

Cervical Screening Programme, England: 1998-99

This bulletin summarises information from the computerised call and recall system for cervical screening and from pathology laboratories on cervical cytology in England in 1998-99, including some information about earlier years.

KEY FACTS

At 31 March 1999:

- 84% of women aged 25-64 resident in England had been screened at least once in the previous 5 years, a similar proportion to that in each year since 1995.
- In 87 of the 100 Health Authorities the coverage was 80% or higher, this is the same number as last year; in only 2 Health Authorities was the coverage less than 70%.

In 1998-99:

- 3.8 million women were screened, the majority after a formal invitation from the screening programme.
- Laboratories examined an estimated 4.4 million smears.

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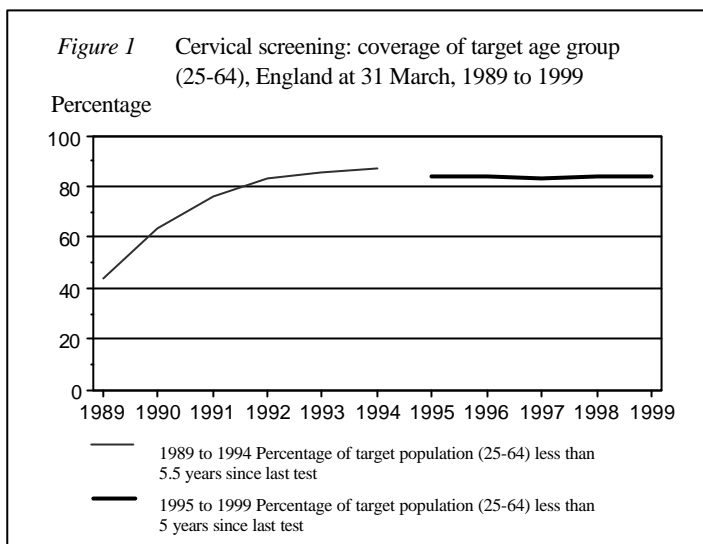
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1 INTRODUCTION

1.1 This is the fifth annual bulletin to be published about the cervical screening programme in England. The information for this publication is collected on two Department of Health returns. Information from the call and recall system is collected on return KC53; and information about cervical smears examined by pathology laboratories is collected on return KC61 (which includes some information about symptomatic as well as screening programme smears).

1.2 National policy for the screening programme is that eligible women should be screened every 3 to 5 years. Before 1994-95, coverage figures were based on a 5½ year period, in order to allow for delays between invitation and the actual screening test. From 1994-95, however, coverage figures are based on a strict 5 year period. The target age group for invitations to screening is 20-64; since many women are not invited

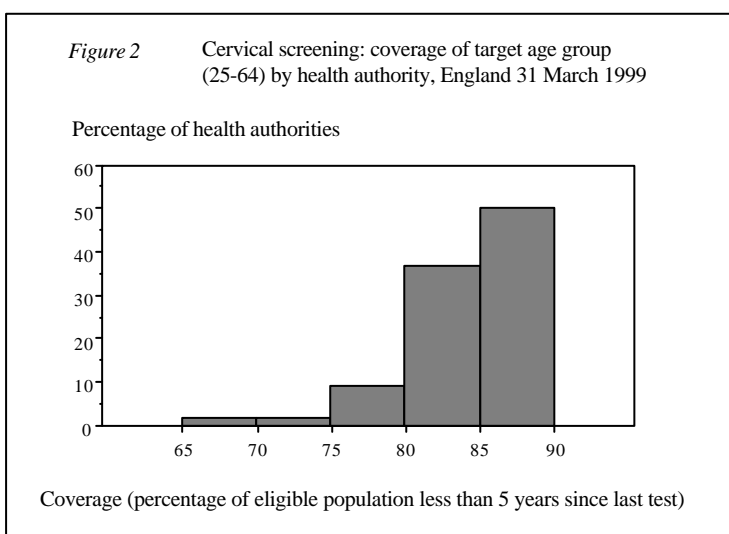


immediately they reach their 20th birthday, inclusion of the 20-24 age group gives a less accurate estimate of coverage of the target age group and in this bulletin the overall coverage figures from 1994-95 are based on women aged 25-64 (the same age group as used for GP payments).

1.3 The denominator for the calculation of coverage has been amended to exclude from the population those women with recall ceased for clinical reasons. Data for 1995 to 1998 have been adjusted to this new basis (see para 4.3 below).

1.4 In presenting laboratory statistics, data about smears from GP and NHS Community Clinics have been used in most tables in preference to data about smears from all sources, so as to reflect more closely the results from screening programme smears.

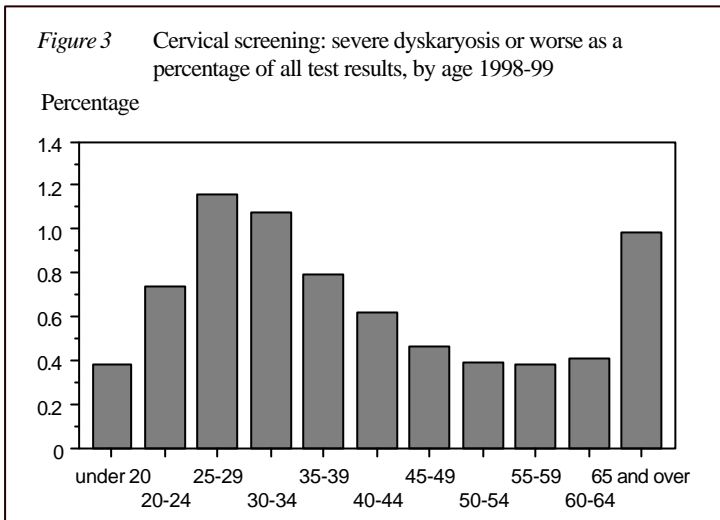
1.5 KC53 returns were received from all 100 Health Authorities (HAs) and almost all returns were complete. KC61 returns were received from all of the 171 laboratories known to carry out cervical smear testing, but a few were only partially completed. Estimates have been made of the missing data (see 4.4 below).



2 ANALYSIS AND COMMENTARY - CALL AND RECALL PROGRAMME

2.1 Coverage (Tables 1, 2, 9)

2.1.1 About 84.0% of women aged 25-64 at 31 March 1999 were recorded as being less than 5 years since their last screening.



This is a similar proportion to each of the preceding four years. Figures prior to 1995 are not directly comparable, being based on a period since last test of 5.5 years and not adjusted to exclude women with recall ceased for non-clinical reasons, but suggest that coverage has been over 80% since 1992 (Figure 1).

2.1.2 Although the overall coverage has remained much the same since 1995, analysis by age shows a slight falling off of coverage among 20-34 year old women and increasing coverage of women aged 50-64.

2.1.3 Coverage of the target age group 25-64 in 1999 varied considerably between Regional Office areas, from 77% in London to 87% in Trent. At the health authority level, 49 of the 100 HAs reported coverage higher than 85%. In only 13 HAs was coverage below 80%; coverage was below 70% in only two HAs. (Figure 2).

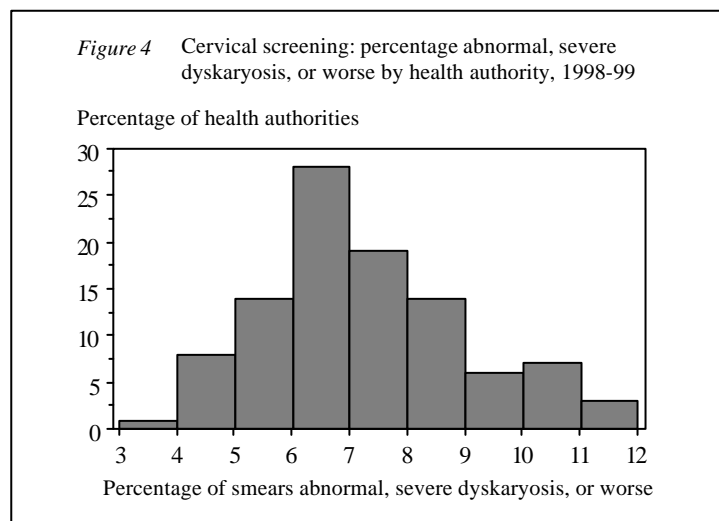
2.2 Uptake of invitations for screening (Tables 3, 4, 5, 6)

2.2.1 About 3.6 million women were invited for screening in 1998-99, 2% less than in 1997-98. For 16% of women this was their first invitation (call) and for 62% a routine recall. About 11% of invitations were early recalls for surveillance, 5% were early recalls following persistent findings of borderline changes or mild dyskaryosis and 7% were recalls following inadequate smears.

2.2.2 About 3.8 million women were tested in the year. Of these, 2.3 million were tested following an invitation and 1.5 million (39%) were opportunistic screening tests, ie those initiated either by the smear taker or by the woman, without her necessarily having been invited; in particular, some women are routinely recalled by their GPs earlier than at the HA standard interval. Because women recorded as having an opportunistic screen may nevertheless have been invited through such a GP programme, it is not possible to calculate the percentage uptake of invitations from the HA database.

2.3 Test results (Tables 7, 8 and 9)

2.3.1 From 1997-98, information about results is based on the most severe test result in the year, where previously the most recent test result was used. Because of this, the statistics for 1997-98 and 1998-99 are not



comparable with those for earlier years.

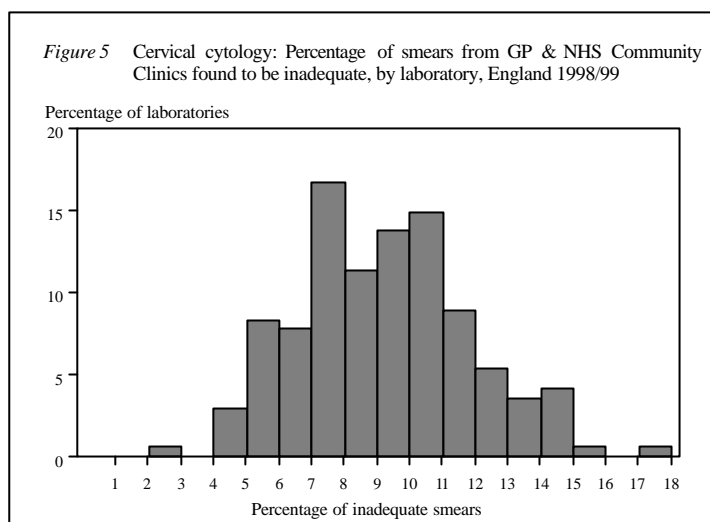
2.3.2 A small proportion of tests do not have a result, as the smear is “inadequate” ie it does not contain material suitable for analysis (see 3.1.2 below). Of nearly 3.6 million women who did have a result in 1998-99, 92.1% were negative, 6.3% showed borderline changes or mild dyskaryosis, 0.9% showed moderate dyskaryosis and 0.7% showed severe dyskaryosis or worse. The percentage of results which are severe or worse shows a distinct pattern by age, being highest (1.2%) for women aged 25-29, falling to 0.4% for women aged 50 to 64 (Figure 3).

2.3.3 In three fifths of the HAs the proportion of women presenting with an abnormal (including severe dyskaryosis or worse) result was between 5% and 8%, but about a fifth had between 8% and 10% abnormal (including severe dyskaryosis or worse); in only a few HAs did the proportion lie outside the range 5% to 10%. (Figure 4).

