

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

Exported from METEOR (AIHW's Metadata Online Registry)

© Australian Institute of Health and Welfare 2024

This product, excluding the AIHW logo, Commonwealth Coat of Arms and any material owned by a third party or protected by a trademark, has been released under a Creative Commons BY 4.0 (CC BY 4.0) licence. Excluded material owned by third parties may include, for example, design and layout, images obtained under licence from third parties and signatures. We have made all reasonable efforts to identify and label material owned by third parties.

You may distribute, remix and build on this website's material but must attribute the AIHW as the copyright holder, in line with our attribution policy. The full terms and conditions of this licence are available at <https://creativecommons.org/licenses/by/4.0/>.

Enquiries relating to copyright should be addressed to [info@aihw.gov.au](mailto:info@aihw.gov.au).

Enquiries or comments on the METEOR metadata or download should be directed to the METEOR team at [meteor@aihw.gov.au](mailto:meteor@aihw.gov.au).

# 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 , Superseded 25/06/2013  |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><br><a href="#">Health</a> , Superseded 25/06/2013  |
| <b>Outcome area:</b>           | <a href="#">Hospital and Related Care</a><br><a href="#">Health</a> , Standard 07/07/2010<br><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><br><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 , Superseded 14/01/2015                          |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:****Denominator data elements:**

Probability of surviving for five years in the general population

**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**

[AIHW 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**

[AIHW 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)

#### Data Element / Data Set

[Person—age, total years N\[NN\]](#)

##### Data Source

[AIHW 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

[AIHW 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