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

Exported from METEOR (AIHW's Metadata Online Registry)

© Australian Institute of Health and Welfare 2024

This product, excluding the AIHW logo, Commonwealth Coat of Arms and any material owned by a third party or protected by a trademark, has been released under a Creative Commons BY 4.0 (CC BY 4.0) licence. Excluded material owned by third parties may include, for example, design and layout, images obtained under licence from third parties and signatures. We have made all reasonable efforts to identify and label material owned by third parties.

You may distribute, remix and build on this website's material but must attribute the AIHW as the copyright holder, in line with our attribution policy. The full terms and conditions of this licence are available at https://creativecommons.org/licenses/by/4.0/.

Enquiries relating to copyright should be addressed to info@aihw.gov.au.

Enquiries or comments on the METEOR metadata or download should be directed to the METEOR team at meteor@aihw.gov.au.

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:	694172
Registration status:	Health, Standard 06/09/2018
Description:	The proportion 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 2019– Health, Standard 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 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