3 ANALYSIS AND COMMENTARY - CERVICAL CYTOLOGY

3.1 Smears examined (Tables 10 and 12)

3.1.1 An estimated 4.4 million smears were examined by pathology laboratories in 1998-99, broadly similar to the



number in each year since 1988-89. About 3.9 million (90% of the total) were submitted by GPs or by NHS community clinics - almost all these would be smears taken as part of the screening programme; a further 0.3 million (7%) were from NHS hospitals - most of these were probably “symptomatic” ie smears taken following the discovery of symptoms or cytological abnormality.

3.1.2 Of the GP and NHS Community Clinic smears examined in 1998-99 for women aged between 20 and 64, about 9.3% were inadequate specimens and no result could be determined. The proportion inadequate was around 6% in the years 1989-90 to 1992-93, but has risen in each year since then. At laboratory level, there was wide variation in the proportion of smears judged to be inadequate; in 82% of the laboratories the proportion of such smears was between 5% and 12%, about 1 in 8 laboratories found between 12% and 15% inadequate and in

only a few laboratories did the proportion lie outside the range 5 to 15% (Figure 5).

3.2 Results (Tables 11 and 12)

3.2.1 The percentage of adequate GP and NHS Community Clinic smears tested in 1998-99 for women aged 20-64, which were reported as being negative was 92.2%. Borderline changes were found in 4.1% of such smears, mild dyskaryosis in 2.3%, moderate dyskaryosis in 0.8% and severe dyskaryosis in 0.5%; suspected invasive carcinoma or glandular neoplasia were found in 0.10% of smears. Generally, the older the women the higher the proportion of smears found to be negative; but also the proportion of smears showing suspected invasive carcinoma or glandular neoplasia was higher with increasing age. Borderline changes and mild dyskaryosis occurred more frequently in smears from younger women; moderate dyskaryosis accounted for a higher

proportion in smears from women aged 20-29 than from women in other age groups; the proportion of severe dyskaryosis was highest in smears from women aged 25-34.

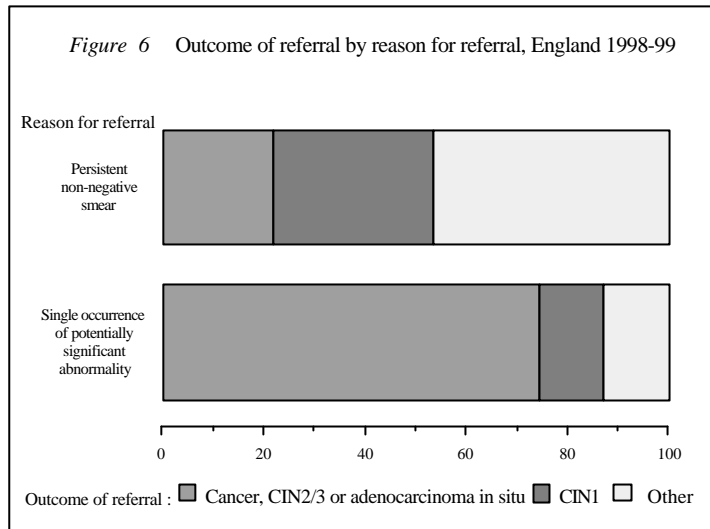
3.2.2 At laboratory level there was wide variation in the percentage distribution of results, in particular in the proportion reported as borderline.

3.3 Outcome of gynaecological referrals (Tables 12 and 13)

3.3.1 Information about outcomes of gynaecological referrals for smears registered during April - June 1998 was provided by all laboratories with sizeable numbers of screening programme smears. Several laboratories reported high numbers of outcomes not known, and have been omitted from the following analyses.

3.3.2 For referrals with known outcomes following persistent non-negative smears only 0.2% were found to be cancerous, 22% showed CIN2, CIN3 or adenocarcinoma in situ and 32% showed CIN1; 12% showed HPV only, 18% showed no CIN or HPV, 2% were inadequate biopsies and in 14% no abnormality was detected at colposcopy (Figure 6).

3.3.3 For referrals with known outcomes following a single occurrence of a potentially significant abnormality, 2.7% were found to be



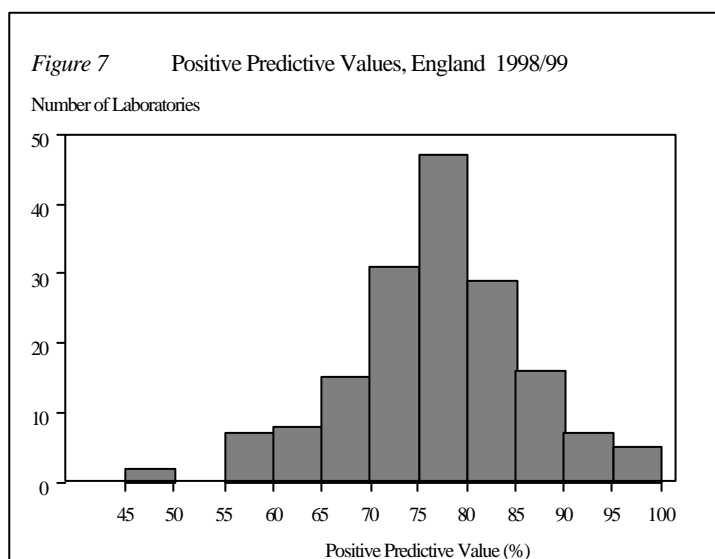
cancerous, 72% showed CIN2, CIN3 or adenocarcinoma in situ 13% showed CIN1; 3% showed HPV only, 7% showed no CIN or HPV, 1% were inadequate biopsies and in 2% no abnormality was detected at colposcopy.

3.3.4 A positive predictive value (PPV) was calculated for each laboratory (see 4.4 below); PPVs ranged from 47.7% to 100% with three quarters lying between 70% and 90% (Figure 7).

4 DEFINITIONS

4.1 The terms “severe dyskaryosis or worse”, “abnormal” and “negative” used in the text to describe the result of a smear test are defined as follows in terms of the categories used on the cytology report form HMR 101/5:

Severe dyskaryosis or worse: HMR 101/5 category 4 (severe dyskaryosis), 5 (severe dyskaryosis/? invasive carcinoma) or 6 (? glandular neoplasia); women who have such smear results are usually referred directly for further



investigation, eg biopsy.

Abnormal: HMR 101/5 category 3 (mild dyskaryosis), 7 (moderate dyskaryosis) or 8 (borderline changes); women who have an abnormal smear categorised as result code 3 or 8 will usually be recalled early for another test. Women who have an abnormal smear categorised as result code 7 will be referred immediately for further investigation, eg colposcopy.

Negative: HMR 101/5 category 2 (negative); women with a negative smear result will be returned to the screening programme to be called again at the normal interval (usually 3 or 5 years).

4.2 The *coverage* of the screening programme is the proportion of women resident (excluding those 'recall ceased' for clinical reasons) who have had a test with a result (ie excluding women all of whose smears have been found inadequate for testing) at least once in the previous 5 years.

4.3 Coverage percentages shown in tables 1a and 1b for years 1995 to 1998 have been revised so as not to exclude from the denominator resident population women whose recall was ceased on grounds of age or other non-clinical reasons. This was done by calculating the proportion of the total recall ceased which were for clinical, age, and other

reasons for each age group as reported in 1999, and applying those proportions to previous years' total recall ceased figures for the same age bands. Women were then only excluded from the resident population if they were recall ceased for clinical reasons. Each health authority return was adjusted in this way before the calculation of coverage.

4.4 A *positive predictive value (PPV)* relating cytology with histology was calculated from outcomes of referral for smears with result moderate dyskaryosis or worse as follows:

numerator:

number of smears with outcome of referral cancer, adenocarcinoma in situ, CIN3 or CIN2

denominator:

number of smears with outcome of referral known and not recorded as inadequate biopsy or colposcopy NAD.

4.5 Where parts of a return are missing, the corresponding parts have been apportioned using England averages.

4.6 There were a number of changes in 1998/99 to laboratories returning KC61s. The laboratory based at Leeds General Infirmary merged with St Luke's and now submit a single return for Leeds Teaching Hospitals. Frimley Park Hospital merged with Royal Surrey County Hospital to form Partnership Pathology

Services based at Guildford. Lister Hospital and Grantham and District Hospital no longer carry out cervical smear testing within the National Screening Programme.

5 EDITORIAL NOTES

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Table 1 Cervical screening programme: test status of women and coverage by age, 31 March 1999

England

Thousands

Age at 31 March 1999	Number of women resident	Number of women with recall ceased			Number of women with no record	Number of women less than 5 years since last test ⁽¹⁾	Coverage ⁽²⁾ (less than 5 years since last test) (%)	Number of women less than 3 years since last test ⁽¹⁾
		for clinical reasons	for age reasons	for other reasons				
All age groups	25,830.2	1,398.4	1,093.1	1,182.3	8,049.1	12,237.6	-	9,674.1
25-64	13,534.4	1,081.3	220.1	160.7	58.9	10,464.2	84.0	8,394.8
Under 20	6,169.6	0.0	0.0	0.0	5,942.7	126.7	2.1	121.0
20-24	1,537.8	0.2	0.0	1.2	68.9	932.0	60.6	798.1
25-29	1,914.4	1.6	0.0	3.2	22.2	1,523.0	79.6	1,252.2
30-34	2,087.7	11.4	0.0	6.1	13.0	1,759.1	84.7	1,444.8
35-39	1,962.1	39.1	0.0	8.7	7.4	1,665.4	86.6	1,360.3
40-44	1,704.3	91.3	0.0	11.7	4.7	1,397.7	86.7	1,113.0
45-49	1,614.9	172.1	0.0	17.1	3.5	1,251.3	86.7	991.6
50-54	1,701.8	277.1	0.0	25.3	3.0	1,220.0	85.6	958.6
55-59	1,325.9	256.4	0.0	28.6	2.4	881.4	82.4	690.0
60-64	1,223.4	232.3	220.1	59.9	2.7	766.4	77.3	584.4
65-69	1,148.7	186.5	480.6	210.3	21.4	531.0	55.2	282.0
70-74	1,082.0	108.9	298.7	452.2	113.9	138.7	14.3	55.0
75 and over	2,357.6	21.5	93.6	358.0	1,843.4	46.0	2.0	23.2

Table 2 Cervical screening programme: test status and coverage of target age group (25-64) by region, 31 March 1999

Thousands

Regional Office area	Number of women resident	Number of women with recall ceased			Number of women with no record	Number of women less than 5 years since last test ⁽¹⁾	Coverage ⁽²⁾ (less than 5 years since last test) (%)	Number of women less than 3 years since last test ⁽¹⁾
		for clinical reasons	for age reasons	for other reasons				
England	13,534.4	1,081.3	220.1	160.7	58.9	10,464.2	84.0	8,394.8
Northern and Yorkshire	1,677.5	124.1	30.9	24.6	3.8	1,333.4	85.8	1,104.1
Trent	1,364.0	118.3	28.1	14.9	1.3	1,086.8	87.2	886.0
Eastern	1,444.0	133.9	28.4	22.4	4.6	1,122.8	85.7	850.4
London	2,211.2	117.9	19.2	15.7	25.3	1,607.0	76.8	1,295.0
South East	2,350.5	225.5	35.3	12.6	11.8	1,828.8	86.1	1,477.0
South West	1,304.7	122.2	27.9	13.8	3.1	1,011.6	85.5	740.7
West Midlands	1,416.4	106.7	21.0	21.0	7.3	1,110.1	84.8	929.5
North West	1,766.1	132.9	29.3	35.6	1.6	1,363.7	83.5	1,112.1

(1) Adequate tests only

Source : Form KC53

(2) The denominator used in calculating the percentage is the resident population less those women with recall ceased for clinical reasons.

