4 Cancer detection

For participants who return a positive FOBT kit result, colonoscopy is recommended to determine if the cause of the rectal bleeding is cancer-related. This chapter discusses outcomes for participants invited into the NBCSP in 2008 who underwent a colonoscopy as a result of a positive FOBT.

Fast facts

- Of the 16,436 participants with a positive FOBT, only 7,042 (42.8%) had valid Colonoscopy or Histopathology Report forms recorded; outcomes for the remaining 9,394 participants with a positive screening result were unknown.
- There were 63 confirmed and 239 suspected cancers found in those with outcome data available.
- The proportion of people for whom abnormalities were detected at colonoscopy increased with age.
- The proportion of abnormalities detected at colonoscopy was higher for males when compared with females.

How National Bowel Cancer Screening Program outcomes are determined for participants with a positive faecal occult blood test

In 2008, people turning 55 and 65 years (with the addition of those aged 50 years from 1 July 2008) were invited to screen in the NBCSP. An estimated 39.3% of these invitees agreed to participate by returning their completed FOBT kit. Of these participants, 6.6% returned a positive result, indicating the participant should consult their primary health care practitioner to investigate the use of a follow-up colonoscopy as a diagnostic step. This section presents outcomes from the NBCSP as at 31 January 2009 based on those people invited in 2008 who returned a positive FOBT and who proceeded to colonoscopy. Program outcomes at key pathway points are summarised in Figure 4.1.

Data for colonoscopy outcomes were derived from information recorded on the Colonoscopy Report form and the Histopathology Report form. Ultimately, for abnormalities detected at colonoscopy that were sent to histopathology, the final diagnosis must be returned on the Histopathology Report form. However, as reporting by clinicians to the NBCSP is not mandatory, a participant may have a Colonoscopy Report form, a Histopathology Report form or both recorded in the Register. As a result, outcomes were classified as follows:

 Confirmed cancers include suspected cancers at colonoscopy where a biopsy sample was sent to histopathology and confirmed as cancer by histopathology, plus any tissue samples from surgical resection or colonoscopic local excisions that were confirmed to be cancerous by histopathology. Confirmed cancers were given a higher priority than suspected cancer.

- Suspected cancers were abnormalities detected at colonoscopy that the colonoscopist suspects to be cancer but were not yet confirmed by histopathology. Their final diagnosis is not known until histopathology results are available.
- Adenomas confirmed by histopathology were classified next; they were categorised into three risk levels, as described in Appendix B.
- Polyps awaiting histopathology were polyps detected at colonoscopy that had not yet had an associated Histopathology Report form recorded. These may be either pre-cancerous (adenomous) or hyperplastic (non-adenomous) polyps, so may affect the current number of adenomas documented, once their histopathology results are known.
- Participants recorded as having no cancer or adenoma were those who had no polyps or suspected cancers detected at colonoscopy, or had polyps detected at colonoscopy that were classified as non-adenomous by histopathology.

Outcome information comes from the last steps in the NBCSP pathway, and by 31 January 2009, there were still many Colonoscopy and Histopathology Report forms yet to be returned.

Bowel abnormality detection at colonoscopy

Of the 685,915 people invited into the NBCSP in 2008, 251,152 returned FOBT kits, with 16,436 of these found to have blood in the sample, giving a positive result that should be followed up by colonoscopy. However, only 6,919 (42.1%) of the 16,436 participants with a positive FOBT had Colonoscopy Report form details recorded, meaning 9,517 participants had either not had a colonoscopy, or had no colonoscopy outcomes recorded.

Results from the 6,919 colonoscopies with a completed Colonoscopy Report form (Figure 3.4), showed there were 335 (4.8%) participants with a suspected cancer, 3,637 (52.6%) with one or more polyps found and 1,602 (23.2%) other diagnoses (Table 4.1). Around one in five participants with a positive FOBT, who had a Colonoscopy Report form returned, were found to have no abnormality. Suspected cancers and most polyps had samples sent to histopathology.

