

# 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

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Progress measure
<b>Short name:</b>	PI24—Survival of people diagnosed with cancers, 2016
<b>METEOR identifier:</b>	598730
<b>Registration status:</b>	<a href="#">Health!</a> , Superseded 31/01/2017
<b>Description:</b>	Five-year relative survival proportions for people diagnosed with cancer.
<b>Indicator set:</b>	<a href="#">National Healthcare Agreement (2016)</a> <a href="#">Health!</a> , Superseded 31/01/2017
<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

## 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: period estimates from 1982 to 2010</a> (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>
<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

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**

**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:**

**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.

**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