



***Cervical Screening
Programme***

Wales 2010/11

**KC53/61/65 Statistical Report – Adroddiad Ystadegol
2010/11**

Prepared by Cervical Screening Wales

CERVICAL SCREENING WALES

STATISTICAL REPORT

CERVICAL SCREENING PROGRAMME, WALES: 2010/2011

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CERVICAL SCREENING PROGRAMME: WALES 2010/2011

Introduction

This report continues the series of detailed summaries of information gathered from three sources on work undertaken by Cervical Screening Wales (CSW):

1. Information from the NHAIS call and recall system (the 'Exeter System') collected by the Cervical Screening Administration Departments (KC53). This is the eighth report to show the KC53 statistics by Health Board (HB) area. It should be noted that information relates to the new HB structure introduced in October 2009.
2. Information on cervical screening tests examined by the pathology laboratories (KC61) following the uptake of invitations for screening including opportunistic tests.
3. Information about colposcopy activity (KC65) collected from the CANISC-Colposcopy Information System, previously known as ISCO, which records clinical and administrative data from colposcopy services in Health Boards.

The series of statistical reports published by CSW were originally produced by the Welsh Government's (WG) Health Statistics and Analysis Unit. Statistics from previous years may be found on the CSW website <http://www.screeningservices.org/csw/> and in Health Statistics bulletins published by WG.

Policy for the cervical screening programme in Wales, was established on the introduction of CSW in 1999. Women are invited to be screened at least once every three years within the age group of 20-64 years. This report includes this target age range and also the age range 25-64 years for comparison with the NHSCSP bulletin on cervical cytology.

Key Facts

- At 31 March 2011, 76.4% of women in the target age group (20-64 years) had been screened with an adequate result at least once in the last 5 years, whilst coverage exceeds 73% in all Health Boards.
- At 31 March 2011, coverage for 25-64 year olds was 79.6%.
- 213,100 women were screened in 2010/11, (including those with inadequate results); the majority in response to a formal invitation from the screening programme.
- Laboratories in Wales examined around 215,300 samples in 2010/11. (Laboratories in England examined approximately a further 12,000 for CSW).
- 9,600 new patients were seen at colposcopy clinics in Wales in 2010/2011, 78% having been directly referred by Cervical Screening Wales.

Changes in definition

Any changes in definition are noted in the text. Prior to 1997/98, all women classified as 'recall ceased' by the programme (for medical, age or other reasons) were excluded from the denominator used to calculate coverage.

In 1998/99 the definition changed to exclude only those women with "recall ceased for clinical reasons" (no cervix).

Since 2001/02, coverage figures include only those women who received an adequate test in the last 3 or 5 years in the numerator. Coverage figures are, therefore, not directly comparable across the years.

Coverage (Tables and Figures 1 and 2)

The reported coverage by the screening programme of women aged 20-64 was 62% in 1989/90 when population screening was introduced and has been over 80% from 1992/93 to 2001/02. In 2010/11 76.4% of women aged 20-64 years had been tested with an adequate result in the last 5 years. There is some variation in coverage between Health Boards (HB), ranging from 73.7% in Cardiff and Vale UHB to 80.0% in Powys THB. However coverage has fallen slightly across Wales.

Invitations for screening (Tables and Figures 3 to 7)

Standard procedures for issuing first and subsequent reminders are:

- A 6 month interval between first and second invitation.
- A 6 month interval between second invitation and the final non-responder card.

In 2010/11 around 300,100 women aged 20-64 were invited for screening (Table 3). The invitation was a first call for screening for 17.9% of these women and a routine recall for 61.4%. For 19.1% it was the result of a repeat sample being advised, and for 1.6%, a recall because the previous sample was inadequate.

In 2010/11, CSW tested 210,600 women aged 20-64 (table 5). 7.2% of these were tested in response to a first invitation and 55.2% following a routine recall. 14.3% were reported to be opportunistic screening ie women screened who had not responded to an invitation.

The number of opportunistic tests examined in the target age group has fallen from just over 50,000 in 1999/2000 to 30,100 in 2010/11. The number of samples taken from women aged under 20 years has fallen from 3,647 in 1999/2000 to 70 in 2010/11, and 90.0% of these are opportunistic tests.

A category showing those women who have been tested whilst ceased from recall has been included since 2003/04.

CSW recommends that screening is not undertaken in women under 20 years of age, even if sexually active.

Note that the uptake of invitations cannot be precisely measured from these figures as some tests undertaken in the screening year (1st April to 31st March) may result from 'marginal' invitations, either issued in the previous screening year, or taken up in the following year.

Test Results (Tables and Figures 8 to 9)

The data for these tables and figures come from the KC53 return and differs from that shown in Tables 10 to 13 and associated figures, which come from the KC61 return. The former table relates to women and the latter to tests.

Note that these test results relate to the **most severe** result during the year from 1997/98 onwards and not to the **most recent** result as for those prior to 1997.

From 2003/04 onwards, the tables and graphs show borderline, mild dyskaryosis and high-grade test results.

This report summarises the results of all screening tests sent to laboratories. This is the fifth report following full conversion to liquid based cytology (LBC). Workload figures from previous publications include conventional 'Pap' smears; caution should, therefore, be taken when comparing results from individual laboratories and from all-Wales figures with previous years.

This is the second report to illustrate the turnaround times from taking the sample to issue of result letter (Table X). Across Wales 23.0% of results were issued within 2 weeks of the test being taken (range 3.7% to 40.8%). 92.8% of results were issued within 6 weeks (100% target).

Samples Examined (Tables and Figures 10 to 13)

Over 215,300 samples were examined in laboratories in Wales in 2010/11. Three English laboratories at Chester, Shrewsbury and Hereford also examine samples for Welsh residents. Due to data availability, only part of this workload is shown accounting for the additional 4,600 samples in the total.

1.7% of tests were reported as inadequate with wide variation between laboratories, ranging from 1.0% to 2.6%.

Most samples are taken in general practice (85.7%). The percentage of high-grade results (moderate dyskaryosis or worse) is generally higher from NHS hospitals than from GPs and NHS Community & Sexual Health Clinics. From 2003/2004 onwards, Table 10 and Figure 10 show the proportion of high grade results reported by source of test. Previous reports showed positive results (severe dyskaryosis or worse).

In 2010/11, of the 197,000 women of all ages who had an adequate sample taken in GP or NHS Community & Sexual Health Clinics, 91.8% were negative, 4.8% showed borderline changes, 2.2% mild dyskaryosis, 0.5% moderate dyskaryosis and 0.7% were 'positive' showing severe dyskaryosis or worse.

Tables 13a/b and Figure 13 show the distribution of inadequate tests by age. The highest proportion of inadequate tests is for women aged 20-24 and 35-44.

Correlation with Histology (Tables and Figures 14 & 15)

The revision of the KC61 return in 1998 included a new table looking at women recommended for gynaecological referral during a three-month period of the year. From

2002/2003, the results are shown for referrals during the **previous twelve months**.

Table 14a shows referrals following tests reported as inadequate, borderline or mild dyskaryosis. Table 14c shows referrals following tests reported as moderate dyskaryosis or worse.

The Positive Predictive Value (PPV) calculated from these data is used to correlate high-grade cytology with histology. It records the proportion of cases in which a biopsy, following a screening test reported as moderate dyskaryosis or worse, yields a histological diagnosis of CIN2 or worse. For 2010/11, the PPV for Wales remains high at 87%.

From 2007/08 onwards KC61 part C data shows outcomes for cervical and non-cervical cancers separately. Non-cervical cancers are excluded from PPV calculations.

Referrals to Colposcopy (Tables and Figures 16 to 24)

CSW has collected colposcopy information on CANISC from clinics throughout Wales since April 2001. These statistics are derived directly from this system. CSW continues to provide training and data validation measures to improve the quality of the data collected.

There were 9,600 new patients seen at colposcopy clinics during 2010/11 (Table 16). Of these, 78% were directly referred because of their screening test result and 22% were referred for clinical reasons. 28.2% of all referrals were for a result of moderate dyskaryosis or worse.

Table 17 and Figure 17 show the time taken from the receipt of referral to the first appointment offered by the colposcopy clinic, excluding delays initiated by patients. 76% of referrals for a result of moderate dyskaryosis or worse were offered an appointment within four weeks (90% target). Nearly 85% of all referrals were offered an appointment within eight weeks (90% target).

Table 18 and Figure 18 show activity at all 'attended visits' in 2010/11. There were 27,500 recorded visits, with a wide range in the practice of 'select and treat' (0.1% to 10.1% of visits). 19% of visits are for cytology or swab only.

Tables and Figures 19 and 20 show procedures undertaken for new referrals. 30.9% of referrals do not receive invasive surgical intervention and 57.4% of referrals receive a diagnostic biopsy only. Diagnostic biopsies show variations between clinics ranging from 44.1% to 70.5%.

Correlation between colposcopic opinion and worst histology result recorded is shown in Table 21 & Figure 21. 64.2% of histology results reported as CIN2 or worse were similarly identified on assessment. 77.5% of lesions thought by the colposcopist to be high grade or worse were reported CIN2 or worse on histology, for all known results.

Table 23 and Figure 23 show the number of biopsies taken and the results. The correlation Table 24 shows that for cases of CIN3 or worse found in LLETZ biopsies (not select and treat), 9.8% had an initial punch biopsy within three months reported as CIN1 or less.