Overall cancer detection

After including the 1,204 Histopathology Report forms – many of which updated the original suspected colonoscopy diagnosis – the outcomes were as follows:

- 63 participants had bowel cancer found by the NBCSP and confirmed by histopathology
- 239 suspected bowel cancers were still awaiting histopathological diagnosis
- 979 participants were identified with confirmed adenomas by histopathology
- 2,467 participants had excised polyps still waiting on histopathology for classification
- 3,294 participants were found to have no abnormality (Table 4.2).

Histopathology Report forms were only available for 33.6% of samples sent to histopathology; therefore, results for the 2,706 participants awaiting histopathology outcomes were not available for analysis by 31 January 2009. Furthermore, another 1,699 known colonoscopies identified through Medicare claims had neither a Colonoscopy or Histopathology Report form recorded, and therefore, no colonoscopy outcome data.

Cancer detection by population subgroups

Cancer detection by state and territory

The higher rate of recorded follow-up in Queensland, South Australia and Tasmania (Table 3.13) meant these jurisdictions showed higher numbers of abnormalities found at colonoscopy (Table 4.2). However, this is mainly due to these states having more complete data for participant outcomes rather than a geographical link to higher bowel cancer incidence. For example, Queensland (4.3%) actually recorded a lower proportion of suspected and confirmed cancers per 100 colonoscopies than New South Wales (4.5%) and Victoria (5.0%). Therefore, colonoscopy follow-up rates between jurisdictions need to be taken into account when analysing Table 4.2.

Cancer detection by age and sex

Table 4.1 presents the recorded diagnoses from Colonoscopy Report forms for people invited into the NBCSP in 2008. The numbers recorded in this table under the various diagnoses do not take into account those cases where data from histopathology were also available and may have updated the colonoscopic diagnosis (for example, diagnosis of the suspected cancer as a confirmed cancer). Conversely, suspected cancers shown in Table 4.3 only include those that have not been updated by histopathology to their final diagnosis.

As would be expected from the known increase in bowel cancer incidence with age (Chapter 6), the incidence of abnormalities detected at colonoscopy increased with age (tables 4.1 and 4.3). Less than 2.0% of people aged 50 years who underwent a colonoscopy returned a suspected or confirmed cancer outcome compared with 5.6% for those aged 65 years (Table 4.3).

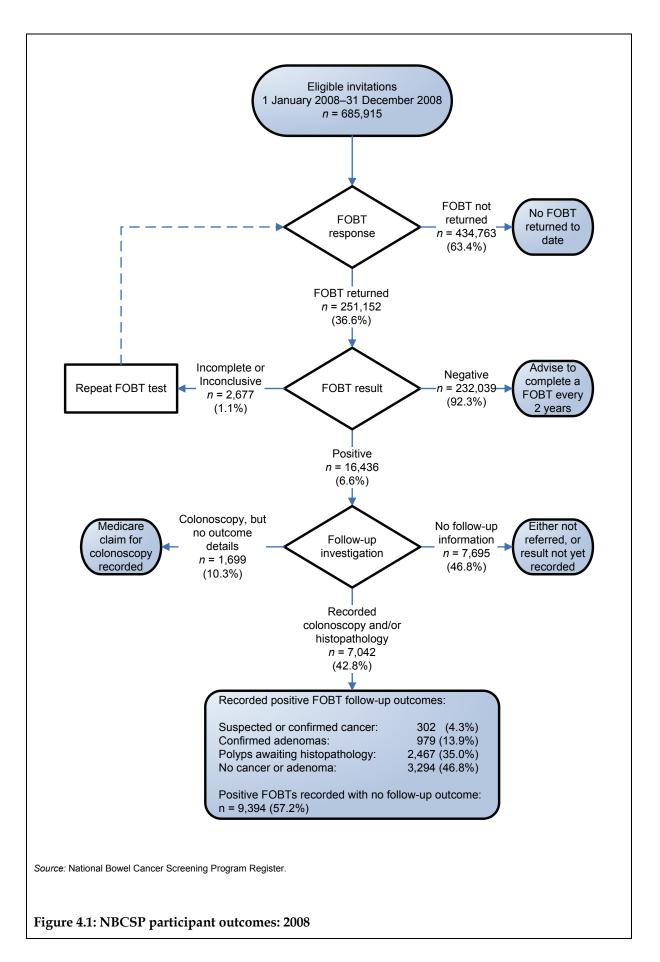
Similarly, males (4.9%) showed an incidence of suspected or confirmed cancers that was 1.4 times that of females (3.6%) (Table 4.3). This is consistent with known bowel cancer incidence in the Australian population (Chapter 6).

