

Breast Screening Programme, England: 2002-03

This bulletin summarises information from the computerised call and recall system for breast cancer screening and from breast screening units in England in 2002-03, and includes some information about earlier years.

KEY FACTS

At 31 March 2003:

- 75.3% of women aged 53-64 resident in England had been screened at least once in the previous 3 years (75.9% at 31 March 2002).
- In 248 of the 304 Primary Care Organisations the coverage was 70% or higher (261 at 31 March 2002); coverage was lower than 60% in 20 Primary Care Organisations (14 at 31 March 2002).

In 2002-03:

- 75% of women aged 50-64 invited for screening were screened.
- 1.3 million women of all ages were screened within the programme.
- 9,849 cases of cancer were diagnosed in women of all ages screened.

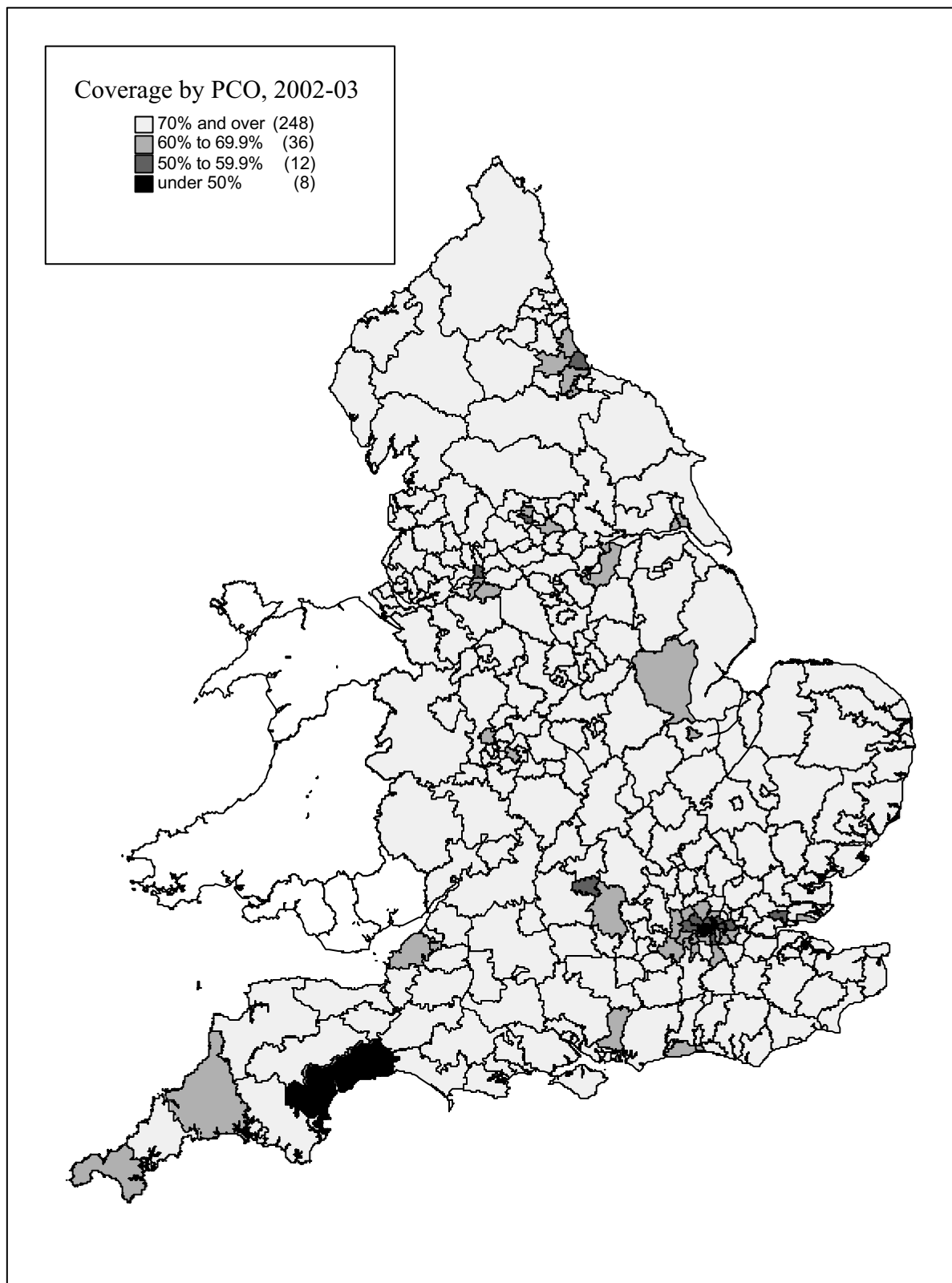
Contents	Page
Introduction	3
Analysis and Commentary	3
Definitions	5
Editorial notes	6
Index to tables	7
Reference Tables	8

Bulletin 2004/06
Published February 2004
Free of charge
ISBN 1 84182 824 6

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These National Statistics were prepared by the Government Statistical Service

Figure 1 Breast screening: Coverage of women aged 53-64, by Primary Care Organisation, England 2002-03



1 INTRODUCTION

1.1 The information in this publication, about the breast cancer screening programme in England, is collected on two Department of Health returns. Screening units report the process and outcomes of the call and recall system on return KC62; and Primary Care Organisations report the population coverage of the programme on return KC63.

1.2 This is the 9th bulletin to be published on breast cancer screening including data from both the KC62 and KC63 returns. Annual summaries of information from the KC62 were produced from 1988-89 to 1993-94.

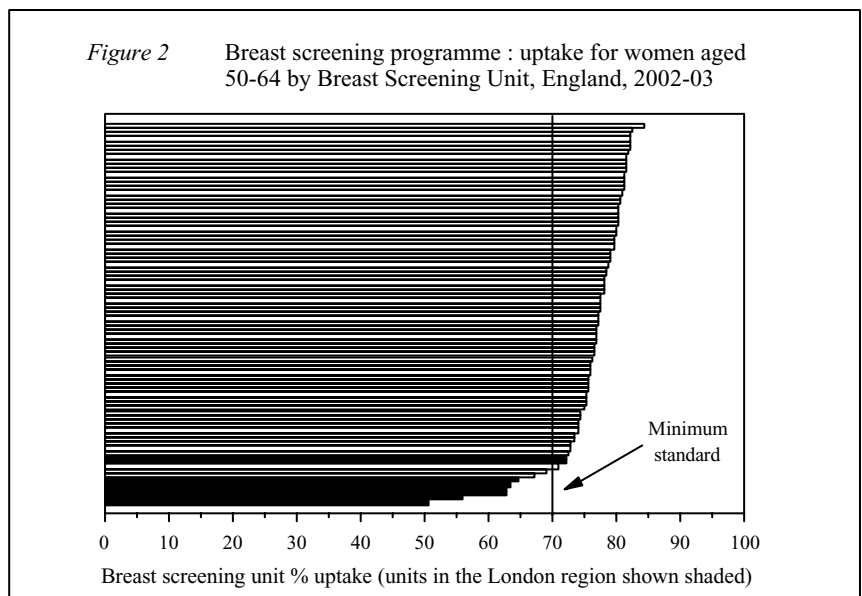
1.3 KC63 returns were received for all of the 304 Primary Care Organisations (PCOs). KC62 returns were received from all 85 screening units.

1.4 To reflect the restructured organisation of the NHS, key tables of coverage and results of screening are presented by Government Office Region and Strategic Health Authority. Tables of coverage by the 304 Primary Care Organisations (PCOs) replace the former Health Authorities data.

2 ANALYSIS AND COMMENTARY

2.1 Overview (Table 1)

2.1.1 About 1.5 million women aged 50-64 were invited for screening in 2002-



03, 23% more than in 1994-95. Over the same period, the increase in the population of women in this age group was about 15%. Uptake for this age group has fluctuated between 77% and 75% with the figures showing a gradual decline since 1994-95. Cancer was detected through the screening programme in just under 8,000 women aged 50-64 in 2002-03, about 60% more than in 1994-95.

2.2 Coverage (Tables 2 & 11)

2.2.1 Coverage of the screening programme is best assessed using the 53-64 age group as women may be first called at any time between their 50th and 53rd birthdays. The reported coverage by the screening programme at 31 March 2003 of women aged 53-64 was 75.3%. Coverage was substantially lower in London (64%) than in other regions, where the coverage was in the range 73% - 80%. At PCO level, over four

fifths of PCOs (248 out of 304) reported coverage higher than 70% and just over one eighth (36) reported coverage between 60% and 70%. In only 8 of the 304 PCOs was coverage below 50%; 4 of these were in the London region and 4 in the South West region (Figure 1).

2.3 Uptake of invitations for screening (Tables 3, 4, 5, 12 & 13)

2.3.1 Over 1.5 million women aged 50-64 were invited for screening in 2002-03. For about 19% this was their first ever invitation; for about 12% it was a second or subsequent invitation to women who had not previously attended for screening and for about 63% it was a routine recall. About 0.2% of invitations were early recalls, women whose previous screening outcome had indicated that monitoring more frequently than the routine 3-year screening interval was desirable.

2.3.2 Overall, 74.9% of women aged 50-64 invited in 2002-03 were screened. Of the 85 screening units, 24 recorded uptake rates of 80% or over and a further 53 recorded rates between 70% and 80%. Uptake rates below 70% were recorded by 8 units, 6 of which were in the London region (Figure 2).

2.3.3 Uptake rates varied considerably according to the type of invitation. About 71% of women receiving their first invitation in 2002-03 were screened; and about 88% of women who had already been screened in a previous round and received a routine invitation to be screened again were screened. Of women who received a routine invitation, having failed to respond to a previous invitation, as many as 21% responded and were screened.

2.4 Outcome of screening (Tables 6 & 7)

2.4.1 Over 1.3 million women were screened in 2002-03. The vast majority were women aged 50-64 screened following an invitation. In addition, some 117,000 women of all ages were screened following self-referral or referral by a GP. Of the total number screened, about 3% were aged between 45 and 49 and a further 11% were aged 65 or over.

2.4.2 Of all the women screened, 5% were referred for assessment; the rates for women attending for the first time (in the prevalent round)

and those attending who had been previously screened (in the incident round) were markedly different. About 8.4% of women in the prevalent round were referred for assessment, compared with only 4.0% of women in the incident round. For women in the prevalent round who were referred, about 1 in 3 underwent cytology and/or core biopsy and about 1 in 25 were referred for open biopsy; early recall was recommended for about 1 in 20 women referred for assessment. For women referred from the incident round, about a third underwent cytology and/or core biopsy and about 1 in 30 were referred for open biopsy; early recall was also recommended for about 1 in 30 women referred for assessment. Of women screened and referred for assessment following a previous recommendation for early recall, 5% were again recommended for early recall.

2.5 Cancers detected (Tables 8, 9 & 10)

2.5.1 A total of 9,849 cancers from women of all ages (including invasive and in situ) were detected by the screening programme in 2002-03, a rate of 7.3 per 1,000 women screened. The overall rate was markedly higher than that in 2001-02 (6.7); it is thought that this increased detection rate is a consequence of the introduction of two-view mammography. In the incident round the rate increased from 5.9 to 6.4 cases per 1000 women screened, and in the prevalent round the rate increased from 6.6 to 6.9. It is known that the incidence of breast cancer rises with age and this pattern was observed with cancers detected by the screening programme. The detection rate was 5.0 per 1,000 for women aged 45-49, rising to 11.1 per 1,000 women aged 65-70 (Figure 3).

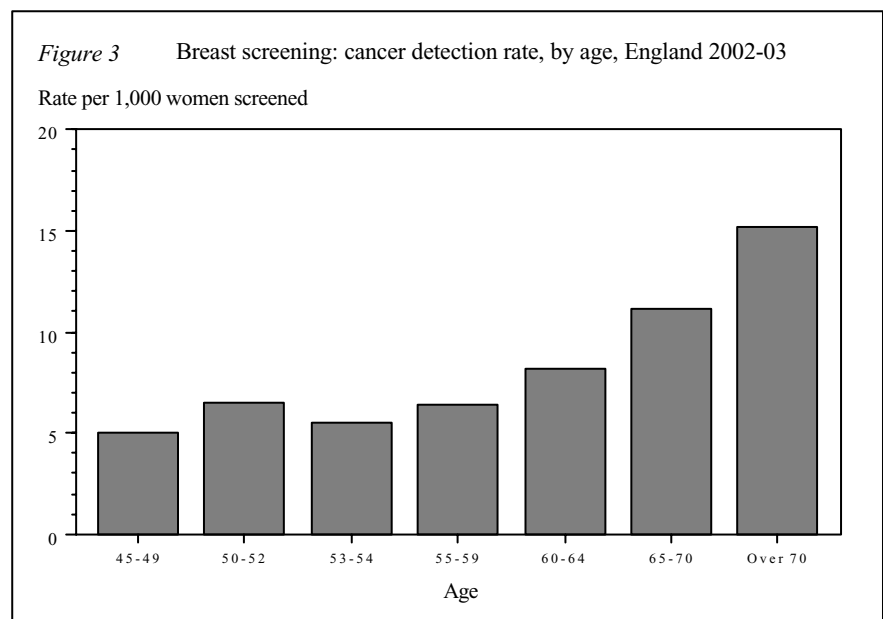


Table A

Breast screening programme : cancer detection rate by age and type of invitation, 2002-03

England		rate per 1000 women screened					
Type of invitation	All ages 45 & over	45-49	50-54	55-59	60-64	65-70	Over 70
Total	7	5	6	6	8	11	15
1st invitation for routine screening	7	6	7	7	10	(15)	(158)
Routine invitation to previous non-attenders	11	.	9	11	17	(25)	(0)
Routine invitation to previous attenders (Last screen within 5 years)	6	1	5	6	8	9	(20)
Routine invitation to previous attenders (Last screen more than 5 years previously)	11	.	5	9	11	16	(5)
Early recalls	27	.	(16)	(31)	(34)	(67)	(36)
Self / GP referral (no previous screen)	12	(10)	7	12	(11)	(13)	23
Self / GP referral (within 5 yrs)	10	.	6	7	11	10	11
Self / GP referral (> 5 yrs)	17	.	(20)	(3)	(12)	14	22

Rates shown in brackets are based on fewer than 2000 women screened

Source : Form KC62

A small number of women recorded in these categories may have been participating in trial schemes

2.5.2 The cancer detection rate varied by type of invitation as well as by age. The quite different age structure of women in the different invitation type groups makes direct comparison difficult. As in previous years the detection rate was high for women screened after early recall, regardless of age. In general where the number of cases was sufficiently large for analysis, detection rates in the incident round for women having their second or subsequent routine screen (within 5 years of a previous screen) were the lowest and the detection rates for previous non-attenders were the highest (Table A).