WALES	Number of women						Percentage tested within the			
	resident at 31 March	with recall ceased for			with no cytology record	tested within the		tested within the		
		clinical reasons	age reasons	other reasons		last 3 years	last 5 years	last 3 years ^{1,2}	last 5 years ^{1,2}	
All ages	1,581,679	122,361	163,680	91,306	364,240	581,775	684,375	39.9%	46.9%	
Ages 20-64	920,055	68,107	14,647	6,638	1,326	566,124	650,629	66.5%	76.4%	
Ages 25-64	812,185	68,093	14,647	6,613	452	511,567	592,400	68.8%	79.6%	
Under 20	349,517	1	-	1	340,914	101	106	0.0%	0.0%	
20-24	107,870	14	-	25	874	54,557	58,229	50.6%	54.0%	
25-29	98,908	67	-	72	263	65,028	74,845	65.8%	75.7%	
30-34	90,960	248	-	111	87	62,166	72,697	68.5%	80.1%	
35-39	95,933	1,128	-	147	37	66,697	77,591	70.4%	81.8%	
40-44	110,691	4,040	-	227	26	75,433	87,787	70.7%	82.3%	
45-49	113,359	8,556	-	323	13	73,762	85,643	70.4%	81.7%	
50-54	102,553	12,847	-	396	10	62,471	72,158	69.6%	80.4%	
55-59	95,628	17,239	-	536	7	53,623	61,404	68.4%	78.3%	
60-64	104,153	23,968	14,647	4,801	9	52,387	60,275	65.3%	75.2%	
65-69	85,203	20,865	42,095	20,240	122	15,042	32,417	23.4%	50.4%	
70-74	70,009	15,487	35,051	18,782	473	371	966	0.7%	1.8%	
75+	156,895	17,901	71,887	45,645	21,405	137	257	0.1%	0.2%	

Figure 1a: Screening coverage of all age groups^{1,2}

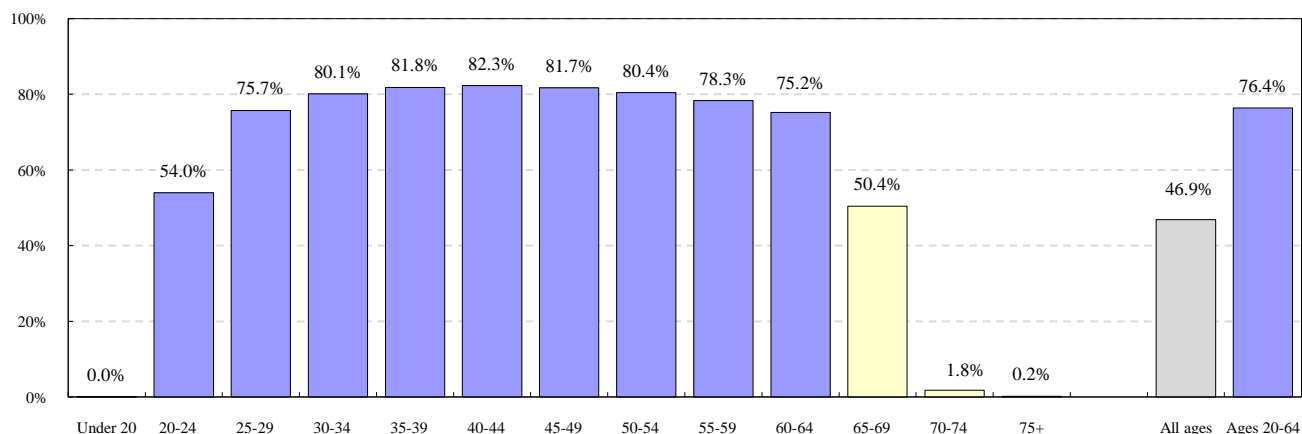
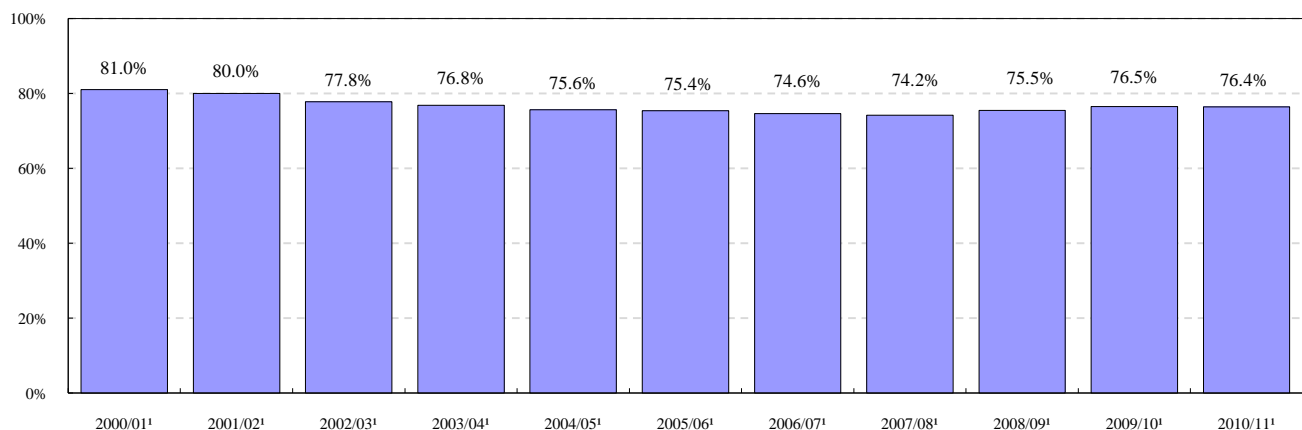


Figure 1b : Screening coverage of target age group (20-64 years), 2000/01 - 2010/11^{1,2}



NOTES:

¹ Until 1996/97 the denominator used in calculating the percentage was the resident population less those women with recall ceased. In 1997/98 recall ceased was split into 'age', 'clinical' and 'other' reasons. Those with with recall ceased for reasons other than age were excluded from the denominator. This was revised again in 1998/99 to exclude only those women with 'recall ceased for clinical reasons' (ie no cervix). The figure for 1997/98 has been revised to the same basis. This may, however, differ from earlier figures produced. In 2001/02, this was revised again to count only adequate tests taken in the previous three and five years

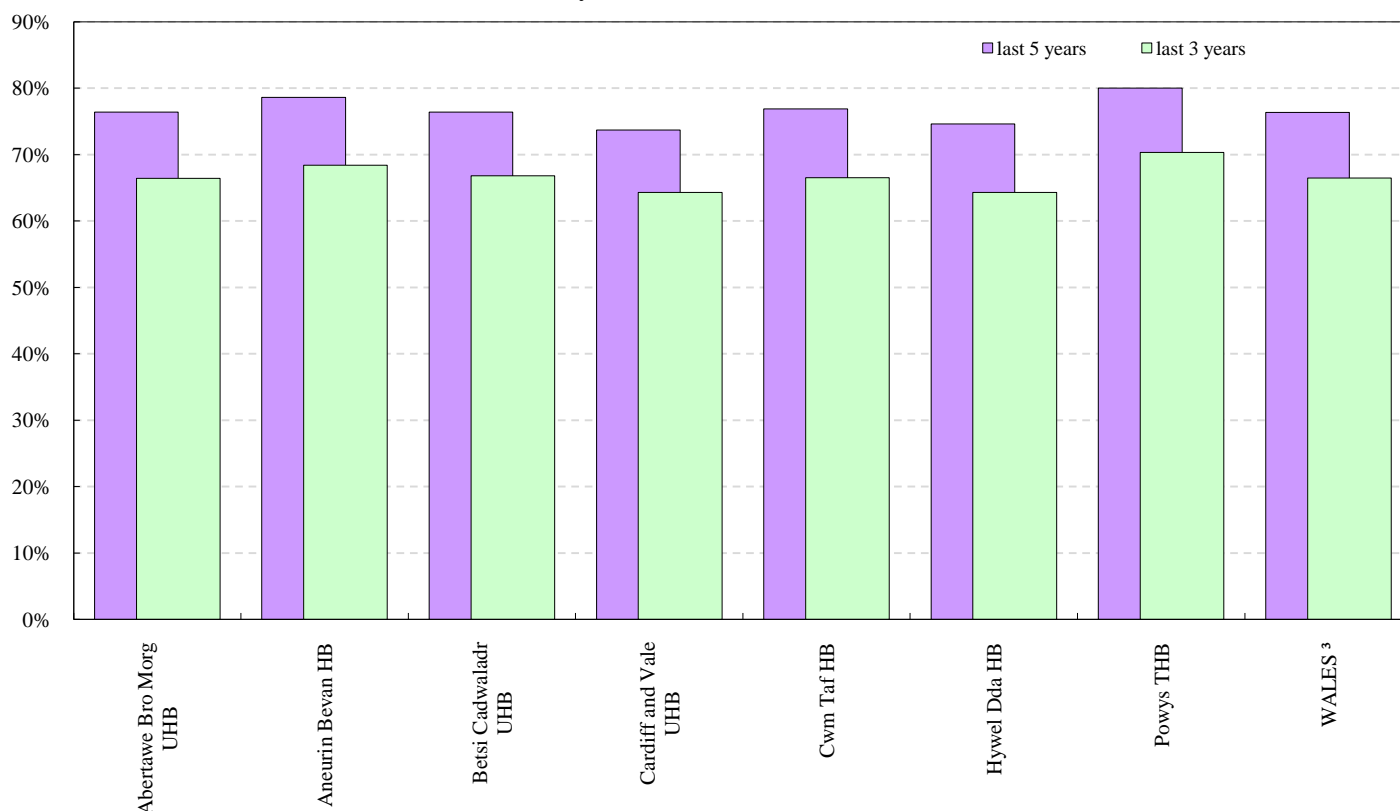
² Percentage of women tested in the last 3 years (3.5 years in 1993/94) or 5 years (5.5 years in 1993/94)

Table 2 : Test status and coverage of target age group (20-64 years), by Health Board

Source: KC53 Part A

Health Board	Number of women						Percentage tested within the		
	resident at 31 March	with recall ceased for			with no cytology record	tested within the		last 3 years ^{1,2}	last 5 years ^{1,2}
		clinical reasons	age reasons	other reasons		last 3 years	last 5 years		
Abertawe Bro Morg UHB	158,067	11,471	2,486	1,113	233	97,387	112,006	66.4%	76.4%
Aneurin Bevan HB	170,590	12,746	2,663	1,160	262	107,981	124,125	68.4%	78.6%
Betsi Cadwaladr UHB	197,815	15,629	3,650	1,745	377	121,746	139,187	66.8%	76.4%
Cardiff and Vale UHB	149,016	7,813	1,694	822	143	90,808	104,101	64.3%	73.7%
Cwm Taf HB	89,350	7,125	1,302	543	87	54,698	63,234	66.5%	76.9%
Hywel Dda HB	110,752	9,588	1,951	834	137	65,036	75,478	64.3%	74.6%
Powys THB	37,833	3,329	807	368	67	24,274	27,610	70.4%	80.0%
WALES³	920,055	68,107	14,647	6,638	1,326	566,124	650,629	66.5%	76.4%

Figure 2: Percentage of target age group (20-64 years) screened within the last 3 and 5 years, by Health Board^{1,2}



Key:	
Abertawe Bro Morg UHB	Abertawe Bro Morgannwg University Health Board
Aneurin Bevan HB	Aneurin Bevan Health Board
Betsi Cadwaladr UHB	Betsi Cadwaladr University Health Board
Cardiff and Vale UHB	Cardiff and Vale University Health Board
Cwm Taf HB	Cwm Taf Health Board
Hywel Dda HB	Hywel Dda Health Board
Powys THB	Powys Teaching Health Board

NOTES:

¹ Until 1996/97 the denominator used in calculating the percentage was the resident population less those women with recall ceased. In 1997/98 recall ceased was split into 'age', 'clinical' and 'other' reasons. Those with with recall ceased for reasons other than age were excluded from the denominator. This was revised again in 1998/99 to exclude only those women with 'recall ceased for clinical reasons' (ie no cervix). The figure for 1997/98 has been revised to the same basis. This may, however, differ from earlier figures produced. In 2001/02, this was revised again to count only adequate tests taken in the previous three and five years

² Percentage of women tested in the last 3 years (3.5 years in 1993/94) or 5 years (5.5 years in 1993/94)

³ A small proportion of women could not be allocated to a Health Board, but are shown in the total for Wales

Table 3a: Number of women invited in the year, by type of invitation and age at test

