

Australian Health Performance Framework: PI 2.1.5— Survival of people diagnosed with cancer, 2020

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Australian Health Performance Framework: PI 2.1.5—Survival of people diagnosed with cancer, 2020

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	AHPF PI 2.1.5—Survival of people diagnosed with cancer, 2020
METEOR identifier:	728335
Registration status:	Health , Standard 01/12/2020
Description:	Five-year relative survival proportions for people diagnosed with selected cancers of public health importance.
Indicator set:	Australian Health Performance Framework, 2020 Health , Superseded 11/07/2023

Collection and usage attributes

Computation description:	<p>The probability of surviving 5 years in people with cancer is divided by the probability of surviving 5 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>Presented as a percentage.</p>
Computation:	$100 \times (\text{Numerator} \div \text{Denominator})$
Numerator:	Probability of surviving for 5 years in the people diagnosed with cancer.

Numerator data elements:

Data Element / Data Set

Data Element

Person—date of death

Data Source

[Australian Cancer Database](#)

Guide for use

Data source type: Cancer registry data

Data Element / Data Set

Data Element

Person—sex

Data Source

[Australian Cancer Database](#)

Guide for use

Data source type: Cancer registry data

Data Element / Data Set

Data Element

Patient—diagnosis date of cancer

Data Source

[Australian Cancer Database](#)

Guide for use

Data source type: Cancer registry data

Data Element / Data Set

Data Element

Person—date of birth

Data Source

[Australian Cancer Database](#)

Guide for use

Data source type: Cancer registry data

Denominator:

Denominator data elements:

Probability of surviving for 5 years in the general population

Data Element / Data Set

Data Source

[ABS Life Tables](#)

Guide for use

Data source type: Census-based plus administrative by-product data

Disaggregation:

2012–16—Nationally, by:

- sex: males, females and persons
- cancer type: bowel cancer, lung cancer, melanoma of the skin, female breast cancer, cervical cancer and all cancers combined.

The definitions of the cancer types are as follows: bowel cancer (ICD-10 (2016 version) codes C18–C20), lung cancer (C33–C34), melanoma of the skin (C43), female breast cancer (C50), cervical cancer (C53) and all cancers combined' comprises ICD-10 (2016 version) codes C00–C97, D45–D46, D47.1, D47.3–D47.5, except basal and squamous cell carcinomas of the skin (part of C44).

Northern Territory data for 2016 are not available.

Disaggregation data elements:**Data Element / Data Set****Data Element**

Person with cancer—morphology of cancer, code (ICD-O-3)

Data Source

[Australian Cancer Database](#)

Guide for use

Data source type: Cancer registry data

Data Element / Data Set**Data Element**

Person with cancer—primary site of cancer, topography code (ICD-O-3)

Data Source

[Australian Cancer Database](#)

Guide for use

Data source type: Cancer registry data

Data Element / Data Set**Data Element**

Person—sex

Data Source

[Australian Cancer Database](#)

Guide for use

Data source type: Cancer registry data

Comments:

Most recent data available for 2020 Australian Health Performance Framework reporting: 2012–16.

Northern Territory data for 2016 are not available.

Representational attributes

Representation class: Percentage

Data type: Real

Unit of measure: Person

Format: N[NN].N

Indicator conceptual framework

Framework and dimensions:

[1. Effectiveness](#)

Data source attributes

Data sources:

Data Source

[ABS Life Tables](#)

Frequency

Annual

Data custodian

Australian Bureau of Statistics

Data Source

[Australian Cancer Database](#)

Frequency

Annual

Data custodian

Australian Institute of Health and Welfare

Accountability attributes

Reporting requirements: Australian Health Performance Framework

Organisation responsible for providing data: Australian Institute of Health and Welfare

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. Viewed 7 November 2019, <https://www.aihw.gov.au/reports/cancer/cancer-survival-and-prevalence-in-australia-perio/contents/table-of-contents>.

Relational attributes

**Related metadata
references:**

Supersedes [Australian Health Performance Framework: PI 2.1.5–Survival of people diagnosed with cancer, 2019](#)

[Health](#), Superseded 01/12/2020

Has been superseded by [Australian Health Performance Framework: PI 2.1.5–Survival of people diagnosed with cancer, 2021](#)

[Health](#), Qualified 31/05/2023

See also [Australian Health Performance Framework: PI 3.1.2–Incidence of selected cancers, 2020](#)

[Health](#), Standard 13/10/2021

See also [National Healthcare Agreement: PI 02–Incidence of selected cancers, 2020](#)

[Health](#), Standard 13/03/2020

See also [National Healthcare Agreement: PI 02–Incidence of selected cancers, 2022](#)

[Health](#), Standard 24/09/2021

See also [National Healthcare Agreement: PI 24–Survival of people diagnosed with notifiable cancers, 2020](#)

[Health](#), Standard 13/03/2020

See also [National Healthcare Agreement: PI 24–Survival of people diagnosed with notifiable cancers, 2022](#)

[Health](#), Standard 24/09/2021