

Public Health England  
Protecting and improving the nation's health

NHS  
England

## Middlesbrough Health Scrutiny Panel Cancer Screening

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23<sup>rd</sup> February 2016

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### CANCER SCREENING bowel, breast and cervical

Covering:  
The screening processes,  
Frequency of screens/invites  
How the programmes are run,  
How people are invited  
Follow-up of DNAs  
Access issues  
Coverage / uptake rates against targets and comparisons  
Discussion

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### Breast cancer screening



National Cancer Institute

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### Breast cancer screening

Disease	<ul style="list-style-type: none"> <li>• 4/5 Breast cancers in women &gt;50</li> <li>• C 12000 die from breast cancer each year</li> <li>• Most common cancer in UK</li> <li>• 4/100 screened called back for triple assessment</li> <li>• 1/100 screened diagnosed with cancer</li> <li>• 1 life saved for every 200 women screened (1300 lives saved UK)</li> <li>• 1/5 breast cancers non-invasive (may not have needed treatment) – 3 in 200 screens (4000 per year in UK)</li> </ul>
Target population(s)	<ul style="list-style-type: none"> <li>• Women aged 50-70</li> <li>• Extended age 47-49 and 71-73 randomised for 2 screening rounds</li> <li>• Self referral after 70</li> <li>• High Risk women</li> <li>• Some early recall to assessment</li> </ul>
Frequency	<ul style="list-style-type: none"> <li>• 3 yrs</li> <li>• Specific, more frequent regimes for High Risk women</li> </ul>
Screening Test (1)	<ul style="list-style-type: none"> <li>• Digital mammography</li> <li>• MRI for some High Risk women</li> </ul>
Referral path	<ul style="list-style-type: none"> <li>• Triple Assessment (Mammo, U/S, pathology) probable diagnosis</li> <li>• Open Biopsy / Surgical Treatment – diagnosis</li> </ul>
Resources	<a href="http://www.cancerscreening.nhs.uk">www.cancerscreening.nhs.uk</a>

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### Coverage at March 14

	Coverage
Middlesbrough	71.1 %
North East	77.9 %
England	70.7%

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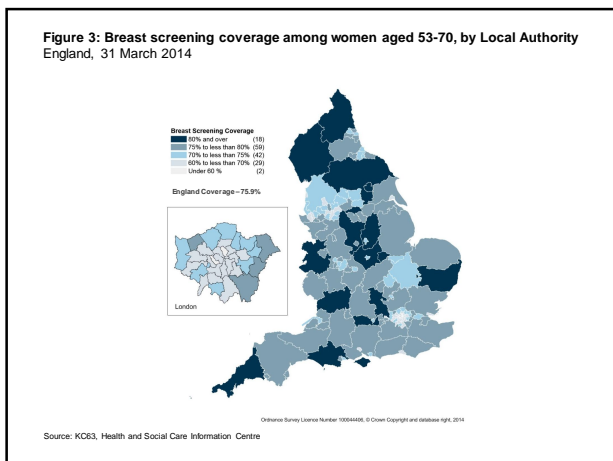
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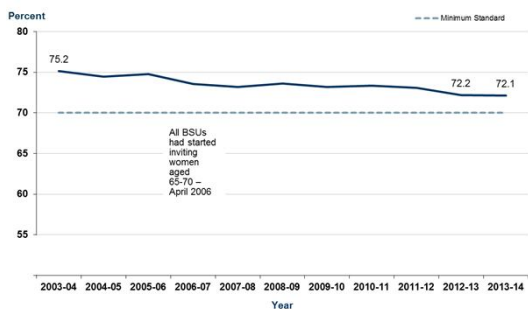
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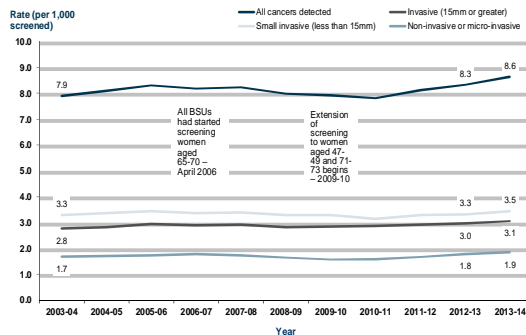
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**Figure 4: Uptake\* by women aged 50-70 of invitations to screen**  
England, 2003-04 to 2013-14



**Figure 9: Women aged 45 and over with cancer detected (rate per 1,000 women screened) by type/size**  
England, 2003-04 to 2013-14



