

DRAFT - CONFIDENTIAL

BREAST SCREENING RESULTS FROM THE NHSBSP

(England, Wales, Scotland & Northern Ireland)

2007/08

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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	38740	19	52	154	2	3	38970
50-54	264141	20907	217254	8284	2963	815	514364
55-59	3910	15960	484895	2388	7340	389	514882
60-64	2483	5856	478708	1523	7010	396	495976
65-70	2025	3347	388866	1058	10324	404	406024
71 or over	10	19	1089	2797	59370	120	63405
Total (All ages)	311309	46108	1570864	16204	87009	2127	2033621

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	71.6	54127	33.9	56	57.8	90	100	3	71.5	54276
50-54	72.3	365413	30.6	68268	84.5	257256	99.0	823	72.7	691760
55-59	30.5	12835	17.9	89028	83.6	579890	99.0	393	74.1	682146
60-64	28.4	8754	9.6	61044	82.4	581077	98.5	402	74.8	651277
65-70	25.3	8007	6.9	48757	78.8	493782	99.3	407	71.6	550953
71 or over	18.5	54	11.6	164	72.0	1513	97.6	123	66.8	1854
Total (50-64)	69.9	387002	19.6	218340	83.3	1418223	98.9	1618	73.9	2025183
Total (50-70)	69.0	395009	17.3	267097	82.1	1912005	99.0	2025	73.4	2576136

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	38759	8.7	3356	0.18	70	0.47	181	0.23	(0.11)	89	(43)	0.65	251
50-54	285048	9.0	25774	0.21	591	0.55	1555	0.26	(0.12)	732	(352)	0.75	2148
55-59	19870	8.2	1635	0.22	44	0.84	166	0.40	(0.20)	79	(40)	1.06	211
60-64	8339	8.2	686	0.14	12	1.03	86	0.55	(0.24)	46	(20)	1.18	98
65-70	5372	8.5	454	0.28	15	1.75	94	0.89	(0.48)	48	(26)	2.03	109
71 or over	29	6.9	2	0	0	0	0	0	(0)	0	(0)	0	0
Total (50-64)	313257	9.0	28095	0.21	647	0.58	1807	0.27	(0.13)	857	(412)	0.78	2457
Total (50-70)	318629	9.0	28549	0.21	662	0.60	1901	0.28	(0.14)	905	(438)	0.81	2566

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	38740	8.7	3355	0.18	70	0.47	181	0.23	(0.11)	89	(43)	0.65	251
50-54	264141	9.1	24005	0.21	552	0.54	1429	0.26	(0.12)	681	(329)	0.75	1983
55-59	3910	7.6	297	0.23	9	0.54	21	0.23	(0.10)	9	(4)	0.77	30
60-64	2483	7.9	196	0.08	2	0.77	19	0.40	(0.20)	10	(5)	0.85	21
65-70	2025	8.3	168	0.20	4	1.33	27	0.84	(0.44)	17	(9)	1.53	31
71 or over	10	0	0	0	0	0	0	0	(0)	0	(0)	0	0
Total (50-64)	270534	9.1	24498	0.21	563	0.54	1469	0.26	(0.12)	700	(338)	0.75	2034
Total (50-70)	272559	9.1	24666	0.21	567	0.55	1496	0.26	(0.13)	717	(347)	0.76	2065

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	19	5.3	1	0	0	0	0	0	(0)	0	(0)	0	0
50-54	20907	8.5	1769	0.19	39	0.60	126	0.24	(0.11)	51	(23)	0.79	165
55-59	15960	8.4	1338	0.22	35	0.91	145	0.44	(0.23)	70	(36)	1.13	181
60-64	5856	8.4	490	0.17	10	1.14	67	0.61	(0.26)	36	(15)	1.31	77
65-70	3347	8.5	286	0.33	11	2.00	67	0.93	(0.51)	31	(17)	2.33	78
71 or over	19	10.5	2	0	0	0	0	0	(0)	0	(0)	0	0
Total (50-64)	42723	8.4	3597	0.20	84	0.79	338	0.37	(0.17)	157	(74)	0.99	423
Total (50-70)	46070	8.4	3883	0.21	95	0.88	405	0.41	(0.20)	188	(91)	1.09	501