Table 1a Cervical screening programme:
5 year coverage at 31 March by age, 1995 to 1999

England

percentages

Age at 31 March	Coverage (less than 5 years since last adequate test)				
	1995 ⁽¹⁾	1996 ⁽¹⁾	1997 ⁽¹⁾	1998 ⁽¹⁾	1999
25-64	83.8	83.7	83.6	84.2	84.0
Under 20	3.3	3.0	2.7	2.6	2.1
20-24	65.9	64.6	63.0	62.6	60.6
25-29	81.3	80.9	80.0	80.4	79.6
30-34	86.0	85.4	84.9	85.2	84.7
35-39	87.0	86.8	86.4	86.9	86.6
40-44	86.8	86.7	86.4	86.9	86.7
45-49	86.7	86.4	86.4	86.8	86.7
50-54	84.7	84.7	85.0	85.5	85.6
55-59	80.9	80.9	81.4	81.8	82.4
60-64	71.7	73.6	75.1	76.7	77.3
65-69	50.1	50.0	51.7	54.2	55.2
70-74	12.2	12.7	13.2	13.7	14.3
75 and over	2.2	2.1	2.0	2.0	2.0

Table 1b Cervical screening programme:
3 year coverage at 31 March by age, 1995 to 1999

percentages

Age at 31 March	Coverage (less than 3 years since last adequate test)				
	1995 ⁽¹⁾	1996 ⁽¹⁾	1997 ⁽¹⁾	1998 ⁽¹⁾	1999
25-64	66.0	66.3	66.8	67.8	67.4
Under 20	3.2	2.8	2.6	2.5	2.0
20-24	56.1	54.2	53.2	53.4	51.9
25-29	66.5	65.5	65.2	66.4	65.5
30-34	70.1	69.4	69.3	70.4	69.6
35-39	69.9	69.8	69.9	71.2	70.7
40-44	68.0	68.0	68.3	69.4	69.0
45-49	67.3	67.4	68.2	69.1	68.7
50-54	64.8	65.4	66.6	67.4	67.3
55-59	60.9	62.4	63.7	64.2	64.5
60-64	52.2	55.7	57.9	58.8	59.0
65-69	27.6	30.7	31.6	31.2	29.3
70-74	5.6	6.0	6.3	6.2	5.6
75 and over	1.1	1.0	1.0	1.1	1.0

(1) Revised figures

Source : Form KC53

Table 3

Cervical screening programme: number of women invited in the year
by type of invitation and age, 1998-99

England

Number

Age at 31 March 1999	Type of Invitation					
	Total	Call	Routine Recall	Repeat in less than 3 years for reasons of		
				Surveillance	Abnormality	Inadequate Smear
All Age Groups	3,575,110	580,310	2,199,761	384,996	160,851	249,192
25-64	2,985,553	298,494	2,011,949	339,623	124,833	210,654
Under 20	23,603	6,734	3,225	3,214	5,561	4,869
20-24	464,341	252,633	118,487	34,553	28,635	30,033
25-29	503,172	97,324	269,126	63,997	30,934	41,791
30-34	524,828	51,391	334,722	70,605	25,566	42,544
35-39	466,918	35,173	314,054	60,461	20,378	36,852
40-44	381,267	25,575	265,599	45,978	15,479	28,636
45-49	332,907	22,252	237,479	37,221	13,245	22,710
50-54	321,925	23,176	238,544	32,031	10,446	17,728
55-59	242,261	21,294	185,252	18,183	5,586	11,946
60-64	212,275	22,309	167,173	11,147	3,199	8,447
65-69	70,875	14,149	47,475	5,160	1,252	2,839
70-74	23,153	7,017	13,636	1,625	372	503
75 & over	7,585	1,283	4,989	821	198	294

Table 4

Cervical screening programme: number of women aged 25-64 invited in the year
by type of invitation and region, 1998-99

Number

Regional Office area	Type of Invitation					
	Total	Call	Routine Recall	Repeat in less than 3 years for reasons of		
				Surveillance	Abnormality	Inadequate Smear
England	2,985,553	298,494	2,011,949	339,623	124,833	210,654
Northern and Yorkshire	370,173	27,474	253,209	44,033	14,406	31,051
Trent	276,104	17,761	187,561	33,618	11,742	25,422
Eastern	272,969	20,678	176,029	45,480	12,860	17,922
London	601,161	116,463	383,285	47,701	21,819	31,893
South East	463,554	42,088	340,229	44,344	17,984	18,909
South West	272,387	17,045	178,667	39,777	13,563	23,335
West Midlands	374,737	29,266	262,947	37,987	15,077	29,460
North West	354,468	27,719	230,022	46,683	17,382	32,662

Source : Form KC53

Table 5 Cervical screening programme: number of women tested in the year by type of invitation and age, 1998-99

England		Type of Invitation							Number
Age at 31 March 1999	Total	Call	Routine Recall	Repeat in less than 3 years for reasons of			While Recall Suspended	Opportunistic Screen	
				Surveillance	Abnormality	Inadequate Smear			
All Age Groups	3,810,034	114,824	1,459,354	280,427	129,493	201,231	129,093	1,495,612	
25-64	3,286,455	48,232	1,362,884	250,570	102,739	174,254	106,760	1,241,016	
Under 20	64,977	321	1,487	1,794	3,915	3,108	2,133	52,219	
20-24	368,040	65,704	66,276	22,548	21,449	20,913	17,575	153,575	
25-29	528,844	20,944	163,575	44,594	23,974	31,851	26,111	217,795	
30-34	588,885	9,852	216,187	51,433	20,515	34,506	24,159	232,233	
35-39	534,121	5,871	213,861	45,062	17,076	30,684	17,780	203,787	
40-44	433,744	3,479	181,893	34,433	13,150	24,410	12,381	163,998	
45-49	380,283	2,580	166,040	28,284	11,345	19,597	10,026	142,411	
50-54	360,811	2,327	170,720	24,446	9,162	15,492	8,291	130,373	
55-59	254,770	1,616	133,390	14,012	4,818	10,438	4,870	85,626	
60-64	204,997	1,563	117,218	8,306	2,699	7,276	3,142	64,793	
65-69	69,495	458	25,296	3,777	1,013	2,398	1,653	34,900	
70-74	13,782	89	2,728	1,179	263	397	557	8,569	
75 & over	7,285	20	683	559	114	161	415	5,333	

Table 6 Cervical screening programme: number of women aged 25-64 tested in the year by type of invitation and region, 1998-99

England		Type of Invitation							Number
Regional Office area	Total	Call	Routine Recall	Repeat in less than 3 years for reasons of			While Recall Suspended	Opportunistic Screen	
				Surveillance	Abnormality	Inadequate Smear			
England	3,286,455	48,232	1,362,884	250,570	102,739	174,254	106,760	1,241,016	
Northern and Yorkshire	434,652	3,736	179,725	29,884	11,278	26,113	18,801	165,115	
Trent	338,259	3,059	136,062	26,137	10,183	23,168	16,804	122,846	
Eastern	329,426	3,680	124,520	33,397	11,061	13,902	9,245	133,621	
London	515,185	17,972	210,898	32,860	16,432	24,399	13,543	199,081	
South East	570,343	7,822	231,894	29,090	13,926	13,688	11,082	262,841	
South West	285,045	3,828	128,544	32,902	12,228	19,513	6,278	81,752	
West Midlands	365,533	3,992	186,845	30,831	13,074	24,827	9,637	96,327	
North West	448,012	4,143	164,396	35,469	14,557	28,644	21,370	179,433	

Source : Form KC53

Table 7

Cervical screening programme: test result by age, 1998-99

England

Age at 31 March 1999	Total (1)	Result (2)							
		Negative		Borderline/Mild Dyskaryosis		Moderate Dyskaryosis		Severe Dyskaryosis or worse (3)	
		number	%	number	%	number	%	number	%
All age groups	3,646,791	3,357,146	92.1	229,082	6.3	33,630	0.9	26,933	0.7
25-64	3,157,219	2,931,565	92.9	176,823	5.6	25,505	0.8	23,326	0.7
under 20	60,070	49,721	82.8	9,051	15.1	1,066	1.8	232	0.4
20-24	341,086	291,131	85.4	40,727	11.9	6,722	2.0	2,506	0.7
25-29	495,887	440,774	88.9	41,019	8.3	8,346	1.7	5,748	1.2
30-34	559,320	512,483	91.6	34,319	6.1	6,502	1.2	6,016	1.1
35-39	511,749	474,785	92.8	28,802	5.6	4,108	0.8	4,054	0.8
40-44	418,256	390,252	93.3	22,933	5.5	2,457	0.6	2,614	0.6
45-49	368,531	345,046	93.6	20,119	5.5	1,644	0.4	1,722	0.5
50-54	352,681	333,839	94.7	16,238	4.6	1,229	0.3	1,375	0.4
55-59	249,475	239,268	95.9	8,522	3.4	720	0.3	965	0.4
60-64	201,320	195,118	96.9	4,871	2.4	499	0.2	832	0.4
65-69	68,144	65,717	96.4	1,753	2.6	221	0.3	453	0.7
70-74	13,430	12,699	94.6	479	3.6	71	0.5	181	1.3
75 and over	6,842	6,313	92.3	249	3.6	45	0.7	235	3.4

Table 8

Cervical screening programme: test result of women aged 25-64 by region, 1998-99

Regional Office area	Total (1)	Result (2)							
		Negative		Borderline/Mild Dyskaryosis		Moderate Dyskaryosis		Severe Dyskaryosis or worse (3)	
		number	%	number	%	number	%	number	%
England	3,157,219	2,931,565	92.9	176,823	5.6	25,505	0.8	23,326	0.7
Northern and Yorkshire	418,626	392,968	93.9	19,616	4.7	2,687	0.6	3,355	0.8
Trent	321,979	301,194	93.5	16,300	5.1	2,456	0.8	2,029	0.6
Eastern	320,517	297,179	92.7	19,008	5.9	2,148	0.7	2,182	0.7
London	491,634	450,627	91.7	32,513	6.6	4,813	1.0	3,681	0.7
South East	553,256	518,927	93.8	26,567	4.8	3,932	0.7	3,830	0.7
South West	276,426	256,167	92.7	15,782	5.7	2,315	0.8	2,162	0.8
West Midlands	350,504	323,097	92.2	21,803	6.2	3,174	0.9	2,430	0.7
North West	424,277	391,406	92.3	25,234	5.9	3,980	0.9	3,657	0.9

(1) excluding those women all of whose tests during the year were classified as 'inadequate'

Source : Form KC53

(2) latest result in the year

(3) severe dyskaryosis or worse includes results reported as severe dyskaryosis, severe dyskaryosis/?invasive carcinoma, or ?glandular neoplasia

Table 9 Cervical screening programme: coverage of the Target Age Group (25-64) and results of tests by Health Authority, 1998-99