2.5.3 Of all the cancers detected 2,077 (21%) were non-invasive or micro-invasive and a further 4,158 (42%) were invasive, but

small i.e. less than 15mm. The distribution of cancers by size was broadly similar for prevalent and incident screening rounds. The proportion of non-invasive and micro-invasive was lowest in the incident round, at 20%, compared with 28% in the prevalent round and 38% for women screened after early recall. Small cancers accounted for about half of all invasive cancers found in the prevalent and incident rounds and for about 70% of those found after early recall screening.

2.6 Selected Diagnostic and outcome statistics (Table 14)

2.6.1 As in the previous bulletin, data are presented giving information about the diagnostic process and outcomes of each local screening programme. The

screening programmes vary enormously in size, with the smallest screening under 5,000 women per year and the largest over 30,000. Rates for smaller units, particularly for the prevalent round, which accounts for only one quarter of women screened, are often based on very small numbers of cases. Such rates may be subject to considerable fluctuation from year to year and caution should be exercised in interpreting some of the data.

3 DEFINITIONS

3.1 The *coverage* of the screening programme is the proportion of women resident (excluding those ineligible eg those who have had a bilateral mastectomy) who have had a test with a recorded result at least once in the previous 3 years.

3.2 The *uptake* of the screening programme is the proportion of women invited for screening for whom a screening test result is recorded.

3.3 *Prevalent* screening is that of women being screened for the first time within the breast screening programme.

3.4 *Incident* screening is that of women previously screened within the breast screening programme.

3.5 The breast screening programme covers women aged 50-64 as routine, but by December 2004 should

also include women up to the age of 70. At present women aged 65 and over are screened on request. The data include also some women aged 45-49.

The vast majority of these are women aged 49 who have been called for their first routine screening a few months early, but some are participating in the trial for screening women under 50.

4 EDITORIAL NOTES

Press enquiries should be made to:

Press Office
Department of Health
Richmond House
79 Whitehall
London,
SW1A 2NS

Tel: 020 7210 5221

Enquiries about data in this bulletin should be addressed to:

Lesz Lancucki
Statistics Division 3G
Department of Health
Room 438B
Skipton House
80 London Road
London,
SE1 6LH

Tel: 020 7972 5533
Fax: 020 7972 5662

E-mail:
Lesz.lancucki@doh.gsi.gov.uk

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Further copies of this bulletin can be obtained from:

Department of Health
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Editorial team:

Lesz Lancucki
Diane Sheerman-Chase

February 2004

INDEX TO TABLES

Table number	Description	Page number
Table 1	Summary statistics on breast cancer and the NHS Breast Screening Programme 1993-2003	8
Table 2	Test status and coverage of women by age, 31 March 2003	9
Table 2a	Test status and coverage of women aged 53-64 by Government Office Region, 31 March 2003	9
Table 2b	Test status and coverage of women aged 53-64 by Strategic Health Authority, 31 March 2003	10
Table 3	Estimated uptake of invitations to screen by women aged 50-64 by Government Office Region, 1998-99 to 2002-03	11
Table 3a	Estimated uptake of invitations to screen by women aged 50-64 by type of invitation and region, 2002-03	11
Table 4	Number of women invited and estimated uptake of invitations to screen by age and type of invitation, 2002-03	12
Table 5	Number of women screened by age and type of invitation, 2002-03	12
Table 6	Women aged 45 and over screened by type of invitation and outcome, 2002-03	13
Table 6a	Women aged 50-64 screened by type of invitation and outcome, 2002-03	13
Table 7	Women screened by age, Government Office Region and outcome, 2002-03	14
Table 7a	Women screened by age and outcome, 2002-03	14
Table 7b	Women aged 50-64 screened by Strategic Health Authority and outcome, 2002-03	15
Table 8	Women aged 45 and over screened and cancers detected by type of invitation, 2002-03	16
Table 8a	Women aged 50-64 screened and cancers detected by type of invitation, 2002-03	16
Table 9	Women screened and cancers detected by age and Government Office Region, 2002-03	17
Table 9a	Women screened and cancers detected by age, 2002-03	17
Table 9b	Women aged 50-64 screened and cancers detected by Strategic Health Authority, 2002-03	18
Table 10	Women aged 45 and over, with cancer diagnosed, by size of cancer and age, 2002-03	19
Table 10a	Women aged 50-64, with cancer diagnosed, by invitation type and size of cancer, 2002-03	20
Table 11	Coverage of women aged 53-64 by Primary Care Organisation at 31 March, 2002 and 2003	21
Table 12	Estimated uptake by women aged 50-64 of invitations to screen, by unit, 1995-96 to 2002-03	26
Table 13	Estimated uptake of invitations to screen, by women aged 50-64 by type of invitation and unit, 2002-03	28
Table 14	Selected diagnostic and outcome statistics for women aged 50-64 by unit, 2002-03	30

Table 1 Summary statistics on breast cancer and the NHS breast screening programme, 1993 to 2003

England

	units	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Breast Screening programme data												
Coverage ⁽¹⁾												
Women aged 50-64	%	-	-	63.9	65.4	65.6	66.4	67.7	69.3	70.2	69.8	69.3
Women aged 53-64	%	-	-	-	-	-	-	-	-	-	75.9	75.3
Women aged 65-70	%	-	-	-	-	-	-	-	-	-	31.7	34.5
Uptake ⁽²⁾												
Women aged 50-64	%	71.8	72.1	77.4	76.2	75.5	75.4	76.2	75.6	75.3	75.6	74.9
Women aged 65-70	%	-	-	-	-	-	-	-	-	-	72.5	69.2
Invitations and outcomes ⁽²⁾												
Women invited (50-64)	millions	-	-	1.23	1.25	1.30	1.37	1.40	1.52	1.48	1.45	1.51
Women invited (65-70)	millions	-	-	-	-	-	-	-	-	-	-	0.09
Women screened (50-64)	millions	0.94	0.96	0.98	0.98	1.01	1.06	1.10	1.18	1.15	1.12	1.16
Women screened (65-70)	millions	-	-	-	-	-	-	-	-	-	-	0.12
Women screened (all ages)	millions	-	-	1.04	1.06	1.11	1.18	1.23	1.32	1.30	1.27	1.35
Women referred for assessment (50-64)	thousands	61.1	49.1	-	46.8	50.6	56.1	58.5	61.8	60.2	59.4	59.7
Women referred for assessment (65-70)	thousands	-	-	-	-	-	-	-	-	-	-	5.5
Women referred for assessment (all ages)	thousands	-	-	52.9	52.0	57.0	63.5	66.2	69.9	68.4	67.9	69.6
Women with cancer detected (50-64)	thousands	5.3	4.9	4.9	4.9	5.3	5.9	6.4	7.0	7.0	7.1	7.9
Women with cancer detected (65-70)	thousands	-	-	-	-	-	-	-	-	-	-	1.3
Women with cancer detected (all ages)	thousands	-	-	5.4	5.6	6.2	6.9	7.6	8.2	8.3	8.5	9.8
Breast Cancer registration data ⁽³⁾												
Registrations in women aged 50-64	thousands	9.6	9.6	9.8	10.0	10.8	11.6	12.5	12.4	-	-	-
Registrations in women of all ages	thousands	28.6	29.5	29.9	30.4	31.4	32.9	34.2	33.8	-	-	-
Registrations per 100,000 pop ⁿ (50-64)	rate	255	253	256	258	269	282	297	289	-	-	-
Registrations per 100,000 pop ⁿ (all ages)	rate	101	104	104	105	108	113	116	114	-	-	-
Breast Cancer mortality data ⁽³⁾												
Deaths (50-64)	thousands	3.1	3.0	3.0	2.8	2.8	2.9	2.8	2.8	2.7	2.7	-
Deaths (all ages)	thousands	12.2	12.0	11.8	11.4	11.2	11.0	10.9	10.6	10.8	10.8	-
Deaths per 100,000 pop ⁿ (50-64)	rate	80	78	77	71	70	69	66	65	62	60	-
Deaths per 100,000 pop ⁿ (all ages)	rate	37	37	36	34	33	33	32	31	31	30	-

⁽¹⁾ Source: Form KC63; data are as at 31 March

⁽²⁾ Source: Form KC62; data are for 12 months ending 31 March

⁽³⁾ Source: National Cancer Intelligence Centre, ONS; data are for year commencing 1 January
Registration and death rates are Directly Age Standardised Rates using the European Standard Population (DAS(E))

- Information not available

Table 2 Breast screening programme : test status and coverage of women by age, 31 March 2003

England							thousands
Age at test	Number of women resident	Number ineligible	Women never screened		Number of women less than 3 years since last test	Coverage (less than 3 years since last test) (%)	
			number	%			
50-64	4,459.4	2.9	951.6	21.3	3,087.6	69.3	
53-64	3,522.6	2.6	462.2	13.1	2,649.8	75.3	
65-70	1,359.4	0.9	185.7	13.7	468.7	34.5	
45-49	1,640.8	0.0	1,603.7	97.7	27.1	1.7	
50-52	936.9	0.3	489.5	52.2	437.8	46.7	
53-54	660.0	0.4	123.2	18.7	495.4	75.1	
55-59	1,614.8	1.2	204.1	12.6	1,222.2	75.7	
60-64	1,247.8	1.1	134.9	10.8	932.2	74.8	
65-69	1,143.2	0.8	149.5	13.1	431.5	37.8	
70	216.2	0.1	36.2	16.7	37.2	17.2	
71-74	849.4	0.2	200.9	23.7	73.0	8.6	
75 and over	2,395.7	0.1	2,089.3	87.2	31.7	1.3	

Source : Form KC63

Table 2a Breast screening programme : test status and coverage of women aged 53-64 by region, 31 March 2003

thousands						
Government Office Region	Number of women resident	Number ineligible	Women never screened		Number of women less than 3 years since last test	Coverage (less than 3 years since last test) (%)
			number	%		
England	3,522.6	2.6	462.2	13.1	2,649.8	75.3
North East	182.9	0.2	20.4	11.1	140.8	77.0
North West	492.0	0.3	63.6	12.9	374.4	76.1
Yorkshire & Humber	357.0	0.4	44.6	12.5	274.1	76.9
East Midlands	304.0	0.2	29.3	9.6	242.5	79.8
West Midlands	381.0	0.2	47.2	12.4	298.1	78.3
East of England	402.3	0.3	48.4	12.0	311.8	77.6
London	427.7	0.2	95.2	22.3	274.9	64.3
South East	587.0	0.5	69.8	11.9	448.5	76.5
South West	388.6	0.3	43.7	11.3	284.7	73.3

Source : Form KC63

Table 2b Breast screening programme : test status and coverage of women aged 53-64 by Strategic Health Authority, 31 March 2003

Strategic Health Authority	thousands					
	Number of women resident	Number ineligible	Women never screened		Number of women less than 3 years since last test	Coverage (less than 3 years since last test) (%)
			number	%		
England	3,522.6	2.6	462.2	13.1	2,649.8	75.3
County Durham & Tees Valley	83.4	0.0	10.1	12.1	60.9	73.0
Northumberland, Tyne & Wear	99.5	0.1	10.3	10.4	79.9	80.4
Cheshire & Merseyside	172.7	0.1	21.8	12.6	133.3	77.2
Cumbria & Lancashire	144.0	0.1	16.9	11.8	114.2	79.4
Greater Manchester	175.3	0.1	24.8	14.1	126.9	72.4
North & East Yorkshire & Northern Lincolnshire	125.3	0.2	14.1	11.2	98.8	78.9
South Yorkshire	90.9	0.1	9.8	10.8	70.9	78.1
West Yorkshire	140.8	0.2	20.7	14.7	104.4	74.3
Leicestershire, Northamptonshire & Rutland	105.3	0.1	11.0	10.4	85.7	81.4
Trent	198.7	0.2	18.3	9.2	156.8	79.0
Birmingham and the Black Country	151.2	0.1	22.9	15.1	112.1	74.1
Coventry, Warwickshire, Hereford & Worcs.	115.5	0.1	11.7	10.1	94.7	82.0
Shropshire & Staffordshire	114.3	0.1	12.7	11.1	91.3	80.0
Bedfordshire & Hertfordshire	111.8	0.1	14.6	13.1	86.8	77.7
Essex	121.8	0.1	15.5	12.8	92.3	75.8
Norfolk, Suffolk & Cambridgeshire	168.7	0.1	18.2	10.8	132.7	78.7
North Central London	71.3	0.0	17.4	24.4	44.5	62.4
North East London	83.5	0.0	17.0	20.4	56.6	67.7
North West London	106.8	0.1	27.9	26.1	60.0	56.2
South East London	88.0	0.0	17.4	19.7	61.4	69.8
South West London	78.1	0.0	15.6	20.0	52.4	67.1
Hampshire & Isle of Wight	130.4	0.1	14.9	11.4	98.6	75.7
Kent & Medway	120.5	0.1	14.8	12.3	93.6	77.7
Surrey & Sussex	191.2	0.2	24.5	12.8	144.2	75.5
Thames Valley	144.9	0.1	15.7	10.8	112.1	77.4
Avon, Gloucestershire & Wiltshire	157.6	0.1	18.1	11.5	121.7	77.3
Somerset & Dorset	97.0	0.1	10.0	10.3	77.9	80.3
South West Peninsula	134.0	0.1	15.7	11.7	85.2	63.6

Source : Form KC63

Table 3 Breast screening programme : estimated uptake of invitations to screen ⁽¹⁾
by women aged 50-64 by region, 1998-99 to 2002-03

