

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

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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:	PI24–Survival of people diagnosed with cancers, 2018
METEOR identifier:	658483
Registration status:	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 , Superseded 19/06/2019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 , Superseded 16/06/2019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
Data 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 x (Numerator ÷ Denominator)						
Numerator:	Probability of surviving for five years in the people diagnosed with cancer.						
Numerator data elements:	<table border="1"><thead><tr><th>Data Element / Data Set</th></tr></thead><tbody><tr><td>Age at diagnosis</td></tr><tr><td>Data Source</td></tr><tr><td>Australian Cancer Database</td></tr><tr><td>Guide for use</td></tr><tr><td>Data source type: Registry data Used in 'age at diagnosis' calculation</td></tr></tbody></table>	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							
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:

2010–14—Nationally, by:

- sex

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:

<p>Data Source</p> <p>ABS Estimated resident population (total population)</p> <p>Frequency</p> <p>Quarterly</p> <p>Data quality statement</p> <p>ABS Estimated resident population (total population), QS</p> <p>Data custodian</p> <p>Australian Bureau of Statistics</p>

<p>Data Source</p> <p>Australian Cancer Database</p> <p>Frequency</p> <p>Annual</p> <p>Data custodian</p> <p>Australian Institute of Health and Welfare</p>
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<p>Data Source</p> <p>AIHW National Mortality Database</p> <p>Frequency</p> <p>Annual</p> <p>Data custodian</p> <p>Australian Institute of Health and Welfare</p>
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<p>Data Source</p> <p>National Death Index (NDI)</p> <p>Frequency</p> <p>Annual</p> <p>Data custodian</p> <p>Australian Institute of Health and Welfare</p>
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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: 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

See also [National Healthcare Agreement: PI 02–Incidence of selected cancers, 2018](#)
[Health!](#), Superseded 19/06/2019