Cancer spread status

A biopsy sample of a suspected cancer is adequate to confirm a cancerous growth, but is not usually sufficient to obtain information on the stage and potential metastatic spread of the cancer. To gain such data, a tissue sample from a surgical resection (or colonoscopic local excision), plus lymph node biopsy or other clinical data are required.

Staging data is only available for 22 of the 63 confirmed cancers. Out of these 22, 2 were found to have spread to lymph nodes or metastasized to other secondary sites. The remaining 20 were detected at an earlier stage of spread; cancers diagnosed at these earlier stages are generally associated with improved patient prognosis (Morris, Lacopetta & Platell 2007). Biopsy samples accounted for the remaining 41 confirmed cancers (Table 4.4).

The scope of the NBCSP is to monitor participants up to the 'point of definite diagnosis' (DoHA 2005); however, staging information is often reliant on surgery, which is beyond the scope of the screening pathway.



Cancer detection tables

Table 4.1: Colonoscopic diagnoses recorded on Colonoscopy Report forms (excludes histopathology): 2008

| | | Suspected cancer | One or more polyps | Other diagnoses | No abnormality | All Colonoscopy Report forms |
|----------|----------|------------------|--------------------|-----------------|----------------|---------------------------------|
| Males | | | | | | |
| 50 years | Number | 11 | 217 | 67 | 90 | 385 |
| | Per cent | 2.9 | 56.4 | 17.4 | 23.4 | |
| 55 years | Number | 68 | 889 | 312 | 223 | 1,492 |
| | Per cent | 4.6 | 59.6 | 20.9 | 14.9 | |
| 65 years | Number | 123 | 1,121 | 316 | 196 | 1,756 |
| | Per cent | 7.0 | 63.8 | 18.0 | 11.2 | |
| Total | Number | 202 | 2,227 | 695 | 509 | 3,633 |
| | Per cent | 5.6 | 61.3 | 19.1 | 14.0 | |
| | 95% CI | 2.4-8.7 | 59.3–63.3 | 16.2–22.1 | 11.0–17.0 | |
| Females | | | | | | |
| 50 years | Number | 7 | 150 | 112 | 142 | 411 |
| | Per cent | 1.7 | 36.5 | 27.3 | 34.5 | |
| 55 years | Number | 45 | 568 | 387 | 423 | 1,423 |
| | Per cent | 3.2 | 39.9 | 27.2 | 29.7 | |
| 65 years | Number | 81 | 692 | 408 | 268 | 1,449 |
| | Per cent | 5.6 | 47.8 | 28.2 | 18.5 | |
| Total | Number | 133 | 1,410 | 907 | 833 | 3,283 |
| | Per cent | 4.1 | 42.9 | 27.6 | 25.4 | |
| | 95% CI | 0.7–7.4 | 40.4–45.5 | 24.7–30.5 | 22.4–28.3 | |
| Persons | | | | | | |
| 50 years | Number | 18 | 367 | 179 | 232 | 796 |
| | Per cent | 2.3 | 46.1 | 22.5 | 29.1 | |
| 55 years | Number | 113 | 1,457 | 699 | 646 | 2,915 |
| | Per cent | 3.9 | 50.0 | 24.0 | 22.2 | |
| 65 years | Number | 204 | 1,813 | 724 | 464 | 3,20 |
| | Per cent | 6.4 | 56.6 | 22.6 | 14.5 | |
| Total | Number | 335 | 3,637 | 1,602 | 1,342 | 6,916 |
| | Per cent | 4.8 | 52.6 | 23.2 | 19.4 | |
| | 95% CI | 2.5-7.1 | 51.0-54.2 | 21.1–25.2 | 17.3–21.5 | |

Notes

Only colonoscopies with a Colonoscopy Report form (6,913) could be included in this analysis; colonoscopies identified from Histopathology Report forms or Medicare claims only were not included. However, 3 colonoscopies had unreliable abnormality values recorded. These were regarded as missing data and excluded from this table.