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	52	5.8	3	0	0	0	0	0	(0)	0	(0)	0	0
50-54	217254	3.6	7765	0.11	241	0.38	823	0.22	(0.10)	473	(215)	0.49	1065
55-59	484895	3.3	16155	0.13	635	0.52	2499	0.27	(0.13)	1322	(621)	0.65	3136
60-64	478708	3.4	16262	0.16	774	0.67	3222	0.36	(0.16)	1741	(784)	0.84	4005
65-70	388866	4.0	15457	0.22	838	0.88	3431	0.48	(0.22)	1859	(870)	1.10	4282
71 or over	1089	4.9	53	0.46	5	1.10	12	0.46	(0.28)	5	(3)	1.65	18
Total (50-64)	1180857	3.4	40182	0.14	1650	0.55	6544	0.30	(0.14)	3536	(1620)	0.69	8206
Total (50-70)	1569723	3.5	55639	0.16	2488	0.64	9975	0.34	(0.16)	5395	(2490)	0.80	12488

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	18	0	0	0	0	0	0	0	(0)	0	(0)	0	0
50-54	211247	3.5	7420	0.11	231	0.38	797	0.22	(0.10)	457	(211)	0.49	1029
55-59	453791	3.2	14665	0.12	561	0.50	2286	0.27	(0.13)	1224	(575)	0.63	2848
60-64	443480	3.3	14504	0.16	704	0.65	2900	0.36	(0.16)	1581	(711)	0.81	3612
65-70	315614	3.5	11182	0.19	606	0.79	2507	0.45	(0.21)	1408	(656)	0.99	3124
71 or over	712	4.2	30	0.42	3	0.84	6	0.28	(0.14)	2	(1)	1.40	10
Total (50-64)	1108518	3.3	36589	0.13	1496	0.54	5983	0.29	(0.14)	3262	(1497)	0.68	7489
Total (50-70)	1424132	3.4	47771	0.15	2102	0.60	8490	0.33	(0.15)	4670	(2153)	0.75	10613

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	34	8.8	3	0	0	0	0	0	(0)	0	(0)	0	0
50-54	6007	5.7	345	0.17	10	0.43	26	0.27	(0.07)	16	(4)	0.60	36
55-59	31104	4.8	1490	0.24	74	0.68	213	0.32	(0.15)	98	(46)	0.93	288
60-64	35228	5.0	1758	0.20	70	0.91	322	0.45	(0.21)	160	(73)	1.12	393
65-70	73252	5.8	4275	0.32	232	1.26	924	0.62	(0.29)	451	(214)	1.58	1158
71 or over	377	6.1	23	0.53	2	1.59	6	0.80	(0.53)	3	(2)	2.12	8
Total (50-64)	72339	5.0	3593	0.21	154	0.78	561	0.38	(0.17)	274	(123)	0.99	717
Total (50-70)	145591	5.4	7868	0.27	386	1.02	1485	0.50	(0.23)	725	(337)	1.29	1875

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	3	100	3	0	0	0	0	0	(0)	0	(0)	0	0
50-54	815	89.2	727	1.10	9	0.25	2	0	(0)	0	(0)	1.35	11
55-59	389	88.7	345	0.77	3	2.57	10	2.06	(1.29)	8	(5)	3.34	13
60-64	396	89.9	356	2.02	8	2.27	9	1.77	(1.26)	7	(5)	4.29	17
65-70	404	86.9	351	0.99	4	3.71	15	2.48	(1.24)	10	(5)	4.70	19
71 or over	120	81.7	98	1.67	2	1.67	2	1.67	(0.83)	2	(1)	3.33	4
Total (50-64)	1600	89.3	1428	1.25	20	1.31	21	0.94	(0.63)	15	(10)	2.56	41
Total (50-70)	2004	88.8	1779	1.20	24	1.80	36	1.25	(0.75)	25	(15)	2.99	60