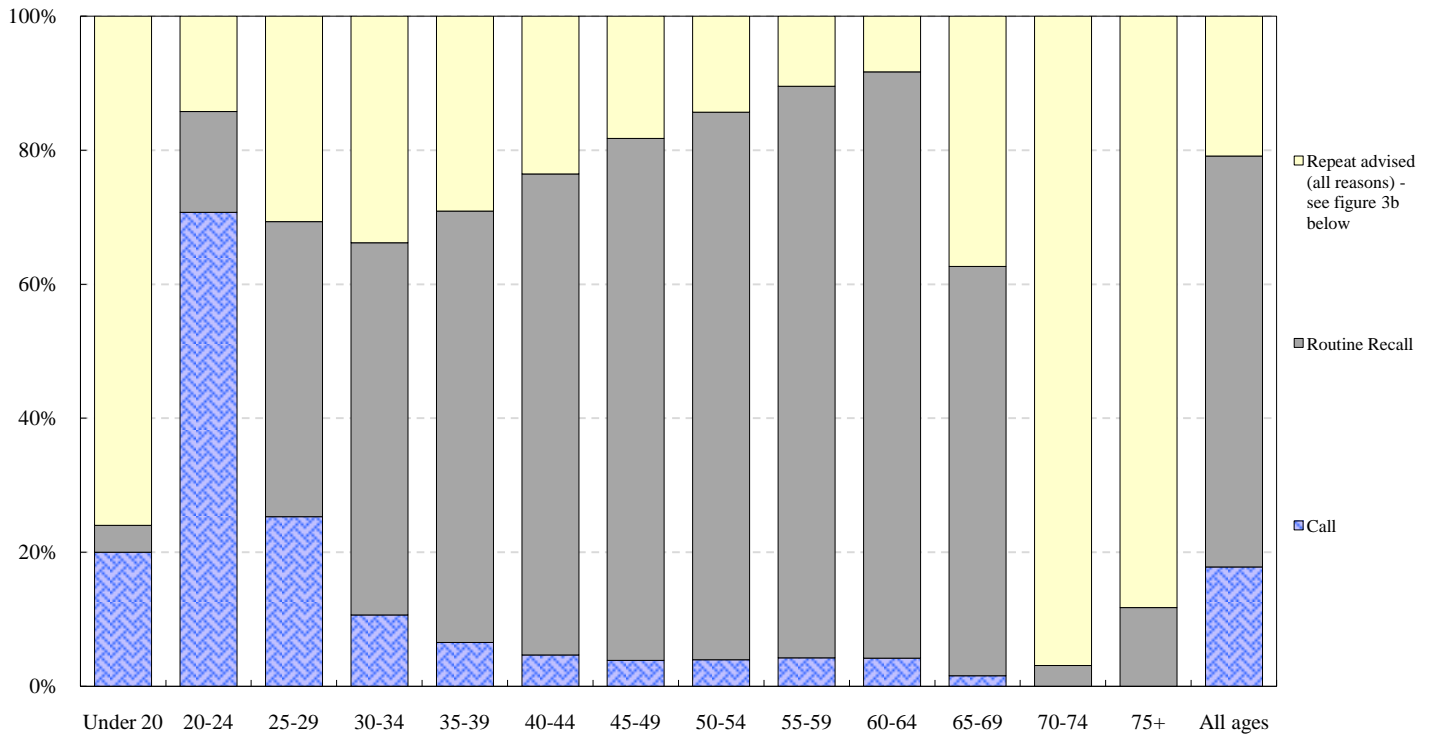
Source: KC53, part B

WALES	Total	Call	Routine recall	Repeat advised for reasons of		
				Cytological Surveillance	Abnormal test	Inadequate test
All ages	302,402	53,856	185,457	46,755	11,488	4,846
Ages 20-64	300,059	53,818	184,150	45,948	11,394	4,749
Ages 25-64	253,475	20,864	177,145	42,883	8,159	4,424
Under 20	25	5	1	4	13	2
20-24	46,584	32,954	7,005	3,065	3,235	325
25-29	34,727	8,789	15,290	7,730	2,375	543
30-34	32,534	3,471	18,060	8,946	1,407	650
35-39	33,152	2,168	21,347	7,821	1,152	664
40-44	36,791	1,724	26,412	6,847	1,042	766
45-49	35,230	1,358	27,448	4,878	894	652
50-54	29,940	1,191	24,459	3,223	615	452
55-59	26,151	1,115	22,303	1,962	411	360
60-64	24,950	1,048	21,826	1,476	263	337
65-69	2,123	33	1,297	626	75	92
70-74	161	-	5	149	5	2
75+	34	-	4	28	1	1

Table 3b: Percentage of women invited in the year, by type of invitation and age at test

WALES	Total	Call	Routine recall	Repeat advised for reasons of		
				Cytological Surveillance	Abnormal test	Inadequate test
All ages	100%	17.8%	61.3%	15.5%	3.8%	1.6%
Ages 20-64	100%	17.9%	61.4%	15.3%	3.8%	1.6%
Ages 25-64	100%	8.2%	69.9%	16.9%	3.2%	1.7%
Under 20	100%	20.0%	4.0%	16.0%	52.0%	8.0%
20-24	100%	70.7%	15.0%	6.6%	6.9%	0.7%
25-29	100%	25.3%	44.0%	22.3%	6.8%	1.6%
30-34	100%	10.7%	55.5%	27.5%	4.3%	2.0%
35-39	100%	6.5%	64.4%	23.6%	3.5%	2.0%
40-44	100%	4.7%	71.8%	18.6%	2.8%	2.1%
45-49	100%	3.9%	77.9%	13.8%	2.5%	1.9%
50-54	100%	4.0%	81.7%	10.8%	2.1%	1.5%
55-59	100%	4.3%	85.3%	7.5%	1.6%	1.4%
60-64	100%	4.2%	87.5%	5.9%	1.1%	1.4%
65-69	100%	1.6%	61.1%	29.5%	3.5%	4.3%
70-74	100%	0.0%	3.1%	92.5%	3.1%	1.2%
75+	100%	0.0%	11.8%	82.4%	2.9%	2.9%

Figure 3a: Percentage of invitations, by type of invitation and age



The total number of invitations (all ages) where the type of invitation was "repeat advised within 3 years" is just over 63,000 (or 20.9% of all invitations). The chart below (Figure 3b) shows the different reasons for the early recall.

Figure 3b: Percentage of invitations, where repeat advised in less than 3 years, by reason and age

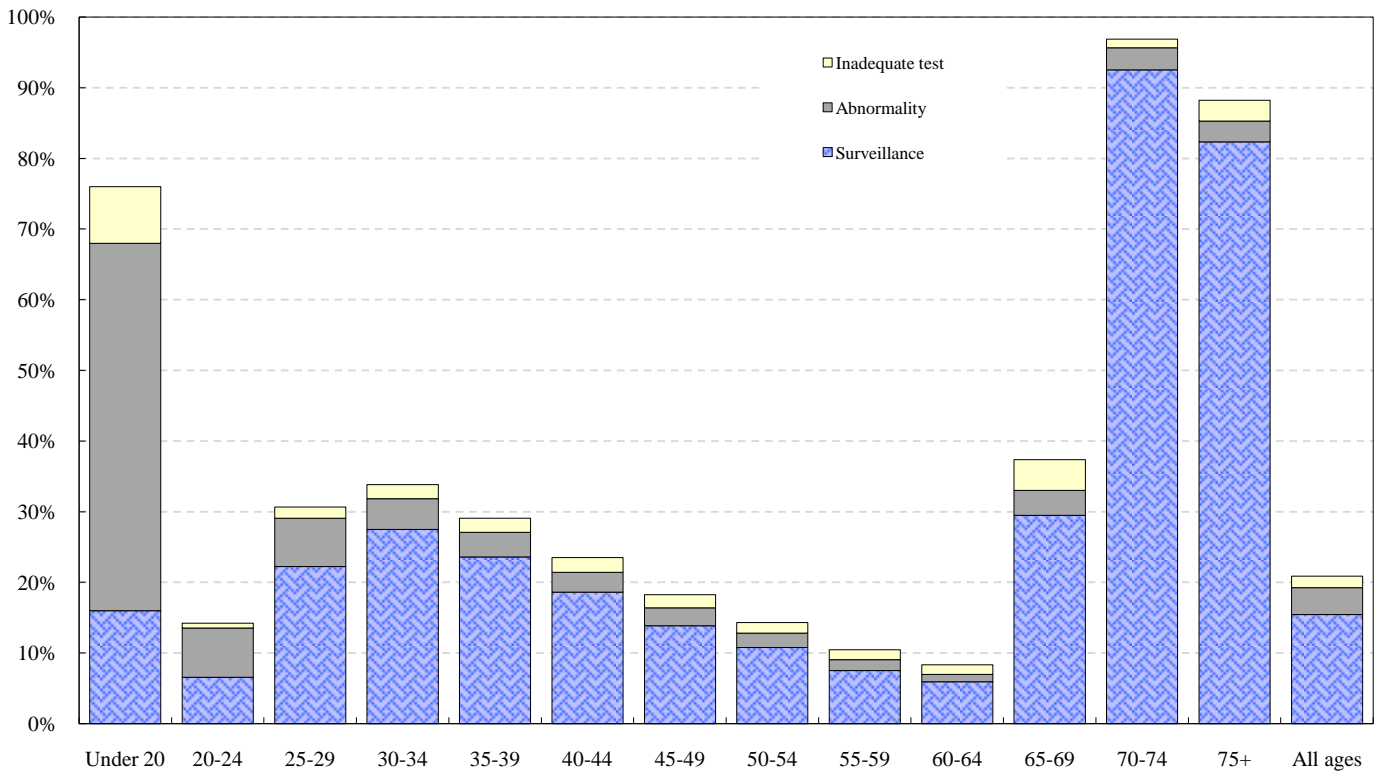


Table 4a: Number of women aged 20-64 invited in the year, by type of invitation and Health Board