^{2.} People aged 50 years were invited to screen from 1 July 2008. Hence, many will not have had sufficient time to proceed through the screening pathway to colonoscopy after notification of a positive FOBT result.

Table 4.2: Preliminary overall participant summary outcomes, by state and territory: 2008

| State Lisaucidario Issued ¹ Number Issued ² Number Issued ² Accorded ² Cancer or Jacks Activation patriology ² Confirmed activations of patriology ² | | | | | | | | | FOBT positive | itive | | | |
|---|-----------|----------|--------------------------------------|---------|--------|--|--------|--|---|--|---|---------------------------------|------------------------------------|
| Number 219,996 72,295 4,736 1,373 653 554 18 24 Per cent Number 146,263 54,217 3,550 1,486 759 551 15 18 17 17 17 17 17 17 17 17 17 17 18 17 18 18 17 18 | State | | Invitations issued ^(a) | | | Colonoscopy recorded ^(c) | cancer | Polyps awaiting histo- pathology ⁽⁶⁾ | Confirmed diminutive adenoma ^(f) | Confirmed small adenoma ^(f) | Confirmed advanced adenoma ^(f) | Suspected cancer ^(g) | Confirmed cancer ^(h) |
| Per cent 47.6 40.3 1.3 1.7 Number 146.263 54.217 3.560 1,486 759 551 15 18 Per cent 148.986 57.324 3.655 2,124 910 666 61 99 Number 74.639 25.059 1,852 618 219 294 16 13 Number 61,989 25,288 1,735 969 515 272 19 25 Number 61,989 25,288 1,735 969 515 272 19 25 Number 17,977 7,766 593 356 187 28,1 20 27 19 Per cent 1,426 1,426 103 25,2 14 10 11 | NSW | Number | 219,996 | 72,295 | 4,736 | 1,373 | 653 | 554 | 18 | 24 | 62 | 54 | 8 |
| Number 146,263 54,217 3,550 1,486 759 551 15 15 18 18 19 19 19 12 19 12 19 19 | | Per cent | | | | | 47.6 | 40.3 | 1.3 | 1.7 | 4.5 | 3.9 | 9.0 |
| Per cent 148,986 57,324 3,655 2,124 910 666 61 99 12 Per cent 74,639 29,059 1,852 618 219 294 16 99 4.7 1 Per cent 74,639 29,059 1,852 618 219 294 16 29 4.7 1 Per cent 10 mmber 61,989 1,735 969 515 272 19 26 2.1 1 20 2.1 1 2.0 2.1 1 2.2 2.1 2.2 2.1 2.2 2.1 2.2 2.1 2.2 2.1 2.2 2.1 2.2 2.1 2.2 2.1 2.2 2.1 2.2 2.1 2.2 2.1 2.2 < | Vic | Number | 146,263 | 54,217 | 3,550 | 1,486 | 759 | 551 | 15 | 18 | 89 | 89 | 7 |
| Number 748,986 57,324 3,655 2,124 910 666 61 99 Percent Percent 42.8 31.4 2.9 4.7 99 Number 74,639 29,059 1,185 618 219 294 16 4.7 Percent 8,000 25,288 1,735 969 515 226 2.1 2.2 2.1 2.2 2.1 2.2 2.1 2.2 2.1 2.2 | | Per cent | | | | | 51.1 | 37.1 | 1.0 | 1.2 | 4.6 | 4.6 | 0.5 |
| Per cent 74,639 29,059 1,852 618 219 294 16 4.7 Number Per cent 35,4 47.6 294 16 13 Number 17,989 25,288 1,735 969 515 272 19 26 2.7 Number 17,977 7,766 593 356 187 20.5 3.1 11 11 Number 9,666 3,777 212 79 34 40 < | Did | Number | 148,986 | 57,324 | 3,655 | 2,124 | 910 | 999 | 61 | 66 | 296 | 65 | 27 |
