National Bowel Cancer Screening Program: PI 07-Interval cancer rate

Exported from METEOR (AIHW's Metadata Online Registry)

National Bowel Cancer Screening Program: PI 07- Interval cancer rate

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	National Bowel Cancer Screening Program interval cancer rate
Synonymous names:	NBCSP interval cancer rate
METEOR identifier:	533404
Registration status:	Health!, Superseded 06/09/2018
Description:	The percentage of people who returned a National Bowel Cancer Screening Program (NBCSP) screening test in a defined 12-month period who were diagnosed with colorectal cancer (not involving a positive NBCSP screen and positive assessment) in the following 24-month period, or before their next screen, whichever comes first.
Rationale:	An interval cancer is a colorectal cancer that is diagnosed after a screen that detected no cancer and before the next screen or in the following 24 months, whichever is earlier. Interval cancers are inevitable in a population based screening program; a low interval cancer rate is desirable.
	A high interval cancer rate reduces the potential for the program to achieve reductions in morbidity and mortality from colorectal cancer. Monitoring interval cancer rates is also important to assess the diagnostic assessment component of the screening pathway.
	Monitoring the interval cancer rate by various stratifications may also reveal emerging positive or negative trends that need to be investigated and rectified if necessary.
Indicator set:	National Bowel Cancer Screening Program performance indicators 2014–2018 Health!, Superseded 06/09/2018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 an NBCSP screening test in a **defined 12-month period** who were diagnosed with colorectal cancer in the following 24 months (or before their next screen), after negative or inconclusive screen(s), or a positive screen and negative assessment(s).
Numerator data elements:	**Data Element / Data Set**

Patient—cancer 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

Patient—diagnosis date of cancer, DDMMYYYY

Data Source

Data Element / Data Set

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

NMDS / DSS

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

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 results sent date, DDMMYYYY](#)

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 result, bowel cancer code N[A]](#)

Data Source

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

NMDS / DSS

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

Data Element / Data Set

[Person—cancer diagnostic assessment indicator, yes/no code N](#)

Data Source

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

NMDS / DSS

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

Denominator: The number of people who returned a negative screening test or a positive screening test with a negative diagnostic assessment in the **[defined 12-month period](#)**.

Denominator data   **Data Element / Data Set**

elements:

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

Data Element / Data Set

Person—cancer screening test result, bowel cancer code N[A]

Data Source

National Bowel Cancer Screening Program (NBCSP)

NMDS / DSS

National Bowel Cancer Screening Program NBEDS 2014-18

Data Element / Data Set

Person—cancer diagnostic assessment abnormal result, yes/no code N

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
- Screening test result
- Colorectal polyp(s) found indicator

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 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 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

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

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**   │
│   │
│ Medicare Australia (Medicare Australia merged with the Department of │
│ Human Services in 2011)   │
│   │
└──┘

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: PI07-Interval cancer rate](#)

[Health!](#), Standard 06/09/2018