

DRAFT - CONFIDENTIAL

BREAST SCREENING RESULTS FROM THE NHSBSP

(England, Wales, Scotland & Northern Ireland)

2004/05

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Table 1 Number of women screened by age-group

Age-group	Number of women screened						Total
	By invitation		Self/GP referral				
	First invitation	Previous non-responders	Incident round	No previous screen	Previously screened	Short-term recall	
Under 50	32846	136	2141	115	45	5	35288
50-54	247676	20850	210797	8214	2727	1130	491394
55-59	5552	16578	484312	2946	7936	686	518010
60-64	3371	5478	383872	1631	7539	502	402393
65-70	1440	2729	198282	2140	51066	357	256014
71 or over	40	33	894	3566	41437	116	46086
Total (All ages)	290925	45804	1280298	18612	110750	2796	1749185

Table 2 Acceptance by type of screening

Age-group	1 st screen		Previous non-attenders		Incident Round		Short-term Recall		Total	
	% acc.	No. invited	% acc.	No. invited	% acc.	No. invited	% acc.	No. invited	% acc.	No. invited
Under 50	73.0	45008	22.0	617	77.7	2754	71.4	7	72.6	48386
50-54	74.2	333631	32.9	63418	86.2	244455	97.8	1156	74.8	642660
55-59	36.4	15270	19.0	87052	85.3	567562	97.0	707	75.6	670591
60-64	34.2	9848	10.4	52661	83.3	460578	96.2	522	75.1	523609
65-70	28.1	5128	9.0	30499	79.3	250106	97.8	365	70.9	286098
71 or over	66.7	60	30.0	110	82.7	1081	96.7	120	79.0	1371
Total (50-64)	71.5	358749	21.1	203131	84.8	1272595	97.2	2385	75.2	1836860
Total (50-70)	70.9	363877	19.5	233630	83.9	1522701	97.3	2750	74.6	2122958

Table 3 Outcome of prevalent screens (First invitation and previous non-attenders)

Age-group	No. of women screened	Cancers detected											
		Referred for assessment		In-situ and micro-invasive		Invasive		<15mm (<10mm bracketed)		Total			
		% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.		
Under 50	32982	8.2	2708	0.21	69	0.47	154	0.24	(0.12)	79	(40)	0.68	224
50-54	268526	8.5	22722	0.20	526	0.53	1424	0.26	(0.12)	691	(327)	0.73	1955
55-59	22130	7.7	1692	0.24	53	0.82	182	0.42	(0.15)	93	(33)	1.08	238
60-64	8849	7.6	672	0.18	16	1.11	98	0.43	(0.20)	38	(18)	1.30	115
65-70	4169	7.7	323	0.24	10	1.34	56	0.62	(0.31)	26	(13)	1.63	68
71 or over	73	9.6	7	0.00	0	1.37	1	1.37	(1.37)	1	(1)	1.37	1
Total (50-64)	299505	8.4	25086	0.20	595	0.57	1704	0.27	(0.13)	822	(378)	0.77	2308
Total (50-70)	303674	8.4	25409	0.20	605	0.58	1760	0.28	(0.13)	848	(391)	0.78	2376

Table 4 Outcome of prevalent screens (First invitations)

Age-group	No. of women screened	Cancers detected											
		Referred for assessment		In-situ and micro-invasive		Invasive		<15mm (<10mm bracketed)		Total			
		% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.		
Under 50	32846	8.2	2691	0.21	68	0.47	153	0.24	(0.12)	78	(40)	0.68	222
50-54	247676	8.5	20982	0.20	488	0.52	1279	0.25	(0.12)	621	(290)	0.72	1771
55-59	5552	6.5	362	0.16	9	0.43	24	0.18	(0.07)	10	(4)	0.61	34
60-64	3371	6.5	218	0.18	6	0.71	24	0.36	(0.15)	12	(5)	0.92	31
65-70	1440	7.0	101	0.42	6	1.39	20	0.69	(0.35)	10	(5)	1.81	26
71 or over	40	17.5	7	0.00	0	2.50	1	2.50	(2.50)	1	(1)	2.50	1
Total (50-64)	256599	8.4	21562	0.20	503	0.52	1327	0.25	(0.12)	643	(299)	0.72	1836
Total (50-70)	258039	8.4	21663	0.20	509	0.52	1347	0.25	(0.12)	653	(304)	0.72	1862