Government Office Region	percentages				
	1998-99	1999-2000	2000-01	2001-02	2002-03
England	76.2	75.6	75.3	75.6	74.9
North East	80	81	79	79	79
North West	77	75	75	76	75
Yorkshire & Humber	77	77	79	76	77
East Midlands	81	81	81	82	81
West Midlands	77	77	77	77	77
East of England	77	77	76	77	77
London	63	62	62	63	61
South East	79	77	77	77	77
South West	79	78	78	78	77

⁽¹⁾ First invitations, routine invitations and early recall invitations

Source : Form KC62

Table 3a Breast screening programme : estimated uptake of invitations to screen
by women aged 50-64 by type of invitation and region, 2002-03

Government Office Region	percentage							
	Invitation type					Invitation type grouping		
	First invitation for screening	Routine invitation (previous non-attender)	Routine invitation (within 5 yrs)	Routine invitation (more than 5 yrs)	Early recall invitations	First & routine invitation (within 5 yrs)	First & all routine invitations	First, ⁽¹⁾ routine and early recall invitations
England	71.2	20.6	88.4	50.4	98.5	84.3	74.9	74.9
North East	77.9	17.9	89.4	46.0	98.6	86.5	78.5	78.5
North West	72.4	20.4	88.8	51.5	99.0	85.1	75.3	75.4
Yorkshire & Humber	74.4	20.5	89.7	45.1	99.3	86.4	76.5	76.6
East Midlands	77.8	20.4	90.7	46.5	98.1	87.9	80.5	80.6
West Midlands	74.1	19.7	89.2	50.0	100.0	86.0	76.9	76.9
East of England	73.9	21.3	89.2	57.7	98.4	85.7	77.0	77.1
London	56.8	17.4	81.4	41.8	98.0	73.8	61.3	61.4
South East	72.2	25.8	88.9	50.7	98.2	85.2	76.8	76.8
South West	74.6	21.9	88.9	58.3	97.6	85.7	77.3	77.3

⁽¹⁾ This is the grouping used in Table 3 above

Source : Form KC62

Table 4 Breast screening programme : number of women invited and estimated uptake of invitations to screen, by age and type of invitation, 2002-03

England

Type of Invitation	All ages 45 & over	Age Group 50-64	Age						
			45-49	50-52	53-54	55-59	60-64	65-70	Over 70
Numbers									
Total number of women invited	1,651,421	1,512,995	51,484	323,231	233,752	544,821	411,191	86,452	490
1st invitation for routine screening	333,554	292,776	39,293	264,559	10,070	10,835	7,312	1,451	34
Routine invitation to previous non-attenders	187,491	174,446	1,904	13,083	45,021	71,823	44,519	11,069	72
Routine invitation to previous attenders (Last screen within 5 years)	1,007,680	948,950	9,382	42,391	174,401	418,787	313,371	49,285	63
Routine invitation to previous attenders (Last screen more than 5 years previously)	119,852	94,313	870	2,319	3,815	42,691	45,488	24,434	235
Early recalls	2,844	2,510	35	879	445	685	501	213	86
Uptake (percentage screened of women invited)									
Total	74.5	74.9	72.1	74.8	74.4	75.7	74.2	69.2	74.9
1st invitation for routine screening	71.4	71.2	74.0	74.8	46.9	34.7	31.4	27.7	55.9
Routine invitation to previous non-attenders	19.8	20.6	9.5	36.4	30.8	17.9	10.1	8.3	45.8
Routine invitation to previous attenders (Last screen within 5 years)	88.2	88.4	80.2	86.5	87.3	88.8	88.6	87.1	77.8
Routine invitation to previous attenders (Last screen more than 5 years previously)	52.9	50.4	34.0	71.9	66.2	53.9	44.6	63.0	77.9
Early recalls	98.4	98.5	97.1	98.6	97.5	98.7	98.8	98.1	96.5

Source : Form KC62

Table 5 Breast screening programme : number of women screened by age and type of invitation, 2002-03

England

thousands

Type of invitation	All ages 45 & over screened	Age Group 50-64 screened	Age						
			45-49	50-52	53-54	55-59	60-64	65-70	Over 70
Total	1,347.4	1,161.2	37.4	246.7	178.3	422.0	314.2	120.7	28.0
1st invitation for routine screening	238.1	208.6	29.1	197.8	4.7	3.8	2.3	0.4	0.0
Routine invitation to previous non-attenders	37.1	36.0	0.2	4.8	13.9	12.9	4.5	0.9	0.0
Routine invitation to previous attenders (Last screen within 5 years)	889.2	838.7	7.5	36.7	152.3	372.0	277.7	42.9	0.0
Routine invitation to previous attenders (Last screen more than 5 years previously)	63.4	47.5	0.3	1.7	2.5	23.0	20.3	15.4	0.2
Early recalls	2.8	2.5	0.0	0.9	0.4	0.7	0.5	0.2	0.1
Self / GP referral (no previous screen)	15.7	10.4	0.1	4.4	2.0	2.5	1.5	2.0	3.2
Self / GP referral (within 5 yrs)	83.1	15.8	0.2	0.5	2.4	6.4	6.6	50.1	17.1
Self / GP referral (> 5 yrs)	17.9	1.7	0.0	0.0	0.0	0.8	0.9	8.8	7.4

Source : Form KC62

Table 6 Breast screening programme : women aged 45 and over screened by type of invitation and outcome, 2002-03

England

Type of invitation	Number of women screened	Referred ⁽¹⁾ for assessment		Referred ⁽²⁾ for cytology and/or core biopsy (number)	Referred for open biopsy (number)	Early Recall ⁽³⁾	
		(number)	%			(number)	%
Total	1,347,378	69,566	5.2	23,195	2,553	2,671	0.2
1st invitation for routine screening	238,077	20,104	8.4	7,120	813	947	0.4
Routine invitation to previous non-attenders	37,132	3,133	8.4	1,238	122	147	0.4
Routine invitation to previous attenders (Last screen within 5 years)	889,212	34,346	3.9	10,903	1,173	1,106	0.1
Routine invitation to previous attenders (Last screen more than 5 years previously)	63,372	3,378	5.3	1,286	146	115	0.2
Early recalls	2,798	2,523	90.2	288	70	133	4.8
Self / GP referral (no previous screen)	15,714	1,203	7.7	452	45	42	0.3
Self / GP referral (within 5 yrs)	83,149	3,666	4.4	1,404	137	128	0.2
Self / GP referral (> 5 yrs)	17,924	1,213	6.8	504	47	53	0.3

(1) Including women referred for cytology, core biopsy or open biopsy

Source : Form KC62

(2) Including women referred for open biopsy

(3) Including all women whose final outcome was early recall, whether after initial screen, assessment, cytology or biopsy (core or open)

Table 6a Breast screening programme : women aged 50-64 screened by type of invitation and outcome, 2002-03

England

Type of invitation	Number of women screened	Referred ⁽¹⁾ for assessment		Referred ⁽²⁾ for cytology and/or core biopsy (number)	Referred for open biopsy (number)	Early Recall ⁽³⁾	
		(number)	%			(number)	%
Total	1,161,208	59,688	5.1	19,378	2,185	2,286	0.2
1st invitation for routine screening	208,583	17,690	8.5	6,272	723	835	0.4
Routine invitation to previous non-attenders	35,995	3,042	8.5	1,191	117	144	0.4
Routine invitation to previous attenders (Last screen within 5 years)	838,732	32,559	3.9	10,232	1,108	1,045	0.1
Routine invitation to previous attenders (Last screen more than 5 years previously)	47,511	2,559	5.4	899	106	89	0.2
Early recalls	2,472	2,234	90.4	246	61	121	4.9
Self / GP referral (no previous screen)	10,399	786	7.6	266	37	24	0.2
Self / GP referral (within 5 yrs)	15,827	718	4.5	242	29	25	0.2
Self / GP referral (> 5 yrs)	1,689	100	5.9	30	4	3	0.2

(1) Including women referred for cytology, core biopsy or open biopsy

Source : Form KC62

(2) Including women referred for open biopsy

(3) Including all women whose final outcome was early recall, whether after initial screen, assessment, cytology or biopsy (core or open)

Table 7 Breast screening programme : women screened by age, region and outcome, 2002-03

England

Age	Government Office Region	Number of women screened	Referred ⁽¹⁾ for assessment		Referred ⁽²⁾ for cytology and/or core biopsy (number)	Referred for open biopsy (number)	Early Recall ⁽³⁾	
			(number)	%			(number)	%
45 & over	England	1,347,378	69,566	5.2	23,195	2,553	2,671	0.2
	North East	67,126	3,071	4.6	1,177	145	107	0.2
	North West	190,004	11,071	5.8	3,382	410	481	0.3
	Yorkshire & Humber	135,233	6,053	4.5	2,390	216	209	0.2
	East Midlands	123,655	5,921	4.8	2,131	182	141	0.1
	West Midlands	149,252	6,621	4.4	2,224	278	146	0.1
	East of England	163,412	8,736	5.3	3,106	351	378	0.2
	London	155,274	8,345	5.4	2,788	314	363	0.2
	South East	232,599	12,289	5.3	3,714	402	517	0.2
	South West	130,823	7,459	5.7	2,283	255	329	0.3
50-64	England	1,161,208	59,688	5.1	19,378	2,185	2,286	0.2
	North East	59,048	2,693	4.6	1,027	124	95	0.2
	North West	161,775	9,396	5.8	2,770	344	408	0.3
	Yorkshire & Humber	115,446	5,116	4.4	1,991	185	177	0.2
	East Midlands	105,953	5,110	4.8	1,790	163	128	0.1
	West Midlands	128,774	5,651	4.4	1,822	239	125	0.1
	East of England	141,342	7,500	5.3	2,594	292	331	0.2
	London	135,213	7,247	5.4	2,380	284	322	0.2
	South East	201,786	10,633	5.3	3,127	342	433	0.2
	South West	111,871	6,342	5.7	1,877	212	267	0.2

⁽¹⁾ Including women subsequently referred for cytology, core biopsy or open biopsy

Source : Form KC62

⁽²⁾ Including women subsequently referred for open biopsy

⁽³⁾ Including all women whose final outcome was early recall, whether after initial screen, assessment, cytology or biopsy (core or open)

Table 7a Breast screening programme : women screened by age and outcome, 2002-03

England

Age	Number of women screened	Referred ⁽¹⁾ for assessment		Referred ⁽²⁾ for cytology and/or core biopsy (number)	Referred for open biopsy (number)	Early Recall ⁽³⁾	
		(number)	%			(number)	%
Total	1,347,378	69,566	5.2	23,195	2,553	2,671	0.2
50-64	1,161,208	59,688	5.1	19,378	2,185	2,286	0.2
45-49	37,421	2,681	7.2	882	96	116	0.3
50-52	246,727	19,941	8.1	6,719	797	908	0.4
53-54	178,254	8,577	4.8	2,413	273	292	0.2
55-59	422,019	18,098	4.3	5,654	619	635	0.2
60-64	314,208	13,072	4.2	4,592	496	451	0.1
65-70	120,703	5,543	4.6	2,243	215	201	0.2
Over 70	28,046	1,654	5.9	692	57	68	0.2

⁽¹⁾ Including women subsequently referred for cytology, core biopsy or open biopsy

Source : Form KC62

⁽²⁾ Including women subsequently referred for open biopsy

⁽³⁾ Including all women whose final outcome was early recall, whether after initial screen, assessment, cytology or biopsy (core or open)

Table 7b Breast screening programme : women aged 50-64 screened by Strategic Health Authority and outcome, 2002-03

England

Strategic Health Authority	Number of women screened	Referred ⁽¹⁾ for assessment		Referred ⁽²⁾ for cytology and/or core biopsy (number)	Referred for open biopsy (number)	Early Recall ⁽³⁾	
		(number)	%			(number)	%
England	1,161,208	59,688	5.1	19,378	2,185	2,286	0.2
County Durham & Tees Valley	17,631	843	4.8	364	40	58	0.3
Northumberland, Tyne & Wear	41,417	1,850	4.5	663	84	37	0.1
Cheshire & Merseyside	59,022	4,174	7.1	1,181	110	226	0.4
Cumbria & Lancashire	41,517	1,688	4.1	429	96	81	0.2
Greater Manchester	61,236	3,534	5.8	1,160	138	101	0.2
North & East Yorkshire & Northern Lincolnshire	40,502	1,318	3.3	600	44	40	0.1
South Yorkshire	29,937	1,576	5.3	555	60	21	0.1
West Yorkshire	45,007	2,222	4.9	836	81	116	0.3
Leicestershire, Northamptonshire & Rutland	40,437	2,103	5.2	577	48	64	0.2
Trent	65,516	3,007	4.6	1,213	115	64	0.1
Birmingham and the Black Country	41,451	2,255	5.4	599	75	55	0.1
Coventry, Warwickshire, Hereford & Worcs.	45,360	1,612	3.6	579	78	50	0.1
Shropshire & Staffordshire	41,963	1,784	4.3	644	86	20	0.0
Bedfordshire & Hertfordshire	29,258	1,143	3.9	621	51	19	0.1
Essex	46,328	2,587	5.6	733	104	221	0.5
Norfolk, Suffolk & Cambridgeshire	65,756	3,770	5.7	1,240	137	91	0.1
North Central London	28,407	1,277	4.5	506	50	5	0.0
North East London	25,476	1,336	5.2	445	49	39	0.2
North West London	29,256	2,033	6.9	479	89	49	0.2
South East London	25,927	1,238	4.8	398	40	31	0.1
South West London	26,147	1,363	5.2	552	56	198	0.8
Hampshire & Isle of Wight	44,058	2,369	5.4	653	78	66	0.1
Kent & Medway	36,689	2,188	6.0	641	63	59	0.2
Surrey & Sussex	68,016	3,222	4.7	1,059	114	166	0.2
Thames Valley	53,023	2,854	5.4	774	87	142	0.3
Avon, Gloucestershire & Wiltshire	48,270	2,128	4.4	685	89	127	0.3
Somerset & Dorset	31,259	2,058	6.6	604	45	80	0.3
South West Peninsula	32,342	2,156	6.7	588	78	60	0.2

