

# Australian Health Performance Framework: PI 3.1.2–Incidence of selected cancers, 2020

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	AHPF PI 3.1.2–Incidence of selected cancers, 2020
<b>METEOR identifier:</b>	728385
<b>Registration status:</b>	<ul style="list-style-type: none"><li>• <a href="#">Health</a>, Standard 13/10/2021</li></ul>
<b>Description:</b>	Incidence of selected cancers of public health importance.
<b>Indicator set:</b>	<a href="#">Australian Health Performance Framework, 2020 Health</a> , Standard 13/10/2021

## Collection and usage attributes

<b>Computation description:</b>	<p>Rates directly age-standardised to the 2001 Australian Standard Population.</p> <p>Analyses by state and territory, remoteness and Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-Economic Disadvantage (IRSD) are based on the state or territory and Statistical Area Level 2 (SA2) of the person at the time of their diagnosis.</p> <p>Rates that are considered unstable and should be interpreted with caution will be noted. Rates that are considered very unstable will not be published.</p> <p>Presented as:</p> <ul style="list-style-type: none"><li>• a number (for state and territory by cancer type disaggregations)</li><li>• per 100,000.</li></ul>
<b>Computation:</b>	<p><math>100,000 \times (\text{Numerator} \div \text{Denominator})</math></p> <p>Calculated separately for each type of cancer.</p>
<b>Numerator:</b>	<p>For melanoma, bowel and lung cancer: Number of new cases in the reported year.</p> <p>For cervical and breast cancer in females: Number of new cases in females in the reported year.</p>

**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 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

**Disaggregation:**

2016—State and territory (excluding Northern Territory), by:

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

2016—Nationally (excluding Northern Territory), by:

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

2010–2014—Primary Health Network (PHN), by:

- Cancer type.

Data are provided as counts of new cases and age-standardised rates. Northern Territory data for 2016 are not available.

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).

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 2020 Australian Health Performance Framework reporting: 2016 (state/territory and national, excluding NT); 2010–2014 (PHN).

NSW data for 2016 are not available.

## Representational attributes

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

## Indicator conceptual framework

**Framework and dimensions:** [1. Health conditions](#)

## Data source attributes

**Data sources:**

<b>Data Source</b>
<a href="#">ABS Estimated resident population (2016 Census-based)</a>
<b>Frequency</b>
Quarterly
<b>Data custodian</b>
Australian Bureau of Statistics
<b>Data Source</b>
<a href="#">Australian Cancer Database</a>
<b>Frequency</b>
Annual
<b>Data custodian</b>
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

**Submitting organisation:** Australian Institute of Health and Welfare

## Relational attributes

**Related metadata references:**

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

- [Health](#), Standard 09/04/2020

See also [Australian Health Performance Framework: PI 2.1.5–Survival of people diagnosed with cancer, 2020](#)

- [Health](#), Standard 01/12/2020

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