| Number 74,639 29,059 1,852 618 219 294 16 13 Per cent Number 61,989 25,288 1,735 969 515 26,2 21 21 Per cent Number 17,977 7,766 593 356 187 28.1 20.5 27 11 Number 9,666 3,777 212 79 34 40 70 21 11 Per cent 6,639 1,426 103 37 17 0 0 0 0 India Number 6,399 1,426 16,436 1,426 16,436 1,426 0 | | Per cent | | | | | 42.8 | 31.4 | 2.9 | 4.7 | 13.9 | 3.1 | 1.3 |
| Per cent 35.4 47.6 2.6 2.1 Number 61,989 25,288 1,735 969 515 272 19 26 26 26 27 10 26 27 11 | WA | Number | 74,639 | 29,059 | 1,852 | 618 | 219 | 294 | 16 | 13 | 22 | 17 | 2 |
| Number 61,989 25,288 1,735 969 515 272 19 26 17 Per cent Number 17,977 7,766 593 356 187 73 11 <td></td> <td>Per cent</td> <td></td> <td></td> <td></td> <td></td> <td>35.4</td> <td>47.6</td> <td>2.6</td> <td>2.1</td> <td>9.2</td> <td>2.8</td> <td>0.3</td> | | Per cent | | | | | 35.4 | 47.6 | 2.6 | 2.1 | 9.2 | 2.8 | 0.3 |
| Per cent 1 Mumber 17,977 7,766 593 356 187 73 11 1 | SA | Number | 61,989 | 25,288 | 1,735 | 696 | 515 | 272 | 19 | 26 | 107 | 20 | 10 |
| Number 17,977 7,766 593 356 187 73 11 11 Per cent Number 9,666 3,777 212 79 34 40 0 0 0 Number 6,399 1,426 103 37 17 17 0 0 0 0 Per cent 8 1,426 16,436 7,042 3,294 2,467 140 191 6 Per cent Per cent 46.8 3,294 2,467 140 191 6 1 | | Per cent | | | | | 53.1 | 28.1 | 2.0 | 2.7 | 11.0 | 2.1 | 1.0 |
| Per cent Secont Secon | Tas | Number | 17,977 | 7,766 | 593 | 356 | 187 | 73 | 11 | 1- | 55 | 10 | 6 |
| Number 9,666 3,777 212 79 34 40 0 0 0 Per cent Number 6,399 1,426 103 37 17 0 0 0 Per cent Number 685,915 251,152 16,436 7,042 3,294 2,467 140 191 6 Per cent Per cent 46.8 35.0 2.0 27 27 | | Per cent | | | | | 52.5 | 20.5 | 3.1 | 3.1 | 15.4 | 2.8 | 2.5 |
| Per cent 6,399 1,426 103 37 17 17 0 0.0 0.0 Stralia Number 685,915 251,152 16,436 7,042 3,294 2,467 140 191 6 Per cent Per cent A6.8 35.0 2.0 2.0 2.7 | ACT | Number | 9,666 | 3,777 | 212 | 79 | 34 | 40 | 0 | 0 | ~ | 4 | 0 |
| Number 6,399 1,426 103 37 17 17 0 0 Per cent Per cent 685,915 251,152 16,436 7,042 3,294 2,467 140 191 6 Per cent Per cent 46.8 35.0 2.0 2.7 27 | | Per cent | | | | | 43.0 | 50.6 | 0.0 | 0.0 | 1.3 | 5.1 | 0.0 |
| Per cent 45.9 45.9 45.9 0.0 0.0 Number 685,915 251,152 16,436 7,042 3,294 2,467 140 191 6 Per cent 46.8 35.0 2.0 2.7 27 | L | Number | 6,399 | 1,426 | 103 | 37 | 17 | 17 | 0 | 0 | 2 | ~ | 0 |
| Number 685,915 251,152 16,436 7,042 3,294 2,467 140 191 (| | Per cent | | | | | 45.9 | 45.9 | 0.0 | 0.0 | 5.4 | 2.7 | 0.0 |
| 46.8 35.0 2.0 2.7 | Australia | Number | 685,915 | 251,152 | 16,436 | 7,042 | 3,294 | 2,467 | 140 | 191 | 648 | 239 | 63 |
| | | Per cent | | | | | 46.8 | 35.0 | 2.0 | 2.7 | 9.2 | 3.4 | 6.0 |

'Invitations issued' equals the number of eligible people who were issued an invitation to screen in the NBCSP.