Source: KC53, part B

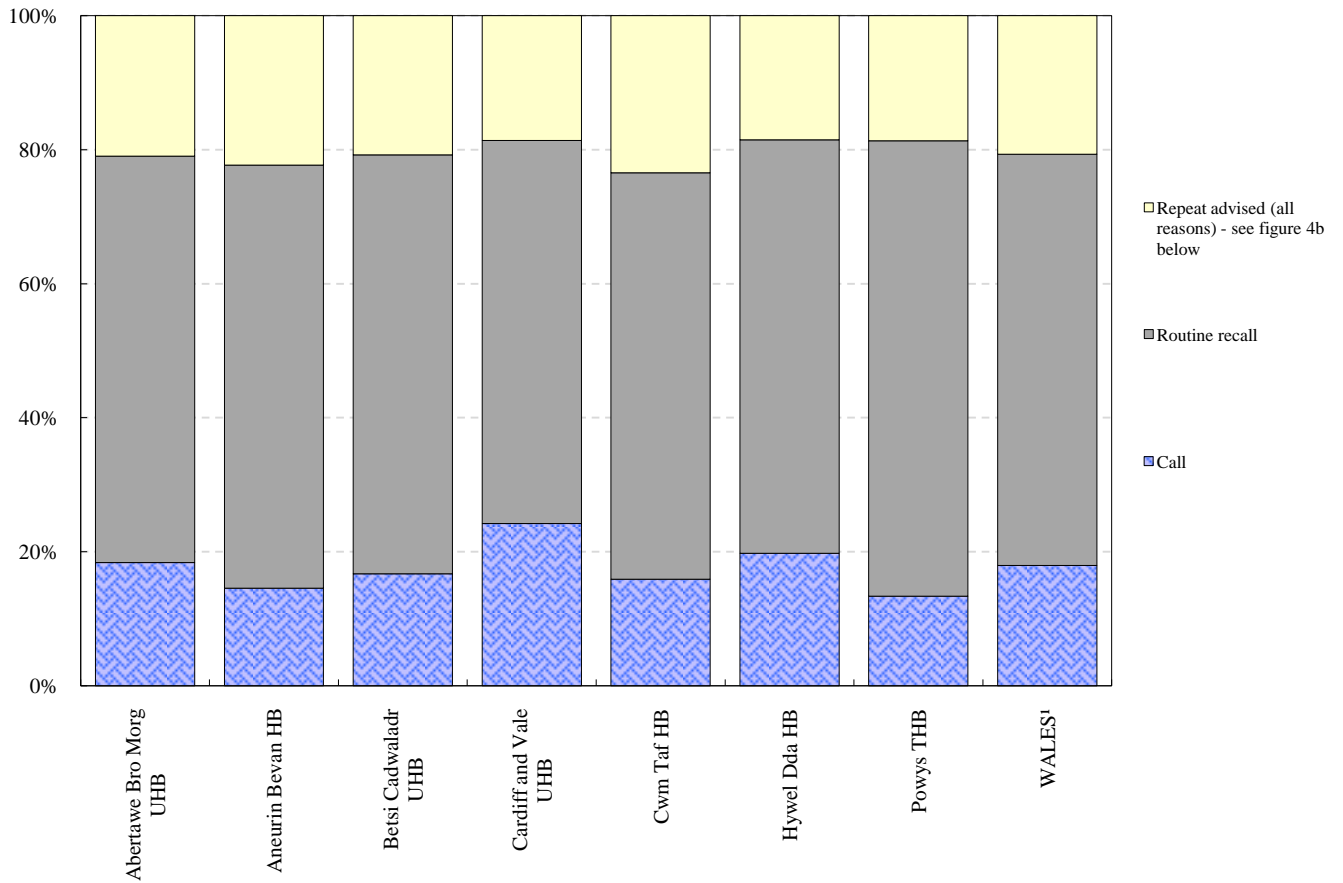
Health Board	Total	Call	Routine recall	Repeat advised for reasons of		
				Cytological Surveillance	Abnormal test	Inadequate test
Abertawe Bro Morg UHB	50,665	9,317	30,732	8,016	1,766	834
Aneurin Bevan HB	58,799	8,558	37,123	10,105	2,196	817
Betsi Cadwaladr UHB	62,984	10,535	39,362	9,735	2,281	1,071
Cardiff and Vale UHB	50,015	12,103	28,599	6,474	2,054	785
Cwm Taf HB	29,326	4,658	17,797	5,143	1,229	499
Hywel Dda HB	34,634	6,845	21,378	4,523	1,331	557
Powys THB	11,755	1,570	7,990	1,648	402	145
WALES¹	300,059	53,818	184,150	45,948	11,394	4,749

Table 4b: Percentage of women aged 20-64 invited in the year, by type of invitation and Health Board

Health Board	Total	Call	Routine recall	Repeat advised for reasons of		
				Cytological Surveillance	Abnormal test	Inadequate test
Abertawe Bro Morg UHB	100%	18.4%	60.7%	15.8%	3.5%	1.6%
Aneurin Bevan HB	100%	14.6%	63.1%	17.2%	3.7%	1.4%
Betsi Cadwaladr UHB	100%	16.7%	62.5%	15.5%	3.6%	1.7%
Cardiff and Vale UHB	100%	24.2%	57.2%	12.9%	4.1%	1.6%
Cwm Taf HB	100%	15.9%	60.7%	17.5%	4.2%	1.7%
Hywel Dda HB	100%	19.8%	61.7%	13.1%	3.8%	1.6%
Powys THB	100%	13.4%	68.0%	14.0%	3.4%	1.2%
WALES¹	100%	17.9%	61.4%	15.3%	3.8%	1.6%

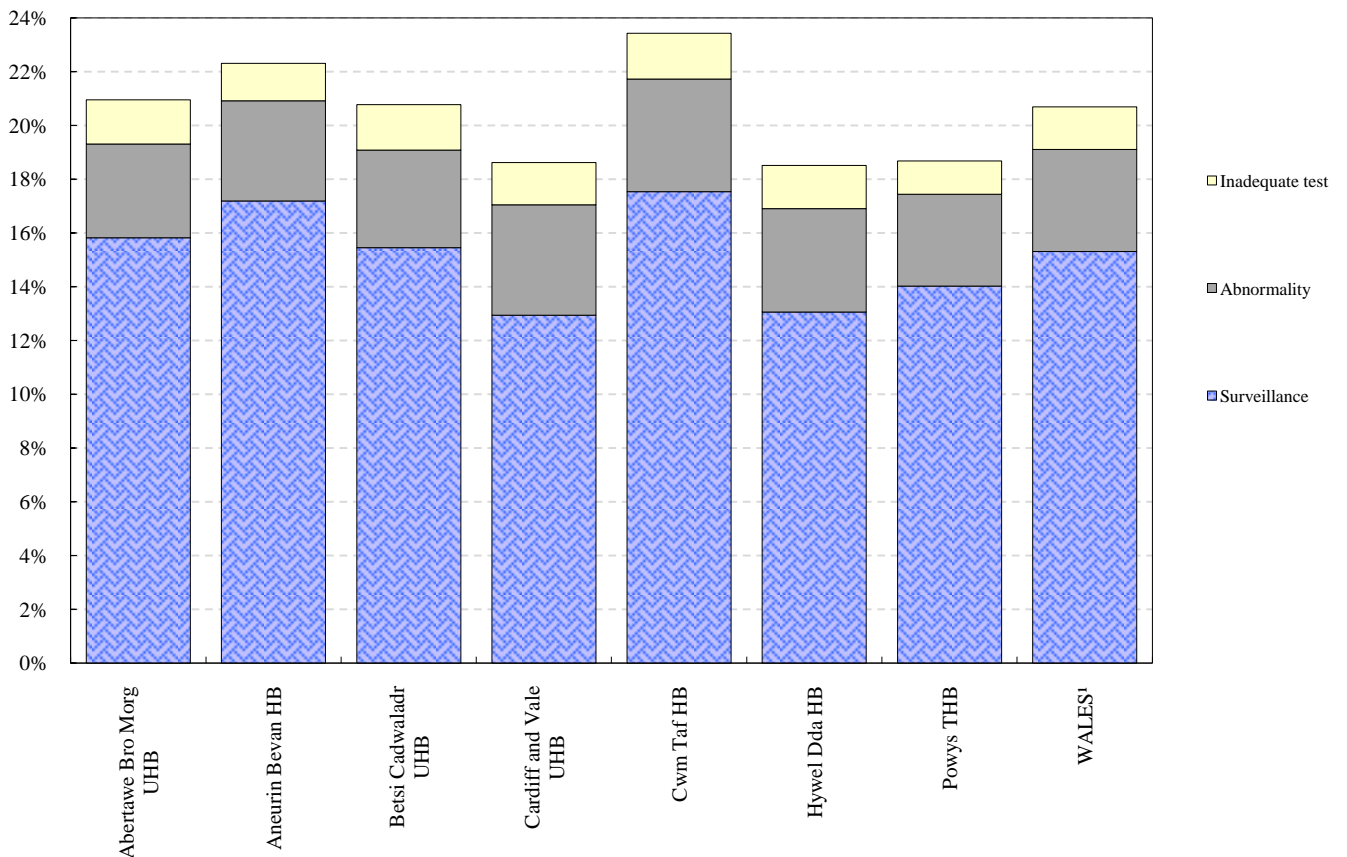
¹ A small proportion of women could not be allocated to a Health Board, but are shown in the total for Wales

Figure 4a: Percentage of invitations to women aged 20-64, by type of invitation and Health Board



The total number of invitations (age 20-64) where the type of invitation was "repeat advised within 3 years" is just under 62,100 (or 20.7% of all invitations). The chart below (Figure 4b) shows the different reasons for the early recall.

Figure 4b: Percentage of invitations to women aged 20-64, where repeat advised in less than 3 years, by reason and Health Board



¹ A small proportion of women could not be allocated to a Health Board, but are shown in the total for Wales