(1) Including women subsequently referred for cytology, core biopsy or open biopsy

Source : Form KC62

(2) Including women subsequently referred for open biopsy

(3) Including all women whose final outcome was early recall, whether after initial screen, assessment, cytology or biopsy (core or open)

Table 8 Breast screening programme : women aged 45 and over screened and cancers detected by type of invitation, 2002-03

England

Type of invitation	Cancers detected						
	Number of women screened (thousands)	Number			Rate per 1,000 women screened		
		Total number of women with cancer	Non - invasive or micro - invasive	Small (<15mm)	Total	Non - invasive or micro - invasive	Small (<15mm)
Total	1,347.4	9,849	2,077	4,158	7.3	1.5	3.1
1st invitation	238.1	1,646	453	602	6.9	1.9	2.5
1st screen - previous non responder	37.1	417	76	166	11.2	2.0	4.5
Routine rescreen (within 5 yrs)	889.2	5,714	1,164	2,505	6.4	1.3	2.8
Routine rescreen (>5 yrs)	63.4	676	123	287	10.7	1.9	4.5
Early recall	2.8	76	24	37	27.2	8.6	13.2
Self / GP referral (no previous screen)	15.7	191	32	72	12.2	2.0	4.6
Self / GP referral (within 5 yrs)	83.1	826	155	360	9.9	1.9	4.3
Self / GP referral (>5 yrs)	17.9	303	50	129	16.9	2.8	7.2

Source : Form KC62

Table 8a Breast screening programme : women aged 50-64 screened and cancers detected by type of invitation, 2002-03

England

Type of invitation	Cancers detected						
	Number of women screened (thousands)	Number			Rate per 1,000 women screened		
		Total number of women with cancer	Non - invasive or micro - invasive	Small (<15mm)	Total	Non - invasive or micro - invasive	Small (<15mm)
Total	1,161.2	7,894	1,709	3,338	6.8	1.5	2.9
1st invitation	208.6	1,463	393	556	7.0	1.9	2.7
1st screen - previous non responder	36.0	393	71	157	10.9	2.0	4.4
Routine rescreen (within 5 yrs)	838.7	5,312	1,095	2,314	6.3	1.3	2.8
Routine rescreen (>5 yrs)	47.5	432	86	175	9.1	1.8	3.7
Early recall	2.5	59	17	30	23.9	6.9	12.1
Self / GP referral (no previous screen)	10.4	91	16	37	8.8	1.5	3.6
Self / GP referral (within 5 yrs)	15.8	131	30	61	8.3	1.9	3.9
Self / GP referral (>5 yrs)	1.7	13	1	8	7.7	0.6	4.7

Source : Form KC62

Table 9 Breast screening programme : women screened and cancers detected by age and region, 2002-03

Age	Government Office Region	Number of women screened (thousands)	Cancers detected					
			Number			Rate per 1,000 women screened		
			Total number of women with cancer	Non - invasive or micro - invasive	Small (<15mm)	Total	Non - invasive or micro - invasive	Small (<15mm)
45 & over	England	1,347.4	9,849	2,077	4,158	7.3	1.5	3.1
	North East	67.1	475	102	183	7.1	1.5	2.7
	North West	190.0	1,404	256	621	7.4	1.3	3.3
	Yorkshire & Humber	135.2	978	210	387	7.2	1.6	2.9
	East Midlands	123.7	930	207	415	7.5	1.7	3.4
	West Midlands	149.3	1,031	216	411	6.9	1.4	2.8
	East of England	163.4	1,236	268	535	7.6	1.6	3.3
	London	155.3	1,139	268	454	7.3	1.7	2.9
	South East	232.6	1,600	348	686	6.9	1.5	2.9
	South West	130.8	1,056	202	466	8.1	1.5	3.6
50-64	England	1,161.2	7,894	1,709	3,338	6.8	1.5	2.9
	North East	59.0	408	89	158	6.9	1.5	2.7
	North West	161.8	1,100	206	485	6.8	1.3	3.0
	Yorkshire & Humber	115.4	777	178	306	6.7	1.5	2.7
	East Midlands	106.0	737	167	333	7.0	1.6	3.1
	West Midlands	128.8	811	179	320	6.3	1.4	2.5
	East of England	141.3	991	215	433	7.0	1.5	3.1
	London	135.2	936	227	367	6.9	1.7	2.7
	South East	201.8	1,296	282	562	6.4	1.4	2.8
	South West	111.9	838	166	374	7.5	1.5	3.3

Source : Form KC62

Table 9a Breast screening programme : women screened and cancers detected by age, 2002-03

England

Age	Number of women screened (thousands)	Cancers detected					
		Number			Rate per 1,000 women screened		
		Total number of women with cancer	Non - invasive or micro - invasive	Small (<15mm)	Total	Non - invasive or micro - invasive	Small (<15mm)
Total	1,347.4	9,849	2,077	4,158	7.3	1.5	3.1
50-64	1,161.2	7,894	1,709	3,338	6.8	1.5	2.9
45-49	37.4	186	58	49	5.0	1.5	1.3
50-52	246.7	1,607	432	621	6.5	1.8	2.5
53-54	178.3	977	236	393	5.5	1.3	2.2
55-59	422.0	2,718	562	1,132	6.4	1.3	2.7
60-64	314.2	2,592	479	1,192	8.2	1.5	3.8
65-70	120.7	1,344	234	597	11.1	1.9	4.9
Over 70	28.0	425	76	174	15.2	2.7	6.2

Source : Form KC62

Table 9b Breast screening programme : women aged 50-64 screened and cancers detected by Strategic Health Authority, 2002-03

Strategic Health Authority	Number of women screened (thousands)	Cancers detected					
		Number			Rate per 1,000 women screened		
		Total number of women with cancer	Non - invasive or micro - invasive	Small (<15mm)	Total	Non - invasive or micro - invasive	Small (<15mm)
England	1,161.2	7,894	1,709	3,338	6.8	1.5	2.9
County Durham & Tees Valley	17.6	134	32	49	7.6	1.8	2.8
Northumberland, Tyne & Wear	41.4	274	57	109	6.6	1.4	2.6
Cheshire & Merseyside	59.0	408	75	173	6.9	1.3	2.9
Cumbria & Lancashire	41.5	236	42	103	5.7	1.0	2.5
Greater Manchester	61.2	456	89	209	7.4	1.5	3.4
North & East Yorkshire & Northern Lincolnshire	40.5	255	56	99	6.3	1.4	2.4
South Yorkshire	29.9	224	56	74	7.5	1.9	2.5
West Yorkshire	45.0	298	66	133	6.6	1.5	3.0
Leicestershire, Northamptonshire & Rutland	40.4	256	56	111	6.3	1.4	2.7
Trent	65.5	481	111	222	7.3	1.7	3.4
Birmingham and the Black Country	41.5	248	55	95	6.0	1.3	2.3
Coventry, Warwickshire, Hereford & Worcs.	45.4	275	53	117	6.1	1.2	2.6
Shropshire & Staffordshire	42.0	288	71	108	6.9	1.7	2.6
Bedfordshire & Hertfordshire	29.3	193	46	83	6.6	1.6	2.8
Essex	46.3	265	49	103	5.7	1.1	2.2
Norfolk, Suffolk & Cambridgeshire	65.8	533	120	247	8.1	1.8	3.8
North Central London	28.4	208	59	80	7.3	2.1	2.8
North East London	25.5	159	36	68	6.2	1.4	2.7
North West London	29.3	192	47	64	6.6	1.6	2.2
South East London	25.9	158	40	65	6.1	1.5	2.5
South West London	26.1	219	45	90	8.4	1.7	3.4
Hampshire & Isle of Wight	44.1	265	48	111	6.0	1.1	2.5
Kent & Medway	36.7	232	61	104	6.3	1.7	2.8
Surrey & Sussex	68.0	462	109	196	6.8	1.6	2.9
Thames Valley	53.0	337	64	151	6.4	1.2	2.8
Avon, Gloucestershire & Wiltshire	48.3	315	57	151	6.5	1.2	3.1
Somerset & Dorset	31.3	271	50	122	8.7	1.6	3.9
South West Peninsula	32.3	252	59	101	7.8	1.8	3.1

Source : Form KC62

Table 10 Breast screening programme : women aged 45 and over, with cancer diagnosed, by size of cancer and age, 2002-03

England		numbers						
Size of cancer	All ages 45 & over	Age						
		50-64	45-49	50-54	55-59	60-64	65-70	Over 70
All cancers	9,849	7,894	186	2,584	2,718	2,592	1,344	425
Invasive status not known	38	27	1	7	9	11	6	4
Non-invasive or possibly micro-invasive	1,965	1,617	53	638	520	459	221	74
Definitely micro-invasive	112	92	5	30	42	20	13	2
Invasive total	7,734	6,158	127	1,909	2,147	2,102	1,104	345
Small (less than 15mm) total	4,158	3,338	49	1,014	1,132	1,192	597	174
<i>per 1,000 women screened</i>	2.5	2.9	1.3	2.4	2.7	3.8	5.5	15.1
<i>as a percentage of total invasive</i>	54	54	39	53	53	57	54	50
Less than 10mm	1,884	1,509	25	463	512	534	269	81
Greater than or equal to 10mm and less than 15mm	2,274	1,829	24	551	620	658	328	93
Greater than or equal to 15mm and less than 20mm	1,505	1,187	26	371	449	367	227	65
Greater than or equal to 20mm and less than 50mm	1,741	1,369	43	437	486	446	241	88
Greater than or equal to 50mm	158	130	4	48	46	36	18	6
Size not known	172	134	5	39	34	61	21	12

Source : Form KC62

Table 10a Breast screening programme : women aged 50-64, with cancer diagnosed, by invitation type and size of cancer, 2002-03

England		Invitation type					numbers
Size of cancer	Total ages 50-64 all invitation types	1st invitation for routine screening	Routine invitation to previous non-attenders	Routine invitation to previous attenders Last screen within 5 years	Routine invitation to previous attenders Last screen more than 5 years previously	Early recalls	
All cancers	7,894	1,463	393	5,312	432	59	
Invasive status not known	27	5	4	15	2	1	
Non-invasive or possibly micro-invasive	1,617	379	70	1,029	82	15	
Definitely micro-invasive	92	14	1	66	4	2	
Invasive total	6,158	1,065	318	4,202	344	41	
Small (less than 15mm) total	3,338	556	157	2,314	175	30	
<i>per 1,000 women screened</i>	2.9	2.7	4.4	2.8	3.7	12.1	
<i>as a percentage of total invasive</i>	54	52	49	55	51	73	
Less than 10mm	1,509	237	76	1,051	82	14	
Greater than or equal to 10mm and less than 15mm	1,829	319	81	1,263	93	16	
Greater than or equal to 15mm and less than 20mm	1,187	207	61	813	67	8	
Greater than or equal to 20mm and less than 50mm	1,369	250	79	906	86	2	
Greater than or equal to 50mm	130	29	9	85	7	0	
Size not known	134	23	12	84	9	1	

Source : Form KC62

Table 11 Breast screening programme : coverage of women aged 53-64 by Primary Care Organisation at 31 March, 2002 and 2003