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.		
Under 50	156	14.1	22	0	0	1.28	2	0.64	(0)	1	(0)	1.28	2
50-54	11247	8.1	906	0.19	21	0.54	61	0.22	(0.11)	25	(12)	0.73	82
55-59	9728	5.3	514	0.21	20	0.78	76	0.39	(0.20)	38	(19)	0.99	96
60-64	8533	5.0	424	0.21	18	1.05	90	0.50	(0.22)	43	(19)	1.27	108
65-70	11382	5.0	571	0.38	43	1.09	124	0.54	(0.25)	61	(29)	1.47	167
71 or over	62167	5.0	3087	0.24	147	1.25	775	0.65	(0.30)	406	(189)	1.49	924
Total (50-64)	29508	6.3	1844	0.20	59	0.77	227	0.36	(0.17)	106	(50)	0.97	286
Total (50-70)	40890	5.9	2415	0.25	102	0.86	351	0.41	(0.19)	167	(79)	1.11	453

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.		
Under 50	154	14.3	22	0	0	1.30	2	0.65	(0)	1	(0)	1.30	2
50-54	8284	9.2	758	0.18	15	0.62	51	0.29	(0.14)	24	(12)	0.80	66
55-59	2388	8.3	198	0.25	6	1.21	29	0.42	(0.13)	10	(3)	1.47	35
60-64	1523	7.4	112	0.20	3	1.31	20	0.59	(0.20)	9	(3)	1.51	23
65-70	1058	7.8	82	0.57	6	1.61	17	0.76	(0.28)	8	(3)	2.17	23
71 or over	2797	9.0	251	0.29	8	1.93	54	1.07	(0.43)	30	(12)	2.22	62
Total (50-64)	12195	8.8	1068	0.20	24	0.82	100	0.35	(0.15)	43	(18)	1.02	124
Total (50-70)	13253	8.7	1150	0.23	30	0.88	117	0.38	(0.16)	51	(21)	1.11	147

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	1	0	0	0	0	0	0	0	(0)	0	(0)	0	0
50-54	2868	5.0	144	0.21	6	0.35	10	0.03	(0)	1	(0)	0.56	16
55-59	6376	4.2	269	0.14	9	0.64	41	0.38	(0.20)	24	(13)	0.78	50
60-64	5705	4.3	246	0.19	11	1.05	60	0.51	(0.23)	29	(13)	1.24	71
65-70	7917	4.1	324	0.27	21	0.88	70	0.47	(0.23)	37	(18)	1.15	91
71 or over	47227	4.1	1945	0.20	96	1.02	480	0.55	(0.26)	259	(121)	1.22	578
Total (50-64)	14949	4.4	659	0.17	26	0.74	111	0.36	(0.17)	54	(26)	0.92	137
Total (50-70)	22866	4.3	983	0.21	47	0.79	181	0.40	(0.19)	91	(44)	1.00	228

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	1	0	0	0	0	0	0	0	(0)	0	(0)	0	0
50-54	95	4.2	4	0	0	0	0	0	(0)	0	(0)	0	0
55-59	964	4.9	47	0.52	5	0.62	6	0.41	(0.31)	4	(3)	1.14	11
60-64	1305	5.1	66	0.31	4	0.77	10	0.38	(0.23)	5	(3)	1.07	14
65-70	2407	6.9	165	0.66	16	1.54	37	0.66	(0.33)	16	(8)	2.20	53
71 or over	12143	7.3	891	0.35	43	1.98	241	0.96	(0.46)	117	(56)	2.34	284
Total (50-64)	2364	5.0	117	0.38	9	0.68	16	0.38	(0.25)	9	(6)	1.06	25
Total (50-70)	4771	5.9	282	0.52	25	1.11	53	0.52	(0.29)	25	(14)	1.63	78

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	13253	8.7	1150	0.23	30	0.88	117	0.38	(0.16)	51	(21)	1.11	147
Previous screen	27637	4.6	1265	0.26	72	0.85	234	0.42	(0.21)	116	(58)	1.11	306
71 or over													
No previous screen	2797	9.0	251	0.29	8	1.93	54	1.07	(0.43)	30	(12)	2.22	62
Previous screen	59370	4.8	2836	0.23	139	1.21	721	0.63	(0.30)	376	(177)	1.45	862