Table 5 Outcome of prevalent screens (Previous non-responders)

Age-group	No. of women screened	Cancers detected											
		Referred for assessment		In-situ and micro-invasive		Invasive		<15mm (<10mm bracketed)		Total			
		% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.		
Under 50	136	12.5	17	0.74	1	0.74	1	0.74	(0.00)	1	(0)	1.47	2
50-54	20850	8.3	1740	0.18	38	0.70	145	0.34	(0.18)	70	(37)	0.88	184
55-59	16578	8.0	1330	0.27	44	0.95	158	0.50	(0.17)	83	(29)	1.23	204
60-64	5478	8.3	454	0.18	10	1.35	74	0.47	(0.24)	26	(13)	1.53	84
65-70	2729	8.1	222	0.15	4	1.32	36	0.59	(0.29)	16	(8)	1.54	42
71 or over	33	0.0	0	0.00	0	0.00	0	0.00	(0.00)	0	(0)	0.00	0
Total (50-64)	42906	8.2	3524	0.21	92	0.88	377	0.42	(0.18)	179	(79)	1.10	472
Total (50-70)	45635	8.2	3746	0.21	96	0.91	413	0.43	(0.19)	195	(87)	1.13	514

Table 6 Outcome of incident screens

Age-group	No. of women screened	Cancers detected											
		Referred for assessment		In-situ and micro-invasive		Invasive		<15mm (<10mm bracketed)		Total			
		% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.		
Under 50	2141	4.0	85	0.05	1	0.14	3	0.05	(0.05)	1	(1)	0.19	4
50-54	210797	3.7	7857	0.12	245	0.38	806	0.21	(0.09)	437	(200)	0.50	1053
55-59	484312	3.6	17532	0.14	671	0.51	2450	0.28	(0.13)	1333	(642)	0.65	3134
60-64	383872	3.8	14471	0.16	629	0.69	2632	0.38	(0.18)	1444	(681)	0.85	3276
65-70	198282	4.2	8413	0.19	386	0.89	1774	0.48	(0.21)	957	(414)	1.09	2171
71 or over	894	5.7	51	0.67	6	1.01	9	0.56	(0.22)	5	(2)	1.68	15
Total (50-64)	1078981	3.7	39860	0.14	1545	0.55	5888	0.30	(0.14)	3214	(1523)	0.69	7463
Total (50-70)	1277263	3.8	48273	0.15	1931	0.60	7662	0.33	(0.15)	4171	(1937)	0.75	9634

Table 7 Outcome of incident screens (within 5 yrs. of previous screen)

Age-group	No. of women screened	Cancers detected											
		Referred for assessment		In-situ and micro-invasive		Invasive		<15mm (<10mm bracketed)		Total			
		% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.		
Under 50	1877	3.8	71	0.05	1	0.11	2	0.05	(0.05)	1	(1)	0.16	3
50-54	204513	3.7	7504	0.11	235	0.38	778	0.21	(0.09)	424	(194)	0.50	1015
55-59	452902	3.5	15905	0.14	612	0.49	2230	0.27	(0.13)	1219	(595)	0.63	2854
60-64	355258	3.6	12937	0.16	571	0.66	2362	0.37	(0.17)	1301	(615)	0.83	2947
65-70	134029	3.7	5017	0.16	216	0.80	1072	0.44	(0.19)	589	(256)	0.97	1296
71 or over	263	3.4	9	0.76	2	0.76	2	0.38	(0.00)	1	(0)	1.52	4
Total (50-64)	1012673	3.6	36346	0.14	1418	0.53	5370	0.29	(0.14)	2944	(1404)	0.67	6816
Total (50-70)	1146702	3.6	41363	0.14	1634	0.56	6442	0.31	(0.14)	3533	(1660)	0.71	8112

Table 8 Outcome of incident screens (more than 5 yrs. of previous screen)