Health Authority Code	Name	Eligible Population (1) (000's)	Coverage (less than 5 years since last test) (%)	Coverage (less than 3 years since last test) (%)	Number of women screened (2) (000's)	Result of test			
						Negative (%)	Borderline/ Mild Dyskaryosis (%)	Moderate Dyskaryosis (%)	Severe Dyskaryosis or worse (3) (%)
England		12,453.1	84.0	67.4	3,157.3	92.9	5.6	0.8	0.7
Northern & Yorkshire		1,553.4	85.8	71.1	418.6	93.9	4.7	0.6	0.8
QDD	BRADFORD HA	112.9	82.4	58.7	23.9	95.8	3.0	0.6	0.7
QDT	CALDERDALE & KIRKLEES HA	144.3	87.7	68.7	38.4	91.9	6.7	0.8	0.6
QDE	COUNTY DURHAM HA	151.5	85.7	75.6	42.8	92.7	5.5	0.7	1.1
QDF	EAST RIDING HA	138.9	86.5	74.5	41.8	96.1	2.6	0.5	0.7
QDG	GATESHEAD & SOUTH TYNESIDE HA	86.7	84.7	71.1	23.5	94.5	3.9	0.7	0.9
QDH	LEEDS HA	174.5	83.5	63.8	40.3	95.5	3.2	0.4	0.8
QDJ	NEWCASTLE & NORTH TYNESIDE HA	115.1	84.0	68.9	30.7	92.9	5.4	0.6	1.2
QDK	NORTH CUMBRIA HA	82.0	86.3	77.1	22.3	94.6	3.8	0.9	0.7
QDR	NORTH YORKSHIRE HA	184.2	88.7	79.2	55.8	94.6	4.3	0.6	0.5
QDM	NORTHUMBERLAND HA	75.7	89.0	76.9	22.5	93.7	4.9	0.3	1.1
QDN	SUNDERLAND HA	72.5	84.4	58.7	17.0	90.5	7.8	0.9	0.9
QDP	TEES HA	135.6	85.9	75.0	37.0	93.6	5.1	0.6	0.7
QDQ	WAKEFIELD HA	79.4	86.6	71.5	22.7	91.8	6.4	0.9	0.8
Trent		1,245.7	87.2	71.1	322.0	93.5	5.1	0.8	0.6
QCG	BARNSELY HA	57.3	83.5	57.4	13.2	89.1	9.0	1.3	0.6
QCK	DONCASTER HA	70.5	88.1	77.4	21.4	93.4	5.5	0.7	0.4
QCL	LEICESTERSHIRE HA	225.8	86.8	69.7	58.5	94.4	4.3	0.6	0.6
QCM	LINCOLNSHIRE HA	152.7	85.8	66.7	38.1	94.0	4.5	0.9	0.6
QCH	NORTH DERBYSHIRE HA	90.2	89.6	79.2	25.1	92.7	5.9	0.8	0.5
QCN	NORTH NOTTINGHAMSHIRE HA	96.2	88.9	78.5	28.4	93.8	5.1	0.6	0.5
QCP	NOTTINGHAM HA	152.9	88.5	72.9	33.8	93.4	5.0	0.6	1.0
QCQ	ROTHERHAM HA	63.3	85.3	61.3	15.0	92.3	6.1	1.0	0.7
QCR	SHEFFIELD HA	122.6	87.5	76.0	33.7	93.3	5.2	0.8	0.7
QCJ	SOUTH DERBYSHIRE HA	137.9	88.0	71.8	36.2	94.8	4.0	0.6	0.6
QDL	SOUTH HUMBER HA	76.3	85.6	65.1	18.7	93.2	5.1	1.0	0.7
Eastern		1,310.0	85.7	64.9	320.5	92.7	5.9	0.7	0.7
QA6	BEDFORDSHIRE HA	139.7	84.8	58.8	31.1	92.3	6.3	0.8	0.6
QA9	CAMBRIDGE & HUNTINGDON HA	111.6	87.6	67.7	28.7	93.1	5.7	0.6	0.6
QEP	EAST & NORTH HERTFORDSHIRE HA	129.5	84.1	60.4	29.1	93.4	4.9	0.6	1.1
QCA	EAST NORFOLK HA	147.2	87.3	66.3	36.0	93.6	5.1	0.5	0.8
QAX	NORTH ESSEX HA	220.7	85.0	60.2	53.2	90.1	8.5	0.8	0.6
QCD	NORTH WEST ANGLIA HA	95.8	87.4	68.7	23.3	94.7	4.0	0.6	0.6
QAY	SOUTH ESSEX HA	174.1	83.1	57.5	38.2	92.3	6.2	0.8	0.7
QCF	SUFFOLK HA	157.5	88.1	79.0	47.0	92.0	6.9	0.6	0.6
QEQ	WEST HERTFORDSHIRE HA	134.1	85.5	69.8	34.0	95.6	3.3	0.7	0.5
London		2,093.4	76.8	61.9	491.7	91.7	6.6	1.0	0.7
QAP	BARKING & HAVERING HA	93.1	84.5	62.2	24.5	93.0	5.4	0.9	0.8
QAA	BARNET HA	92.2	78.1	64.8	21.9	93.6	4.8	0.9	0.6
QAA	BEXLEY & GREENWICH HA	116.4	81.9	71.2	31.9	91.6	7.1	0.8	0.6
QAR	BRENT & HARROW HA	143.2	77.4	64.2	33.5	93.1	5.4	0.9	0.6
QAC	BROMLEY HA	77.6	87.3	77.7	23.9	95.4	3.2	0.7	0.7
QAT	CAMDEN & ISLINGTON HA	135.9	65.5	48.8	22.2	88.0	9.9	1.2	0.9
QAD	CROYDON HA	89.2	79.6	54.0	18.0	89.4	8.3	1.3	1.0
QAV	EALING HAMMERSMITH & HOUNSLOW HA	217.9	73.2	61.0	51.8	90.7	7.5	1.0	0.9
QAW	EAST LONDON & THE CITY HA	167.8	75.7	62.4	38.2	95.4	3.2	0.6	0.7
QA4	ENFIELD & HARINGEY HA	153.9	72.5	52.6	33.7	92.6	5.9	0.9	0.6
QA2	HILLINGDON HA	63.1	83.3	68.6	15.7	95.3	3.3	0.6	0.7
QA3	KENSINGTON CHELSEA & WESTMINSTER HA	110.9	68.9	54.0	21.3	89.3	8.6	1.2	0.9
QAG	KINGSTON & RICHMOND HA	90.9	84.4	73.5	25.3	93.6	5.2	0.8	0.5
QAH	LAMBETH SOUTHWARK & LEWISHAM HA	231.6	76.1	62.8	56.1	88.3	9.5	1.4	0.7
QAJ	MERTON SUTTON & WANDSWORTH HA	187.6	78.9	67.0	48.7	90.4	7.6	1.1	1.0
QA5	REDBRIDGE & WALTHAM FOREST HA	122.2	77.5	55.5	25.0	90.6	7.5	1.1	0.8

continued

Table 9 continued Cervical screening programme: coverage of the Target Age Group (25-64) and results of tests by Health Authority, 1998-99

Health Authority Code	Name	Eligible Population (1) (000's)	Coverage (less than 5 years since last test) (%)	Coverage (less than 3 years since last test) (%)	Number of women screened (2) (000's)	Result of test			
						Negative (%)	Borderline/ Mild Dyskaryosis (%)	Moderate Dyskaryosis (%)	Severe Dyskaryosis or worse (3) (%)
England		12,453.1	84.0	67.4	3,157.3	92.9	5.6	0.8	0.7
South East		2,125.1	86.1	69.5	553.3	93.8	4.8	0.7	0.7
QA7	BERKSHIRE HA	206.7	82.4	58.3	45.9	93.0	5.4	0.8	0.9
QA8	BUCKINGHAMSHIRE HA	176.5	87.7	75.8	48.3	94.0	4.6	0.6	0.8
QAE	EAST KENT HA	132.3	88.5	75.9	36.5	96.0	2.9	0.6	0.5
QAK	EAST SURREY HA	106.1	87.4	76.9	31.8	94.3	4.4	0.7	0.6
QAM	EAST SUSSEX BRIGHTON & HOVE HA	178.7	87.6	73.4	49.3	94.0	4.5	0.7	0.8
QD4	ISLE OF WIGHT HA	29.5	89.7	79.3	9.4	91.3	7.1	0.9	0.7
QD1	NORTH & MID HAMPSHIRE HA	138.3	85.8	65.1	32.5	93.7	4.8	0.9	0.7
QCC	NORTHAMPTONSHIRE HA	151.5	87.8	76.4	43.1	93.4	5.2	0.7	0.7
QCE	OXFORDSHIRE HA	156.6	83.7	72.0	40.3	93.6	5.3	0.6	0.5
QD2	PORTSMOUTH & SOUTH EAST HAMPSHIRE HA	130.8	83.4	55.8	28.2	90.7	7.3	1.1	0.9
QD3	SOUTHAMPTON & SOUTH WEST HAMPSHIRE HA	128.0	84.8	65.5	31.4	94.0	4.6	0.9	0.5
QAF	WEST KENT HA	245.1	87.2	69.0	63.5	93.4	5.3	0.6	0.7
QAL	WEST SURREY HA	163.0	86.6	76.8	49.7	95.1	3.8	0.5	0.6
QAN	WEST SUSSEX HA	182.0	85.7	64.0	43.0	94.1	4.1	0.9	0.8
South West		1,182.6	85.5	62.6	276.4	92.7	5.7	0.8	0.8
QD8	AVON HA	245.1	84.3	54.5	46.0	93.2	5.0	0.8	1.0
QDV	CORNWALL & ISLES OF SCILLY HA	121.8	84.7	63.0	29.4	93.0	5.5	0.8	0.7
QDW	DORSET HA	159.0	88.8	77.9	47.7	93.8	5.0	0.6	0.5
QDY	GLOUCESTERSHIRE HA	134.0	86.5	64.1	31.9	93.0	5.3	0.9	0.8
QDX	NORTH & EAST DEVON HA	115.5	82.7	54.1	23.6	88.7	9.4	1.0	0.9
QD5	SOMERSET HA	115.4	86.8	57.1	25.2	91.0	6.8	1.2	0.9
QD6	SOUTH & WEST DEVON HA	139.7	86.9	71.0	38.7	93.7	4.8	0.7	0.8
QD7	WILTSHIRE HA	152.0	84.0	61.2	33.9	92.5	5.8	0.9	0.8
West Midlands		1,309.7	84.8	71.0	350.5	92.2	6.2	0.9	0.7
QD9	BIRMINGHAM HA	242.5	81.1	68.7	64.0	91.1	7.2	1.1	0.7
QEA	COVENTRY HA	71.4	83.5	64.8	17.1	94.9	3.5	0.6	1.0
QEC	DUDLEY HA	77.2	86.2	74.9	21.0	94.8	4.0	0.6	0.6
QED	HEREFORDSHIRE HA	41.4	83.2	72.5	12.5	94.5	4.1	0.8	0.6
QEH	NORTH STAFFORDSHIRE HA	112.9	86.9	76.3	33.9	89.1	8.9	1.2	0.8
QEE	SANDWELL HA	71.4	82.1	61.4	16.6	93.5	4.8	0.8	1.0
QEF	SHROPSHIRE HA	105.1	87.9	77.0	29.8	89.5	8.6	1.1	0.7
QEG	SOLIHULL HA	51.2	86.5	71.9	14.4	91.1	7.3	1.0	0.6
QEJ	SOUTH STAFFORDSHIRE HA	150.6	87.4	76.7	45.3	92.7	6.0	0.8	0.5
QEK	WALSALL HA	63.7	84.5	74.0	17.3	91.8	6.8	1.0	0.5
QEL	WARWICKSHIRE HA	128.3	86.3	75.3	35.5	94.0	4.6	0.8	0.7
QEM	WOLVERHAMPTON HA	57.7	83.5	68.4	13.2	92.1	6.4	0.9	0.7
QEN	WORCESTERSHIRE HA	136.2	84.5	60.4	30.1	93.6	4.8	0.8	0.8
North West		1,633.3	83.5	68.1	424.3	92.3	5.9	0.9	0.9
QCT	BURY & ROCHDALE HA	96.4	84.6	65.0	24.4	91.5	6.2	1.2	1.1
QCX	EAST LANCASHIRE HA	126.5	85.8	75.3	35.0	91.8	6.7	0.8	0.7
QC2	LIVERPOOL HA	112.2	78.9	58.3	26.1	91.3	6.4	1.1	1.1
QC3	MANCHESTER HA	99.9	75.9	57.6	21.5	91.0	6.5	1.2	1.2
QC4	MORECAMBE BAY HA	75.4	80.9	63.1	17.5	92.8	5.4	0.9	0.9
QCV	NORTH CHESHIRE HA	87.8	85.7	72.8	24.1	92.5	5.9	1.0	0.6
QCY	NORTH WEST LANCASHIRE HA	112.0	83.3	65.6	27.4	91.8	5.9	1.2	1.1
QC6	SALFORD & TRAFFORD HA	111.0	81.3	59.6	24.3	93.2	5.1	0.9	0.8
QC7	SEFTON HA	68.9	81.1	71.1	19.0	92.5	5.8	0.9	0.8
QCW	SOUTH CHESHIRE HA	166.4	87.6	76.4	49.3	92.5	5.8	0.8	0.8
QC1	SOUTH LANCASHIRE HA	78.7	85.9	71.2	20.5	94.7	3.8	0.5	0.9
QC5	ST HELENS & KNOWSLEY HA	83.3	82.9	60.8	20.0	89.6	8.5	1.0	0.9
QC8	STOCKPORT HA	74.3	84.2	63.8	18.4	89.9	8.5	0.9	0.7
QC9	WEST PENNINE HA	115.6	87.1	76.1	33.8	92.5	5.8	0.9	0.7
QDA	WIGAN & BOLTON HA	145.0	83.8	71.9	41.3	93.9	4.5	0.9	0.7
QDC	WIRRAL HA	79.7	83.2	72.3	21.7	92.4	5.8	0.9	0.9