Table 5a: Number of women tested¹, by type of invitation and age at test

Source: KC53, part C

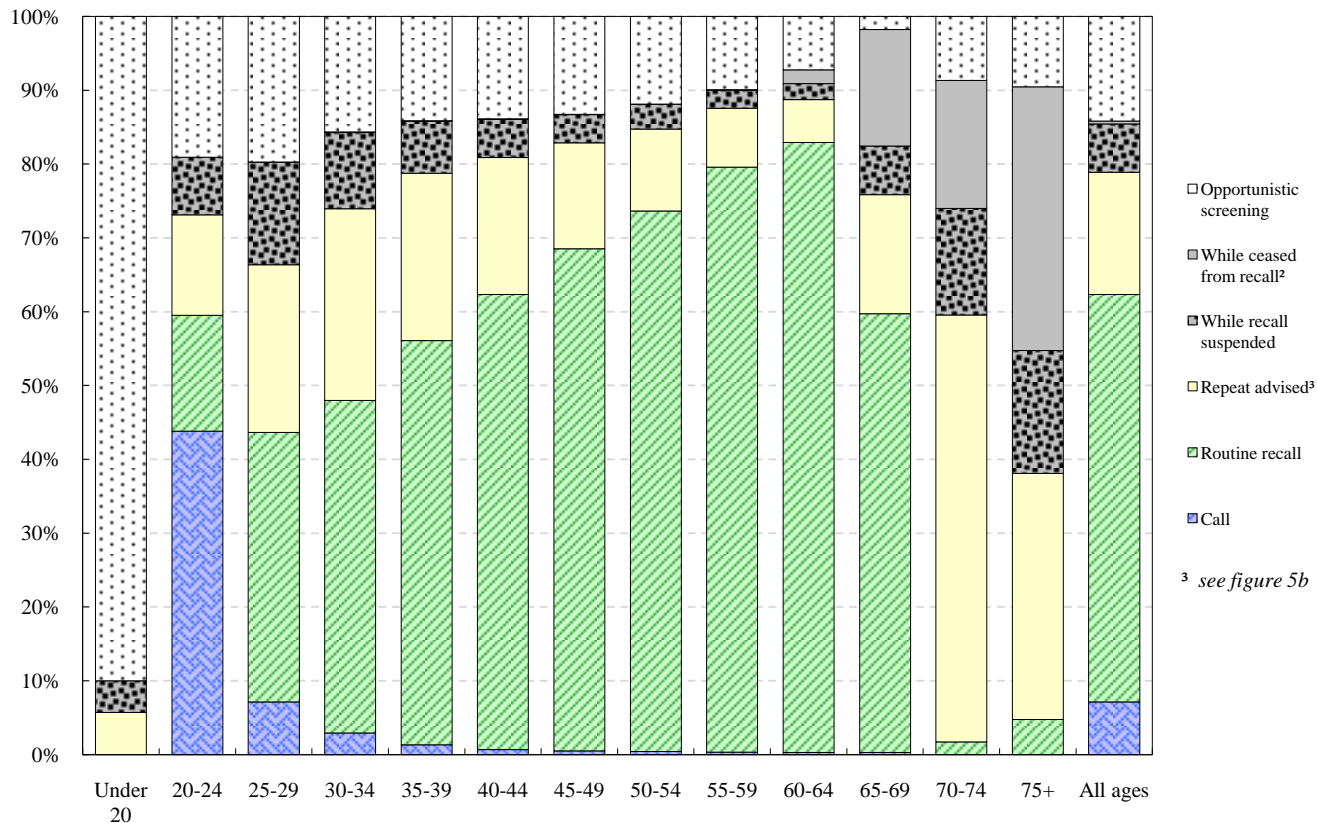
WALES	Total	Call	Routine recall	Repeat advised for reasons of			While recall suspended	While ceased from recall ²	Opportunistic screening
				Cytological Surveillance	Abnormal test	Inadequate test			
All ages	213,136	15,197	117,695	26,960	6,366	1,908	13,989	784	30,237
Ages 20-64	210,556	15,190	116,326	26,511	6,342	1,893	13,803	377	30,114
Ages 25-64	183,514	3,340	112,086	24,992	4,339	1,731	11,688	377	24,961
Under 20	70	-	-	1	2	1	3	-	63
20-24	27,042	11,850	4,240	1,519	2,003	162	2,115	-	5,153
25-29	25,351	1,810	9,249	4,188	1,287	295	3,520	3	4,999
30-34	24,037	702	10,830	5,278	686	277	2,496	3	3,765
35-39	24,289	327	13,292	4,668	564	276	1,723	9	3,430
40-44	26,840	177	16,549	4,124	548	311	1,403	12	3,716
45-49	25,768	128	17,534	2,931	506	253	988	8	3,420
50-54	21,642	88	15,848	1,890	372	140	731	6	2,567
55-59	18,404	61	14,585	1,150	217	102	454	10	1,825
60-64	17,183	47	14,199	763	159	77	373	326	1,239
65-69	2,295	7	1,364	338	21	11	151	362	41
70-74	173	-	3	96	1	3	25	30	15
75+	42	-	2	14	-	-	7	15	4

Table 5b: Percentage of women tested¹, by type of invitation and age at test

WALES	Total	Call	Routine recall	Repeat advised for reasons of			While recall suspended	While ceased from recall ²	Opportunistic screening
				Cytological Surveillance	Abnormal test	Inadequate test			
All ages	100%	7.1%	55.2%	12.6%	3.0%	0.9%	6.6%	0.4%	14.2%
Ages 20-64	100%	7.2%	55.2%	12.6%	3.0%	0.9%	6.6%	0.2%	14.3%
Ages 25-64	100%	1.8%	61.1%	13.6%	2.4%	0.9%	6.4%	0.2%	13.6%
Under 20	100%	0.0%	0.0%	1.4%	2.9%	1.4%	4.3%	0.0%	90.0%
20-24	100%	43.8%	15.7%	5.6%	7.4%	0.6%	7.8%	0.0%	19.1%
25-29	100%	7.1%	36.5%	16.5%	5.1%	1.2%	13.9%	0.0%	19.7%
30-34	100%	2.9%	45.1%	22.0%	2.9%	1.2%	10.4%	0.0%	15.7%
35-39	100%	1.3%	54.7%	19.2%	2.3%	1.1%	7.1%	0.0%	14.1%
40-44	100%	0.7%	61.7%	15.4%	2.0%	1.2%	5.2%	0.0%	13.8%
45-49	100%	0.5%	68.0%	11.4%	2.0%	1.0%	3.8%	0.0%	13.3%
50-54	100%	0.4%	73.2%	8.7%	1.7%	0.6%	3.4%	0.0%	11.9%
55-59	100%	0.3%	79.2%	6.2%	1.2%	0.6%	2.5%	0.1%	9.9%
60-64	100%	0.3%	82.6%	4.4%	0.9%	0.4%	2.2%	1.9%	7.2%
65-69	100%	0.3%	59.4%	14.7%	0.9%	0.5%	6.6%	15.8%	1.8%
70-74	100%	0.0%	1.7%	55.5%	0.6%	1.7%	14.5%	17.3%	8.7%
75+	100%	0.0%	4.8%	33.3%	0.0%	0.0%	16.7%	35.7%	9.5%

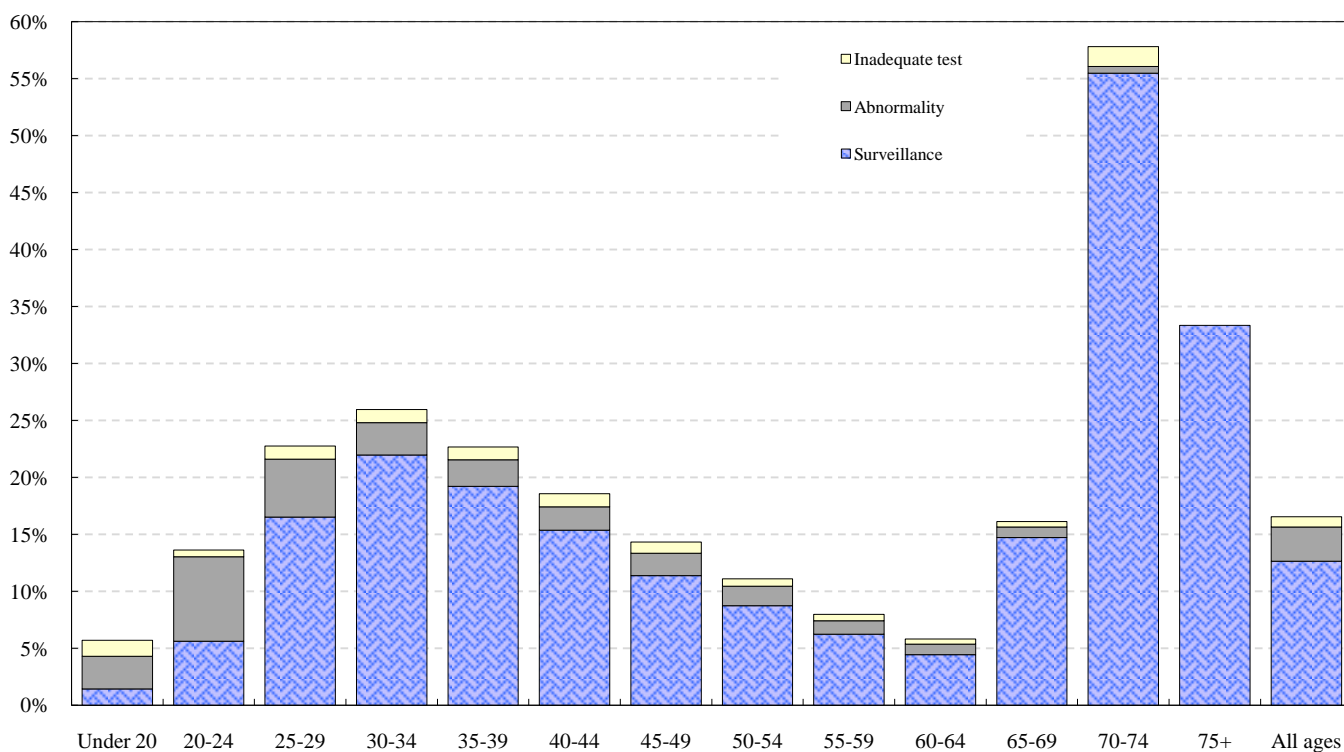
NOTES:¹ Most recent test in year² From 2003/2004, this is a new category for tests previously classed as opportunistic screening

Figure 5a: Percentage of women tested, by type of invitation and age



The total number of women (all ages) tested where the type of invitation was "repeat advised within 3 years" is over 35,200 (or 16.5% of all tests). The chart below (Figure 5b) shows the different reasons for the early recall.

Figure 5b: Percentage of women tested, where repeat advised within 3 years, by reason and age



NOTES:

¹ Most recent test in year

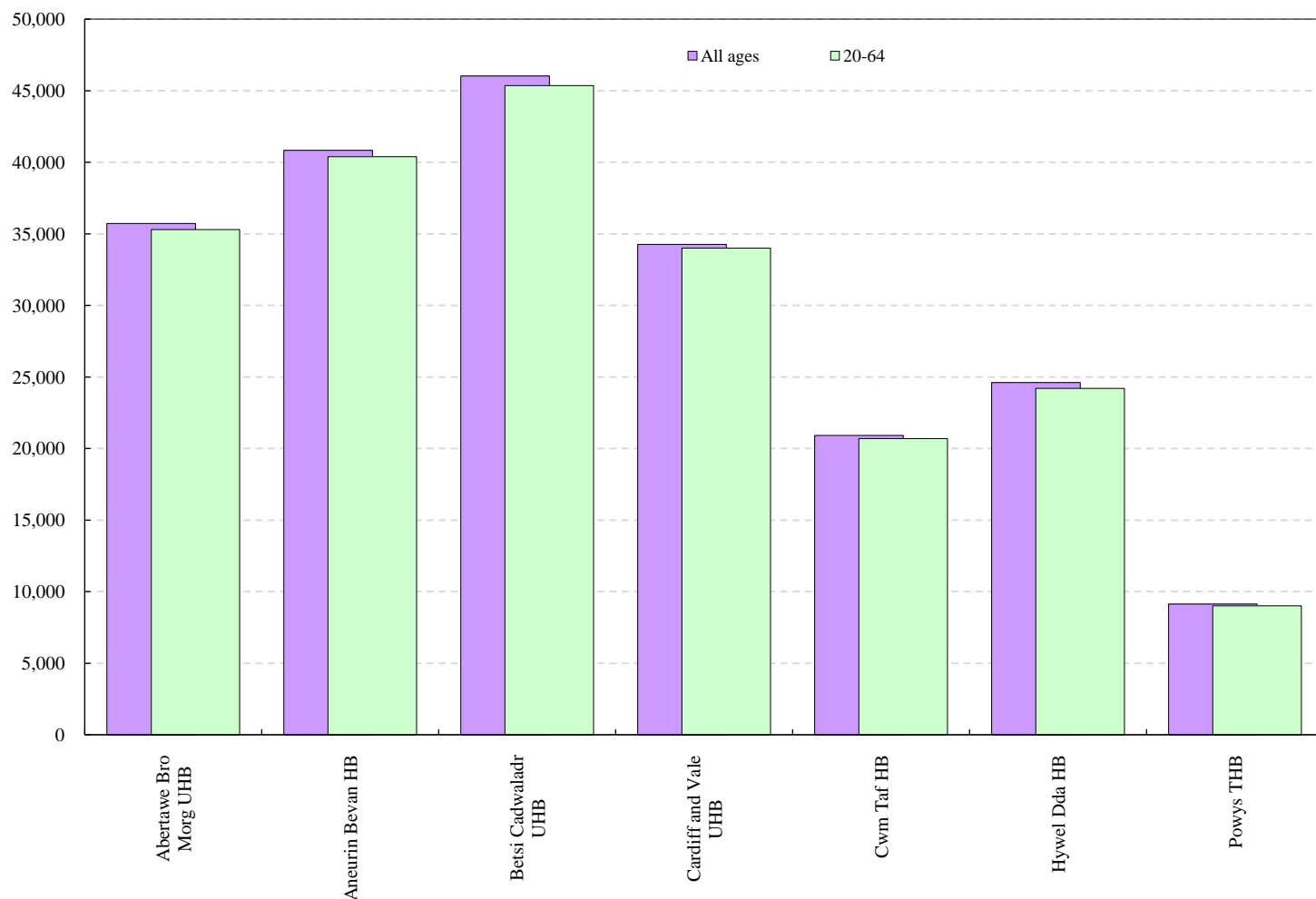
² From 2003/2004, this is a new category for tests previously classed as opportunistic screening