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	52.2	6.9	0.24	88.6	4.9
Yorkshire & Humber	48.3	7.0	0.13	94.4	6.3
East Midlands	55.2	8.1	0.22	93.8	5.1
West Midlands	46.8	8.7	0.22	91.3	6.3
North West	46.6	8.7	0.23	90.8	5.4
East of England	52.3	9.7	0.27	88.5	6.3
London	36.9	8.7	0.23	93.0	6.0
South East	49.6	9.7	0.23	91.0	5.8
South West	49.3	10.6	0.26	90.5	6.0
Scotland ¹	52.8	10.0	0.20	-	6.4
Wales	45.5	9.6	0.19	94.9	7.2
Northern Ireland	59.6	8.0	0.11	92.1	6.0

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	74.4	7.0	0.21	88.1	4.9
Yorkshire & Humber	70.8	7.2	0.14	93.8	5.5
East Midlands	75.1	8.2	0.24	93.0	4.6
West Midlands	70.4	8.7	0.23	89.5	5.5
North West	69.0	8.8	0.24	89.6	4.9
East of England	71.5	9.8	0.27	88.0	5.9
London	54.7	8.7	0.22	92.3	5.7
South East	69.0	9.7	0.22	90.5	5.3
South West	69.3	10.9	0.26	90.5	5.8
Scotland ¹	74.4	10.1	0.19	-	5.7
Wales	69.8	9.6	0.20	94.7	6.7
Northern Ireland	74.3	8.2	0.11	92.1	5.9

¹ 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	83.6	2.8	0.06	96.1	6.0
Yorkshire & Humber	83.1	3.2	0.05	97.6	6.4
East Midlands	85.0	3.5	0.05	96.6	6.7
West Midlands	83.0	3.2	0.05	96.0	6.2
North West	81.5	3.6	0.07	96.6	6.7
East of England	84.4	3.5	0.08	94.9	6.3
London	72.9	3.7	0.07	95.4	6.1
South East	82.4	3.8	0.07	94.6	6.4
South West	83.1	3.8	0.07	94.7	6.1
Scotland ¹	83.4	3.8	0.05	-	6.3
Wales	81.6	4.1	0.06	96.8	7.2
Northern Ireland	84.9	2.9	0.05	96.3	4.8

¹ Data omitted where not comparable

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

Region	Referral % of screened	Benign Biopsy % of screened	Non-operative diagnosis % of cancers	Invasive Cancer detection rate per 1000 screened
North East	4.4	0.00	100	5.7
Yorkshire & Humber	5.3	0.00	100	9.2
East Midlands	5.2	0.22	95.0	8.5
West Midlands	5.7	0.07	93.1	8.9
North West	5.7	0.03	90.9	8.1
East of England	5.1	0.09	100	6.7
London	6.2	0.09	94.1	8.1
South East	6.1	0.08	95.1	9.7
South West	6.4	0.10	98.0	9.8
Scotland ¹	8.0	0.15	-	6.8
Wales	6.5	0.10	96.2	11.1
Northern Ireland	4.6	0.10	96.0	8.9

¹ Data omitted where not comparable

Table 19 **Assessment outcomes, ages 50-70**

	No. of women screened	Referred for cytology/ core biopsy		Benign biopsy		Non-operative diagnosis	
		% of screened	No.	% of screened	No.	% all cancers	No.
Prevalent	318629	3.5	11030	0.2	694	81.9	2101
Incident	1569723	1.4	22595	0.1	985	88.2	11015
Self/GP referral	40890	2.4	990	0.1	37	91.0	412
Short-term recall	2004	10.8	216	1.4	27	83.3	50

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	318629	0	0	0.21	659	0.21	659
Incident	1569723	0	0	0.07	1035	0.07	1035
Self/GP referral	40890	0	0	0.17	68	0.17	68
Short-term recall	2004	0.05	1	5.59	112	5.64	113

