

National Healthcare Agreement: PI 24—Survival of people diagnosed with notifiable cancers, 2016

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National Healthcare Agreement: PI 24—Survival of people diagnosed with notifiable cancers, 2016

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI24—Survival of people diagnosed with cancers, 2016
METEOR identifier:	598730
Registration status:	Health , Superseded 31/01/2017
Description:	Five-year relative survival proportions for people diagnosed with cancer.
Indicator set:	National Healthcare Agreement (2016) Health , Superseded 31/01/2017
Outcome area:	Hospital and Related Care Health , Standard 07/07/2010 National Health Performance Authority (retired) , Retired 01/07/2016

Collection and usage attributes

Computation description:	<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 Cancer survival and prevalence in Australia: period estimates from 1982 to 2010 (2012 Cancer Series no. 69. Cat. No. 65).</p> <p>Analyses by state and territory, remoteness and Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socioeconomic Disadvantage (IRSD) are based on usual residence of 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

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

[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

[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

[National Mortality Database](#)

Guide for use

Disaggregation:

Data source type: Registry data
Nationally, by:

- sex
- remoteness (Australian Standard Geographical Classification (ASGC) Remoteness Structure)
- 2006 Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socioeconomic Disadvantage (IRSD) quintiles

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 2016 National Healthcare Agreement performance reporting: 2007–11 (for sex disaggregation); 2006–10 (for remoteness and SEIFA disaggregations).

NO NEW DATA FOR 2016 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:

<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>
<p>Data Source</p> <p>National Mortality Database</p> <p>Frequency</p> <p>Annual</p> <p>Data custodian</p> <p>Australian Institute of Health and Welfare</p>
<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>

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.

Relational attributes

Related metadata references:

Supersedes [National Healthcare Agreement: PI 24-Survival of people diagnosed with notifiable cancers, 2015](#)

[Health](#), Superseded 08/07/2016

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

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

See also [National Healthcare Agreement: PI 02–Incidence of selected cancers, 2016](#)

[Health](#), Superseded 31/01/2017