(1) This is the number of women in the resident population less those with recall ceased for clinical reasons

Source : Form KC53

(2) excluding those women all of whose tests during the year were classified as 'inadequate'

(3) severe dyskaryosis or worse includes results reported as severe dyskaryosis, severe dyskaryosis/?invasive carcinoma, or ?glandular neoplasia

Table 10

Number and percentage of smears examined by pathology laboratories, by source of smear and Regional Office area, 1998-99

	Total smears	Result of test					Number	Result of test					Percentage
		Inadequate	Negative	Borderline/ Mild	Moderate Dyskaryosis	Severe or worse		Inadequate	Negative	Borderline/ Mild	Moderate Dyskaryosis	Severe or worse	
England													
All Sources	4,351,670	400,030	3,594,766	286,510	39,373	30,991	9.2	82.6	6.6	0.9	0.7		
GP	3,740,597	344,923	3,129,022	217,989	27,707	20,956	9.2	83.7	5.8	0.7	0.6		
NHSCC	197,393	19,193	161,559	13,649	1,822	1,170	9.7	81.8	6.9	0.9	0.6		
GUM	65,665	6,751	45,773	11,335	1,334	472	10.3	69.7	17.3	2.0	0.7		
NHS Hosp	300,371	25,972	219,297	39,134	8,007	7,961	8.6	73.0	13.0	2.7	2.7		
Private	28,766	1,569	23,723	2,889	296	289	5.5	82.5	10.0	1.0	1.0		
Other	18,878	1,622	15,392	1,514	207	143	8.6	81.5	8.0	1.1	0.8		
Northern & Yorkshire													
All Sources	565,308	51,985	472,923	32,166	3,961	4,273	9.2	83.7	5.7	0.7	0.8		
GP	488,552	44,360	413,122	25,076	2,944	3,050	9.1	84.6	5.1	0.6	0.6		
NHSCC	25,833	2,674	21,220	1,588	175	176	10.4	82.1	6.1	0.7	0.7		
GUM	3,740	456	2,535	647	69	33	12.2	67.8	17.3	1.8	0.9		
NHS Hosp	43,701	4,181	33,215	4,578	743	984	9.6	76.0	10.5	1.7	2.3		
Private	1,913	158	1,566	156	14	19	8.3	81.9	8.2	0.7	1.0		
Other	1,569	156	1,265	121	16	11	9.9	80.6	7.7	1.0	0.7		
Trent													
All Sources	423,359	44,017	348,666	24,825	3,494	2,357	10.4	82.4	5.9	0.8	0.6		
GP	371,350	38,474	309,205	19,375	2,593	1,703	10.4	83.3	5.2	0.7	0.5		
NHSCC	18,972	2,085	15,239	1,356	182	110	11.0	80.3	7.1	1.0	0.6		
GUM	4,799	590	3,280	817	97	15	12.3	68.3	17.0	2.0	0.3		
NHS Hosp	26,376	2,707	19,414	3,131	611	513	10.3	73.6	11.9	2.3	1.9		
Private	1,489	125	1,216	128	10	10	8.4	81.7	8.6	0.7	0.7		
Other	373	36	312	18	1	6	9.7	83.6	4.8	0.3	1.6		
Eastern													
All Sources	443,580	37,583	369,292	30,483	3,301	2,921	8.5	83.3	6.9	0.7	0.7		
GP	396,717	34,026	332,896	25,107	2,521	2,167	8.6	83.9	6.3	0.6	0.5		
NHSCC	11,259	982	9,366	754	86	71	8.7	83.2	6.7	0.8	0.6		
GUM	5,849	511	4,254	944	101	39	8.7	72.7	16.1	1.7	0.7		
NHS Hosp	25,491	1,819	19,251	3,256	558	607	7.1	75.5	12.8	2.2	2.4		
Private	3,497	166	2,903	362	33	33	4.7	83.0	10.4	0.9	0.9		
Other	767	79	622	60	2	4	10.3	81.1	7.8	0.3	0.5		
London													
All Sources	697,773	68,016	563,664	52,774	7,897	5,422	9.7	80.8	7.6	1.1	0.8		
GP	545,532	55,137	447,584	35,138	4,710	2,963	10.1	82.0	6.4	0.9	0.5		
NHSCC	54,490	4,876	44,563	4,173	571	307	8.9	81.8	7.7	1.0	0.6		
GUM	23,788	2,584	16,735	3,755	532	182	10.9	70.4	15.8	2.2	0.8		
NHS Hosp	60,747	4,809	43,913	8,291	1,907	1,827	7.9	72.3	13.6	3.1	3.0		
Private	9,320	389	7,633	1,063	129	106	4.2	81.9	11.4	1.4	1.1		
Other	3,896	221	3,236	354	48	37	5.7	83.1	9.1	1.2	0.9		
South East													
All Sources	748,091	56,389	637,122	43,694	6,023	4,863	7.5	85.2	5.8	0.8	0.7		
GP	664,513	50,192	570,593	35,340	4,685	3,703	7.6	85.9	5.3	0.7	0.6		
NHSCC	26,496	2,301	22,114	1,680	250	151	8.7	83.5	6.3	0.9	0.6		
GUM	12,157	906	9,045	1,946	180	80	7.5	74.4	16.0	1.5	0.7		
NHS Hosp	35,491	2,474	27,450	3,927	801	839	7.0	77.3	11.1	2.3	2.4		
Private	7,023	342	5,955	586	77	63	4.9	84.8	8.3	1.1	0.9		
Other	2,411	174	1,965	215	30	27	7.2	81.5	8.9	1.2	1.1		
South West													
All Sources	377,363	35,596	311,258	24,500	3,302	2,707	9.4	82.5	6.5	0.9	0.7		
GP	339,493	31,965	282,761	20,148	2,564	2,055	9.4	83.3	5.9	0.8	0.6		
NHSCC	10,966	1,169	8,733	893	107	64	10.7	79.6	8.1	1.0	0.6		
GUM	2,803	344	1,829	561	55	14	12.3	65.3	20.0	2.0	0.5		
NHS Hosp	20,237	1,707	14,871	2,582	537	540	8.4	73.5	12.8	2.7	2.7		
Private	1,221	83	1,050	77	3	8	6.8	86.0	6.3	0.2	0.7		
Other	2,643	328	2,014	239	36	26	12.4	76.2	9.0	1.4	1.0		
West Midlands													
All Sources	486,416	45,811	398,844	33,882	4,699	3,180	9.4	82.0	7.0	1.0	0.7		
GP	434,645	40,859	360,662	27,193	3,565	2,366	9.4	83.0	6.3	0.8	0.5		
NHSCC	16,694	1,654	13,530	1,239	175	96	9.9	81.0	7.4	1.0	0.6		
GUM	4,732	430	3,130	1,032	112	28	9.1	66.1	21.8	2.4	0.6		
NHS Hosp	27,800	2,645	19,484	4,164	831	676	9.5	70.1	15.0	3.0	2.4		
Private	963	88	707	153	5	10	9.1	73.4	15.9	0.5	1.0		
Other	1,582	135	1,331	101	11	4	8.5	84.1	6.4	0.7	0.3		
North West													
All Sources	609,780	60,633	492,997	44,186	6,696	5,268	9.9	80.8	7.2	1.1	0.9		
GP	499,795	49,910	412,199	30,612	4,125	2,949	10.0	82.5	6.1	0.8	0.6		
NHSCC	32,683	3,452	26,794	1,966	276	195	10.6	82.0	6.0	0.8	0.6		
GUM	7,797	930	4,965	1,633	188	81	11.9	63.7	20.9	2.4	1.0		
NHS Hosp	60,528	5,630	41,699	9,205	2,019	1,975	9.3	68.9	15.2	3.3	3.3		
Private	3,340	218	2,693	364	25	40	6.5	80.6	10.9	0.7	1.2		
Other	5,637	493	4,647	406	63	28	8.7	82.4	7.2	1.1	0.5		

Source : Form KC61 Part A

Table 10a Number and percentage of smears examined by pathology laboratories, by source of smear and result, 1998-99