Age-group	No. of women screened	Cancers detected											
		Referred for assessment		In-situ and micro-invasive		Invasive		<15mm (<10mm bracketed)		Total			
		% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.		
Under 50	264	5.3	14	0.00	0	0.38	1	0.00	(0.00)	0	(0)	0.38	1
50-54	6284	5.6	353	0.16	10	0.45	28	0.21	(0.10)	13	(6)	0.60	38
55-59	31410	5.2	1627	0.19	59	0.70	220	0.36	(0.15)	114	(47)	0.89	280
60-64	28614	5.4	1534	0.20	58	0.94	270	0.50	(0.23)	143	(66)	1.15	329
65-70	64253	5.3	3396	0.26	170	1.09	702	0.57	(0.25)	368	(158)	1.36	875
71 or over	631	6.7	42	0.63	4	1.11	7	0.63	(0.32)	4	(2)	1.74	11
Total (50-64)	66308	5.3	3514	0.19	127	0.78	518	0.41	(0.18)	270	(119)	0.98	647
Total (50-70)	130561	5.3	6910	0.23	297	0.93	1220	0.49	(0.21)	638	(277)	1.17	1522

Table 9 Outcome of Short-term recalls

Age-group	No. of women screened	Cancers detected											
		Referred for assessment		In-situ and micro-invasive		Invasive		<15mm (<10mm bracketed)			Total		
		% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.		
Under 50	5	100	5	0.00	0	0.00	0	0.00	(0.00)	0	(0)	0.00	0
50-54	1130	86.5	977	0.80	9	1.33	15	1.06	(0.80)	12	(9)	2.12	24
55-59	686	88.9	610	2.04	14	2.48	17	1.46	(0.87)	10	(6)	4.66	32
60-64	502	88.2	443	1.39	7	2.59	13	1.99	(1.00)	10	(5)	3.98	20
65-70	357	87.4	312	1.40	5	2.80	10	1.68	(0.84)	6	(3)	4.20	15
71 or over	116	75.9	88	0.00	0	6.03	7	5.17	(3.45)	6	(4)	6.03	7
Total (50-64)	2318	87.6	2030	1.29	30	1.94	45	1.38	(0.86)	32	(20)	3.28	76
Total (50-70)	2675	87.6	2342	1.31	35	2.06	55	1.42	(0.86)	38	(23)	3.40	91

Table 10 Outcome of self/GP referrals

Age-group	No. of women screened	Cancers detected											
		Referred for assessment		In-situ and micro-invasive		Invasive		<15mm (<10mm bracketed)				Total	
		% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.
Under 50	160	6.9	11	0.00	0	1.25	2	0.63	(0.00)	1	(0)	1.25	2
50-54	10941	8.1	886	0.17	19	0.54	59	0.29	(0.14)	32	(15)	0.71	78
55-59	10882	5.3	571	0.17	19	0.66	72	0.31	(0.14)	34	(15)	0.85	92
60-64	9170	5.5	508	0.25	23	1.06	97	0.40	(0.21)	37	(19)	1.31	120
65-70	53206	4.8	2569	0.21	110	1.10	585	0.57	(0.26)	303	(137)	1.31	695
71 or over	45003	5.2	2324	0.28	124	1.28	575	0.69	(0.31)	309	(140)	1.56	703
Total (50-64)	30993	6.3	1965	0.20	61	0.74	228	0.33	(0.16)	103	(49)	0.94	290
Total (50-70)	84199	5.4	4534	0.20	171	0.97	813	0.48	(0.22)	406	(186)	1.17	985

Table 11 Outcome of self/GP referrals (not previously screened)

Age-group	No. of women screened	Cancers detected											
		Referred for assessment		In-situ and micro-invasive		Invasive		<15mm (<10mm bracketed)				Total	
		% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.
Under 50	115	7.8	9	0.00	0	1.74	2	0.87	(0.00)	1	(0)	1.74	2
50-54	8214	9.1	745	0.18	15	0.57	47	0.29	(0.12)	24	(10)	0.75	62
55-59	2946	8.0	237	0.34	10	0.64	19	0.24	(0.10)	7	(3)	1.02	30
60-64	1631	8.9	145	0.37	6	0.92	15	0.18	(0.12)	3	(2)	1.29	21
65-70	2140	7.4	159	0.19	4	1.68	36	0.89	(0.42)	19	(9)	1.87	40
71 or over	3566	8.0	285	0.48	17	2.22	79	0.90	(0.25)	32	(9)	2.72	97
Total (50-64)	12791	8.8	1127	0.24	31	0.63	81	0.27	(0.12)	34	(15)	0.88	113
Total (50-70)	14931	8.6	1286	0.23	35	0.78	117	0.35	(0.16)	53	(24)	1.02	153

Table 12 Outcome of self/GP referrals (within 5 yrs. of previous screen)