'Number screened' equals the number of people who completed an FOBT kit and had results forwarded to the Register.

Colonoscopy recorded' includes colonoscopies recorded via the Colonoscopy Report and/or Histopathology Report forms. It does not include colonoscopies identified through Medicare claims.

No cancers were suspected at colonoscopy or confirmed non-cancerous by histopathology; no polyps identified at colonoscopy, or polyps confirmed as non-adenomous at histopathology.

Polyps detected at colonoscopy and sent to histopathology for analysis. No Histopathology Report form received by Register.

Confirmed adenoma figures were based on a combination of the Colonoscopy and Histopathology Report forms for a person received by the Register.

Cancer suspected at colonoscopy but not yet confirmed by histopathology.

Cancer confirmed by histopathology.

Table 4.3: Preliminary overall participant summary outcomes, by age and sex: 2008

| | | | | l | | | | FOBT positive | sitive | | | |
|----------|----------|--------------------------------------|-----------------------------------|---------------------------|--|---|--|---|---|---|---------------------------------|------------------------------------|
| | | Invitations issued ^(a) | Number screened ^(b) | Total positive FOBT | Colonoscopy recorded ^(c) | No cancer or adenoma ^(d) | Polyps awaiting histo- pathology ⁽⁶⁾ | Confirmed diminutive adenoma ^(f) | Confirmed small adenoma ⁽⁾ | Confirmed advanced adenoma ^(f) | Suspected cancer ^(g) | Confirmed cancer ^(h) |
| Males | | | | | | | | | | | | |
| 50 years | Number | 117,340 | 29,760 | 1,841 | 391 | 178 | 157 | O | 10 | 26 | 6 | 7 |
| | Per cent | | | | | 45.5 | 40.2 | 2.3 | 2.6 | 9.9 | 2.3 | 0.5 |
| 55 years | Number | 136,570 | 45,950 | 3,149 | 1,520 | 909 | 613 | 32 | 52 | 156 | 20 | 12 |
| | Per cent | | | | | 39.8 | 40.3 | 2.1 | 3.4 | 10.3 | 3.3 | 8.0 |
| 65 years | Number | 90,289 | 39,311 | 3,799 | 1,796 | 621 | 750 | 31 | 52 | 234 | 79 | 29 |
| | Per cent | | | | | 34.6 | 41.8 | 1.7 | 2.9 | 13.0 | 4.4 | 1.6 |
| Tota/ | Number | 344,199 | 115,021 | 8,789 | 3,707 | 1,404 | 1,520 | 72 | 114 | 416 | 138 | 43 |
| | Per cent | | | | | 37.9 | 41.0 | 1.9 | 3.1 | 11.2 | 3.7 | 1.2 |
| Females | | | | | | | | | | | | |
| 50 years | Number | 117,488 | 35,958 | 1,739 | 421 | 267 | 122 | က | 4 | 20 | 2 | 0 |
| | Per cent | | | | | 63.4 | 29.0 | 0.7 | 1.0 | 4.8 | 1.2 | 0.0 |
| 55 years | Number | 136,181 | 56,752 | 2,882 | 1,441 | 873 | 385 | 27 | 28 | 86 | 32 | 10 |
| | Per cent | | | | | 9.09 | 26.7 | 1.9 | 1.9 | 0.9 | 2.2 | 0.7 |
| 65 years | Number | 88,047 | 43,421 | 3,026 | 1,473 | 750 | 440 | 38 | 45 | 126 | 64 | 10 |
| | Per cent | | | | | 6.03 | 29.9 | 2.6 | 3.1 | 8.6 | 4.3 | 0.7 |
| Tota/ | Number | 341,716 | 136,131 | 7,647 | 3,335 | 1,890 | 947 | 89 | 77 | 232 | 101 | 20 |
| | Per cent | | | | | 56.7 | 28.4 | 2.0 | 2.3 | 7.0 | 3.0 | 9.0 |
| | | | | | | | | | | | | |

(continued)