England	Total all ages	Source					
		GP	NHSCC	GUM	NHS Hospital	Private	Other
Numbers							
Total	4,351,670	3,740,597	197,393	65,665	300,371	28,766	18,878
Inadequate	400,030	344,923	19,193	6,751	25,972	1,569	1,622
Negative	3,594,766	3,129,022	161,559	45,773	219,297	23,723	15,392
Borderline changes	179,815	139,788	8,215	6,003	22,812	2,178	819
Mild Dyskaryosis	106,695	78,201	5,434	5,332	16,322	711	695
Moderate Dyskaryosis	39,373	27,707	1,822	1,334	8,007	296	207
Severe Dyskaryosis	25,701	17,460	997	426	6,489	207	122
?Invasive Carcinoma	1,583	1,003	38	17	505	12	8
?Glandular Neoplasia	3,707	2,493	135	29	967	70	13
Percentages by result							
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Inadequate	9.19	9.22	9.72	10.28	8.65	5.45	8.59
Negative	82.61	83.65	81.85	69.71	73.01	82.47	81.53
Borderline changes	4.13	3.74	4.16	9.14	7.59	7.57	4.34
Mild Dyskaryosis	2.45	2.09	2.75	8.12	5.43	2.47	3.68
Moderate Dyskaryosis	0.90	0.74	0.92	2.03	2.67	1.03	1.10
Severe Dyskaryosis	0.59	0.47	0.51	0.65	2.16	0.72	0.65
?Invasive Carcinoma	0.04	0.03	0.02	0.03	0.17	0.04	0.04
?Glandular Neoplasia	0.09	0.07	0.07	0.04	0.32	0.24	0.07
Percentages by source							
Total	100.00	85.96	4.54	1.51	6.90	0.66	0.43
Inadequate	100.00	86.22	4.80	1.69	6.49	0.39	0.41
Negative	100.00	87.04	4.49	1.27	6.10	0.66	0.43
Borderline changes	100.00	77.74	4.57	3.34	12.69	1.21	0.46
Mild Dyskaryosis	100.00	73.29	5.09	5.00	15.30	0.67	0.65
Moderate Dyskaryosis	100.00	70.37	4.63	3.39	20.34	0.75	0.53
Severe Dyskaryosis	100.00	67.94	3.88	1.66	25.25	0.81	0.47
?Invasive Carcinoma	100.00	63.36	2.40	1.07	31.90	0.76	0.51
?Glandular Neoplasia	100.00	67.25	3.64	0.78	26.09	1.89	0.35

Source : Form KC61 Part A

Table 11 GP & NHS Community Clinic smears examined by pathology laboratories, by result and age of women, 1998-99

England

Age Groups	Total	Result of Test							
		Inadequate	Negative	Borderline changes	Mild Dyskaryosis	Moderate Dyskaryosis	Severe Dyskaryosis	?Invasive Carcinoma	?Glandular Neoplasia
Numbers									
All ages	3,937,990	364,116	3,290,581	148,003	83,635	29,529	18,457	1,041	2,628
20 - 64	3,765,614	349,324	3,149,910	139,903	77,161	27,964	17,970	953	2,429
Under 20	97,483	10,398	72,763	6,643	6,020	1,363	279	3	14
20 - 24	386,341	43,730	292,930	21,938	19,590	5,931	2,123	22	77
25 - 29	560,161	61,624	444,037	23,797	18,206	7,524	4,580	116	276
30 - 34	608,931	62,126	501,865	21,539	12,897	5,598	4,355	176	375
35 - 39	546,411	53,111	458,333	19,337	8,887	3,423	2,781	164	376
40 - 44	445,901	41,361	377,587	16,428	6,337	2,108	1,652	109	319
45 - 49	391,814	32,672	336,668	14,880	4,879	1,344	967	93	311
50 - 54	363,955	25,500	320,709	12,082	3,522	1,065	694	90	293
55 - 59	258,395	17,290	231,576	6,317	1,820	583	486	89	234
60 - 64	203,705	11,910	186,205	3,585	1,023	388	332	94	168
65 - 69	58,698	3,326	53,554	1,079	322	141	137	37	102
70 - 74	11,090	664	9,977	244	79	29	42	17	38
75 and over	5,105	404	4,377	134	53	32	29	31	45
Percentages									
All ages	100.0	9.2	83.6	3.8	2.1	0.7	0.5	0.0	0.1
20 - 64	100.0	9.3	83.6	3.7	2.0	0.7	0.5	0.0	0.1
Under 20	100.0	10.7	74.6	6.8	6.2	1.4	0.3	0.0	0.0
20 - 24	100.0	11.3	75.8	5.7	5.1	1.5	0.5	0.0	0.0
25 - 29	100.0	11.0	79.3	4.2	3.3	1.3	0.8	0.0	0.0
30 - 34	100.0	10.2	82.4	3.5	2.1	0.9	0.7	0.0	0.1
35 - 39	100.0	9.7	83.9	3.5	1.6	0.6	0.5	0.0	0.1
40 - 44	100.0	9.3	84.7	3.7	1.4	0.5	0.4	0.0	0.1
45 - 49	100.0	8.3	85.9	3.8	1.2	0.3	0.2	0.0	0.1
50 - 54	100.0	7.0	88.1	3.3	1.0	0.3	0.2	0.0	0.1
55 - 59	100.0	6.7	89.6	2.4	0.7	0.2	0.2	0.0	0.1
60 - 64	100.0	5.8	91.4	1.8	0.5	0.2	0.2	0.0	0.1
65 - 69	100.0	5.7	91.2	1.8	0.5	0.2	0.2	0.1	0.2
70 - 74	100.0	6.0	90.0	2.2	0.7	0.3	0.4	0.2	0.3
75 and over	100.0	7.9	85.7	2.6	1.0	0.6	0.6	0.6	0.9

Source : Form KC61 Part B

Table 12 Number of smears examined by pathology laboratories, from GP and NHS Community Clinics, percentage results of women 20-64, 1998-99

	Smears from GP and NHS Community Clinics - women aged 20 - 64									
	Total smears examined		Result (as a percentage of total adequate)							PPV %
	All sources all ages	GP & NHS CC (20 - 64)	Inadequate % (cat.1)	Total adequate smears	Negative % (cat.2)	Borderline % (cat.8)	Mild % (cat.3)	Moderate % (cat.7)	Severe % (cat.4,5 & 6)	
England - 171 laboratories	4,351,670	3,765,614	9.3	3,416,290	92.2	4.1	2.3	0.8	0.6	
Northern & Yorkshire - 23 laboratories	565,308	491,694	9.2	446,583	93.1	3.9	1.6	0.7	0.7	
(1) Leeds Teaching Hospitals	93,812	79,469	10.7	70,980	95.6	2.8	0.5	0.4	0.6	87.1
Royal Victoria Infirmary (Newcastle)	59,171	51,796	7.7	47,823	92.5	4.4	1.6	0.4	1.0	80.1
Castle Hill Hospital	44,045	37,866	5.7	35,694	96.3	2.0	0.6	0.4	0.7	83.1
Queen Elizabeth Hospital (Gateshead)	32,689	28,960	13.5	25,039	93.9	3.3	1.3	0.8	0.8	76.9
Middlesbrough General Hospital	28,031	25,267	10.9	22,525	92.1	5.6	1.3	0.6	0.4	80.0
York District Hospital	27,270	24,835	9.2	22,539	92.4	3.9	2.4	0.7	0.5	88.3
Sunderland Royal Hospital	24,946	21,414	12.5	18,727	89.1	6.7	2.6	0.9	0.7	90.5
Dryburn Hospital	24,818	21,616	10.7	19,313	90.9	4.6	2.6	0.6	1.4	75.3
Huddersfield Royal Infirmary	19,774	16,632	6.8	15,502	89.7	6.1	2.9	0.9	0.4	77.8
Scarborough Hospital	19,378	17,484	7.8	16,128	93.4	3.2	2.1	0.9	0.3	79.7
Pinderfields General Hospital	18,304	16,442	10.2	14,767	88.1	6.3	3.8	1.2	0.7	75.0
North Tees General Hospital	17,137	14,743	11.2	13,089	93.8	3.4	1.3	0.8	0.7	88.9
Royal Halifax Infirmary	16,937	15,321	5.7	14,449	95.1	2.1	1.6	0.6	0.6	68.8
Bishop Auckland General Hospital	16,356	13,838	7.2	12,835	92.0	4.8	1.3	0.9	1.0	67.5
Cumberland Infirmary (Carlisle)	16,287	14,407	5.3	13,640	94.1	3.3	1.2	1.0	0.4	74.0
Dewsbury District Hospital	15,406	13,086	9.0	11,912	87.8	7.2	3.5	0.9	0.5	66.1
North Tyneside District General	15,176	12,547	8.8	11,437	93.2	3.6	1.5	0.7	1.0	88.0
Harrrogate General Hospital	15,117	13,043	8.8	11,894	94.2	2.6	1.9	0.7	0.7	74.0
Hartlepool General Hospital	13,732	11,679	13.2	10,140	93.2	4.6	1.0	0.5	0.7	96.2
Pontefract General Infirmary	13,683	11,297	5.9	10,627	92.9	3.1	2.1	1.0	0.9	58.4
West Cumberland Hospital	12,077	11,113	6.8	10,361	93.6	2.4	2.4	0.7	0.9	71.9
Darlington Memorial Hospital	10,812	9,711	11.8	8,561	93.9	3.6	1.4	0.6	0.5	61.9
Friarage General Hospital	10,350	9,128	5.8	8,601	94.3	3.6	1.3	0.6	0.3	94.1
Trent - 15 laboratories	423,359	373,311	10.4	334,594	92.9	3.7	2.0	0.8	0.5	
Leicester Royal Infirmary	75,010	69,599	11.2	61,817	93.5	4.3	0.9	0.7	0.6	88.9
Nottingham City Hospital	50,355	43,420	10.8	38,748	93.0	4.2	1.4	0.6	0.7	62.5
Derbyshire Royal Infirmary	47,820	42,964	14.7	36,628	94.2	2.7	2.0	0.7	0.5	65.2
Northern General Hospital (Sheffield)	34,044	29,919	9.5	27,072	92.8	3.5	2.3	0.9	0.5	84.2
Doncaster Royal Infirmary	31,177	25,722	10.2	23,093	93.0	3.5	2.6	0.6	0.3	75.6
Chesterfield & North Derby Royal	27,629	25,555	11.6	22,582	91.8	5.6	1.3	0.9	0.4	68.2
Kings Mill Hospital	26,490	23,100	4.4	22,077	94.0	1.7	3.1	0.6	0.6	81.7
Rotherham District General Hospital	20,173	17,187	12.1	15,099	92.0	3.0	3.4	1.0	0.6	72.1
Lincoln County Hospital	18,474	16,740	9.2	15,208	93.0	2.0	3.6	0.7	0.7	76.1
Grimsby District General Hospital	17,721	16,096	11.7	14,207	93.0	3.7	1.9	0.9	0.5	80.4
Barnsley District General Hospital	17,583	14,433	6.7	13,461	88.4	5.2	4.4	1.4	0.5	79.2
Scunthorpe General Hospital	16,921	14,846	7.1	13,795	92.5	3.1	2.7	1.0	0.7	80.3
(2) Pilgrim Hospital (Boston)	14,844	13,575	5.9	12,777	94.6	2.8	1.1	1.3	0.3	95.7
Royal Hallamshire Hospital	13,751	10,987	11.6	9,713	93.3	4.7	1.2	0.4	0.3	73.7
Bassetlaw District General Hospital	11,367	9,168	9.3	8,317	90.6	5.9	2.7	0.5	0.3	75.0
Eastern - 17 laboratories	443,580	389,342	8.6	355,830	91.9	4.6	2.2	0.7	0.6	
Watford General Hospital	59,197	52,355	6.2	49,118	95.6	2.3	1.1	0.6	0.4	79.1
Norfolk & Norwich Hospital	40,393	37,396	10.0	33,661	89.3	6.7	2.7	0.5	0.7	79.2
(2) Queen Elizabeth II Hospital (Herts)	34,641	30,679	10.2	27,552	92.8	3.7	1.9	0.6	1.1	69.7
Ipswich Hospital	30,131	26,459	5.8	24,922	92.5	4.9	1.6	0.4	0.5	81.6
Addenbrookes Hospital	28,043	24,580	9.6	22,223	92.5	4.3	2.0	0.7	0.5	71.2
Colchester Hospital (Severalls)	27,471	23,438	10.7	20,935	90.8	3.9	3.1	1.1	1.0	77.2
(2) Chelmsford & Essex Hospital	27,083	22,983	5.0	21,829	85.8	8.5	4.8	0.7	0.2	76.0
Southend Hospital	24,671	21,986	7.6	20,319	89.5	6.2	2.8	0.9	0.6	70.4
Basildon Hospital	22,228	19,684	13.3	17,057	93.6	2.4	2.6	0.8	0.6	87.5
(2) West Suffolk Hospital	22,183	19,625	10.3	17,610	88.3	7.5	2.6	0.9	0.6	76.6
Luton and Dunstable Hospital	21,039	17,982	9.8	16,219	90.5	4.6	3.5	1.0	0.5	83.6
James Paget Hospital	19,969	17,568	8.0	16,160	93.7	4.2	1.2	0.5	0.4	62.3
Peterborough District Hospital	19,294	15,653	7.8	14,428	94.3	2.8	1.5	0.7	0.7	70.4
(2) Bedford General Hospital	19,293	17,325	6.5	16,191	91.6	4.6	2.3	0.9	0.6	79.2
St Margaret's Hospital (Epping)	18,954	16,192	13.6	13,992	93.2	3.4	2.0	0.6	0.8	74.4
Queen Elizabeth Hospital (King's Lynn)	15,297	13,936	5.6	13,155	94.1	3.7	1.3	0.6	0.3	70.4
Hinchingbrooke Hospital	13,693	11,501	9.1	10,459	91.8	5.3	1.6	0.7	0.6	90.0