Age-group	No. of women screened	Cancers detected											
		Referred for assessment		In-situ and micro-invasive		Invasive		<15mm (<10mm bracketed)		Total			
		% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.		
Under 50	41	4.9	2	0.00	0	0.00	0	0.00	(0.00)	0	(0)	0.00	0
50-54	2652	5.1	136	0.15	4	0.41	11	0.30	(0.19)	8	(5)	0.57	15
55-59	6927	4.3	296	0.13	9	0.71	49	0.38	(0.16)	26	(11)	0.84	58
60-64	6407	4.8	306	0.23	15	1.01	65	0.41	(0.22)	26	(14)	1.25	80
65-70	42645	4.5	1901	0.18	78	0.97	413	0.50	(0.23)	215	(98)	1.15	491
71 or over	29545	4.2	1236	0.22	66	1.00	296	0.57	(0.28)	167	(82)	1.23	363
Total (50-64)	15986	4.6	738	0.18	28	0.78	125	0.38	(0.19)	60	(30)	0.96	153
Total (50-70)	58631	4.5	2639	0.18	106	0.92	538	0.47	(0.22)	275	(128)	1.10	644

Table 13 Outcome of self/GP referrals (more than 5 yrs. from previous screen)

Age-group	No. of women screened	Cancers detected											
		Referred for assessment		In-situ and micro-invasive		Invasive		<15mm (<10mm bracketed)		Total			
		% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.		
Under 50	4	0.0	0	0.00	0	0.00	0	0.00	(0.00)	0	(0)	0.00	0
50-54	75	6.7	5	0.00	0	1.33	1	0.00	(0.00)	0	(0)	1.33	1
55-59	1009	3.8	38	0.00	0	0.40	4	0.10	(0.10)	1	(1)	0.40	4
60-64	1132	5.0	57	0.18	2	1.50	17	0.71	(0.27)	8	(3)	1.68	19
65-70	8421	6.0	509	0.33	28	1.62	136	0.82	(0.36)	69	(30)	1.95	164
71 or over	11892	6.8	803	0.34	41	1.68	200	0.92	(0.41)	110	(49)	2.04	243
Total (50-64)	2216	4.5	100	0.09	2	0.99	22	0.41	(0.18)	9	(4)	1.08	24
Total (50-70)	10637	5.7	609	0.28	30	1.49	158	0.73	(0.32)	78	(34)	1.77	188

Table 14 Outcome of self/GP referrals by screening history

Age-group	No. of women screened	Referred for assessment		Cancers detected									
		% of screened	No.	In-situ and micro-invasive		Invasive		<15mm (<10mm bracketed)		Total			
				% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.		
50-70													
No previous screen	14931	8.6	1286	0.23	35	0.78	117	0.35	(0.16)	53	(24)	1.02	153
Previous screen	69268	4.7	3248	0.20	136	1.00	696	0.51	(0.23)	353	(162)	1.20	832
71 or over													
No previous screen	3566	8.0	285	0.48	17	2.22	79	0.90	(0.25)	32	(9)	2.72	97
Previous screen	41437	4.9	2039	0.26	107	1.2	496	0.67	(0.32)	277	(131)	1.46	606

Table 15 Outcome of prevalent screens (First invitation and previous non-responders) by region, ages 50-70

Region	Acceptance	Referral	Benign Biopsy	Non-operative diagnosis	Invasive Cancer detection rate per 1000 screened
	% of screened	% of screened	% of screened	% of cancers	
North East, Yorkshire & Humber	51.7	7.1	0.21	89.7	5.5
East Midlands	56.7	8.0	0.17	90.1	5.1
West Midlands	50.0	7.4	0.15	93.1	5.3
North West	48.0	8.3	0.20	90.3	5.8
East of England	53.0	8.8	0.24	88.1	6.2
London	37.7	8.0	0.17	89.4	6.0
South East	53.9	8.6	0.21	92.0	6.3
South West	56.9	9.6	0.28	88.7	6.0
Scotland ¹	55.3	10.2	0.23	-	5.8
Wales	54.4	7.8	0.16	87.7	5.9
Northern Ireland	54.4	7.4	0.23	94.4	4.7

