

# National Healthcare Agreement: PI 24–Survival of people diagnosed with notifiable cancers, 2018

## 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, 2018
<b>METEOR identifier:</b>	658483
<b>Registration status:</b>	<ul style="list-style-type: none"><li>• <a href="#">Health</a>, Superseded 19/06/2019</li></ul>
<b>Description:</b>	Five-year relative survival proportions for people diagnosed with cancer.
<b>Indicator set:</b>	<a href="#">National Healthcare Agreement (2018)</a> <a href="#">Health</a> , Superseded 16/06/2019
<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
<b>Quality statement:</b>	<a href="#">National Healthcare Agreement: PI 24-Survival of people diagnosed with notifiable cancers, 2018 QS</a> Health, Standard 30/01/2018

## Collection and usage attributes

<b>Computation description:</b>	<p>The probability of surviving 5 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: period estimates from 1982 to 2010</a>.</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 the 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  
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****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)

**Disaggregation:**

**Data Element / Data Set**

[Person—age, total years N\[NN\]](#)

**Data Source**

[AIHW National Mortality Database](#)

2010–14—Nationally, by:

**Guide for use**

- sex

Data source type: Registry data

2010–14—Nationally, by (not reported):

- sex by cancer type (bowel cancer, lung cancer, melanoma, female breast cancer, cervical cancer).

**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 2018 National Healthcare Agreement performance reporting: 2010–14.

## Representational attributes

**Representation class:** Percentage

**Data type:** Real

**Unit of measure:** Person

**Format:** N[NN].N

## Indicator conceptual framework

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

## 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**

[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) 2012. Cancer survival and prevalence in Australia: period estimates from 1982 to 2010. Cancer series no. 69. Cat. no. CAN 65. Canberra: AIHW.

## Relational attributes

**Related metadata references:**

See also [National Healthcare Agreement: PI 02–Incidence of selected cancers, 2018](#)

- [Health](#), Superseded 19/06/2019

Supersedes [National Healthcare Agreement: PI 24–Survival of people diagnosed with notifiable cancers, 2017](#)

- [Health](#), Superseded 30/01/2018

Has been superseded by [National Healthcare Agreement: PI 24–Survival of people diagnosed with notifiable cancers, 2019](#)

- [Health](#), Superseded 13/03/2020