

National Healthcare Agreement: P44-Survival of people diagnosed with cancer, 2010

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National Healthcare Agreement: P44-Survival of people diagnosed with cancer, 2010

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Survival of people diagnosed with cancer, 2010
METEOR identifier:	395085
Registration status:	Health! , Superseded 08/06/2011
Indicator set:	National Healthcare Agreement (2010) Health! , Superseded 08/06/2011
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: P44-Survival of people diagnosed with cancer, 2010 QS Health! , Superseded 08/06/2011

Collection and usage attributes

Computation description:	People in the denominator are matched for age (to match to 'age at diagnosis' for people in the cancer cohort), sex and calendar year. Analysis will be undertaken using the 'cohort' method of calculation. See AIHW 2008, <i>Cancer survival and prevalence in Australia: Cancers diagnosed from 1982 to 2004</i> , Cancer Series no. 42. Cat. no. CAN 38.
Computation:	100 x (Numerator ÷ Denominator)
Numerator:	Proportion of people diagnosed with cancer who survived for five years after diagnosis

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:

Proportion of similar people in the general population who survived for the same period. 'Similar people' are matched to the cancer cohort in the numerator for age, sex and calendar year.

Denominator data elements:

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 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 area and SEIFA of residence at diagnosis

Data Element / Data Set

[Person—sex, code N](#)

Data Source

[Australian Cancer Database](#)

Guide for use

Data source type: Registry data

Comments:

Specified disaggregation: Nationally: sex, remoteness area, SEIFA of residence at diagnosis.

Available disaggregation: Nationally: sex, remoteness area, SEIFA of residence at diagnosis.

Data are currently produced irregularly, according to funded adhoc requests.

Most recent data available for 2010 CRC baseline report: Survival proportions for cancer diagnosed in 1998-2004.

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: Long-term

A National Minimum Data Set (NMDS) for Cancer Registry data is under development.

Indigenous identification data are not considered to be adequate enough to support analysis or generation of life tables and are therefore in need of improvement to allow reporting by Indigenous status in future.

The indicator as currently specified is not age adjusted which limits comparability across groups and over time. The period method of calculating relative survival may be more appropriate for long-term trend analysis, but would require some developmental work.

Cancer 'staging' and 'treatment' data are not currently available nationally and cancer survival analysis would benefit greatly from this additional information.

Other issues caveats:

Disaggregation by state/territory is not available for the 2010 CRC report. It requires calculation against jurisdictional life tables and approval from cancer registries.

Survival rates vary for different types of cancer.

Source and reference attributes

Reference documents:

AIHW 2008, *Cancer survival and prevalence in Australia: Cancers diagnosed from 1982 to 2004*, Cancer Series no. 42. Cat. no. CAN 38.

<http://www.aihw.gov.au/publications/index.cfm/title/10484>

Relational attributes

Related metadata references:

Has been superseded by [National Healthcare Agreement: PI 44-Survival of people diagnosed with cancer, 2011](#)

[Health!](#), Superseded 31/10/2011