¹ Data omitted where not comparable

Table 16 Outcome of prevalent screens (First invitations) by region, ages 50-70

Region	Acceptance	Referral	Benign Biopsy	Non-operative diagnosis	Invasive Cancer detection rate per 1000 screened
	% of screened	% of screened	% of screened	% of cancers	
North East, Yorkshire & Humber	74.5	7.1	0.23	88.7	5.2
East Midlands	77.7	8.0	0.17	88.5	4.9
West Midlands	72.2	7.5	0.16	93.3	4.7
North West	69.5	8.3	0.21	90.0	5.0
East of England	72.5	8.9	0.26	87.5	5.7
London	55.4	8.0	0.16	89.1	5.4
South East	72.5	8.5	0.22	90.8	5.3
South West	72.3	9.6	0.27	89.0	5.9
Scotland ²	75.5	10.3	0.24	-	5.2
Wales	72.7	7.7	0.17	85.4	5.1
Northern Ireland	73.3	7.5	0.21	93.3	4.5

² Data omitted where not comparable

Table 17 Outcome of incident screens by region, ages 50-70

Region	Acceptance	Referral	Benign Biopsy	Non-operative diagnosis	Invasive Cancer detection rate per 1000 screened
	% of screened	% of screened	% of screened	% of cancers	
North East, Yorkshire & Humber	84.5	3.3	0.08	94.5	6.0
East Midlands	86.5	3.7	0.07	96.0	6.2
West Midlands	84.2	3.5	0.06	95.3	6.1
North West	83.3	3.7	0.08	93.0	5.7
East of England	84.6	4.2	0.09	93.9	6.5
London	76.0	3.4	0.07	94.1	5.7
South East	84.7	3.7	0.08	92.6	5.8
South West	85.3	4.6	0.09	91.7	6.5
Scotland ³	84.7	4.2	0.07	-	5.7
Wales	84.7	4.0	0.08	96.5	6.2
Northern Ireland	86.1	3.1	0.06	95.3	5.5

³ Data omitted where not comparable

Table 18 Outcome of self/GP referrals by region, ages 50-70

Region	Referral	Benign Biopsy	Non-operative diagnosis	Invasive Cancer detection rate per 1000 screened
	% of screened	% of screened	% of cancers	
North East, Yorkshire & Humber	4.7	0.04	94.4	9.9
East Midlands	5.4	0.08	98.0	7.8
West Midlands	4.6	0.08	91.0	9.1
North West	5.7	0.17	95.5	11.0
East of England	5.5	0.13	95.7	10.0
London	5.4	0.17	93.9	9.1
South East	5.5	0.15	93.3	10.8
South West	6.3	0.14	94.7	9.9
Scotland ⁴	5.9	0.06	-	7.9
Wales	4.5	0.13	97.0	9.3
Northern Ireland	5.9	0.15	93.8	11.1

⁴ Data omitted where not comparable

Table 19 Assessment outcomes, ages 50-70

	No. of women screened	Referred for cytology/ open biopsy		Benign biopsy		Non-operative diagnosis	
		% of screened	No.	% of screened	No.	% all cancers	No.
Prevalent	303674	3.5	10514	0.2	625	80.4	1911
Incident	1277263	1.6	20390	0.1	993	86.5	8334
Self/GP referral	84199	2.4	2056	0.1	100	88.3	870
Short-term recall	2675	12.6	337	1.3	34	78.0	71

Table 20 Women placed on Short-term recall, ages 50-70

	No. of women Screened	Short-term recall following initial screen		Short-term recall following assessment		Total	
		% of screened	No.	% of screened	No.	% of screened	No.
Prevalent	303674	0.0	0	0.3	788	0.3	788
Incident	1277263	0.0	0	0.1	1252	0.1	1252
Self/GP referral	84199	0.0	0	0.2	148	0.2	148
Short-term recall	2675	0.1	1	5.2	138	5.2	139

Table 21 Assessment outcomes of prevalent screens (First invitations and previous non-attenders)

	No. of women screened	Referred for cytology/ open biopsy		Benign biopsy		Non-operative diagnosis	
		% of screened	No.	% of screened	No.	% all cancers	No.
Under 50	32982	3.0	1001	0.2	63	88.8	199
50-54	268526	3.4	9196	0.2	564	80.7	1577
55-59	22130	3.5	776	0.2	36	79.4	189
60-64	8849	4.0	355	0.2	15	79.1	91
65-70	4169	4.5	187	0.2	10	79.4	54
71 or over	73	2.7	2	0.0	0	0.0	0
Total (50-64)	299505	3.4	10327	0.2	615	80.5	1857
Total (50-70)	303674	3.5	10514	0.2	625	80.4	1911