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

	No. of women screened	Referred for cytology/ core biopsy		Benign biopsy		Non-operative diagnosis	
		% of screened	No.	% of screened	No.	% all cancers	No.
Under 50	38759	3.2	1242	0.2	82	90.4	227
50-54	285048	3.5	9832	0.2	623	81.6	1752
55-59	19870	3.5	686	0.2	46	82.5	174
60-64	8339	3.7	307	0.2	16	82.7	81
65-70	5372	3.8	205	0.2	9	86.2	94
71 or over	29	3.5	1	0	0	0	0
Total (50-64)	313257	3.5	10825	0.2	685	81.7	2007
Total (50-70)	318629	3.5	11030	0.2	694	81.9	2101

Table 22 **Assessment outcomes of incident screens**

	No. of women screened	Referred for cytology/ core biopsy		Benign biopsy		Non-operative diagnosis	
		% of screened	No.	% of screened	No.	% all cancers	No.
Under 50	52	0	0	0	0	0	0
50-54	217254	1.2	2531	0.1	159	90.6	965
55-59	484895	1.2	6016	0.1	297	88.0	2758
60-64	478708	1.4	6872	0.1	282	88.3	3537
65-70	388866	1.9	7176	0.1	247	87.7	3755
71 or over	1089	2.3	25	0	0	72.2	13
Total (50-64)	1180857	1.3	15419	0.1	738	88.5	7260
Total (50-70)	1569723	1.4	22595	0.1	985	88.2	11015

Table 23 **Assessment outcomes of short-term recalls**

	No. of women screened	Referred for cytology/ core biopsy		Benign biopsy		Non-operative diagnosis	
		% of screened	No.	% of screened	No.	% all cancers	No.
Under 50	3	33.3	1	0	0	0	0
50-54	815	9.7	79	1.2	10	72.7	8
55-59	389	10.0	39	1.5	6	100	13
60-64	396	11.6	46	1.3	5	82.4	14
65-70	404	12.9	52	1.5	6	79.0	15
71 or over	120	14.2	17	0.8	1	100	4
Total (50-64)	1600	10.3	164	1.3	21	85.4	35
Total (50-70)	2004	10.8	216	1.4	27	83.3	50

Table 24 **Assessment outcomes of self/GP referrals**

	No. of women screened	Referred for cytology/ core biopsy		Benign biopsy		Non-operative diagnosis	
		% of screened	No.	% of screened	No.	% all cancers	No.
Under 50	156	3.2	5	0	0	100	2
50-54	11247	2.9	326	0.2	18	84.2	69
55-59	9728	2.3	221	0.1	6	91.7	88
60-64	8533	2.1	179	0.1	4	94.4	102
65-70	11382	2.3	264	0.1	9	91.6	153
71 or over	62167	2.4	1515	0.1	46	88.5	818
Total (50-64)	29508	2.5	726	0.1	28	90.6	259
Total (50-70)	40890	2.4	990	0.1	37	91.0	412

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

	No. of women screened	Referred for cytology/ core biopsy		Benign biopsy		Non-operative diagnosis	
		% of screened	No.	% of screened	No.	% all cancers	No.
Under 50	154	3.3	5	0	0	100	2
50-54	8284	3.3	277	0.2	15	83.3	55
55-59	2388	4.0	96	0.1	3	85.7	30
60-64	1523	3.3	50	0.1	1	91.3	21
65-70	1058	3.6	38	0.1	1	82.6	19
71 or over	2797	4.4	124	0.1	4	96.8	60
Total (50-64)	12195	3.5	423	0.2	19	85.5	106
Total (50-70)	13253	3.5	461	0.2	20	85.0	125