Table 6: Number of women tested¹ in the year, by Health Board

Source: KC53, part C

Health Board	Under 20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	20-64	25-64	All ages
Abertawe Bro Morg UHB	9	4,803	4,314	4,171	4,127	4,306	4,209	3,580	3,024	2,762	374	41	35,296	30,493	35,720
Aneurin Bevan HB	12	5,080	4,864	4,674	4,752	5,338	5,073	3,995	3,428	3,181	411	39	40,385	35,305	40,847
Betsi Cadwaladr UHB	12	5,213	5,076	4,950	5,258	6,058	5,685	4,869	4,145	4,117	602	48	45,371	40,158	46,033
Cardiff and Vale UHB	9	5,176	4,923	4,415	3,850	4,044	3,838	3,216	2,471	2,074	229	16	34,007	28,831	34,261
Cwm Taf HB	13	2,829	2,655	2,423	2,499	2,566	2,436	2,028	1,652	1,607	200	14	20,695	17,866	20,922
Hywel Dda HB	11	2,827	2,471	2,367	2,617	3,135	3,140	2,754	2,533	2,368	340	47	24,212	21,385	24,610
Powys THB	3	867	856	854	1,010	1,187	1,193	1,062	1,020	958	121	10	9,007	8,140	9,141
WALES²	70	27,042	25,351	24,037	24,289	26,840	25,768	21,642	18,404	17,183	2,295	215	210,556	183,514	213,136

Figure 6: Number of women tested in the year¹, by Health Board



NOTES:

¹ Most recent test in year

² A small proportion of women could not be allocated to a Health Board, but are shown in the total for Wales

Health Board	Total	Call	Repeat advised for reasons of				While recall suspended	While ceased from recall ²	Opportunistic screening
			Routine recall	Cytological Surveillance	Abnormal test	Inadequate test			
Abertawe Bro Morg UHB	35,296	2,690	19,274	4,594	1,023	324	2,092	66	5,233
Aneurin Bevan HB	40,385	2,649	22,516	5,625	1,154	277	2,832	43	5,289
Betsi Cadwaladr UHB	45,371	2,881	25,523	5,801	1,307	452	2,879	115	6,413
Cardiff and Vale UHB	34,007	3,349	18,141	3,804	1,210	301	1,901	46	5,255
Cwm Taf HB	20,695	1,427	11,035	2,898	654	188	1,632	25	2,836
Hywel Dda HB	24,212	1,642	13,796	2,589	714	285	1,785	60	3,341
Powys THB	9,007	477	5,382	1,048	247	52	558	21	1,222
WALES³	210,556	15,190	116,326	26,511	6,342	1,893	13,803	377	30,114

Table 7b: Percentage of women aged 20-64 tested¹ in the year, by type of invitation and Health Board

Health Board	Total	Call	Repeat advised for reasons of				While recall suspended	While ceased from recall ²	Opportunistic screening
			Routine recall	Cytological Surveillance	Abnormal test	Inadequate test			
Abertawe Bro Morg UHB	100%	7.6%	54.6%	13.0%	2.9%	0.9%	5.9%	0.2%	14.8%
Aneurin Bevan HB	100%	6.6%	55.8%	13.9%	2.9%	0.7%	7.0%	0.1%	13.1%
Betsi Cadwaladr UHB	100%	6.3%	56.3%	12.8%	2.9%	1.0%	6.3%	0.3%	14.1%
Cardiff and Vale UHB	100%	9.8%	53.3%	11.2%	3.6%	0.9%	5.6%	0.1%	15.5%
Cwm Taf HB	100%	6.9%	53.3%	14.0%	3.2%	0.9%	7.9%	0.1%	13.7%
Hywel Dda HB	100%	6.8%	57.0%	10.7%	2.9%	1.2%	7.4%	0.2%	13.8%
Powys THB	100%	5.3%	59.8%	11.6%	2.7%	0.6%	6.2%	0.2%	13.6%
WALES³	100%	7.2%	55.2%	12.6%	3.0%	0.9%	6.6%	0.2%	14.3%

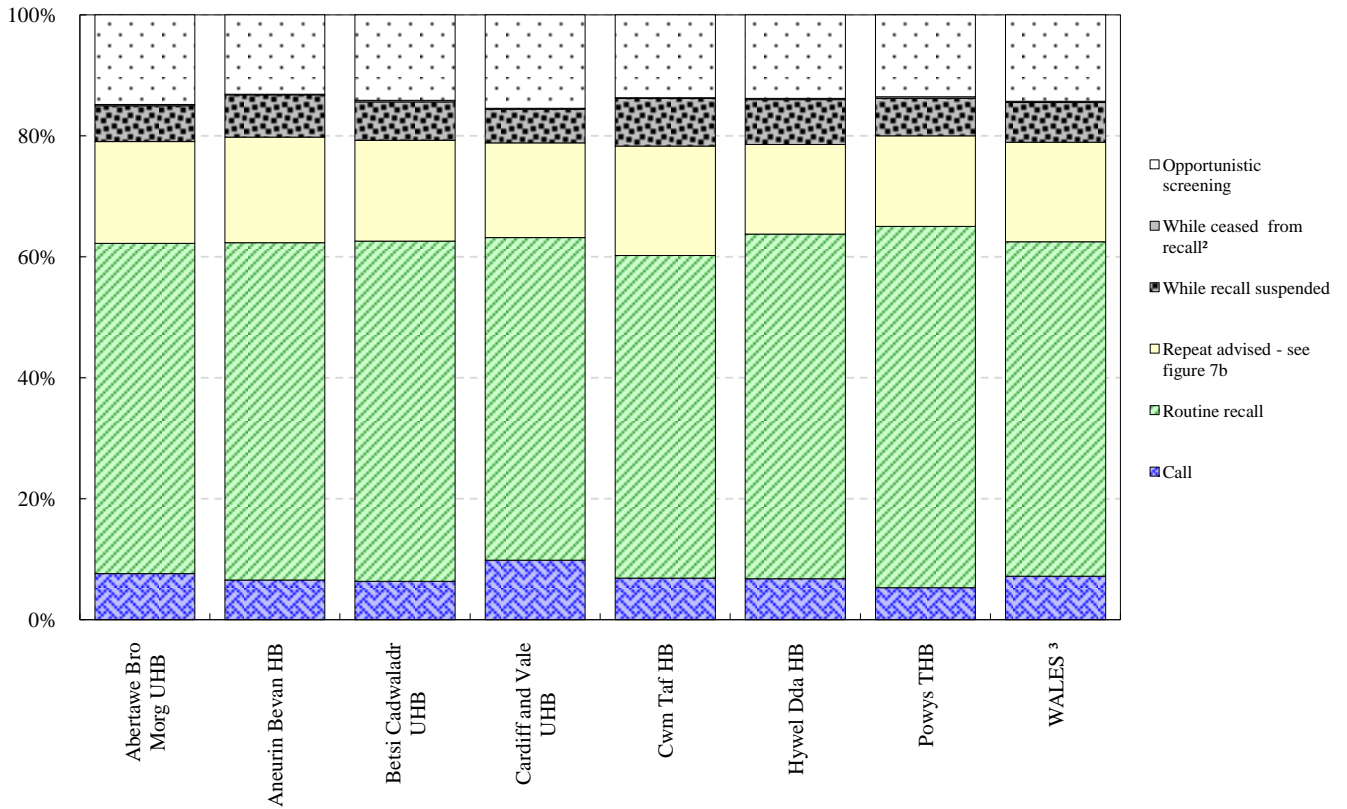
NOTES:

¹ Most recent test in year

² From 2003/2004, this is a new category for tests previously classed as opportunistic screening

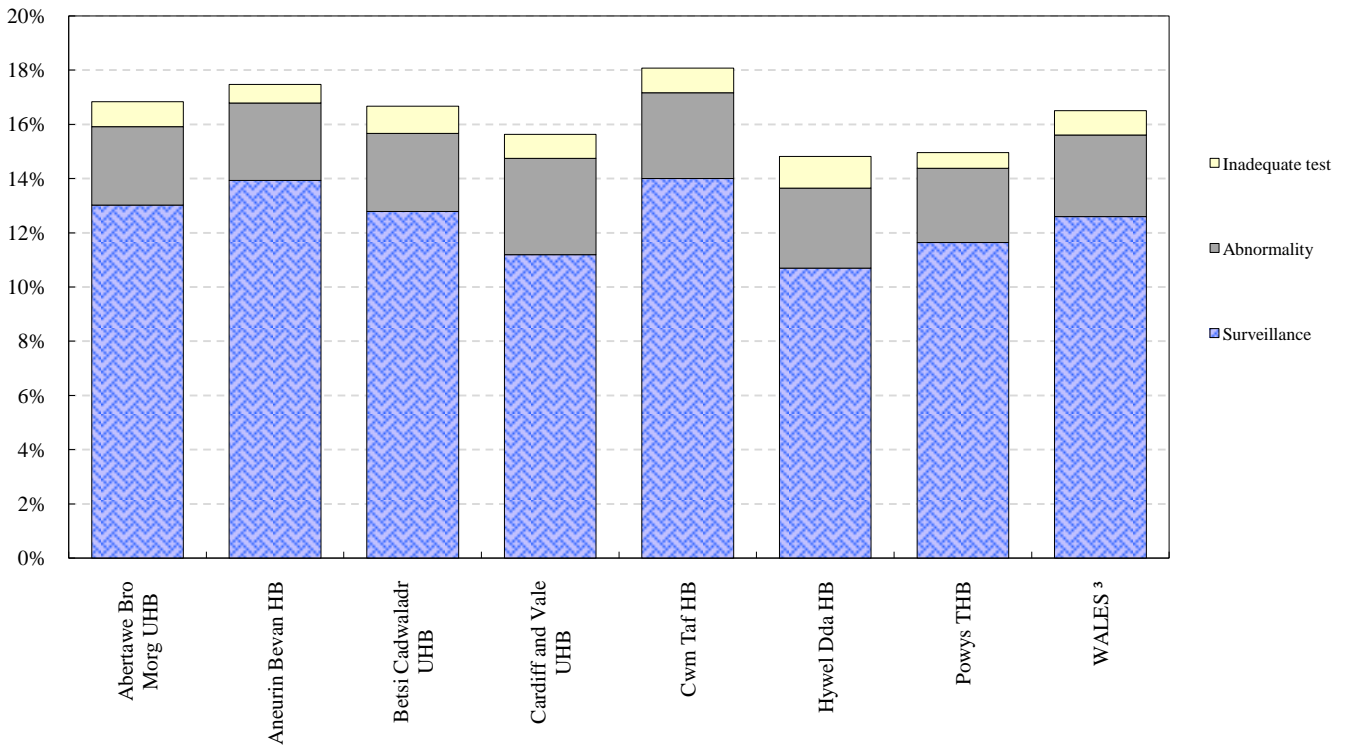
³ A small proportion of women could not be allocated to a Health Board, but are shown in the total for Wales