		As at 31 March 2002			As at 31 March 2003		
Primary Care Organisation		Eligible Population (000's)	Number of women screened (000's)	Coverage (less than 3 years since last test) (%)	Eligible Population (000's)	Number of women screened (000's)	Coverage (less than 3 years since last test) (%)
Code	Name						
England		3,416,135	2,600,697	76.1	3,519,934	2,649,809	75.3
North East		180,539	144,531	80.1	182,716	140,772	77.0
County Durham & Tees Valley		82,242	64,498	78.4	83,379	60,873	73.0
5J9	Darlington	6,971	5,521	79.2	7,091	5,611	79.1
5KA	Derwentside	6,060	5,045	83.3	6,268	5,166	82.4
5KC	Durham and Chester-Le-Street	10,815	8,934	82.6	11,006	9,097	82.7
5J8	Durham Dales	6,745	4,322	64.1	6,901	5,598	81.1
5KD	Easington	6,836	5,446	79.7	6,898	4,250	61.6
5D9	Hartlepool	6,183	4,774	77.2	6,235	3,517	56.4
5KN	Langbaugh	7,749	6,416	82.8	7,922	6,169	77.9
5KM	Middlesbrough	11,555	8,591	74.3	11,509	8,727	75.8
5E1	North Tees	12,550	10,072	80.3	12,553	8,117	64.7
5KE	Sedgefield	6,778	5,377	79.3	6,996	4,621	66.1
Northumberland, Tyne & Wear		98,297	80,033	81.4	99,337	79,899	80.4
5KF	Gateshead	14,573	11,660	80.0	14,525	11,741	80.8
5D7	Newcastle	18,345	14,498	79.0	15,379	11,118	72.3
5D8	North Tyneside	11,226	9,181	81.8	14,328	11,668	81.4
TAC	Northumberland Care Trust	24,564	21,009	85.5	25,235	21,610	85.6
5KG	South Tyneside	10,305	8,104	78.6	10,446	7,962	76.2
5KL	Sunderland Teaching	19,284	15,581	80.8	19,424	15,800	81.3
North West		475,937	364,787	76.6	491,676	374,400	76.1
Cheshire & Merseyside		165,591	129,579	78.3	172,609	133,276	77.2
5F8	Bebington and West Wirral	8,815	7,403	84.0	9,052	7,653	84.5
5H2	Birkenhead and Wallasey	14,965	11,618	77.6	15,187	11,741	77.3
5H4	Central Cheshire	18,174	15,206	83.7	18,610	15,645	84.1
5HA	Central Liverpool	14,815	10,952	73.9	15,277	10,812	70.8
5H3	Cheshire West	12,059	9,955	82.6	12,216	9,907	81.1
5H5	Eastern Cheshire	15,756	12,915	82.0	15,934	12,491	78.4
5H6	Ellesmere Port and Neston	6,225	5,041	81.0	6,343	5,209	82.1
5J1	Halton	7,864	5,879	74.8	8,296	6,308	76.0
5J4	Knowsley	8,656	6,237	72.1	9,759	6,944	71.2
5G9	North Liverpool	5,570	3,970	71.3	6,697	4,866	72.7
5HC	South Liverpool	5,857	4,583	78.2	6,487	4,726	72.9
5M5	South Sefton	10,295	7,702	74.8	10,712	7,936	74.1
5F9	Southport and Formby	9,550	6,901	72.3	9,851	7,488	76.0
5J3	St Helens	13,422	10,634	79.2	14,390	11,035	76.7
5J2	Warrington	13,568	10,583	78.0	13,798	10,515	76.2
Cumbria and Lancashire		140,317	109,290	77.9	143,870	114,227	79.4
5CC	Blackburn With Darwen	9,264	6,886	74.3	9,454	7,033	74.4
5HP	Blackpool	11,088	8,073	72.8	11,138	8,462	76.0
5G8	Burnley, Pendle and Rossendale	16,670	12,546	75.3	17,264	13,124	76.0
5D4	Carlisle and District	8,427	6,334	75.2	8,645	7,169	82.9
5F2	Chorley and South Ribble	15,265	12,186	79.8	15,748	12,576	79.9
5D5	Eden Valley	5,915	4,963	83.9	6,046	5,098	84.3
5HE	Fylde	5,523	4,433	80.3	5,624	4,539	80.7
5G7	Hyndburn and Ribble Valley	7,801	6,107	78.3	7,948	6,259	78.7
5DD	Morecambe Bay	23,396	18,840	80.5	23,984	19,835	82.7
5HD	Preston	8,817	6,685	75.8	8,897	6,742	75.8
5D6	West Cumbria	10,093	7,916	78.4	10,271	8,460	82.4
5F3	West Lancashire	8,188	6,445	78.7	8,695	6,977	80.2
5HF	Wyre	9,870	7,876	79.8	10,156	7,953	78.3
Greater Manchester		170,029	125,918	74.1	175,197	126,897	72.4
5HG	Ashton, Leigh and Wigan	22,108	17,822	80.6	23,376	18,213	77.9
5HQ	Bolton	17,781	13,741	77.3	19,009	14,823	78.0
5JX	Bury	13,886	10,799	77.8	13,247	10,471	79.0
5CL	Central Manchester	6,962	4,367	62.7	6,966	4,375	62.8
5F4	Heywood and Middleton	4,422	2,965	67.1	4,655	3,383	72.7
5CR	North Manchester	8,556	5,518	64.5	9,276	5,101	55.0
5J5	Oldham	15,106	11,408	75.5	15,461	11,661	75.4
5JY	Rochdale	8,639	6,492	75.1	9,110	7,037	77.2
5F5	Salford	13,881	9,908	71.4	14,667	10,773	73.5
5AA	South Manchester	7,373	4,977	67.5	7,445	5,102	68.5
5F7	Stockport	20,666	14,946	72.3	20,973	13,241	63.1
5LH	Tameside and Glossop	15,940	11,776	73.9	16,059	11,434	71.2
5F6	Trafford North	5,805	4,321	74.4	5,890	4,331	73.5
5CX	Trafford South	8,904	6,878	77.2	9,063	6,952	76.7

continued

Table 11 cont. Breast screening programme : coverage of women aged 53-64 by Primary Care Organisation at 31 March, 2002 and 2003

Primary Care Organisation Code Name		As at 31 March 2002			As at 31 March 2003		
		Eligible Population (000's)	Number of women screened (000's)	Coverage (less than 3 years since last test) (%)	Eligible Population (000's)	Number of women screened (000's)	Coverage (less than 3 years since last test) (%)
England		3,416,135	2,600,697	76.1	3,519,934	2,649,809	75.3
Yorkshire and Humber		350,265	274,969	78.5	356,630	274,145	76.9
North & East Yorkshire & North Lincolnshire		121,785	97,734	80.3	125,180	98,758	78.9
5KJ	Craven, Harrogate and Rural District	15,875	13,047	82.2	16,289	13,247	81.3
5E3	East Yorkshire	11,515	9,128	79.3	11,761	9,729	82.7
5E5	Eastern Hull	7,230	5,380	74.4	7,440	4,868	65.4
5KH	Hambleton and Richmondshire	9,123	7,552	82.8	9,422	7,913	84.0
5AN	North East Lincolnshire	11,350	8,828	77.8	11,804	9,469	80.2
5EF	North Lincolnshire	11,507	9,102	79.1	11,943	9,551	80.0
5KK	Scarborough, Whitby and Ryedale	13,303	10,872	81.7	13,703	11,033	80.5
5E2	Selby and York	19,614	16,282	83.0	19,918	16,747	84.1
5E6	West Hull	9,552	7,084	74.2	9,611	6,686	69.6
5E4	Yorkshire Wolds and Coast	12,716	10,459	82.3	13,289	9,515	71.6
South Yorkshire		90,293	73,068	80.9	90,848	70,938	78.1
5JE	Barnsley	16,620	13,445	80.9	16,810	13,250	78.8
5CK	Doncaster Central	6,882	5,756	83.6	7,030	5,835	83.0
5EK	Doncaster East	6,673	5,658	84.8	6,733	4,165	61.9
5EL	Doncaster West	7,224	5,868	81.2	7,277	5,912	81.2
5EE	North Sheffield	8,125	6,365	78.3	8,061	6,159	76.4
5H8	Rotherham	17,665	14,540	82.3	17,923	14,139	78.9
5EP	Sheffield South West	8,772	7,086	80.8	8,785	7,181	81.7
5EN	Sheffield West	7,680	6,156	80.2	7,616	6,067	79.7
5EQ	South East Sheffield	10,652	8,194	76.9	10,613	8,230	77.5
West Yorkshire		138,187	104,167	75.4	140,602	104,449	74.3
5AW	Airedale	8,016	6,290	78.5	8,331	6,541	78.5
5CF	Bradford City	5,209	3,124	60.0	5,280	3,133	59.3
5CG	Bradford South and West	9,463	7,095	75.0	9,575	7,376	77.0
5J6	Calderdale	13,507	10,412	77.1	13,922	10,682	76.7
5HK	East Leeds	10,180	7,423	72.9	10,250	7,415	72.3
5E7	Eastern Wakefield	12,683	9,954	78.5	13,021	10,208	78.4
5LJ	Huddersfield Central	8,654	6,579	76.0	8,664	6,663	76.9
5HJ	Leeds North East	9,461	6,937	73.3	9,668	6,780	70.1
5HM	Leeds North West	10,306	7,621	73.9	10,342	7,637	73.8
5HH	Leeds West	6,991	4,966	71.0	6,987	5,071	72.6
5CH	North Bradford	6,228	4,954	79.5	6,283	4,364	69.5
5J7	North Kirklees	11,108	8,444	76.0	11,186	8,398	75.1
5LK	South Huddersfield	6,136	4,954	80.7	6,370	5,198	81.6
5HL	South Leeds	9,327	6,796	72.9	9,529	6,145	64.5
5E8	Wakefield West	10,918	8,618	78.9	11,194	8,838	79.0
East Midlands		293,334	237,779	81.1	303,735	242,460	79.8
Leicestershire, Northamptonshire & Rutland		101,304	82,766	81.7	105,219	85,655	81.4
5JC	Charnwood & North West Leicestershire	16,311	13,650	83.7	16,835	14,132	83.9
5AC	Daventry and South Northamptonshire	7,148	5,973	83.6	7,635	6,380	83.6
5EY	Eastern Leicestershire	8,569	6,364	74.3	8,780	6,549	74.6
5JA	Hinckley and Bosworth	7,238	6,181	85.4	7,736	6,607	85.4
5EJ	Leicester City West	7,491	5,752	76.8	7,667	5,899	76.9
5EH	Melton, Rutland and Harborough	10,277	8,671	84.4	10,745	9,124	84.9
5LW	Northampton	13,476	10,763	79.9	13,792	10,990	79.7
5LV	Northamptonshire Heartlands	19,203	15,727	81.9	20,049	15,842	79.0
5JD	South Leicestershire	11,591	9,685	83.6	11,980	10,132	84.6
Trent		192,030	155,013	80.7	198,516	156,805	79.0
5ED	Amber Valley	9,771	8,276	84.7	10,101	8,697	86.1
5FA	Ashfield	5,819	5,271	90.6	5,944	5,063	85.2
5ET	Bassetlaw	7,507	6,184	82.4	8,314	5,924	71.3
5EV	Broxtowe and Hucknall	10,016	8,284	82.7	10,210	8,109	79.4
5AL	Central Derby	7,600	6,229	82.0	7,750	6,326	81.6
5EA	Chesterfield	8,787	6,385	72.7	8,972	7,215	80.4
5H7	Derbyshire Dales and South Derbyshire	6,465	5,355	82.8	6,796	5,766	84.8
5H9	East Lincolnshire	23,601	15,772	66.8	24,664	18,015	73.0
5ER	Erewash	6,351	5,374	84.6	6,405	5,411	84.5
5EC	Gedling	7,086	5,803	81.9	7,145	6,007	84.1
5EX	Greater Derby	10,180	8,731	85.8	10,248	8,732	85.2
5HN	High Peak and Dales	8,465	6,912	81.7	8,723	7,054	80.9
5D3	Lincolnshire South West Teaching	14,330	11,960	83.5	14,956	9,144	61.1
5AM	Mansfield District	6,228	5,223	83.9	6,654	6,136	92.2
5AP	Newark and Sherwood	9,150	7,981	87.2	9,634	7,332	76.1
5EG	North Eastern Derbyshire	11,451	9,344	81.6	11,742	9,635	82.1
5EM	Nottingham City	15,131	11,631	76.9	15,109	11,584	76.7
5FC	Rushcliffe	8,584	7,208	84.0	8,917	7,226	81.0
5D2	West Lincolnshire	15,508	13,090	84.4	16,232	13,429	82.7

continued

Table 11 cont. Breast screening programme : coverage of women aged 53-64 by Primary Care Organisation at 31 March, 2002 and 2003

Primary Care Organisation Code Name		As at 31 March 2002			As at 31 March 2003		
		Eligible Population (000's)	Number of women screened (000's)	Coverage (less than 3 years since last test) (%)	Eligible Population (000's)	Number of women screened (000's)	Coverage (less than 3 years since last test) (%)
England		3,416,135	2,600,697	76.1	3,519,934	2,649,809	75.3
West Midlands		369,161	290,128	78.6	380,815	298,106	78.3
Birmingham & the Black Country		146,885	109,625	74.6	151,170	112,087	74.1
5HV	Dudley Beacon and Castle	7,265	5,383	74.1	7,185	5,324	74.1
5HT	Dudley South	15,523	12,314	79.3	15,815	12,323	77.9
5MY	Eastern Birmingham	13,915	9,898	71.1	13,492	9,649	71.5
5MX	Heart Of Birmingham Teaching	11,387	7,186	63.1	11,590	7,286	62.9
5MW	North Birmingham	12,010	9,450	78.7	12,873	10,153	78.9
5MG	Oldbury and Smethwick	5,953	4,349	73.1	6,624	4,825	72.8
5MH	Rowley Regis and Tipton	4,542	3,466	76.3	4,603	3,454	75.0
5D1	Solihull	13,759	10,999	79.9	15,731	12,470	79.3
5M1	South Birmingham	21,078	15,809	75.0	21,196	15,864	74.8
5M3	Walsall	17,500	13,341	76.2	17,684	13,508	76.4
5MJ	Wednesbury and West Bromwich	8,381	6,102	72.8	8,750	6,357	72.7
5MV	Wolverhampton City	15,572	11,328	72.7	15,627	10,874	69.6
Coventry, Warwickshire, Hereford & Worcs.		110,917	91,162	82.2	115,432	94,699	82.0
5MD	Coventry	18,697	14,828	79.3	20,109	15,702	78.1
5CN	Herefordshire	13,272	11,070	83.4	13,679	11,350	83.0
5MP	North Warwickshire	12,892	10,583	82.1	13,366	10,998	82.3
5MR	Redditch and Bromsgrove	10,910	8,987	82.4	11,667	9,575	82.1
5M9	Rugby	6,271	5,199	82.9	6,379	5,294	83.0
5MQ	South Warwickshire	18,872	15,233	80.7	19,270	15,791	81.9
5MT	South Worcestershire	20,900	17,586	84.1	21,482	17,997	83.8
5DR	Wyre Forest	9,103	7,676	84.3	9,480	7,992	84.3
Shropshire & Staffordshire		111,359	89,341	80.2	114,213	91,320	80.0
5DQ	Burntwood, Lichfield and Tamworth	11,486	9,508	82.8	11,838	9,726	82.2
5MM	Cannock Chase	9,116	7,606	83.4	9,308	7,722	83.0
5ML	East Staffordshire	8,851	7,278	82.2	9,142	7,355	80.5
5HW	Newcastle-Under-Lyme	7,158	5,328	74.4	7,301	5,142	70.4
5ME	North Stoke	8,211	6,081	74.1	8,453	6,403	75.7
5M2	Shropshire County	22,618	18,144	80.2	23,165	18,724	80.8
5MF	South Stoke	9,530	7,301	76.6	9,628	7,395	76.8
5MN	South Western Staffordshire	14,964	12,607	84.2	15,266	12,791	83.8
5HR	Staffordshire Moorlands	8,488	6,960	82.0	8,877	7,149	80.5
5MK	Telford and Wrekin	10,937	8,528	78.0	11,235	8,913	79.3
East of England		391,910	301,704	77.0	402,023	311,827	77.6
Bedfordshire & Hertfordshire		109,398	83,556	76.4	111,709	86,819	77.7
5GD	Bedford	9,701	7,569	78.0	9,960	7,778	78.1
5GE	Bedfordshire Heartlands	17,387	14,141	81.3	17,930	14,489	80.8
5GW	Dacorum	9,719	7,218	74.3	9,857	7,760	78.7
5CP	Hertsmere	5,959	4,483	75.2	6,125	4,440	72.5
5GC	Luton	10,272	7,613	74.1	10,317	7,888	76.5
5GH	North Hertfordshire and Stevenage	12,408	9,671	77.9	12,502	9,743	77.9
5GK	Royston, Buntingford & Bishop's Stortford	5,348	3,412	63.8	5,648	4,555	80.6
5GJ	South East Hertfordshire	12,573	9,707	77.2	13,041	10,158	77.9
5GX	St Albans and Harpenden	8,791	6,826	77.6	8,921	7,005	78.5
5GV	Watford and Three Rivers	11,141	8,289	74.4	11,280	8,338	73.9
5GG	Welwyn Hatfield	6,099	4,627	75.9	6,128	4,665	76.1
Essex		119,012	89,506	75.2	121,745	92,339	75.8
5GR	Basildon	6,824	5,079	74.4	6,874	4,110	59.8
5GP	Billericay, Brentwood and Wickford	11,235	8,588	76.4	11,295	8,527	75.5
5JP	Castle Point and Rochford	14,282	10,347	72.4	14,437	10,539	73.0
5JN	Chelmsford	8,846	7,176	81.1	8,944	7,222	80.7
5GM	Colchester	11,702	8,703	74.4	12,037	10,016	83.2
5AJ	Epping Forest	7,885	6,254	79.3	7,887	6,168	78.2
5DC	Harlow	5,026	3,880	77.2	5,016	3,944	78.6
5GL	Maldon and South Chelmsford	6,640	4,989	75.1	6,857	5,248	76.5
5AK	Southend On Sea	11,345	7,713	68.0	11,675	7,807	66.9
5AH	Tendring	10,750	8,148	75.8	11,316	9,250	81.7
5GQ	Thurrock	9,144	6,745	73.8	9,461	6,953	73.5
5GN	Uttlesford	5,446	3,654	67.1	5,641	4,064	72.0
TAG	Witham, Braintree & Halstead Care Trust	9,887	8,230	83.2	10,305	8,491	82.4
Norfolk, Suffolk & Cambridgeshire		163,500	128,642	78.7	168,569	132,669	78.7
5JL	Broadland	9,461	7,682	81.2	9,652	7,856	81.4
5JH	Cambridge City	6,899	5,146	74.6	7,087	5,186	73.2
5JT	Central Suffolk	7,848	6,556	83.5	8,213	6,846	83.4
5JK	East Cambridgeshire and Fenland	10,318	8,227	79.7	10,992	8,467	77.0
5GT	Great Yarmouth	7,322	5,499	75.1	7,573	5,583	73.7
5GF	Huntingdonshire	10,907	8,845	81.1	11,058	8,960	81.0
5JQ	Ipswich	9,203	7,648	83.1	9,482	7,859	82.9
5JM	North Norfolk	9,299	7,500	80.7	9,436	7,604	80.6
5AF	North Peterborough	6,583	5,114	77.7	6,710	4,669	69.6
5A2	Norwich	8,104	5,531	68.3	8,205	6,284	76.6
5JJ	South Cambridgeshire	7,662	6,077	79.3	7,713	6,052	78.5
5AG	South Peterborough	6,182	4,861	78.6	6,462	5,139	79.5
5G1	Southern Norfolk	16,364	13,307	81.3	16,765	13,614	81.2
5JR	Suffolk Coastal	7,625	6,280	82.4	8,061	6,608	82.0
5JW	Suffolk West	17,745	12,759	71.9	18,378	13,622	74.1
5JV	Waveney	10,060	8,078	80.3	10,326	8,360	81.0
5CY	West Norfolk	11,918	9,532	80.0	12,456	9,960	80.0

