data source type: Registry data

**Data Element / Data Set**

[Person—date of death, DDMMYYYY](#)

**Data Source**

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

**Guide for use**

Data source type: Administrative by-product data  
NDI is used for linkage with the Australian Cancer Database to update additional death information

**Data Element / Data Set**

[Person—sex, code N](#)

**Data Source**

[Australian Cancer Database](#)

**Guide for use**

Data source type: Registry data

**Denominator:**

Probability of surviving for five years in the general 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  
ABS Estimated Resident Population (generated life tables)

**Data Element / Data Set**

Mortality identifier

**Data Source**

[National Mortality Database](#)

**Guide for use**

Data source type: Registry data  
Used to identify number of deaths

**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  
ABS Estimated Resident Population (generated life tables)

**Data Element / Data Set**

[Person—sex, code N](#)

**Data Source**

[National Mortality Database](#)

**Guide for use**

Data source type: Registry data

**Data Element / Data Set**

[Person—age, total years N\[NN\]](#)

**Data Source**

[ABS Estimated resident population \(total population\)](#)

**Guide for use**

Data source type: Census-based plus administrative by-product data  
ABS Estimated Resident Population (generated life tables)

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**Data Element / Data Set**

[Person—age, total years N\[NN\]](#)

**Data Source**

[National Mortality Database](#)

**Guide for use**

Data source type: Registry data

**Disaggregation:**

Nationally, by:

- sex
- remoteness (Australian Standard Geographical Classification Remoteness Structure)
- SEIFA Index of Relative Socioeconomic Disadvantage (IRSD) quintiles

Disaggregation by state and territory is not available. It requires calculation against jurisdictional life tables and approval from cancer registries.

**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 type: Registry data

Used for disaggregation by remoteness and SEIFA IRSD

**Data Element / Data Set**

[Person—sex, code N](#)

**Data Source**

[Australian Cancer Database](#)

**Guide for use**

Data source type: Registry data

**Comments:**

Most recent data available for 2012 CRC report: Survival proportions for cancer diagnosed in 2006–10. Baseline data will also be revised using the period method.

## Representational attributes

**Representation class:** Percentage

**Data type:** Real

**Unit of measure:** Person

**Format:** NN.N

## Indicator conceptual framework

**Framework and dimensions:** [Effectiveness](#)

## 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

[Australian Cancer Database](#)

#### 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

#### Data Source

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

#### 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: Long-term

## Source and reference attributes

**Reference documents:** AIHW 2008, *Cancer survival and prevalence in Australia: Cancers diagnosed from 1982 to 2004*, Cancer Series no. 42. Cat. no. CAN 38.  
<http://www.aihw.gov.au/publications/index.cfm/title/10484>

## Relational attributes

**Related metadata references:** Supersedes [National Healthcare Agreement: PI 44-Survival of people diagnosed with cancer, 2011](#)  
[Health](#), Superseded 31/10/2011

Has been superseded by [National Healthcare Agreement: PI 24-Survival of people diagnosed with notifiable cancers, 2013](#)  
[Health](#), Superseded 30/04/2014

See also [National Healthcare Agreement: PI 04-Incidence of selected cancers, 2012](#)  
[Health](#), Superseded 25/06/2013

See also [National Healthcare Agreement: PI 10-Breast cancer screening rates, 2012](#)  
[Health](#), Retired 25/06/2013

See also [National Healthcare Agreement: PI 11-Cervical screening rates, 2012](#)  
[Health](#), Retired 25/06/2013

See also [National Healthcare Agreement: PI 12-Bowel cancer screening rates, 2012](#)  
[Health](#), Retired 25/06/2013