Figure 7a: Percentage of women aged 20-64 tested, by type of invitation and Health Board



The total number of women (age 20-64) tested where the type of invitation was "repeat advised within 3 years" is over 34,700 (or 16.5% of all tests). The chart below (Figure 7b) shows the different reasons for the early recall.

Figure 7b: Percentage of women aged 20-64 tested, where repeat advised within 3 years, by reason and Health Board



NOTES:

¹ Most recent test in year

² From 2003/2004, this is a new category for tests previously classed as opportunistic screening

³ A small proportion of women could not be allocated to a Health Board, but are shown in the total for Wales

Table 8a: Number of test results ^{1,2}, by age

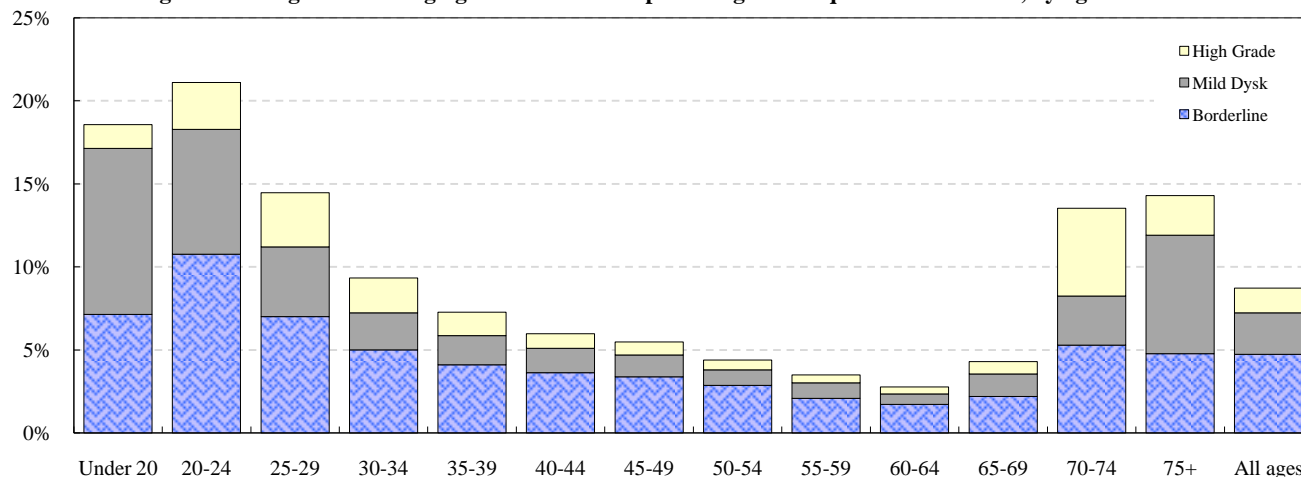
Source: KC53, part D

WALES	Total ²	Negative	Borderline	Mild dyskaryosis	Moderate dyskaryosis	Positive ³
All ages	211,498	193,045	10,015	5,277	1,285	1,876
Ages 20-64	208,934	190,621	9,949	5,231	1,277	1,856
Ages 25-64	182,098	169,447	7,058	3,218	897	1,478
Under 20	70	57	5	7	-	1
20-24	26,836	21,174	2,891	2,013	380	378
25-29	25,104	21,473	1,758	1,054	327	492
30-34	23,842	21,616	1,194	531	180	321
35-39	24,061	22,313	989	421	132	206
40-44	26,573	24,985	961	392	86	149
45-49	25,578	24,178	865	338	74	123
50-54	21,509	20,566	614	203	50	76
55-59	18,320	17,680	382	172	34	52
60-64	17,111	16,636	295	107	14	59
65-69	2,282	2,184	50	31	7	10
70-74	170	147	9	5	1	8
75+	42	36	2	3	-	1

Table 8b: Percentage of test results ^{1,2}, by age

WALES	Total ²	Negative	Borderline	Mild dyskaryosis	Moderate dyskaryosis	Positive ³
All ages	100%	91.3%	4.7%	2.5%	0.6%	0.9%
Ages 20-64	100%	91.2%	4.8%	2.5%	0.6%	0.9%
Ages 25-64	100%	93.1%	3.9%	1.8%	0.5%	0.8%
Under 20	100%	81.4%	7.1%	10.0%	0.0%	1.4%
20-24	100%	78.9%	10.8%	7.5%	1.4%	1.4%
25-29	100%	85.5%	7.0%	4.2%	1.3%	2.0%
30-34	100%	90.7%	5.0%	2.2%	0.8%	1.3%
35-39	100%	92.7%	4.1%	1.7%	0.5%	0.9%
40-44	100%	94.0%	3.6%	1.5%	0.3%	0.6%
45-49	100%	94.5%	3.4%	1.3%	0.3%	0.5%
50-54	100%	95.6%	2.9%	0.9%	0.2%	0.4%
55-59	100%	96.5%	2.1%	0.9%	0.2%	0.3%
60-64	100%	97.2%	1.7%	0.6%	0.1%	0.3%
65-69	100%	95.7%	2.2%	1.4%	0.3%	0.4%
70-74	100%	86.5%	5.3%	2.9%	0.6%	4.7%
75+	100%	85.7%	4.8%	7.1%	0.0%	2.4%

Figure 8: Low grade⁴ and high grade⁴ results as a percentage of adequate test results ^{1,2}, by age



NOTES:

¹ Most severe result in year

² Excluding those women whose tests during the year were classified as 'inadequate'

³ 'Positive' includes results reported as 'severe dyskaryosis', 'severe dyskaryosis/?invasive carcinoma', or '?glandular neoplasia'

⁴ 'Low grade' results are 'borderline' or 'mild dyskaryosis' whilst 'High grade' results are 'moderate dyskaryosis' or 'positive'

Table 9a: Number of test results¹, of women aged 20-64, by Health Board

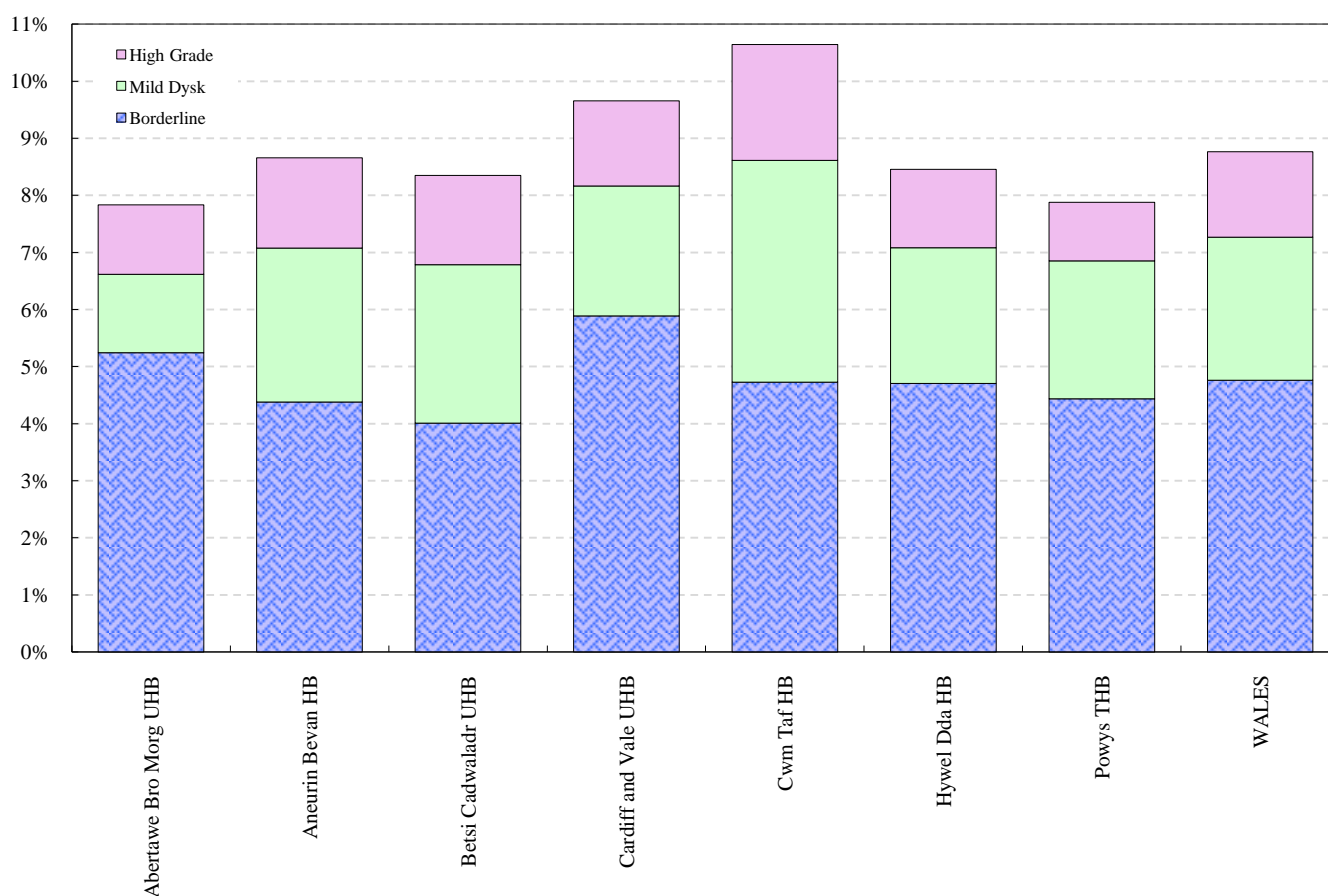
Source: KC53, part D

Health Board	Total ²	Negative	Borderline	Mild dyskaryosis	Moderate dyskaryosis	Positive ³
Abertawe Bro Morg UHB	34,962	32,223	1,834	480	218	207
Aneurin Bevan HB	40,174	36,695	1,759	1,083	283	354
Betsi Cadwaladr UHB	45,032	41,272	1,806	1,249	246	459
Cardiff and Vale UHB	33,692	30,439	1,984	767	176	326
Cwm Taf HB	20,552	18,365	972	798	154	263
Hywel Dda HB	24,001	21,971	1,129	571	150	180
Powys THB	8,946	8,241	397	216	36	56
WALES⁵	208,934	190,621	9,949	5,231	1,277	1,856