continued

Table 11 cont.

Breast screening programme : coverage of women aged 53-64 by Primary Care Organisation at 31 March, 2002 and 2003

Primary Care Organisation Code Name		As at 31 March 2002			As at 31 March 2003		
		Eligible Population (000's)	Number of women screened (000's)	Coverage (less than 3 years since last test) (%)	Eligible Population (000's)	Number of women screened (000's)	Coverage (less than 3 years since last test) (%)
England		3,416,135	2,600,697	76.1	3,519,934	2,649,809	75.3
London		407,630	257,918	63.3	427,533	274,869	64.3
North Central London		67,860	42,341	62.4	71,263	44,503	62.4
5A9	Barnet	18,704	12,213	65.3	20,671	13,814	66.8
5K7	Camden	10,792	5,465	50.6	10,953	5,658	51.7
5C1	Enfield	16,704	11,815	70.7	16,974	12,074	71.1
5C9	Haringey	12,537	7,753	61.8	13,122	8,195	62.5
5K8	Islington	9,123	5,095	55.8	9,543	4,762	49.9
North East London		76,595	52,543	68.6	83,503	56,570	67.7
5C2	Barking and Dagenham	7,925	5,606	70.7	8,494	6,030	71.0
5C7	Chingford, Wanstead and Woodford	8,371	6,518	77.9	8,516	6,459	75.8
5C3	City and Hackney	8,553	4,547	53.2	10,129	5,395	53.3
5A4	Havering	17,292	13,773	79.6	17,727	14,195	80.1
5C5	Newham	10,403	6,127	58.9	11,950	6,832	57.2
5C8	Redbridge	9,834	6,948	70.7	10,388	7,305	70.3
5C4	Tower Hamlets	6,071	3,086	50.8	7,852	4,210	53.6
5C6	Walthamstow, Leyton and Leytonstone	8,146	5,938	72.9	8,447	6,144	72.7
North West London		102,116	55,564	54.4	106,730	60,028	56.2
5K5	Brent	15,989	9,655	60.4	16,087	9,528	59.2
5HX	Ealing	15,877	7,401	46.6	18,044	9,546	52.9
5H1	Hammersmith and Fulham	7,700	3,919	50.9	8,658	4,014	46.4
5K6	Harrow	14,002	9,959	71.1	14,148	8,752	61.9
5AT	Hillingdon	14,998	9,367	62.5	15,050	10,438	69.4
5HY	Hounslow	12,614	7,604	60.3	13,456	8,397	62.4
5LA	Kensington and Chelsea	10,083	3,757	37.3	10,267	4,352	42.4
5LC	Westminster	10,853	3,902	36.0	11,020	5,001	45.4
South East London		84,830	59,336	69.9	88,002	61,387	69.8
5AX	Bexley	14,807	11,785	79.6	14,942	11,863	79.4
5A7	Bromley	20,604	15,783	76.6	22,239	16,869	75.9
5A8	Greenwich	12,114	8,324	68.7	12,832	8,842	68.9
5LD	Lambeth	13,168	7,986	60.6	13,339	7,951	59.6
5LF	Lewisham	12,584	8,261	65.6	13,065	8,622	66.0
5LE	Southwark	11,553	7,197	62.3	11,585	7,240	62.5
South West London		76,229	48,134	63.1	78,035	52,381	67.1
5K9	Croydon	20,485	11,951	58.3	20,773	14,419	69.4
5A5	Kingston	9,690	6,825	70.4	9,912	6,905	69.7
5M6	Richmond and Twickenham	11,552	5,320	46.1	11,912	7,526	63.2
5M7	Sutton and Merton	21,424	15,633	73.0	21,776	15,285	70.2
5LG	Wandsworth	13,078	8,405	64.3	13,662	8,246	60.4

continued

Table 11 cont.

Breast screening programme : coverage of women aged 53-64 by Primary Care Organisation at 31 March, 2002 and 2003

Primary Care Organisation Code Name		As at 31 March 2002			As at 31 March 2003		
		Eligible Population (000's)	Number of women screened (000's)	Coverage (less than 3 years since last test) (%)	Eligible Population (000's)	Number of women screened (000's)	Coverage (less than 3 years since last test) (%)
England		3,416,135	2,600,697	76.1	3,519,934	2,649,809	75.3
South East		571,257	435,338	76.2	586,548	448,525	76.5
Hampshire & Isle of Wight		125,564	96,991	77.2	130,276	98,635	75.7
5G6	Blackwater Valley and Hart	11,451	8,494	74.2	12,131	8,602	70.9
5FD	East Hampshire	14,062	9,518	67.7	15,040	9,693	64.4
5LY	Eastleigh and Test Valley South	10,947	8,725	79.7	11,279	8,343	74.0
5LX	Fareham and Gosport	13,879	11,231	80.9	14,157	11,193	79.1
5DG	Isle Of Wight	11,483	9,483	82.6	11,766	9,699	82.4
5E9	Mid-Hampshire	12,883	10,115	78.5	13,126	9,970	76.0
5A1	New Forest	13,622	10,725	78.7	15,002	12,158	81.0
5DF	North Hampshire	13,186	10,532	79.9	13,564	10,772	79.4
5FE	Portsmouth City	10,473	7,934	75.8	10,539	8,025	76.1
5L1	Southampton City	13,578	10,234	75.4	13,672	10,180	74.5
Kent & Medway		117,888	91,811	77.9	120,433	93,616	77.7
5LL	Ashford	7,579	5,942	78.4	7,858	5,527	70.3
5LM	Canterbury and Coastal	12,125	9,487	78.2	12,420	9,452	76.1
5CM	Dartford, Gravesham and Swanley	16,136	12,622	78.2	16,257	12,740	78.4
5LN	East Kent Coastal	17,672	12,819	72.5	18,013	13,875	77.0
5L2	Maidstone Weald	18,309	14,809	80.9	18,635	14,868	79.8
5L3	Medway	18,000	14,292	79.4	18,383	14,494	78.8
5LP	Shepway	7,753	5,919	76.3	8,016	6,041	75.4
5FF	South West Kent	13,364	10,395	77.8	13,633	10,820	79.4
5L4	Swale	6,950	5,526	79.5	7,218	5,799	80.3
Surrey & Sussex		187,500	138,738	74.0	191,005	144,203	75.5
5L8	Adur, Arun and Worthing	16,534	12,004	72.6	16,812	11,531	68.6
5FH	Bexhill and Rother	6,910	5,709	82.6	7,113	5,498	77.3
5LQ	Brighton and Hove City	14,946	11,429	76.5	14,964	11,630	77.7
5MA	Crawley	6,426	4,980	77.5	6,535	4,919	75.3
5KP	East Elmbridge and Mid Surrey	20,044	14,282	71.3	20,298	14,584	71.8
5KQ	East Surrey	10,706	7,994	74.7	10,875	8,005	73.6
5LR	Eastbourne Downs	12,997	10,568	81.3	13,386	11,019	82.3
5L5	Guildford and Waverley	17,332	12,827	74.0	17,637	13,016	73.8
5FJ	Hastings and St Leonards	6,477	5,150	79.5	6,657	5,301	79.6
5MC	Horsham and Chanctonbury	6,699	5,335	79.6	6,937	5,477	79.0
5FK	Mid-Sussex	10,863	6,830	62.9	11,060	8,735	79.0
5L6	North Surrey	14,356	9,138	63.7	14,499	9,952	68.6
5LT	Sussex Downs and Weald	12,504	10,340	82.7	12,770	10,494	82.2
5L9	Western Sussex	17,023	13,266	77.9	17,601	13,725	78.0
5L7	Woking	13,683	8,886	64.9	13,861	10,317	74.4
Thames Valley		140,305	107,798	76.8	144,834	112,071	77.4
5G2	Bracknell Forest	5,663	4,577	80.8	5,869	4,721	80.4
5DV	Cherwell Vale	8,572	3,285	38.3	9,126	7,298	80.0
5G4	Chiltern and South Bucks	12,903	10,637	82.4	13,034	10,818	83.0
5CQ	Milton Keynes	12,739	10,314	81.0	13,512	10,863	80.4
5DK	Newbury and Community	6,754	5,546	82.1	7,118	5,851	82.2
5DT	North East Oxfordshire	4,369	2,990	68.4	4,527	3,605	79.6
5DW	Oxford City	8,873	5,658	63.8	8,965	5,331	59.5
5DL	Reading	11,775	9,183	78.0	11,795	9,118	77.3
5DM	Slough	5,527	4,122	74.6	5,577	4,099	73.5
5DX	South East Oxfordshire	6,221	4,921	79.1	6,294	4,051	64.4
5DY	South West Oxfordshire	13,324	10,652	79.9	13,701	10,138	74.0
5DP	Vale Of Aylesbury	12,822	10,680	83.3	13,513	10,110	74.8
5G3	Windsor, Ascot and Maidenhead	10,918	8,674	79.4	11,675	9,470	81.1
5DN	Wokingham	10,409	8,426	80.9	10,592	8,683	82.0
5G5	Wycombe	9,436	8,133	86.2	9,536	7,915	83.0

continued

Table 11 cont.

