

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

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 24–Survival of people diagnosed with cancers, 2018
METEOR identifier:	658483
Registration status:	<ul style="list-style-type: none">• Health, Superseded 19/06/2019
Description:	Five-year relative survival proportions for people diagnosed with cancer.
Indicator set:	National Healthcare Agreement (2018) Health , Superseded 16/06/2019
Outcome area:	Hospital and Related Care National Health Performance Authority (retired) , Retired 01/07/2016 Health , Standard 07/07/2010
Quality statement:	National Healthcare Agreement: PI 24-Survival of people diagnosed with notifiable cancers, 2018 QS Health, Standard 30/01/2018

Collection and usage attributes

Computation description:	<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 Cancer survival and prevalence in Australia: period estimates from 1982 to 2010.</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>
Computation:	$100 \times (\text{Numerator} \div \text{Denominator})$
Numerator:	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