

National Healthcare Agreement: PI 02—Incidence of selected cancers, 2021

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National Healthcare Agreement: PI 02–Incidence of selected cancers, 2021

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 02–Incidence of selected cancers, 2021
METEOR identifier:	725826
Registration status:	Health , Standard 16/09/2020
Description:	Incidence of selected cancers of public health importance.
Indicator set:	National Healthcare Agreement (2021) Health , Standard 19/11/2020
Outcome area:	Prevention Health , Standard 07/07/2010

Collection and usage attributes

Computation description:	Rates directly age-standardised to the 2001 Australian Standard Population. Analyses by state and territory, remoteness and Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-Economic Disadvantage (IRSD) are based on the Statistical Area Level 2 (SA2) of the person at the time of their diagnosis. Rates that are considered unstable and should be interpreted with caution will be noted. Rates that are considered very unstable will not be published. Presented as: • a number (for state and territory by cancer type disaggregations) • per 100,000.
Computation:	$100,000 \times (\text{Numerator} \div \text{Denominator})$ Calculated separately for each type of cancer.
Numerator:	For melanoma, bowel and lung cancer: Number of new cases in the reported year. For cervical and breast cancer in females: Number of new cases in females in the reported year.

Numerator data elements:

Data Element / Data Set

[Person with cancer—primary site of cancer, topography code \(ICD-O-3\) ANN.N](#)

Data Source

[Australian Cancer Database](#)

Guide for use

Data source type: Cancer registry data

Data Element / Data Set

[Person with cancer—morphology of cancer, code \(ICD-O-3\) NNNN/N](#)

Data Source

[Australian Cancer Database](#)

Guide for use

Data source type: Cancer registry data

Data Element / Data Set

[Patient—diagnosis date of cancer, DDMMYYYY](#)

Data Source

[Australian Cancer Database](#)

Guide for use

Data source type: Cancer registry data

Denominator:

For melanoma, bowel and lung cancer: Total population.

For cervical and breast cancer in females: Total female population.

Denominator data elements:

Data Element / Data Set

Person—estimated Indigenous population of Australia, total people N[N(7)]

Data Source

[ABS Indigenous estimates and projections \(2016 Census-based\)](#)

Guide for use

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

Data Element / Data Set

Person—projected Indigenous population of Australia, total people N[N(7)]

Data Source

[ABS Indigenous estimates and projections \(2016 Census-based\)](#)

Guide for use

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

Data Element / Data Set

[Person—estimated resident population of Australia, total people N\[N\(7\)\]](#)

Data Source

[ABS Estimated resident population \(2016 Census-based\)](#)

Guide for use

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

Data Element / Data Set

[Person—sex, code X](#)

Data Source

[ABS Estimated resident population \(2016 Census-based\)](#)

Guide for use

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

Data Element / Data Set

[Person—sex, code X](#)

Data Source

[ABS Indigenous estimates and projections \(2016 Census-based\)](#)

Guide for use

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

Disaggregation:

2016, 2017, 2018 — State and territory, by:

- cancer type
- cancer type and Indigenous status
- cancer type and remoteness (Australian Statistical Geography Standard (ASGS) 2016 Remoteness Structure)
- cancer type and 2016 SEIFA IRSD quintiles (not reported).

2016, 2017, 2018 — Nationally, by:

- cancer type and 2016 SEIFA IRSD deciles (not reported).

Cancer types in these disaggregations comprise: bowel cancer (ICD-10 2016 version codes C18–C20), lung cancer (C33–C34), melanoma of the skin (C43), female breast cancer (C50) and cervical cancer (C53).

The 2018 tables only include data from Victoria.

Some disaggregation may result in numbers too small for publication.

Disaggregation data elements:

Data Element / Data Set

[Person—Australian state/territory identifier, code N](#)

Data Source

[Australian Cancer Database](#)

Guide for use

Data source type: Cancer registry data

Data Element / Data Set

[Person—Indigenous status, code N](#)

Data Source

[Australian Cancer Database](#)

Guide for use

Data source type: Cancer registry data

Data Element / Data Set

[Person—area of usual residence, statistical area level 2 \(SA2\) code \(ASGS 2016\) N\(9\)](#)

Data Source

[Australian Cancer Database](#)

Guide for use

Data source type: Cancer registry data
Used for disaggregation by state/territory, remoteness and SEIFA

Comments:

Most recent data available for 2021 National Healthcare Agreement performance reporting: 2018 for Victoria; 2017 for New South Wales, Queensland, Western Australia, South Australia, Tasmania and the Australian Capital Territory; 2016 for the Northern Territory.

Representational attributes

Representation class: Rate
Data type: Real
Unit of measure: Episode
Format: N[NN].N

Indicator conceptual framework

Framework and dimensions: [Health conditions](#)

Data source attributes

Data sources:**Data Source**

[ABS Indigenous estimates and projections \(2016 Census-based\)](#)

Frequency

Periodic

Data custodian

Australian Bureau of Statistics

Data Source

[Australian Cancer Database](#)

Frequency

Annual

Data custodian

Australian Institute of Health and Welfare

Data Source

[ABS Estimated resident population \(2016 Census-based\)](#)

Frequency

Quarterly

Data custodian

Australian Bureau of Statistics

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 02–Incidence of selected cancers, 2020](#)

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

Has been superseded by [National Healthcare Agreement: PI 02–Incidence of selected cancers, 2022](#)

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

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

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

See also [Australian Health Performance Framework: PI 3.1.2–Incidence of selected cancers, 2019](#)

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

See also [National Healthcare Agreement: PI 24–Survival of people diagnosed with notifiable cancers, 2021](#)

[Health](#), Standard 16/09/2020