continued

Table 12 Number of smears examined by pathology laboratories, from GP and NHS Community Clinics, percentage results of women 20-64, 1998-99

	Smears from GP and NHS Community Clinics - women aged 20 - 64									
	Total smears examined		Result (as a percentage of total adequate)							PPV %
	All sources all ages	GP & NHS CC (20 - 64)	Inadequate % (cat.1)	Total adequate smears	Negative % (cat.2)	Borderline % (cat.8)	Mild % (cat.3)	Moderate % (cat.7)	Severe % (cat.4,5 & 6)	
England - 171 laboratories	4,351,670	3,765,614	9.3	3,416,290	92.2	4.1	2.3	0.8	0.6	
London - 28 laboratories	697,773	578,347	10.0	520,289	91.2	4.5	2.8	1.0	0.6	
Hammersmith Hospitals	40,727	29,954	12.9	26,104	85.7	9.9	1.9	1.4	1.1	77.8
The Royal London Hospital	36,238	29,483	10.2	26,483	97.2	1.7	0.2	0.4	0.6	79.1
Havering Hospitals (Harold Wood)	34,961	29,831	11.0	26,542	92.8	3.4	2.4	0.7	0.6	83.1
Wellhouse NHS Trust (Barnet)	34,691	31,743	12.6	27,740	94.7	2.9	1.3	0.6	0.5	70.9
St Thomas's Hospital	32,505	27,437	7.9	25,279	85.4	8.3	3.5	2.0	0.7	55.6
St Helier Hospital	32,437	27,107	9.8	24,444	92.7	4.0	1.8	0.7	0.7	57.9
Farnborough Hospital (Orpington)	29,440	26,827	10.9	23,910	95.4	0.5	2.6	0.7	0.7	84.4
St George's Hospital (Tooting)	29,415	23,549	7.7	21,734	87.0	2.2	9.0	1.0	0.8	77.4
Whittington Hospital	26,243	21,859	7.4	20,236	90.8	4.5	3.1	1.2	0.4	64.4
Lewisham Hospital	25,271	23,803	11.8	20,988	88.3	5.9	3.9	1.2	0.7	75.7
Queen Mary's Hospital (Sidcup)	25,110	21,167	6.9	19,717	90.8	6.0	2.0	0.8	0.4	74.7
(2) Central Middlesex Hospital	24,624	22,559	7.5	20,875	91.2	4.7	2.6	1.2	0.3	55.3
St Bartholomew's Hospital	23,400	16,527	15.4	13,979	92.7	4.1	1.9	0.8	0.5	75.7
Whipps Cross Hospital	23,262	20,629	13.0	17,943	88.8	5.4	3.9	1.2	0.6	63.9
St Mary's Hospital (London)	22,740	15,053	8.9	13,714	89.4	5.4	3.4	1.2	0.7	72.3
Kingston Hospital	22,386	20,375	10.0	18,335	94.3	3.2	1.3	0.8	0.4	76.6
Chase Farm Hospital	22,004	19,646	6.6	18,350	92.1	4.3	2.2	1.0	0.4	77.5
(2) Ealing Hospital	21,973	19,018	10.0	17,122	91.7	5.0	2.0	0.7	0.5	70.0
Queen Mary's University Hospital (Roehampton)	21,735	17,788	10.1	15,993	90.2	5.3	2.9	1.2	0.5	74.6
(3) Smith Kline Beecham Clinical Laboratories	21,290	15,910	4.8	15,151	94.4	2.7	1.8	0.6	0.4	92.3
Kings College Hospital	21,106	15,913	14.5	13,602	91.3	5.2	2.4	0.7	0.4	76.2
University College Hospital	20,871	12,605	6.3	11,809	86.9	7.1	3.9	1.3	0.8	85.0
Northwick Park Hospital	19,607	17,549	8.1	16,120	94.4	2.9	1.6	0.6	0.6	65.0
King George Hospital (Ilford)	19,430	15,920	13.8	13,722	90.9	5.1	2.2	1.0	0.8	84.1
Greenwich District Hospital	18,658	16,470	12.7	14,385	91.5	5.0	2.3	0.9	0.3	60.0
North Middlesex Hospital	17,107	14,682	8.4	13,456	92.8	2.7	3.4	0.6	0.5	90.7
(2) Mayday University Hospital	16,332	15,044	9.7	13,590	90.0	4.9	2.8	1.3	1.0	50.0
Royal Free Hospital	14,210	9,899	9.4	8,966	84.5	2.8	10.4	1.4	0.9	66.7
South East - 27 laboratories	748,091	661,718	7.6	611,182	92.9	3.7	2.0	0.8	0.6	
(4) Partnership Pathology Services - Guildford	53,516	46,434	7.2	43,105	93.9	2.6	2.4	0.6	0.4	78.9
William Harvey Hospital	49,700	43,235	5.8	40,743	94.3	2.5	1.9	0.7	0.5	89.2
John Radcliffe Hospital	48,456	43,588	5.3	41,280	92.3	4.6	2.0	0.7	0.5	77.0
Stoke Mandeville Hospital	40,937	36,656	5.0	34,829	94.5	2.5	1.6	0.7	0.7	81.7
Queen Alexandra Hospital (Cosham)	40,442	34,663	9.9	31,230	90.2	6.0	1.8	1.2	0.8	76.2
Royal Hampshire County Hospital	35,480	32,165	7.8	29,654	92.3	4.4	1.9	0.8	0.5	79.7
Royal Berkshire Hospital	34,627	32,058	4.0	30,761	93.2	3.4	2.1	0.7	0.5	83.9
Southampton General Hospital	33,514	29,357	5.3	27,798	93.4	3.2	2.0	1.0	0.4	70.4
Northampton General Hospital	32,258	28,494	10.5	25,499	92.7	3.4	2.5	0.8	0.6	75.7
Wexham Park Hospital	30,246	26,438	14.6	22,574	90.3	5.3	2.1	1.0	1.2	73.4
Brighton General Hospital	29,715	26,347	6.7	24,571	93.1	3.2	2.4	0.7	0.6	77.9
All Saints Hospital	29,696	25,808	9.4	23,383	92.8	2.6	3.1	1.1	0.5	83.6
Princess Royal Hospital (Haywards Heath)	25,985	22,845	10.8	20,381	92.8	3.3	1.4	1.6	1.0	47.7
Wycombe General Hospital	25,535	22,805	10.8	20,348	91.5	5.8	1.4	0.6	0.8	94.1
Kettering General Hospital	24,650	22,566	6.5	21,091	92.2	4.6	1.8	0.6	0.7	72.3
Pembury Hospital	22,795	20,972	7.1	19,486	90.3	6.8	2.0	0.5	0.4	83.1
St Peter's Hospital (Chertsey)	21,277	18,940	5.9	17,815	95.5	1.8	1.6	0.5	0.7	82.1
Joyce Green Hospital	20,843	18,855	10.1	16,943	92.6	3.3	2.8	0.6	0.7	75.0
Ashford Hospital Middlesex	19,365	17,107	9.3	15,511	92.7	3.9	2.3	0.4	0.7	87.9
Worthing Hospital	18,656	15,744	7.2	14,615	93.4	3.9	1.4	0.7	0.7	77.4
Epsom General Hospital	18,453	16,244	8.9	14,806	93.0	2.5	3.3	0.7	0.4	80.0
Eastbourne District General Hospital	17,768	15,338	10.2	13,781	92.9	4.1	1.4	0.8	0.8	78.9
(2) East Surrey Hospital	17,292	15,983	6.6	14,935	94.0	3.5	1.3	0.7	0.5	71.4
Preston Hall, Mid Kent Healthcare	16,255	14,412	7.1	13,386	95.2	3.0	0.9	0.6	0.3	100.0
St Richard's Hospital (Chichester)	15,208	12,742	4.3	12,190	95.5	2.8	1.0	0.3	0.4	81.5
Conquest Hospital	13,248	11,475	6.2	10,766	94.7	2.1	1.7	0.7	0.8	83.7
St Mary's Hospital (Isle of Wight)	12,174	10,447	7.1	9,701	90.1	6.4	2.0	0.8	0.6	69.2
South West - 14 laboratories	377,363	335,280	9.5	303,417	91.9	4.1	2.4	0.8	0.7	
Southmead Hospital	48,656	44,631	11.4	39,560	93.1	3.3	2.1	0.8	0.8	79.4
Royal Bournemouth General Hospital	44,921	40,500	8.1	37,214	92.5	4.6	1.7	0.7	0.4	65.6
Derriford Hospital	34,780	31,099	8.8	28,362	92.4	3.3	3.1	0.7	0.6	79.7
Royal Devon & Exeter Hospital	31,606	28,379	8.4	25,992	87.7	7.1	3.8	0.8	0.7	80.6
Musgrove Park Hospital	30,874	27,025	15.0	22,979	90.1	4.1	3.7	1.3	0.8	66.3
Royal Cornwall Hospital (Treliske)	30,160	27,367	7.5	25,310	91.7	3.4	3.3	0.9	0.7	80.2
Royal United Hospital (Bath)	28,265	24,773	8.4	22,697	93.0	3.8	1.6	0.9	0.7	69.0
Gloucestershire Royal Hospital	26,018	23,899	10.3	21,441	91.0	5.4	1.8	1.2	0.7	95.3
Torbay Hospital	24,367	22,450	8.3	20,594	93.6	3.3	1.5	0.7	1.0	82.1
Princess Margaret Hospital (Swindon)	21,432	18,673	6.8	17,396	92.0	3.8	2.6	0.9	0.7	74.7
Cheltenham General Hospital	18,590	16,531	10.3	14,834	94.0	3.4	1.1	0.5	0.9	77.3
Salisbury District Hospital	17,744	14,222	11.5	12,581	89.3	5.2	4.0	0.9	0.6	73.2
West Dorset Hospital	16,476	15,181	8.0	13,974	95.1	2.7	1.2	0.5	0.5	76.7
(5) Bristol Royal Infirmary	3,474	550	12.2	483	89.2	8.1	1.4	1.0	0.2	57.1

continued

Table 12 Number of smears examined by pathology laboratories, from GP and NHS Community Clinics, percentage results of women 20-64, 1998-99