Table 4.3 (continued): Preliminary overall participant summary outcomes, by age and sex: 2008

| | | | | • | | | | FOBT positive | sitive | | | |
|-----------|----------|--------------------------------------|-----------------------------------|---------------------------|--|---|--|---|--|---|---------------------------------|------------------------------------|
| | | Invitations issued ^(a) | Number screened ^(b) | Total positive FOBT | Colonoscopy recorded ^(c) | No cancer or adenoma ^(d) | Polyps awaiting histo- pathology ^(e) | Confirmed diminutive adenoma ^(f) | Confirmed small adenoma ⁽¹⁾ | Confirmed advanced adenoma ^(†) | Suspected cancer ^(g) | Confirmed cancer ^(h) |
| Persons | | | | | | | | | | | | |
| 50 years | Number | 234,828 | 65,718 | 3,580 | 812 | 445 | 279 | 12 | 4 | 46 | 14 | 2 |
| | Per cent | | | | | 54.8 | 34.4 | 1.5 | 1.7 | 5.7 | 1.7 | 0.2 |
| 55 years | Number | 272,751 | 102,702 | 6,031 | 2,961 | 1,478 | 866 | 59 | 80 | 242 | 82 | 22 |
| | Per cent | | | | | 49.9 | 33.7 | 2.0 | 2.7 | 8.2 | 2.8 | 0.7 |
| 65 years | Number | 178,336 | 82,732 | 6,825 | 3,269 | 1,371 | 1,190 | 69 | 6 | 360 | 143 | 39 |
| | Per cent | | | | | 41.9 | 36.4 | 2.1 | 3.0 | 11.0 | 4.4 | 1.2 |
| Total | Number | 685,915 | 251,152 | 16,436 | 7,042 | 3,294 | 2,467 | 140 | 191 | 648 | 239 | 63 |
| | Per cent | | | | | 46.8 | 35.0 | 2.0 | 2.7 | 9.2 | 3.4 | 6.0 |
| (1-1) (-) | | | 1 - H - H - H - H - H - H - H | | | 000014 - 14 -: | 000 | | | | | |

'Invitations issued' equals the number of eligible people who were issued an invitation to screen in the NBCSP.

'Number screened' equals the number of people who completed an FOBT kit and had results forwarded to the Register.

'Colonoscopy recorded' includes colonoscopies recorded via the Colonoscopy Report and/or Histopathology Report forms. It does not include colonoscopies identified through Medicare claims.

No cancers were suspected at colonoscopy or confirmed non-cancerous by histopathology; no polyps identified at colonoscopy, or polyps confirmed as non-adenomous at histopathology.

Polyps detected at colonoscopy and sent to histopathology for analysis. No Histopathology Report form received by Register.

Confirmed adenoma figures were based on a combination of the Colonoscopy and Histopathology Report forms for a person received by the Register.

Cancer suspected at colonoscopy but not yet confirmed by histopathology.

Cancer confirmed by histopathology.

Table 4.4: Cancer spread status, by age and sex: 2008

| | | Cancer con | firmed by histopath | ology | | |
|----------|--|--------------------------------|---------------------------------------|-----------------------|--------------|-----------------------------|
| - | Submucosa or into but not through muscularis propria | Through muscular propria | Spread of cancer to lymph nodes | Metastatic disease | Not reported | All confirmed cancers |
| Males | | | | | | |
| 50 years | 1 | 0 | 0 | 0 | 1 | 2 |
| 55 years | 4 | 2 | 0 | 1 | 5 | 12 |
| 65 years | 5 | 2 | 0 | 0 | 22 | 29 |
| Total | 10 | 4 | 0 | 1 | 28 | 43 |
| Females | | | | | | |
| 50 years | 0 | 0 | 0 | 0 | 0 | 0 |
| 55 years | 1 | 2 | 1 | 0 | 6 | 10 |
| 65 years | 1 | 2 | 0 | 0 | 7 | 10 |
| Total | 2 | 4 | 1 | 0 | 13 | 20 |
| Persons | | | | | | |
| 50 years | 1 | 0 | 0 | 0 | 1 | 2 |
| 55 years | 5 | 4 | 1 | 1 | 11 | 22 |
| 65 years | 6 | 4 | 0 | 0 | 29 | 39 |
| Total | 12 | 8 | 1 | 1 | 41 | 63 |

Source: Histopathology Report form sections 4B and 4C.