

# National Healthcare Agreement: PI 24-Survival of people diagnosed with notifiable cancers, 2013

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# National Healthcare Agreement: PI 24-Survival of people diagnosed with notifiable cancers, 2013

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Progress measure
<b>Short name:</b>	PI 24-Survival of people diagnosed with cancers, 2013
<b>METEOR identifier:</b>	497121
<b>Registration status:</b>	<a href="#">Health</a> , Superseded 30/04/2014
<b>Description:</b>	Five-year relative survival proportions for people diagnosed with cancer.
<b>Indicator set:</b>	<a href="#">National Healthcare Agreement (2013)</a> <a href="#">Health</a> , Superseded 30/04/2014
<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

## 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 <a href="#">Cancer survival and prevalence in Australia: cancers diagnosed from 1982 to 2004</a> (2008 Cancer Series no. 42. Cat. no. CAN 38).</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 usual residence of person at diagnosis.</p> <p>Presented as a percentage.</p>
<b>Computation:</b>	$100 \times (\text{Numerator} \div \text{Denominator})$
<b>Numerator:</b>	Probability of surviving for five years in the people diagnosed with cancer.

**Numerator data elements:**

**Data Element / Data Set**

**Data Element**

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  
The 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**

**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  
ABS Estimated Resident Population (generated life tables)

**Data Element / Data Set****Data Element**

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**

**Guide for use**

Data source type: Registry data

**Disaggregation:**

Nationally, by:

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

Disaggregation by state and territory are not able to be provided this reporting cycle. Substantial development work is required in conjunction with state and territories and their cancer registries. It would require 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 2013 Council of Australian Governments (COAG) Reform Council (CRC) report: Survival proportions for cancer diagnosed in 2006–10.

NO NEW DATA FOR 2013 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: Final, the measure meets the intention of the indicator.

## Source and reference attributes

**Reference documents:** AIHW (Australian Institute of Health and Welfare) 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, 2012](#)

[Health](#), Superseded 25/06/2013

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

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

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

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