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

	No. of women screened	Referred for cytology/ core biopsy		Benign biopsy		Non-operative diagnosis	
		% of screened	No.	% of screened	No.	% all cancers	No.
Under 50	1	0	0	0	0	0	0
50-54	2868	1.7	49	0.1	3	87.5	14
55-59	6376	1.6	103	0.1	3	96.0	48
60-64	5705	1.8	104	<0.1	2	95.8	68
65-70	7917	1.8	145	0.1	5	93.4	85
71 or over	47227	2.0	925	0.1	30	86.9	502
Total (50-64)	14949	1.7	256	0.1	8	94.9	130
Total (50-70)	22866	1.8	401	0.1	13	94.3	215

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

	No. of women screened	Referred for cytology/ core biopsy		Benign biopsy		Non-operative diagnosis	
		% of screened	No.	% of screened	No.	% all cancers	No.
Under 50	1	0	0	0	0	0	0
50-54	95	0	0	0	0	0	0
55-59	964	2.3	22	0	0	90.9	10
60-64	1305	1.9	25	0.1	1	92.9	13
65-70	2407	3.4	81	0.1	3	92.5	49
71 or over	12143	3.8	466	0.1	12	90.1	256
Total (50-64)	2364	2.0	47	<0.1	1	92.0	23
Total (50-70)	4771	2.7	128	0.1	4	92.3	72

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	662	25.8	3	0.1	50	2.0	2566
Incident	2488	19.9	25	0.2	224	1.8	12488
Self/GP referral	102	22.5	0	0	17	3.8	453
Short-term recall	24	40.0	0	0	2	3.3	60

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

	Invasive Cancers	<10mm		<15mm	
		No.	%	No.	%
Prevalent	1901	438	23.7	905	48.9
Incident	9975	2490	25.5	5395	55.3
Self/GP referral	351	79	23.7	167	50.0
Short-term recall	36	15	44.1	25	73.5

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.		
Under 50	38970	8.7	3384	0.2	70	0.5	183	0.23	(0.11)	90	(43)	0.65	253
50-64	1525222	4.7	71549	0.2	2376	0.6	8599	0.30	(0.14)	4514	(2092)	0.72	10990
65-70	406024	4.2	16833	0.2	900	0.9	3664	0.49	(0.23)	1978	(930)	1.13	4577
71 or over	63405	5.1	3240	0.2	154	1.2	789	0.65	(0.30)	413	(193)	1.49	946
Total (All ages)	2033621	4.7	95006	0.2	3500	0.7	13235	0.34	(0.16)	6995	(3258)	0.82	16766

Table 31 Total historic screening activity, ages 50-64

Age-group	No. of women screened	Acceptance		Referred for assessment		In-situ and micro-invasive		Invasive		Cancers detected					
		% of invited	No. of women invited	% of screened	No.	% of screened	No.	% of screened	No.	<15mm (<10mm bracketed)		Total			
										% of screened	No.	% of screened	No.		
2007/8 (current)	1525222	73.9	2025183	4.7	71549	0.2	2376	0.6	8599	0.30	(0.14)	4514	(2092)	0.72	10990
2006/7	1461925	74.3	1927582	4.6	67526	0.2	2373	0.6	8044	0.29	(0.14)	4219	(1987)	0.71	10435
2005/6	1465560	75.5	1902216	4.7	68622	0.2	2337	0.6	8159	0.29	(0.14)	4302	(2040)	0.72	10526
2004/5	1411797	75.2	1836860	4.9	68941	0.2	2231	0.6	7865	0.30	(0.14)	4171	(1970)	0.72	10137
2003/4	1403375	75.6	1815265	5.2	72495	0.2	2197	0.6	7811	0.29	(0.14)	4108	(1925)	0.71	10033

Table 32 Total historic screening activity, ages 50-70

Age-group	No. of women screened	Acceptance		Referred for assessment		In-situ and micro-invasive		Invasive		Cancers detected					
		% of invited	No. of women invited	% of screened	No.	% of screened	No.	% of screened	No.	<15mm (<10mm bracketed)		Total			
										% of screened	No.	% of screened	No.		
2007/8 (current)	1931246	73.4	2576136	4.6	88382	0.2	3276	0.6	12263	0.34	(0.16)	6492	(3022)	0.81	15567
2006/7	1842410	73.8	2437531	4.5	83728	0.2	3168	0.6	11553	0.33	(0.16)	6151	(2867)	0.80	14753
2005/6	1838645	74.9	2381122	4.6	84695	0.2	3119	0.6	11675	0.34	(0.16)	6184	(2919)	0.81	14841
2004/5	1667811	74.6	2122958	4.8	80558	0.2	2742	0.6	10290	0.33	(0.15)	5463	(2537)	0.78	13086
2003/4 ¹	1604404	75.2	1998989	5.1	81756	0.2	2634	0.6	9713	0.32	(0.15)	5109	(2380)	0.77	12387

