

# National Bowel Cancer Screening Program: PI 05a-Adenoma detection rate

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# National Bowel Cancer Screening Program: PI 05a-Adenoma detection rate

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	National Bowel Cancer Screening Program adenoma detection rate
<b>Synonymous names:</b>	NBCSP adenoma detection rate
<b>METEOR identifier:</b>	694172
<b>Registration status:</b>	<a href="#">Health</a> , Standard 06/09/2018
<b>Description:</b>	<p>The proportion of people who returned a valid National Bowel Cancer Screening Program (NBCSP) screening test in a <a href="#">defined 12-month period</a> who were diagnosed with an adenoma within the defined period or the following 12 months.</p>
<b>Rationale:</b>	<p>Adenomas are benign growths that have the potential to become cancerous, and their removal is likely to lower the risk of future colorectal cancer. Therefore, the adenoma detection rate (particularly the detection of advanced adenomas) is one measure of the effectiveness of the program.</p> <p>This indicator is defined to calculate the proportion of people who screened and had an adenoma detected, not the number of adenomas found per 100 diagnostic assessments. Therefore, it should not be used as a measure of the quality of diagnostic assessment.</p> <p>To reduce the effect of any lag time between invitation, positive screen, diagnostic assessment and histopathology, this indicator includes all those who screened in the defined period, not all those invited in the defined period (who had a positive screen).</p>
<b>Indicator set:</b>	<a href="#">National Bowel Cancer Screening Program performance indicators 2019–</a> <a href="#">Health</a> , Standard 06/09/2018

## Collection and usage attributes

<b>Computation:</b>	10,000 x (Numerator ÷ Denominator)
<b>Numerator:</b>	The number of people who returned a valid NBCSP screening test in a <a href="#">defined 12-month period</a> who were diagnosed with an adenoma within the defined period or the following 12 months.

**Numerator data elements:**

**Data Element / Data Set**

[Person—person identifier, X\[X\(19\)\]](#)

**Data Source**

[National Bowel Cancer Screening Program \(NBCSP\)](#)

**NMDS / DSS**

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Person—disease screening test completion status, bowel screening code N](#)

**Data Source**

[National Bowel Cancer Screening Program \(NBCSP\)](#)

**NMDS / DSS**

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Person—disease screening test results sent date, DDMMYYYY](#)

**Data Source**

[National Bowel Cancer Screening Program \(NBCSP\)](#)

**NMDS / DSS**

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Patient—colorectal polyps found in colon indicator, yes/no code N](#)

**Data Source**

[National Bowel Cancer Screening Program \(NBCSP\)](#)

**NMDS / DSS**

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Patient—colorectal polyp type, code N\[N\]](#)

**Data Source**

[National Bowel Cancer Screening Program \(NBCSP\)](#)

**NMDS / DSS**

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Denominator:**

The number of people who returned a valid screening test for analysis in the [defined 12-month period](#).

**Denominator data elements:**

**Data Element / Data Set**

[Person—person identifier, X\[X\(19\)\]](#)

**Data Source**

[National Bowel Cancer Screening Program \(NBCSP\)](#)

**NMDS / DSS**

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Person—disease screening test completion status, bowel screening code N](#)

**Data Source**

[National Bowel Cancer Screening Program \(NBCSP\)](#)

**NMDS / DSS**

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Person—disease screening test results sent date, DDMMYYYY](#)

**Data Source**

[National Bowel Cancer Screening Program \(NBCSP\)](#)

**NMDS / DSS**

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Disaggregation:**

Items will be presented by sex and age group, by:

- State and territory
- Socioeconomic status
- Remoteness area
- Indigenous status
- Main language spoken at home
- Disability status
- Disease screening invitation round
- Screening test type
- Diagnostic assessment type
- Patient election status
- Colorectal polyp(s) type

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**

[National Bowel Cancer Screening Program \(NBCSP\)](#)

**NMDS / DSS**

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Person—main language other than English spoken at home, code \(ASCL 2016\) N\[NNN\]](#)

**Data Source**

[National Bowel Cancer Screening Program \(NBCSP\)](#)

NMDS / DSS

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Person—area of usual residence, statistical area level 1 \(SA1\) code \(ASGS 2016\) N\(11\)](#)

Data Source

[National Bowel Cancer Screening Program \(NBCSP\)](#)

NMDS / DSS

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Person—disability status, yes/no/not stated/inadequately described code N](#)

Data Source

[National Bowel Cancer Screening Program \(NBCSP\)](#)

NMDS / DSS

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Person—geographic remoteness, classification \(ASGS-RA\) N](#)

Data Source

[National Bowel Cancer Screening Program \(NBCSP\)](#)

NMDS / DSS

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Person—age, total years N\[NN\]](#)

Data Source

[National Bowel Cancer Screening Program \(NBCSP\)](#)

NMDS / DSS

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Person—screening round number, identifier N\[N\]](#)

Data Source

[National Bowel Cancer Screening Program \(NBCSP\)](#)

NMDS / DSS

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Person—cancer screening test type, bowel cancer code N](#)

**Data Source**

[National Bowel Cancer Screening Program \(NBCSP\)](#)

**NMDS / DSS**

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Patient—cancer diagnostic assessment type, bowel cancer code N](#)

**Data Source**

[National Bowel Cancer Screening Program \(NBCSP\)](#)

**NMDS / DSS**

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Patient—colorectal polyp type, code N\[N\]](#)

**Data Source**

[National Bowel Cancer Screening Program \(NBCSP\)](#)

**NMDS / DSS**

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Patient—election status, code N](#)

**Data Source**

[National Bowel Cancer Screening Program \(NBCSP\)](#)

**NMDS / DSS**

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[National Bowel Cancer Screening Program \(NBCSP\)](#)

**NMDS / DSS**

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

**Data Element / Data Set**

[Person—sex, code X](#)

**Data Source**

[National Bowel Cancer Screening Program \(NBCSP\)](#)

**NMDS / DSS**

[National Bowel Cancer Screening Program NBEDS 2018–19](#)

## Representational attributes

**Representation class:** Percentage  
**Data type:** Real  
**Unit of measure:** Person  
**Format:** N[N].N

## Data source attributes

**Data sources:**

### Data Source

[National Bowel Cancer Screening Program \(NBCSP\)](#)

### Frequency

6-monthly (register snapshot)

### Data custodian

Prior to 1 November 2019, Medicare Australia (Medicare Australia merged with the Department of Human Services in 2011). From 1 November 2019, the Department of Health and Aged Care.

## Source and reference attributes

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

## Relational attributes

**Related metadata references:** Supersedes [National Bowel Cancer Screening Program: PI 05a-Adenoma detection rate](#)  
[Health](#), Superseded 06/09/2018