Breast screening programme : coverage of women aged 53-64 by Primary Care Organisation at 31 March, 2002 and 2003

Primary Care Organisation Code Name		As at 31 March 2002			As at 31 March 2003		
		Eligible Population (000's)	Number of women screened (000's)	Coverage (less than 3 years since last test) (%)	Eligible Population (000's)	Number of women screened (000's)	Coverage (less than 3 years since last test) (%)
England		3,416,135	2,600,697	76.1	3,519,934	2,649,809	75.3
South West		376,102	293,543	78.0	388,258	284,705	73.3
Avon, Gloucestershire & Wiltshire		152,763	120,966	79.2	157,468	121,671	77.3
5FL	Bath and North East Somerset	12,293	9,813	79.8	12,670	10,102	79.7
5JF	Bristol North	12,902	9,680	75.0	13,169	9,889	75.1
5JG	Bristol South and West	11,064	8,612	77.8	11,157	7,392	66.3
5KW	Cheltenham and Tewkesbury	11,136	8,939	80.3	11,345	9,146	80.6
5KY	Cotswold and Vale	14,387	11,723	81.5	15,520	12,344	79.5
5K4	Kennet and North Wiltshire	13,842	11,250	81.3	14,538	11,862	81.6
5M8	North Somerset	15,443	11,370	73.6	16,021	10,962	68.4
5A3	South Gloucestershire	16,470	13,521	82.1	16,969	13,682	80.6
5DJ	South Wiltshire	8,736	7,030	80.5	9,185	7,394	80.5
5K3	Swindon	11,911	9,419	79.1	11,731	9,320	79.4
5KX	West Gloucestershire	15,739	12,373	78.6	16,062	12,142	75.6
5DH	West Wiltshire	8,840	7,236	81.9	9,101	7,436	81.7
Somerset & Dorset		93,074	74,531	80.1	96,907	77,850	80.3
5CE	Bournemouth	10,717	8,215	76.7	10,817	8,231	76.1
5FX	Mendip	8,034	6,496	80.9	8,399	6,792	80.9
5CD	North Dorset	6,825	5,366	78.6	7,532	5,970	79.3
5KV	Poole	12,663	10,034	79.2	12,899	10,289	79.8
5FW	Somerset Coast	11,475	9,194	80.1	11,877	9,786	82.4
5FN	South and East Dorset	12,931	10,612	82.1	13,260	10,815	81.6
5K1	South Somerset	11,451	9,527	83.2	12,203	10,056	82.4
5FP	South West Dorset	11,269	8,774	77.9	11,892	9,346	78.6
5K2	Taunton Deane	7,709	6,313	81.9	8,028	6,565	81.8
South West Peninsula		130,265	98,046	75.3	133,883	85,184	63.6
5KT	Central Cornwall	16,592	13,116	79.1	17,051	12,204	71.6
5FT	East Devon	9,934	5,840	58.8	10,205	2,666	26.1
5FR	Exeter	8,663	5,596	64.6	8,756	3,693	42.2
5FV	Mid Devon	8,572	6,823	79.6	8,867	6,239	70.4
5KR	North and East Cornwall	13,853	11,163	80.6	14,335	9,995	69.7
5FQ	North Devon	13,204	10,917	82.7	13,688	11,186	81.7
5F1	Plymouth	17,321	14,042	81.1	17,614	14,266	81.0
5CV	South Hams and West Devon	9,110	7,501	82.3	9,429	7,681	81.5
5FY	Teignbridge	8,710	4,151	47.7	8,953	3,421	38.2
5CW	Torbay	11,285	8,611	76.3	11,632	4,701	40.4
5FM	West Of Cornwall	13,021	10,286	79.0	13,353	9,132	68.4

Table 12 Breast screening programme : estimated uptake by women aged 50-64 of invitations to screen, by unit, 1995-96 to 2002-03

Unit	percentages								Change ⁽²⁾ 2001-02 to 2002-03
	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01	2001-02	2002-03	
England	76	76	75	76	76	75	76	75	-1
North East									
Gateshead	80	77	78	79	78	79	80	79	-1
Newcastle	80	84	82	80	83	80	80	82	+2
North Tees	80	76	78	81	81	79	79	74	-4
North West									
Bolton, Bury & Rochdale	77	75	75	76	75	77	74	75	+1
Chester	82	82	79	81	82	88	84	79	-5
Crewe	84	83	84	83	81	83	83	81	-2
Cumbria	83	83	83	81	81	81	81	80	-1
East Lancashire	82	79	74	75	75	73	75	74	-1
Greater Manchester	75	73	71	75	73	69	71	71	0
Liverpool	64	73	71	71	73	73	71	74	+3
Macclesfield	80	80	78	80	79	77	78	77	-1
North Lancashire & South Cumbria	87	85	77	76	77	78	77	77	0
Warrington, Halton & St Helens	77	74	77	77	75	76	77	74	-3
Wigan	87	85	78	79	77	77	81	77	-4
Wirral	80	75	76	82	76	77	82	77	-5
Yorkshire & Humber									
Barnsley	82	82	82	82	81	82	83	82	-1
Doncaster	82	84	82	81	82	81	81	82	+1
Humberside	77	78	75	79	76	78	79	75	-3
Leeds	71	73	76	73	74	76	71	73	+2
North Yorkshire	80	82	81	82	81	80	81	81	0
Pennine	73	72	78	73	73	78	72	73	0
Rotherham	82	81	81	83	79	79	83	80	-3
Sheffield	79	81	81	78	80	79	76	80	+3
East Midlands									
Boston (South Lincolnshire)	82	80	81	82	78	80	79	78	-1
Derby City & South Derbyshire	83	83	84	84	83	83	82	82	0
Kettering	80	80	79	81	81	78	79	78	0
Leicestershire	80	82	81	81	85	81	82	84	+2
North Derbyshire (Chesterfield)	79	79	80	81	81	80	82	80	-2
North Lincolnshire	83	82	82	80	80	81	83	78	-5
North Nottinghamshire	79	80	81	81	80	80	81	81	0
Northampton	77	78	77	79	78	78	79	77	-2
Nottingham City	80	78	81	83	81	81	83	80	-3
West Midlands									
City Hospital (Birmingham)	63	69	66	68	69	69	70	69	0
Dudley & Wolverhampton	72	69	73	75	72	75	74	73	0
Hereford & Worcester County	89	81	83	82	82	83	82	82	0
North Staffordshire	76	75	76	76	78	76	75	76	+1
Shropshire (Shrewsbury)	81	78	78	82	80	81	82	82	0
South Birmingham	70	76	69	71	73	66	72	75	+3
South Staffordshire	-	-	-	-	-	-	81 ⁽³⁾	81	0
Walsall & Sandwell	76	74	69	76	74	70	76	73	-2
Warwickshire, Solihull & Coventry	77	77	78	78	78	78	78	76	-2

continued

(1) First invitations, routine invitations and early recall invitations

(2) All percentages are shown rounded to the nearest whole number; the difference between 2001-02 and 2002-03 uptake is calculated using the exact percentages for those years and then rounded

(3) Uptake based on data from Mid Staffordshire and South East Staffordshire

(4) Data for Canterbury and Kent is now provided by Canterbury, Maidstone and Medway separately

Table 12 cont. Breast screening programme : estimated uptake by women aged 50-64 of invitations to screen, by unit, 1995-96 to 2002-03

Unit	percentages								Change ⁽²⁾ 2001-02 to 2002-03
	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01	2001-02	2002-03	
England	76	76	75	76	76	75	76	75	-1
East of England									
Beds & Herts	77	76	75	78	77	75	77	76	-2
Cambridge & Huntingdon	83	81	78	77	77	78	77	77	0
Colchester & Chelmsford	83	79	81	81	79	80	81	79	-2
East Suffolk	88	86	80	81	81	80	81	81	0
Epping	70	71	72	72	74	73	72	75	+3
James Paget	82	83	76	78	78	78	79	81	+2
Kings Lynn	84	86	79	79	79	79	81	80	0
Norfolk & Norwich	88	88	80	82	81	80	80	81	+1
Peterborough	87	86	78	81	80	78	81	82	+2
South Essex	74	71	69	68	69	66	69	67	-2
West Suffolk	84	84	80	80	79	79	80	80	+1
London									
Barking, Havering & Brentwood	77	72	75	76	71	76	77	72	-5
Central & East London	50	50	47	49	50	46	51	51	0
North Middlesex (Enfield & Haringey)	58	58	62	60	61	63	63	63	+1
North of London (Edgware)	63	62	66	65	63	65	64	63	-1
South East London	65	63	65	65	64	67	65	63	-2
South West London	69	63	68	71	66	68	66	65	-1
West of London (Charing Cross)	54	56	55	56	58	55	55	56	+1
Whipps Cross	73	73	70	73	73	67	74	72	-2
South East									
Aylesbury	79	78	80	82	79	81	80	80	0
Basingstoke	79	77	82	78	77	79	79	82	+3
Canterbury	-	-	-	-	-	-	-	76	-
Canterbury & Kent	81	79	78	78	77	75	76	78	+1
East Berkshire	78	75	79	79	74	75	74	76	+2
East Sussex (Brighton)	78	80	79	77	77	79	77	77	0
Guildford	76	72	76	78	73	72	74	74	0
High Wycombe	82	82	83	80	82	81	81	80	0
Isle of Wight	81	82	82	82	81	83	81	81	-1
Maidstone	-	-	-	-	-	-	-	78 ⁽⁴⁾	-
Medway	-	-	-	-	-	-	-	78	-
Milton Keynes	76	81	77	82	74	78	78	73	-5
Oxford	78	79	79	80	79	77	78	77	-1
Portsmouth	75	79	79	76	78	79	72	76	+4
Southampton (Salisbury)	79	78	81	79	79	81	78	76	-2
West Berkshire	80	79	82	80	78	80	79	77	-2
Winchester	88	85	77	79	79	79	79	82	+3
Worthing	74	73	76	78	78	78	79	77	-2
South West									
Avon	79	79	76	79	77	78	79	77	-1
Cornwall	80	78	79	78	78	78	76	76	0
Dorset	78	78	79	80	78	78	76	76	0
East Devon	80	78	77	79	79	75	74	76	+2
Gloucester	78	76	77	80	78	78	80	77	-3
Somerset	79	83	82	81	82	81	80	79	-1
Swindon & Bath	80	80	79	80	79	78	79	80	+1
West Devon	77	77	79	80	77	79	80	78	-2

⁽¹⁾ First invitations, routine invitations and early recall invitations

Source : Form KC62

⁽²⁾ All percentages are shown rounded to the nearest whole number; the difference between 2001-02 and 2002-03 uptake is calculated using the exact percentages for those years and then rounded

⁽³⁾ Uptake based on data from Mid Staffordshire and South East Staffordshire

⁽⁴⁾ Data for Canterbury and Kent is now provided by Canterbury, Maidstone and Medway separately

Table 13 Breast screening programme : estimated uptake of invitations to screen by women aged 50-64 by type of invitation and unit, 2002-03

Unit	Invitation type					Invitation type grouping		
	First invitation for screening	Routine invitation (previous non-attender)	Routine invitation (within 5 yrs)	Routine invitation (more than 5 yrs)	Early Recall Invitations	First & routine invitation (within 5 yrs)	First & all routine invitations	First, ⁽¹⁾ routine and early recall invitations
England	71	21	88	50	98	84	75	75
North East	78	18	89	46	99	87	78	79
Gateshead	80	14	90	44	100	87	79	79
Newcastle	80	21	92	47	94	89	82	82
North Tees	72	19	87	46	100	83	74	74
North West	72	20	89	51	99	85	75	75
Bolton, Bury & Rochdale	73	20	89	50	100	85	75	75
Chester	73	14	90	40	100	86	79	79
Crewe	79	21	92	49	100	89	81	81
Cumbria	79	22	91	54	97	88	80	80
East Lancashire	71	25	88	57	96	84	74	74
Greater Manchester	68	20	87	45	100	82	71	71
Liverpool	72	18	88	44	100	84	74	74
Macclesfield	66	19	89	57	100	83	77	77
North Lancashire & South Cumbria	73	21	90	64	-	87	77	77
Warrington, Halton & St Helens	72	21	88	49	98	84	74	74
Wigan	76	23	89	54	100	86	77	77
Wirral	77	17	91	42	100	88	77	77
Yorkshire & Humber	74	20	90	45	99	86	77	77
Barnsley	80	18	93	49	100	90	82	82
Doncaster	81	17	91	43	100	89	82	82
Humberside	74	21	89	46	100	86	75	75
Leeds	71	20	88	43	100	84	73	73
North Yorkshire	77	25	92	50	100	89	81	81
Pennine	70	19	88	42	96	84	73	73
Rotherham	80	18	92	39	-	89	80	80
Sheffield	78	22	89	48	100	87	80	80
East Midlands	78	20	91	46	98	88	81	81
Boston (South Lincolnshire)	73	19	89	47	100	85	78	78
Derby City & South Derbyshire	81	20	91	53	100	89	82	82
Kettering	78	19	89	39	100	87	78	78
Leicestershire	81	24	94	50	96	91	84	84
North Derbyshire (Chesterfield)	76	19	91	47	100	87	80	80
North Lincolnshire	75	19	89	46	100	86	78	78
North Nottinghamshire	81	41	85	52	75	84	81	81
Northampton	74	19	89	38	100	85	77	77
Nottingham City	79	18	91	45	83	88	80	80
West Midlands	74	20	89	50	100	86	77	77
City Hospital (Birmingham)	65	22	87	50	100	81	69	69
Dudley & Wolverhampton	73	17	89	49	100	85	73	73
Hereford & Worcester County	79	20	92	48	100	89	82	82
North Staffordshire	73	18	90	55	100	86	76	76
Shropshire (Shrewsbury)	77	22	92	50	100	89	82	82
South Birmingham	72	21	88	51	100	85	75	75
South Staffordshire	79	22	90	56	100	88	81	81
Walsall & Sandwell	69	20	88	45	100	83	73	73
Warwickshire, Solihull, Coventry	75	18	87	48	100	85	76	76

⁽¹⁾ This is the grouping used in Table 3

continued

Table 13 cont. Breast screening programme : estimated uptake of invitations to screen by women aged 50-64 by type of invitation and unit, 2002-03

percentages

Unit	Invitation type					Invitation type grouping		
	First invitation for screening	Routine invitation (previous non-attender)	Routine invitation (within 5 yrs)	Routine invitation (more than 5 yrs)	Early Recall Invitations	First & routine invitation (within 5 years)	First & all routine invitations	First, ⁽¹⁾ routine and early recall invitations
England	71	21	88	50	98	84	75	75
East of England	74	21	89	58	98	86	77	77
Beds & Herts	73	23	89	48	100	85	76	76
Cambridge & Huntingdon	74	16	89	57	100	85	76	77
Colchester & Chelmsford	76	23	90	54	100	87	79	79
East Suffolk	80	25	92	67	100	89	81	81
Epping	69	24	87	57	97	83	75	75
James Paget	76	18	91	65	92	88	81	81
Kings Lynn	75	20	91	72	100	88	80	80
Norfolk & Norwich	79	19	91	67	100	88	81	81
Peterborough	78	24	91	69	100	88	82	82
South Essex	63	19	84	40	100	79	67	67
West Suffolk	77	23	90	69	91	87	80	80
London	57	17	81	42	98	74	61	61
Barking, Havering & Brentwood	72	17	88	53	100	83	72	72
Central & East London	46	17	75	34	95	64	51	51
North Middlesex (Enfield & Haringey)	59	20	82	42	83	75	63	63
North of London (Edgware)	58	18	83	42	100	75	63	63
South East London	57	15	84	36	100	76	63	63
South West London	60	20	82	42	98	76	64	65
West of London (Charing Cross)	52	17	77	44	100	68	56	56
Whipps Cross	65	23	87	40	100	82	72	72
South East	72	26	89	51	98	85	77	77
Aylesbury	75	24	89	33	100	87	80	80
Basingstoke	76	27	90	52	100	88	82	82
Canterbury	73	26	90	45	100	86	76	76
East Berkshire	69	23	88	49	100	84	76	76
East Sussex (Brighton)	75	22	89	44	96	86	77	77
Guildford	68	31	88	59	94	83	74	74
High Wycombe	77	21	89	39	100	87	80	80
Isle Of Wight	78	17	91	69	100	88	81	81
Maidstone	71	32	91	45	100	87	78	78
Medway	75	29	90	51	100	86	78	78
Milton Keynes	71	20	86	49	100	82	73	73
Oxford	76	23	88	56	100	85	77	77
Portsmouth	72	23	88	51	100	84	75	76
Southampton (Salisbury)	69	23	89	47	98	85	76	76
West Berkshire	73	21	89	40	100	85	77	77
Winchester	75	24	88	56	100	87	82	82
Worthing	72	27	90	48	96	85	77	77
South West	75	22	89	58	98	86	77	77
Avon	75	22	90	47	97	86	77	77
Cornwall	74	24	88	48	100	85	76	76
Dorset	71	21	87	63	92	83	76	76
East Devon	75	25	86	69	100	83	76	76
Gloucester	76	20	89	52	97	86	77	77
Somerset	75	21	90	61	100	87	79	79
Swindon & Bath	76	27	90	64	96	87	79	80
West Devon	77	20	89	60	100	87	78	78

