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

Exported from METEOR (AIHW's Metadata Online Registry)

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

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	National Bowel Cancer Screening Program adenoma detection rate
Synonymous names:	NBCSP adenoma detection rate
METEOR identifier:	533371
Registration status:	Health, Superseded 06/09/2018
Description:	The percentage of people who returned a valid National Bowel Cancer Screening Program (NBCSP) screening test in a defined 12-month period who were diagnosed with an adenoma within the defined period or the following 12 months.
Rationale:	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.
	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.
	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).
Indicator set:	National Bowel Cancer Screening Program performance indicators 2014–2018 Health, Superseded 06/09/2018

Collection and usage attributes

Computation:	10,000 x (Numerator ÷ Denominator)
Numerator:	The number of people who returned a valid NBCSP screening test in a **defined 12-month period** 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 2014-18

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┌─ **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 2014-18

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┌─ **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 2014-18

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┌─ **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 2014-18

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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 2014-18](#)

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 2014-18](#)

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 2014-18](#)

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
- 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 2014-18](#)

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 2014-18](#)

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 2014-18](#)

Data Element / Data Set

[Person—disease screening invitation round count, total number N[N]](#)

Data Source

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

NMDS / DSS

[National Bowel Cancer Screening Program NBEDS 2014-18](#)

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 2014-18](#)

Data Element / Data Set

[Person—sex, code N](#)

Data Source

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

NMDS / DSS

[National Bowel Cancer Screening Program NBEDS 2014-18](#)

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 2014-18](#)

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 2014-18](#)

Data Element / Data Set

[Person—disability status, code N](#)

Data Source

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

NMDS / DSS

[National Bowel Cancer Screening Program NBEDS 2014-18](#)

Data Element / Data Set

[Person—main language other than English spoken at home, code (ASCL 2011) NN{NN}](#)

Data Source

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

NMDS / DSS

[National Bowel Cancer Screening Program NBEDS 2014-18](#)

Data Element / Data Set

[Socio-Economic Indexes for Areas (SEIFA) (2011 Census, ASGS 2011) cluster](#)

Data Source

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

NMDS / DSS

[National Bowel Cancer Screening Program NBEDS 2014-18](#)

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 2014-18](#)

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 2014-18](#)

Representational attributes

Representation class:	Proportion
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.
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Source and reference attributes

Submitting organisation: Australian Institute of Health and Welfare

Relational attributes

Related metadata references:	Has been superseded by National Bowel Cancer Screening Program: PI05a-Adenoma detection rate Health, Standard 06/09/2018