	Smears from GP and NHS Community Clinics - women aged 20 - 64									
	Total smears examined		Result (as a percentage of total adequate)							PPV %
	All sources all ages	GP & NHS CC (20 - 64)	Inadequate % (cat.1)	Total adequate smears	Negative % (cat.2)	Borderline % (cat.8)	Mild % (cat.3)	Moderate % (cat.7)	Severe % (cat.4,5 & 6)	
England - 171 laboratories	4,351,670	3,765,614	9.3	3,416,290	92.2	4.1	2.3	0.8	0.6	
West Midlands - 19 laboratories	486,416	433,591	9.4	392,632	91.6	4.6	2.3	0.9	0.6	
North Staffordshire Hospital	43,943	41,194	7.2	38,213	88.3	7.5	2.3	1.3	0.6	70.3
Princess Royal Hospital (Telford)	40,304	36,119	8.8	32,948	88.1	5.6	4.6	1.1	0.6	75.8
Birmingham Women's Healthcare	38,825	31,253	9.2	28,380	92.8	3.9	1.8	1.1	0.5	89.5
Birmingham Heartlands Hospital	38,153	34,880	14.7	29,766	89.2	5.7	3.2	1.2	0.7	83.7
Walsgrave General Hospital	32,016	27,949	7.8	25,758	94.5	2.4	1.8	0.5	0.8	85.1
Russells Hall Hospital (Dudley)	30,110	27,523	10.0	24,783	94.2	3.5	1.2	0.6	0.5	100.0
Newcross Hospital (Wolverhampton)	29,324	25,939	9.2	23,542	92.4	5.1	1.2	0.7	0.5	77.5
Good Hope Hospital	25,819	23,223	11.1	20,638	88.5	6.1	3.9	0.8	0.7	81.5
Walsall Manor Hospital	23,441	20,326	9.8	18,329	91.7	4.1	2.8	1.1	0.4	69.2
Queen's Hospital (Burton)	23,363	21,890	11.1	19,458	93.6	3.9	1.6	0.8	0.2	78.0
Staffordshire General Hospital	23,288	21,056	9.0	19,157	90.4	5.9	1.7	1.2	0.7	67.0
Warwick Hospital	20,686	19,320	7.7	17,840	93.5	3.5	1.8	0.8	0.5	72.4
Sandwell District General Hospital	20,514	17,521	7.6	16,191	93.0	3.7	1.6	0.7	0.9	85.5
George Eliot Hospital (Nuneaton)	19,079	17,294	2.8	16,815	92.0	3.3	2.8	1.0	0.9	84.0
City Hospital Birmingham	18,667	15,737	10.9	14,018	93.7	3.4	1.9	0.5	0.6	86.7
County Hospital Hereford	18,492	16,821	12.8	14,673	93.5	3.4	1.8	0.9	0.4	76.2
Worcester Royal Infirmary	17,750	15,728	11.0	13,998	94.4	2.9	1.1	0.7	0.8	85.7
Alexandra Hospital (Redditch)	13,875	12,214	8.9	11,127	93.5	3.5	1.9	0.6	0.5	72.3
Kidderminster General Hospital	8,767	7,604	8.0	6,998	90.6	6.1	1.6	1.0	0.6	76.7
North West - 28 laboratories	609,780	502,253	10.1	451,693	91.9	3.8	2.8	0.9	0.7	
Christie Hospital	106,892	90,934	8.8	82,894	93.3	3.3	2.1	0.8	0.5	79.5
Royal Liverpool Hospital	36,212	26,602	14.8	22,665	91.0	3.5	3.8	1.0	0.8	65.5
Chorley & District Hospital	31,930	25,482	7.7	23,514	94.5	2.3	2.0	0.5	0.7	82.5
Arrow Park Hospital	31,867	27,243	11.5	24,110	92.2	3.5	2.7	0.9	0.7	75.4
Stepping Hill Hospital (Stockport)	30,356	26,322	7.2	24,425	89.2	4.6	4.9	0.8	0.5	70.4
Countess of Chester Hospital	28,498	25,583	10.9	22,807	91.9	3.4	3.2	1.1	0.4	59.0
Warrington Hospital	27,844	24,597	9.4	22,286	91.6	4.3	2.4	1.0	0.7	76.7
Leighton Hospital	27,592	21,972	11.5	19,438	94.8	2.7	1.2	0.5	0.8	71.1
Victoria Hospital (Blackpool)	27,200	22,327	11.0	19,878	90.5	3.3	3.9	1.4	0.9	71.0
Fazakerley Hospital	27,130	25,162	14.1	21,607	91.3	4.5	2.5	0.9	0.8	73.8
Royal Bolton Hospital	24,979	21,843	5.8	20,566	92.4	3.4	2.3	1.1	0.8	76.6
Blackburn Royal Infirmary	23,990	20,744	8.7	18,935	93.5	3.8	1.6	0.7	0.5	91.4
Whiston Hospital	21,818	17,905	17.7	14,741	89.3	3.3	5.7	1.0	0.7	76.1
Burnley General Hospital	20,141	17,409	8.3	15,964	89.2	7.0	2.4	1.0	0.6	64.2
Macclesfield District Hospital	18,521	14,806	8.9	13,481	89.1	4.7	4.3	1.1	0.8	81.7
Tameside General Hospital	18,377	15,298	7.0	14,226	92.7	3.7	2.3	0.8	0.5	79.2
Bury General Hospital	17,509	14,468	11.2	12,841	90.0	6.3	1.8	0.9	1.0	89.6
Royal Oldham Hospital	16,578	13,342	9.2	12,116	90.2	4.7	3.1	1.0	0.9	81.7
Furness General Hospital	14,614	13,120	12.9	11,434	93.0	3.7	2.0	0.6	0.7	91.7
Birch Hill Hospital (Rochdale)	14,379	12,904	7.4	11,953	89.6	3.2	4.3	1.8	1.0	71.9
(2) Southport General Infirmary	10,371	9,018	12.4	7,896	92.3	3.9	2.0	1.2	0.6	63.6
Royal Lancaster Infirmary	10,164	8,340	7.5	7,716	90.6	4.8	2.8	1.0	0.8	88.0
Ormskirk & District Hospital	7,956	6,832	9.3	6,200	94.6	2.6	1.5	0.5	0.8	76.9
(6) St Mary's Hospital (Manchester)	3,894	-	-	-	-	-	-	-	-	-
(6) Royal Albert Edward Infirmary	3,866	-	-	-	-	-	-	-	-	-
(6) Trafford General Hospital	3,348	-	-	-	-	-	-	-	-	-
(6) Hope Hospital (Salford)	2,166	-	-	-	-	-	-	-	-	-
(6) North Manchester General Hospital	1,588	-	-	-	-	-	-	-	-	-

Source : Form KC61

- (1) Leeds Teaching Hospitals includes Leeds General Infirmary, St James's and St Luke's Hospitals
(2) Incomplete data: partly apportioned
(3) Smith Kline Beecham Clinical Laboratories (Heston, Middlesex) has now been taken over by Quest Diagnostics
(4) Partnership Pathology Services includes Royal Surrey County Hospital and Frimley Park Hospital
(5) Deals mostly with referrals
(6) Report on very few or no smears from GP & NHS Community Clinics.

- not applicable

Table 13

Outcome of referrals for smears registered at the laboratory between April - June 1998.

Women referred after persistent non-negative smear (ie category 1/8/3 result)

	Total	Total with known result	Cancer	CIN 2/3 & adenocarcinoma in situ	CIN1	HPV only	No CIN/ No HPV	Inadequate biopsy	Colposcopy NAD
Numbers									
England	20,022	12,264	20	2,689	3,877	1,521	2,201	272	1,684
Northern & Yorkshire	1,905	1,650	3	380	423	233	259	38	314
Trent	1,456	1,029	2	182	272	94	235	16	228
Eastern	1,369	1,122	1	289	386	152	191	18	85
London	5,895	1,435	2	299	516	201	237	34	146
South East	2,810	1,993	4	504	709	244	316	40	176
South West	1,367	951	5	272	309	97	176	25	67
West Midlands	1,757	1,515	2	269	373	185	234	39	413
North West	3,463	2,569	1	494	889	315	553	62	255
Percentage of cases with known result									
England		100.00	0.2	21.9	31.6	12.4	17.9	2.2	13.7
Northern & Yorkshire		100.00	0.2	23.0	25.6	14.1	15.7	2.3	19.0
Trent		100.00	0.2	17.7	26.4	9.1	22.8	1.6	22.2
Eastern		100.00	0.1	25.8	34.4	13.5	17.0	1.6	7.6
London		100.00	0.1	20.8	36.0	14.0	16.5	2.4	10.2
South East		100.00	0.2	25.3	35.6	12.2	15.9	2.0	8.8
South West		100.00	0.5	28.6	32.5	10.2	18.5	2.6	7.0
West Midlands		100.00	0.1	17.8	24.6	12.2	15.4	2.6	27.3
North West		100.00	0.0	19.2	34.6	12.3	21.5	2.4	9.9

Women referred after single occurrence of potentially significant abnormality (ie category 7/4/5/6 result)

	Total	Total with known result	Cancer	CIN 2/3 & adenocarcinoma in situ	CIN1	HPV only	No CIN/ No HPV	Inadequate biopsy	Colposcopy NAD
Numbers									
England	14,573	12,255	332	8,771	1,563	344	823	148	274
Northern & Yorkshire	1,717	1,594	49	1,170	177	47	95	13	43
Trent	1,201	1,073	41	748	113	36	104	7	24
Eastern	1,382	1,264	23	928	169	40	84	5	15
London	2,609	1,647	38	1,130	274	59	94	29	23
South East	2,447	2,091	54	1,520	242	41	157	38	39
South West	1,369	1,186	33	848	156	30	77	15	27
West Midlands	1,491	1,392	41	986	159	40	69	21	76
North West	2,357	2,008	53	1,441	273	51	143	20	27
Percentage of cases with known result									
England		100.00	2.7	71.6	12.8	2.8	6.7	1.2	2.2
Northern & Yorkshire		100.00	3.1	73.4	11.1	2.9	6.0	0.8	2.7
Trent		100.00	3.8	69.7	10.5	3.4	9.7	0.7	2.2
Eastern		100.00	1.8	73.4	13.4	3.2	6.6	0.4	1.2
London		100.00	2.3	68.6	16.6	3.6	5.7	1.8	1.4
South East		100.00	2.6	72.7	11.6	2.0	7.5	1.8	1.9
South West		100.00	2.8	71.5	13.2	2.5	6.5	1.3	2.3
West Midlands		100.00	2.9	70.8	11.4	2.9	5.0	1.5	5.5
North West		100.00	2.6	71.8	13.6	2.5	7.1	1.0	1.3