

# National Healthcare Agreement: PI 44-Survival of people diagnosed with cancer, 2011

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# National Healthcare Agreement: PI 44-Survival of people diagnosed with cancer, 2011

## 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, 2011
<b>METEOR identifier:</b>	421604
<b>Registration status:</b>	<a href="#">Health!</a> , Superseded 31/10/2011
<b>Description:</b>	Five-year relative survival proportions for people diagnosed with cancer
<b>Indicator set:</b>	<a href="#">National Healthcare Agreement (2011)</a> <a href="#">Health!</a> , Superseded 31/10/2011
<b>Outcome area:</b>	<a href="#">Hospital and Related Care</a> <a href="#">National Health Performance Authority (retired)</a> , Retired 01/07/2016 <a href="#">Health!</a> , Standard 07/07/2010

## Collection and usage attributes

**Computation description:** People in the denominators are matched for sex and age (to match to 'age at diagnosis' for people in the cancer cohort).

Analysis will be undertaken using the 'cohort' method of calculation. See AIHW 2008 Cancer Series no. 42. Cat. no. CAN 38.

Analysis by remoteness and SEIFA Index of Relative Socioeconomic Disadvantage (IRSD) is based on usual residence of person at diagnosis.

Presented as a percentage.

**Computation:**  $100 \times (\text{Numerator} \div \text{Denominator})$

**Numerator:** Number of people diagnosed with cancer who survived for five years after diagnosis.

**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:**

Number of similar people in the general population who survived for the same period.

**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**

[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
- 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 2011 CRC report: Survival proportions for cancer diagnosed in 1998–2004

NO NEW DATA FOR 2011 REPORTING.

## 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: P44-Survival of people diagnosed with cancer, 2010](#)  
[Health!](#), Superseded 08/06/2011

Has been superseded by [National Healthcare Agreement: PI 44-Survival of people diagnosed with cancer, 2012](#)  
[Health!](#), Superseded 25/06/2013

See also [National Healthcare Agreement: PI 04-Incidence of selected cancers, 2011](#)  
[Health!](#), Superseded 30/10/2011

See also [National Healthcare Agreement: PI 10-Breast cancer screening rates, 2011](#)  
[Health!](#), Superseded 30/10/2011

See also [National Healthcare Agreement: PI 11-Cervical screening rates, 2011](#)  
[Health!](#), Superseded 30/10/2011

See also [National Healthcare Agreement: PI 12-Bowel cancer screening rates, 2011](#)  
[Health!](#), Superseded 30/10/2011