National Bowel Cancer Screening Program: PI 06b-Positive predictive value of diagnostic assessment for detecting colorectal cancer

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 06b-Positive predictive value of diagnostic assessment for detecting colorectal cancer

|  |  |
| --- | --- |
| Identifying and definitional attributes | |
| Metadata item type: | Indicator |
| Indicator type: | Indicator |
| Short name: | National Bowel Cancer Screening Program positive predictive value of diagnostic assessment for detecting colorectal cancer |
| Synonymous names: | NBCSP positive predictive value of diagnostic assessment for detecting colorectal cancer |
| METEOR identifier: | 533402 |
| Registration status: | [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 06/09/2018 |
| Description: | The percentage of people who returned a positive National Bowel Cancer Screening Program (NBCSP) screening test that underwent a diagnostic assessment and were diagnosed with cancer, measured 12 months after the defined period. |
| Rationale: | This indicator calculates the positive predictive value of follow-up assessment for detecting cancers. This is a measure of the quality and effectiveness of diagnostic assessment.  The NBCSP aims to maximise the early detection of colorectal cancer in the target population.  This can be achieved by detecting cases of colorectal cancer before a person has symptoms, enabling early intervention.  Monitoring the cancer detection rate by various stratifications may also reveal emerging positive or negative trends that need to be investigated and rectified if necessary.  To reduce the effect of any lag time between invitation, positive screen, diagnostic assessment and histopathology, this indicator includes all those who underwent diagnostic assessment in the defined period, not all those invited in the defined period (who had undergone diagnostic assessment). |
| Indicator set: | [National Bowel Cancer Screening Program performance indicators 2014–2018](https://meteor-uat.aihw.gov.au/content/533361)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 06/09/2018 |

|  |  |
| --- | --- |
| Collection and usage attributes | |
| Computation: | 100 x (Numerator ÷ Denominator) |
| Numerator: | The number of people who returned a positive NBCSP screening test that had a diagnostic assessment and were diagnosed with screen-detected cancer in a [**defined 12-month period**](https://meteor-uat.aihw.gov.au/content/569133) or the following 12 months. |
| Numerator data elements: | **Data Element / Data Set**  [Patient—diagnosis date of cancer, DDMMYYYY](https://meteor-uat.aihw.gov.au/content/416129)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Person—person identifier, X[X(19)]](https://meteor-uat.aihw.gov.au/content/529217)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Person—cancer screening test result, bowel cancer code N[A]](https://meteor-uat.aihw.gov.au/content/530020)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Patient—cancer diagnostic assessment type, bowel cancer code N](https://meteor-uat.aihw.gov.au/content/530093)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Patient—cancer diagnostic assessment date, DDMMYYYY](https://meteor-uat.aihw.gov.au/content/530106)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Person—cancer diagnosed indicator, yes/no code N](https://meteor-uat.aihw.gov.au/content/530551)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201) |
| Denominator: | The number of people who underwent diagnostic assessment to follow up a positive screening test in the [**defined 12-month period**](https://meteor-uat.aihw.gov.au/content/569133) and had available diagnostic information. |
| Denominator data elements: | **Data Element / Data Set**  [Person—person identifier, X[X(19)]](https://meteor-uat.aihw.gov.au/content/529217)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Person—cancer screening test result, bowel cancer code N[A]](https://meteor-uat.aihw.gov.au/content/530020)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Patient—cancer diagnostic assessment type, bowel cancer code N](https://meteor-uat.aihw.gov.au/content/530093)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Patient—cancer diagnostic assessment date, DDMMYYYY](https://meteor-uat.aihw.gov.au/content/530106)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201) |
| 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 * Diagnostic assessment type * Election status   Some disaggregation may result in numbers too small for publication. |
| Disaggregation data elements: | **Data Element / Data Set**  [Person—Australian state/territory identifier, code N](https://meteor-uat.aihw.gov.au/content/286919)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Person—disease screening invitation round count, total number N[N]](https://meteor-uat.aihw.gov.au/content/568644)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Person—geographic remoteness, classification (ASGS-RA) N](https://meteor-uat.aihw.gov.au/content/569240)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Person—sex, code N](https://meteor-uat.aihw.gov.au/content/287316)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Person—Indigenous status, code N](https://meteor-uat.aihw.gov.au/content/291036)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Person—age, total years N[NN]](https://meteor-uat.aihw.gov.au/content/303794)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Person—disability status, code N](https://meteor-uat.aihw.gov.au/content/312934)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Person—main language other than English spoken at home, code (ASCL 2011) NN{NN}](https://meteor-uat.aihw.gov.au/content/460125)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Socio-Economic Indexes for Areas (SEIFA) (2011 Census, ASGS 2011) cluster](https://meteor-uat.aihw.gov.au/content/517903)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Patient—cancer diagnostic assessment type, bowel cancer code N](https://meteor-uat.aihw.gov.au/content/530093)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201)    **Data Element / Data Set**  [Patient—election status, code N](https://meteor-uat.aihw.gov.au/content/566135)  **Data Source**  [National Bowel Cancer Screening Program (NBCSP)](https://meteor-uat.aihw.gov.au/content/394277)  **NMDS / DSS**  [National Bowel Cancer Screening Program NBEDS 2014-18](https://meteor-uat.aihw.gov.au/content/529201) |
| 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)](https://meteor-uat.aihw.gov.au/content/394277)  **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: PI 06b-Positive predictive value of diagnostic assessment for detecting colorectal cancer](https://meteor-uat.aihw.gov.au/content/694179)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Standard 06/09/2018 |