### Cervical Screening

Disease	<ul style="list-style-type: none"> <li>Cell changes which may lead to cervical cancer</li> <li>HPV types 16 &amp; 18 found in 99% of cervical cancers</li> <li>11<sup>th</sup> most common cancer in UK</li> <li>Most common cancer in women under 35</li> <li>Mortality 2.8/100,000 in 2008 – 70% lower than 30 years previous</li> <li>Most deaths in over 70s, 7% in under 35s</li> <li>Screening saves 4500 lives / yr and prevents 3900 cancers / year</li> </ul>
Target population(s)	<ul style="list-style-type: none"> <li>Women 25 years to 64 years</li> </ul>
Frequency	<ul style="list-style-type: none"> <li>At age 25</li> <li>25-49 yrs 3 yearly</li> <li>50-64 5 yearly</li> <li>64 + only those not screened since 50 or recent abnormal tests</li> <li>Some surveillance</li> </ul>
Screening Test (1)	<ul style="list-style-type: none"> <li>Liquid based cytology &amp; HPV testing from same sample</li> </ul>
Referral path	<ul style="list-style-type: none"> <li>Colposcopy</li> </ul>
Resources	<a href="http://www.cancerscreening.nhs.uk">www.cancerscreening.nhs.uk</a>

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### Coverage at March 15

	Coverage
Middlesbrough	70.6%
North East	75.7%
England	73.5%

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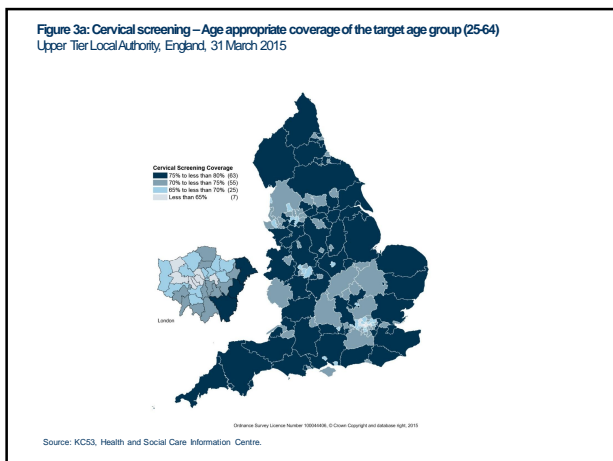
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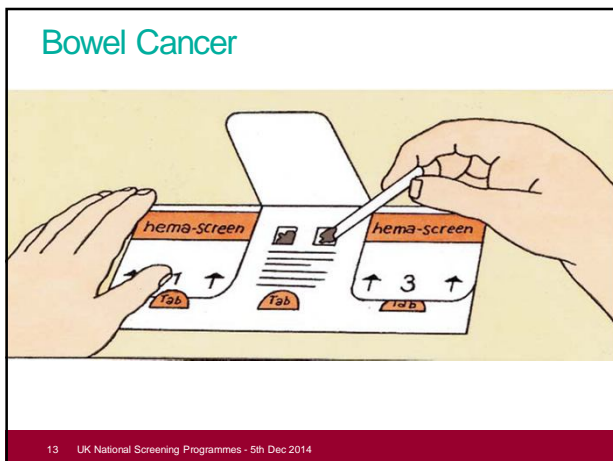
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### Bowel Cancer

Disease	<ul style="list-style-type: none"> <li>• C 37000 diagnoses of bowel cancer per year</li> <li>• 57.3 per 100,000 males, 37.6 per 100,000 females</li> <li>• 7,170 male deaths from bowel cancer and 5,993 female deaths in England. (20.9 per 100,000 (male) &amp; 12.8 per 100,000 (female))</li> <li>• Lifetime risk developing bowel cancer one in 15 men &amp; one in 19 women</li> <li>• Third most common cancer in UK</li> <li>• 4/5 people diagnosed are over 60</li> <li>• Expected to reduce bowel cancer deaths by 16%</li> </ul>
Target population(s)	<ul style="list-style-type: none"> <li>• 60-74</li> <li>• Self referral after 74</li> </ul>
Frequency	<ul style="list-style-type: none"> <li>• 2 years</li> </ul>
Screening Test	<ul style="list-style-type: none"> <li>• Faecal Occult Blood test (postal card)</li> </ul>
Referral path	<ul style="list-style-type: none"> <li>• Counselling &amp; offered colonoscopy</li> <li>• Colonoscopy remove polyps. MDT &amp; further treatment if cancer</li> </ul>
Resources	<a href="http://www.cancerscreening.nhs.uk">www.cancerscreening.nhs.uk</a>

14 UK National Screening Programmes - 5th Dec 2014

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### Coverage at Nov 14

	Coverage
South Tees	57.9%
North	57.2%
England	56.9%

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Features of uptake across all three screening programmes

- Significant variation by GP Practice
- Close association with areas of deprivation
- Lower uptake in BME communities
- Breast and cervical gradually declining
- Bowel increasing
- Younger and older ages lower uptake
- Bowel women higher than men

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Thank you

Questions / discussion ?

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