Table 22 Assessment outcomes of incident screens

	No. of women screened	Referred for cytology/ open biopsy		Benign biopsy		Non-operative diagnosis	
		% of screened	No.	% of screened	No.	% all cancers	No.
Under 50	2141	1.1	24	0.1	1	100	4
50-54	210797	1.3	2730	0.1	176	87.2	918
55-59	484312	1.4	7011	0.1	356	86.8	2720
60-64	383872	1.7	6450	0.1	293	86.6	2838
65-70	198282	2.1	4199	0.1	168	85.6	1858
71 or over	894	3.4	30	0.1	1	66.7	10
Total (50-64)	1078981	1.5	16191	0.1	825	86.8	6476
Total (50-70)	1277263	1.6	20390	0.1	993	86.5	8334

Table 23 Assessment outcomes of Short-term recalls

	No. of women screened	Referred for cytology/ open biopsy		Benign biopsy		Non-operative diagnosis	
		% of screened	No.	% of screened	No.	% all cancers	No.
Under 50	5	20.0	1	0.0	0	0.0	0
50-54	1130	12.4	140	1.1	12	75.0	18
55-59	686	13.8	95	1.9	13	71.9	23
60-64	502	12.0	60	1.4	7	80.0	16
65-70	357	11.8	42	0.6	2	93.3	14
71 or over	116	13.8	16	1.7	2	100	7
Total (50-64)	2318	12.7	295	1.4	32	75.0	57
Total (50-70)	2675	12.6	337	1.3	34	78.0	71

Table 24 Assessment outcomes of self/GP referrals

	No. of women screened	Referred for cytology/ open biopsy		Benign biopsy		Non-operative diagnosis	
		% of screened	No.	% of screened	No.	% all cancers	No.
Under 50	160	1.9	3	0.0	0	100	2
50-54	10941	3.0	327	0.2	23	84.6	66
55-59	10882	2.2	237	0.1	11	79.3	73
60-64	9170	2.6	242	0.1	12	86.7	104
65-70	53206	2.3	1250	0.1	54	90.2	627
71 or over	45003	2.7	1207	0.1	37	86.6	609
Total (50-64)	30993	2.6	806	0.1	46	83.8	243
Total (50-70)	84199	2.4	2056	0.1	100	88.3	870

Table 25 Assessment outcomes of self/GP referrals (not previously screened)

	No. of women screened	Referred for cytology/ open biopsy		Benign biopsy		Non-operative diagnosis	
		% of screened	No.	% of screened	No.	% all cancers	No.
Under 50	115	2.6	3	0.0	0	100	2
50-54	8214	3.4	281	0.2	20	83.9	52
55-59	2946	3.4	99	0.2	5	73.3	22
60-64	1631	3.6	59	0.1	2	76.2	16
65-70	2140	3.2	69	0.1	2	95.0	38
71 or over	3566	4.3	155	0.1	4	89.7	87
Total (50-64)	12791	3.4	439	0.2	27	79.6	90
Total (50-70)	14931	3.4	508	0.2	29	83.7	128

Table 26 Assessment outcomes of self/GP referrals (within 5 yrs. of previous screen)

	No. of women screened	Referred for cytology/ open biopsy		Benign biopsy		Non-operative diagnosis	
		% of screened	No.	% of screened	No.	% all cancers	No.
Under 50	41	0.0	0	0.0	0	0.0	0
50-54	2652	1.7	44	0.1	3	86.7	13
55-59	6927	1.8	128	0.1	6	82.8	48
60-64	6407	2.3	145	0.1	9	90.0	72
65-70	42645	2.1	914	0.1	38	89.6	440
71 or over	29545	2.1	625	0.1	18	83.7	304
Total (50-64)	15986	2.0	317	0.1	18	86.9	133
Total (50-70)	58631	2.1	1231	0.1	56	89.0	573

Table 27 Assessment outcomes of self/GP referrals (more than 5 yrs. from previous screen)