¹ Includes women aged 50-69 for Scotland

Table 33 Standardised Detection Ratio, by region, ages 50-70

Region	Prevalent	Incident	Overall
North East	1.24	1.40	1.37
Yorkshire & Humber	1.55	1.48	1.49
East Midlands	1.27	1.56	1.51
West Midlands	1.57	1.39	1.42
North West	1.34	1.54	1.50
East of England	1.55	1.45	1.47
London	1.37	1.39	1.38
South East	1.42	1.45	1.44
South West	1.48	1.36	1.38
Scotland	1.51	1.47	1.48
Wales	1.83	1.64	1.67
Northern Ireland	1.46	1.18	1.27
Total	1.46	1.45	1.45
(Total previous year)	(1.48)	(1.39)	(1.41)

Table 34 Number and percentage of screening programmes meeting standards (92 screening programmes)

	Minimum Standard	No.	%	Target	No.	%
Prevalent Round (1st invitation only - ages 50-52)						
Acceptance rate	≥ 70%	78	84.8	≥ 80%	10	10.9
Invasive cancer detection rate	≥ 2.7 p. 1000	89	96.7	≥ 3.6 p. 1000	79	85.9
Insitu and microinvasive detection rate	≥ 0.4 p. 1000	86	93.5			
Standardised detection ratio (SDR) ¹	≥ 0.85	87	94.6	≥ 1.0	80	87.0
Invasive cancers < 15mm	≥ 1.5 p.1000	77	83.7	≥ 2.0 p. 1000	61	66.3
Referred for assessment	< 10%	55	59.8	< 7%	14	15.2
Placed on short-term recall	< 0.5%	76	82.6	≤ 0.25%	63	68.5
Non-operative diagnosis of cancer ²	≥ 80%	77	89.5	≥ 90%	53	61.6
Benign biopsy rate	< 3.6 p. 1000	77	83.7	< 1.8 p. 1000	40	43.5
Incident Round (last screen within 5 years - ages 53-70)						
Acceptance rate	≥ 70%	92	100	≥ 80%	89	96.7
Invasive cancer detection rate	≥ 3.1 p. 1000	92	100	≥ 4.2 p. 1000	92	100
Insitu and microinvasive detection rate	≥ 0.5 p. 1000	90	97.8			
Standardised detection ratio (SDR) ³	≥ 0.85	92	100	≥ 1.0	92	100
Invasive cancers < 15mm	≥ 1.7 p. 1000	92	100	≥ 2.5 p. 1000	85	92.4
Referred for assessment	< 7%	92	100	< 5%	86	93.5
Placed on short-term recall	< 0.5%	92	100	≤ 0.25%	91	98.9
Non-operative diagnosis of cancer ⁷	≥ 80%	86	100	≥ 90%	82	95.4
Benign biopsy rate	< 2.0 p. 1000	92	100	< 1.0 p. 1000	83	90.2

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

² Scottish programmes excluded as not comparable

³ Women aged 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 15+)

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

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

Assessment outcome tables (Table 19 and 21+)

Number of women screened = column 3

Number referred for cytology/core biopsy = column 14

% referred for cytology/core biopsy = column 14 / 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 20)

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 28)

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 29)

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 30)

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

Total historic screening activity (Tables 31 + 32)

Number of women screened = column 3 (divisor for %, excl. acceptance)

% accepting = column 3 / column 1 * 100

Number invited = column 1

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

Standardised Detection Ratio (Table 33)

SDR = column 49 / column 50

Programmes meeting standards (Table 34)

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