⁽¹⁾ This is the grouping used in Table 3

Source : Form KC62

Table 14 Breast screening programme : Selected diagnostic and outcome statistics for women aged 50-64, by unit 2002-03

Breast Screening Unit	Prevalent round (A+B)				Incident round (C1)				All women (T)	
	Benign Biopsy rate per 1,000	Preoperative Diagnosis rate %	Small cancers detected (<15mm) per 1,000	Standardised detection ratio (SDR) ⁽⁴⁾	Benign Biopsy rate per 1,000	Preoperative Diagnosis rate %	Small cancers detected (<15mm) per 1,000	Standardised detection ratio (SDR) ⁽⁴⁾	Benign Biopsy rate per 1,000	Preoperative Diagnosis rate %
England	2.5	89	2.9	1.4	0.8	92	2.8	1.3	1.2	91
North East	2.7	89	3.1	1.8	1.0	92	2.5	1.3	1.5	91
Gateshead	2.2	91	2.2	1.7	1.2	89	2.3	1.2	1.6	89
Newcastle	3.0	86	3.9	2.0	0.9	98	2.6	1.2	1.4	94
North Tees	3.3	90	3.6	1.6	0.8	87	2.7	1.4	1.4	89
North West	2.9	86	3.1	1.5	0.9	90	2.8	1.3	1.4	89
Bolton, Bury & Rochdale	1.4	97	3.7	1.8	0.8	92	3.1	1.6	1.0	93
Chester	4.6	91	5.7	2.4	0.6	85	2.7	1.3	1.3	89
Crewe	0.6	86	2.5	1.0	0.2	93	2.0	1.1	0.2	91
Cumbria	1.6	76	3.8	1.8	0.6	84	2.1	0.9	1.0	80
East Lancashire	2.3	64	1.8	1.2	0.9	87	3.5	1.6	1.2	83
Greater Manchester	2.9	91	4.2	1.9	1.3	92	3.2	1.3	1.8	92
Liverpool	6.1	78	2.3	1.4	0.6	94	3.4	1.7	1.8	90
Macclesfield	2.1	89	1.4	1.1	0.4	88	4.1	1.6	0.9	88
North Lancashire & South Cumbria	3.8	78	1.8	0.8	1.0	86	1.8	0.9	1.6	85
Warrington, Halton & St Helens	0.4	85	3.6	1.6	0.6	96	1.9	1.4	0.6	94
Wigan	3.2	94	2.9	1.4	1.4	86	3.3	1.6	1.8	86
Wirral	3.2	85	3.7	1.5	1.0	83	2.7	1.1	1.5	85
Yorkshire & Humber	2.8	89	2.7	1.5	0.6	94	2.6	1.2	1.1	92
Barnsley	3.9	67	3.9	2.0	0.8	90	2.8	1.0	1.5	78
Doncaster	3.8	85	2.3	1.9	0.4	92	1.8	1.4	1.1	91
Humberside	1.0	94	2.7	1.4	0.6	95	2.8	1.4	0.7	95
Leeds	2.3	79	1.8	1.2	0.5	91	3.3	1.3	0.8	88
North Yorkshire	2.5	100	2.3	1.2	0.7	98	2.0	1.1	1.1	98
Pennine	4.8	93	3.1	1.7	0.6	96	2.8	1.1	1.5	94
Rotherham	3.7	92	5.2	1.7	1.1	94	2.2	1.2	2.0	93
Sheffield	1.3	95	2.2	1.8	0.6	89	2.3	1.3	0.8	92
East Midlands	2.2	93	3.8	1.6	0.8	94	2.9	1.3	1.1	94
Boston (South Lincolnshire)	2.1	81	2.1	1.8	1.1	88	2.6	1.3	1.3	87
Derby City & South Derbyshire	1.0	97	6.4	2.1	0.7	97	3.7	1.4	0.8	96
Kettering	1.8	100	4.3	1.4	1.1	90	1.9	1.2	1.3	91
Leicestershire	1.6	93	3.2	1.3	0.5	98	2.8	1.3	0.7	97
North Derbyshire (Chesterfield)	2.2	96	3.9	1.8	1.0	98	3.0	1.2	1.3	97
North Lincolnshire	2.1	85	3.2	2.2	1.3	76	1.3	0.9	1.5	80
North Nottinghamshire	3.0	100	5.3	1.4	0.6	100	2.9	1.0	1.0	100
Northampton	2.0	91	2.5	1.2	0.8	97	2.8	1.2	1.0	96
Nottingham City	4.0	96	3.7	1.7	0.7	91	4.2	1.6	1.4	93
West Midlands	2.9	91	2.7	1.3	0.8	92	2.3	1.2	1.3	92
City Hospital (Birmingham)	1.3	95	3.4	1.6	0.6	94	2.7	1.1	1.0	95
Dudley & Wolverhampton	2.4	100	1.6	0.9	0.5	98	2.2	1.1	0.8	97
Hereford & Worcester County	3.2	85	2.4	1.4	0.6	95	2.3	1.3	1.1	93
North Staffordshire	1.9	91	2.3	0.9	1.7	93	2.1	1.6	1.8	93
Shropshire (Shrewsbury)	5.9	88	2.1	1.2	1.6	92	1.5	0.9	2.5	92
South Birmingham	1.9	93	1.3	1.4	1.4	92	2.8	1.5	1.7	93
South Staffordshire	1.6	92	3.9	1.6	0.5	93	3.1	1.3	0.7	94
Walsall & Sandwell	3.7	81	2.4	1.2	0.5	80	1.5	0.9	1.4	79
Warwickshire, Solihull, Coventry	3.5	100	3.3	1.1	0.7	89	2.4	1.2	1.3	91

continued

⁽¹⁾ Benign Biopsy rate : number of benign biopsies per 1,000 women screened

⁽²⁾ Preoperative Diagnosis rate : percentage of cancers diagnosed cytologically or histologically without surgery (% of all cancers diagnosed)

⁽³⁾ Small cancer detection rate : number of invasive cancers smaller than 15mm detected (per 1,000 women screened)

⁽⁴⁾ SDR (all invasive cancers) : ratio of the observed number of invasive cancers to the expected number based on applying criteria from the Swedish Two County randomised control trial, which is used as a yard stick of performance. An SDR of 1 equates to approximate parity with the Swedish trial. An SDR of 1 with an uptake of 70% should achieve a mortality reduction of approximately 25% .

Table 14 cont. Breast screening programme : Selected diagnostic and outcome statistics for women aged 50-64, by unit 2002-03

Breast Screening Unit	Prevalent round (A+B)				Incident round (C1)				All women (T)	
	Benign Biopsy rate per 1,000	Preoperative Diagnosis rate %	Small cancers detected (<15mm) per 1,000	Standardised detection ratio (SDR) ⁽⁴⁾	Benign Biopsy rate per 1,000	Preoperative Diagnosis rate %	Small cancers detected (<15mm) per 1,000	Standardised detection ratio (SDR) ⁽⁴⁾	Benign Biopsy rate per 1,000	Preoperative Diagnosis rate %
England	2.5	89	2.9	1.4	0.8	92	2.8	1.3	1.2	91
East of England	2.5	91	3.1	1.4	1.0	91	2.8	1.3	1.4	91
Beds & Herts	1.1	84	2.7	1.1	0.5	88	2.9	1.4	0.8	86
Cambridge & Huntingdon	2.9	91	6.1	2.3	1.0	95	4.4	1.6	1.3	95
Colchester & Chelmsford	2.4	84	2.1	1.0	0.6	85	1.1	1.0	1.0	85
East Suffolk	3.8	100	1.7	1.3	0.7	97	2.3	1.0	1.5	98
Epping	2.4	88	1.6	1.4	1.3	87	2.4	1.3	1.9	85
James Paget	-	100	5.9	1.7	-	94	4.3	1.4	0.1	96
Kings Lynn	3.6	94	6.2	2.9	1.7	82	2.8	1.0	2.5	86
Norfolk and Norwich	3.1	96	2.8	1.5	1.5	98	3.8	1.4	1.8	98
Peterborough	3.6	92	2.4	1.2	1.4	91	4.2	1.7	2.0	91
South Essex	2.6	88	2.3	1.1	1.4	90	2.6	1.1	1.8	90
West Suffolk	4.5	100	4.5	1.7	1.3	90	1.8	1.5	2.1	94
London	2.1	86	2.8	1.2	0.6	91	2.7	1.3	1.1	89
Barking, Havering & Brentwood	1.4	91	4.2	1.5	-	95	2.3	1.3	0.4	92
Central & East London	2.5	72	2.5	1.0	1.0	94	3.3	1.1	1.8	86
North Middlesex (Enfield & Haringey)	2.9	92	2.5	0.9	0.5	85	3.0	1.7	1.3	87
North of London (Edgware)	1.8	93	2.2	1.0	0.9	95	2.7	1.2	1.1	94
South East London	2.1	97	2.6	1.0	0.8	95	2.6	1.3	1.2	94
South West London	2.2	85	3.1	1.4	0.4	89	3.5	1.7	1.1	88
West of London (Charing Cross)	2.2	81	2.7	1.4	0.7	88	2.0	1.1	1.1	85
Whipps Cross	1.4	67	2.7	1.3	0.7	92	1.4	0.8	0.8	79
South East	2.2	89	2.7	1.4	0.7	91	2.7	1.2	1.1	90
Aylesbury	3.3	80	3.3	1.7	0.9	94	1.2	0.8	1.2	91
Basingstoke	2.3	100	3.5	1.8	0.6	82	2.5	1.1	1.0	88
Canterbury	1.4	100	3.1	1.2	1.3	87	2.1	1.0	1.5	91
East Berkshire	3.9	100	1.7	1.1	0.7	95	2.2	1.2	1.3	95
East Sussex (Brighton)	3.4	96	2.6	1.8	0.8	92	2.6	1.2	1.4	91
Guildford	2.9	87	2.9	1.2	0.6	95	3.9	1.4	1.1	93
High Wycombe	0.8	100	4.8	1.9	1.1	87	4.2	1.4	1.2	88
Isle Of Wight	1.2	75	2.3	1.2	0.3	100	0.9	0.9	0.6	95
Maidstone	0.9	82	3.6	1.5	0.5	90	2.8	1.0	0.9	89
Medway	2.5	80	2.9	1.7	0.1	92	2.9	1.1	0.7	89
Milton Keynes	-	100	1.6	1.4	0.3	94	2.0	1.1	0.2	96
Oxford	2.1	85	3.0	1.4	1.2	94	2.9	1.4	1.5	91
Portsmouth	1.4	86	3.2	1.6	0.6	95	2.8	1.3	0.8	93
Southampton (Salisbury)	3.8	86	2.1	1.2	1.1	88	2.5	1.3	1.7	86
West Berkshire	2.1	88	2.1	1.4	0.2	90	3.0	1.3	0.7	90
Winchester	-	50	-	0.6	-	70	1.8	1.1	0.2	71
Worthing	1.5	93	2.2	1.1	0.3	89	1.8	1.1	0.7	88
South West	2.6	86	2.6	1.3	0.9	94	3.4	1.5	1.3	91
Avon	3.6	88	2.5	1.1	1.3	93	3.6	1.4	1.8	91
Cornwall	4.5	89	1.3	0.5	0.8	90	3.3	1.6	1.7	89
Dorset	1.6	88	3.0	1.3	0.5	96	3.5	1.8	0.7	94
East Devon	5.4	67	4.1	2.0	1.4	91	3.1	1.3	2.6	80
Gloucester	2.0	88	1.3	1.3	0.7	97	3.3	1.5	1.1	96
Somerset	1.6	78	2.8	1.5	0.5	92	4.3	1.8	0.7	89
Swindon & Bath	0.9	100	2.7	1.3	1.1	93	3.0	1.1	1.0	93
West Devon	1.8	92	3.3	2.0	0.9	95	3.2	1.5	1.0	92

Source: KC62 Tables A,B,C1 and T

⁽¹⁾ Benign Biopsy rate : number of benign biopsies per 1,000 women screened

⁽²⁾ Preoperative Diagnosis rate : percentage of cancers diagnosed cytologically or histologically without surgery (% of all cancers diagnosed)

⁽³⁾ Small cancer detection rate : number of invasive cancers smaller than 15mm detected (per 1,000 women screened)

⁽⁴⁾ SDR (all invasive cancers) : ratio of the observed number of invasive cancers to the expected number based on applying criteria from the Swedish Two County randomised control trial, which is used as a yard stick of performance. An SDR of 1 equates to approximate parity with the Swedish trial. An SDR of 1 with an uptake of 70% should achieve a mortality reduction of approximately 25% .