	No. of women screened	Referred for cytology/ open biopsy		Benign biopsy		Non-operative diagnosis	
		% of screened	No.	% of screened	No.	% all cancers	No.
Under 50	4	0.0	0	0.0	0	0.0	0
50-54	75	2.7	2	0.0	0	100	1
55-59	1009	1.0	10	0.0	0	75.0	3
60-64	1132	3.4	38	0.1	1	84.2	16
65-70	8421	3.2	267	0.2	14	90.9	149
71 or over	11892	3.6	427	0.1	15	89.7	218
Total (50-64)	2216	2.3	50	0.1	1	83.3	20
Total (50-70)	10637	3.0	317	0.1	15	89.9	169

Table 28 Number and percentage of cancers; insitu, invasive status not known or size not known, ages 50-70

	In-situ/ microinvasive		Invasive status not known		Invasive size not known		Total cancers
	No.	% of cancers	No.	% of cancers	No.	% of cancers	
Prevalent	605	25.5	11	0.5	52	2.2	2376
Incident	1931	20.0	41	0.4	150	1.6	9634
Self/GP referral	171	17.4	1	0.1	24	2.4	985
Short-term recall	35	38.5	1	1.1	1	1.1	91

Table 29 Percentage of sized invasive cancers <10mm and <15mm, ages 50-70

	Invasive Cancers	<10mm		<15mm	
		No.	%	No.	%
Prevalent	1760	391	22.9	848	49.7
Incident	7662	1937	25.8	4171	55.5
Self/GP referral	813	186	23.6	406	51.5
Short-term recall	55	23	42.6	38	70.4

Table 30 Total screening activity - all ages

Age-group	No. of women screened	Cancers detected											
		Referred for assessment		In-situ and micro-invasive		Invasive		<15mm (<10mm bracketed)				Total	
		% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.
Under 50	35288	8.0	2809	0.2	70	0.5	159	0.23	(0.12)	81	(41)	0.65	230
50-64	1411797	4.9	68941	0.2	2231	0.6	7865	0.30	(0.14)	4171	(1970)	0.72	10137
65-70	256014	4.5	11617	0.2	511	0.9	2425	0.50	(0.22)	1292	(567)	1.15	2949
71 or over	46086	5.4	2470	0.3	130	1.3	592	0.70	(0.32)	321	(147)	1.58	726
Total (All ages)	1749185	4.9	85837	0.2	2942	0.6	11041	0.34	(0.16)	5865	(2725)	0.80	14042

Table 31 Total historic screening activity, ages 50-64

Year	No. of women screened	Cancers detected											
		Referred for assessment		In-situ and micro-invasive		Invasive		<15mm (<10mm bracketed)		Total			
		% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.	% of screened	No.		
2004/5 (current)	1411797	4.9	68941	0.2	2231	0.6	7865	0.30	(0.14)	4171	(1970)	0.72	10137
2003/4	1403375	5.2	72495	0.2	2197	0.6	7811	0.29	(0.14)	4108	(1925)	0.71	10033
2002/3	1370677	5.2	71109	0.2	2017	0.5	7317	0.29	(0.13)	3966	(1822)	0.68	9363
2001/2	1330896	5.4	71465	0.1	1887	0.5	6588	0.26	(0.12)	3509	(1651)	0.64	8518
2000/1	1372966	5.3	73187	0.1	1830	0.5	6649	0.26	(0.12)	3542	(1627)	0.62	8510

Table 32 Standardised Detection Ratio, by region, ages 50-70

Region	Prevalent	Incident	Overall
North East, Yorkshire & Humber	1.37	1.41	1.40
East Midlands	1.27	1.50	1.46
West Midlands	1.32	1.43	1.41
North West	1.43	1.28	1.31
East of England	1.53	1.45	1.47
London	1.38	1.34	1.35
South East	1.50	1.39	1.42
South West	1.49	1.52	1.51
Scotland	1.34	1.29	1.30
Wales	1.50	1.50	1.50
Northern Ireland	1.16	1.35	1.30
Total	1.41	1.40	1.40
(Total previous year)	(1.38)	(1.42)	(1.41)

Table 33 Number and percentage of screening programmes meeting standards (95 screening programmes)

	Minimum Standard	No.	%	Target	No.	%
Prevalent Round (1st invitation only - ages 50-52)						
Acceptance rate	>=70%	84	88.4	>=80%	19	20
Invasive cancer detection rate	>= 2.7 p. 1000	90	94.7	>= 3.6 p. 1000	79	83.2
Insitu and microinvasive detection rate	>=0.4 p. 1000	90	94.7			
Standardised detection ratio (SDR) ¹	>= 0.85	86	90.5	>= 1.0	80	84.2
Invasive cancers < 15mm	>= 1.5 p.1000	76	80.0	>= 2.0 p. 1000	61	64.2
Referred for assessment	<10%	74	77.9	<7%	25	26.3
Placed on Short-term recall	<0.5%	79	83.2	<=0.25%	52	54.7
Non-operative diagnosis of cancer (excl. Scotland)	>= 80%	77	86.5	>= 90%	45	50.6
Benign biopsy rate	< 3.6 p. 1000	88	92.6	< 1.8 p. 1000	39	41.1
Incident Round (last screen within 5 years - ages 53-70)						
Acceptance rate	>=70%	95	100	>= 80%	93	97.9
Invasive cancer detection rate	>= 3.1 p. 1000	95	100	>= 4.2 p. 1000	91	95.8
Insitu and microinvasive detection rate	>= 0.5 p. 1000	91	95.8			
Standardised detection ratio (SDR) ²	>= 0.85	95	100	>= 1.0	92	96.8
Invasive cancers < 15mm	>= 1.7 p. 1000	94	98.9	>= 2.5 p. 1000	73	76.8
Referred for assessment	<7%	95	100	<5%	88	92.6
Placed on Short-term recall	<0.5%	94	98.9	<=0.25%	88	92.6
Non-operative diagnosis of cancer (excl. Scotland)	>= 80%	89	100	>= 90%	72	75.8
Benign biopsy rate	< 2.0 p. 1000	95	100	< 1.0 p. 1000	72	75.8

¹ First invitation and previous non-attenders (Tables A and B) and ages 50-70

² Incident Round (last screen within 5 years) and ages 50-70

Appendix - definitions

Uptake tables (Tables 1 and 2)

Number invited = column 1

Number of women screened = column 3

% accepting = column 3 / column 1 * 100

Outcome tables by age (Table 3+)

Number of women screened = column 3 (divisor for %)

Number referred for assessment = column 7

Number of insitu and microinvasive = column 27 + column 28

Number of invasive cancers = column 35

Number of invasive cancers <15mm = column 29 + column 30

Number of invasive cancers <10mm = column 29

Outcome tables by region (Table 14+)

Acceptance = column 3 / column 1 * 100

Referral = column 7 / column 3 * 100

Benign Biopsy = (column 22 + column 23) / column 3 * 100

Non-operative diagnosis of cancer = column 18 / column 25 * 100

Cancer detection rate = column 35 / column 3 * 1000

Assessment outcome tables (Table 18 and 20+)

Number of women screened = column 3

Number referred for cytology/open biopsy = column 14 + column 20

% referred for cytology/open biopsy = (column 14 + column 20) / column 3

Number of benign biopsies = column 22 + column 23

% benign biopsy = (column 22 + column 23) / column 3

Number having a non-operative diagnosis = column 18

% having a non-operative diagnosis of all cancers = column 18 / column 25

Women placed on short-term recall (Table 19)

Number of women screened = column 3 (divisor for %)

Number of short-term recall following initial screen = column 6

Number of short-term recall following assessment = column 11

Cancers (Table 27)

Number of insitu and microinvasive = column 27 + column 28

Number of invasive status not known = column 26

Number of invasive size not known = column 34

Total cancers = column 25 (divisor for %)

Size of cancers (Table 28)

Number of invasive cancers = column 35

Number of cancers <10mm = column 29

Number of cancers <15mm = column 29 + column 30

Divisor for % = column 35 - column 34 ie sized cancers

Total screening activity (Table 29)

See outcome tables by age

Standardised Detection Ratio (Table 30)

SDR = column 49 / column 50

Programmes meeting standards (Table 31)

Acceptance rate = column 3 / column 1 * 100

Invasive cancer detection rate = column 35 / column 3 * 1000

Insitu and microinvasive detection rate = (column 27 + column 28) / column 3 * 1000

SDR = column 49 / column 50

Invasive cancers < 15mm = (column 29 + column 30) / column 3 * 1000

Referred for assessment = column 7 / column 3 * 100

Placed on short-term recall = (column 6 + column 11) / column 3 * 100

Non-operative diagnosis of cancer = column 18 / column 25 * 100

Benign biopsy rate = (column 22 + column 23) / column 3 * 100