Table 9b: Percentage of test results¹, of women aged 20-64, by Health Board

Health Board	Total ²	Negative	Borderline	Mild dyskaryosis	Moderate dyskaryosis	Positive ³
Abertawe Bro Morg UHB	100%	92.2%	5.2%	1.4%	0.6%	0.6%
Aneurin Bevan HB	100%	91.3%	4.4%	2.7%	0.7%	0.9%
Betsi Cadwaladr UHB	100%	91.7%	4.0%	2.8%	0.5%	1.0%
Cardiff and Vale UHB	100%	90.3%	5.9%	2.3%	0.5%	1.0%
Cwm Taf HB	100%	89.4%	4.7%	3.9%	0.7%	1.3%
Hywel Dda HB	100%	91.5%	4.7%	2.4%	0.6%	0.7%
Powys THB	100%	92.1%	4.4%	2.4%	0.4%	0.6%
WALES⁵	100%	91.2%	4.8%	2.5%	0.6%	0.9%

Figure 9: Low grade⁴ and high grade⁴ results, of women aged 20-64, as a percentage of adequate test results^{1,2}, by Health Board



NOTES:

¹ Most severe result in year

² Excluding those women whose tests during the year were classified as 'inadequate'

³ 'Positive' includes results reported as 'severe dyskaryosis', 'severe dyskaryosis/?invasive carcinoma', or '?glandular neoplasia'

⁴ 'Low grade' results are 'borderline' or 'mild dyskaryosis' whilst 'High grade' results are 'moderate dyskaryosis' or 'positive'

⁵ A small proportion of women could not be allocated to a Health Board, but are shown in the total for Wales

Table Xa: Sample turnaround times ², number by Health Board

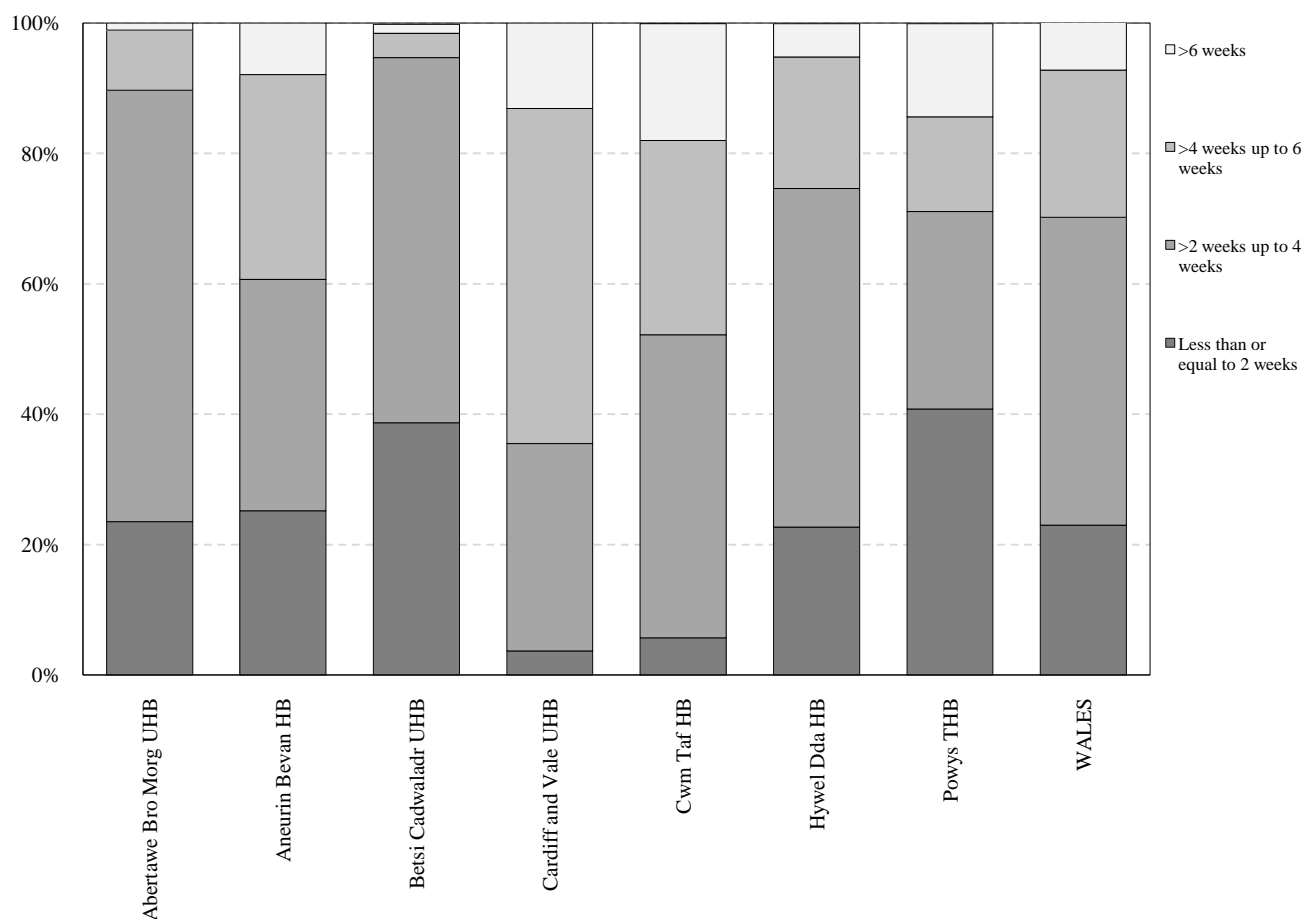
Source: KC53, part E

Health Board	Less than or equal to 2 weeks	>2 weeks up to 4 weeks	>4 weeks up to 6 weeks	>6 weeks up to 8 weeks	>8 weeks up to 10 weeks	>10 weeks up to 12 weeks	Over 12 weeks	Total
Abertawe Bro Morg UHB	8,475	23,882	3,317	339	63	6	6	36,088
Aneurin Bevan HB	10,277	14,455	12,807	2,950	215	33	29	40,766
Betsi Cadwaladr UHB	17,951	25,970	1,734	529	143	10	16	46,353
Cardiff and Vale UHB	1,300	11,097	17,909	2,728	1,752	60	25	34,871
Cwm Taf HB	1,213	9,908	6,347	2,536	1,152	112	17	21,285
Hywel Dda HB	5,552	12,675	4,939	970	246	23	10	24,415
Powys THB	3,735	2,777	1,326	1,133	156	11	13	9,151
WALES ¹	49,380	101,170	48,542	11,297	3,768	262	122	214,541

Table Xb: Sample turnaround times ², percentage by Health Board

Health Board	Less than or equal to 2 weeks	>2 weeks up to 4 weeks	>4 weeks up to 6 weeks	>6 weeks up to 8 weeks	>8 weeks up to 10 weeks	>10 weeks up to 12 weeks	Over 12 weeks	Total
Abertawe Bro Morg UHB	23.5%	66.2%	9.2%	0.9%	0.2%	0.0%	0.0%	100%
Aneurin Bevan HB	25.2%	35.5%	31.4%	7.2%	0.5%	0.1%	0.1%	100%
Betsi Cadwaladr UHB	38.7%	56.0%	3.7%	1.1%	0.3%	0.0%	0.0%	100%
Cardiff and Vale UHB	3.7%	31.8%	51.4%	7.8%	5.0%	0.2%	0.1%	100%
Cwm Taf HB	5.7%	46.5%	29.8%	11.9%	5.4%	0.5%	0.1%	100%
Hywel Dda HB	22.7%	51.9%	20.2%	4.0%	1.0%	0.1%	0.0%	100%
Powys THB	40.8%	30.3%	14.5%	12.4%	1.7%	0.1%	0.1%	100%
WALES ¹	23.0%	47.2%	22.6%	5.3%	1.8%	0.1%	0.1%	100%

Figure X: Sample turnaround times, by Health Board



NOTES:

¹ A small proportion of women could not be allocated to a Health Board, but are shown in the total for Wales

² Calculated from date sample was taken to issue of result letter

Table 10: Number of samples examined, by pathology laboratories and source of test

Source: KC61, part A

Laboratory		Total	NHS Community		GUM Clinic	NHS Hospital	Private	Other
			GP	& Sexual Health Clinics				
Glan Clwyd	Total samples	14,131	12,603	422	193	913	-	-
	No. inadequate	196	179	6	3	8	-	-
	% inadequate	1.4%	1.4%	1.4%	1.6%	0.9%	0.0%	0.0%
	No. adequate	13,935	12,424	416	190	905	-	-
	No. high grade ¹	196	150	5	6	35	-	-
	% high grade ²	1.4%	1.2%	1.2%	3.2%	3.9%	0.0%	0.0%
Gwynedd	Total samples	17,059	15,290	810	53	849	-	57
	No. inadequate	362	314	19	2	24	-	3
	% inadequate	2.1%	2.1%	2.3%	3.8%	2.8%	0.0%	5.3%
	No. adequate	16,697	14,976	791	51	825	-	54
	No. high grade ¹	251	208	10	3	30	-	-
	% high grade ²	1.5%	1.4%	1.3%	5.9%	3.6%	0.0%	0.0%
Llandough	Total samples	35,407	30,887	1,339	609	2,571	-	1
	No. inadequate	764	625	37	20	82	-	-
	% inadequate	2.2%	2.0%	2.8%	3.3%	3.2%	0.0%	0.0%
	No. adequate	34,643	30,262	1,302	589	2,489	-	1
	No. high grade ¹	543	345	20	11	167	-	-
	% high grade ²	1.6%	1.1%	1.5%	1.9%	6.7%	0.0%	0.0%
Prince Charles	Total samples	8,413	6,081	1,507	1	824	-	-
	No. inadequate	215	156	30	-	29	-	-
	% inadequate	2.6%	2.6%	2.0%	0.0%	3.5%	0.0%	0.0%
	No. adequate	8,198	5,925	1,477	1	795	-	-
	No. high grade ¹	125	90	21	-	14	-	-
	% high grade ²	1.5%	1.5%	1.4%	0.0%	1.8%	0.0%	0.0%
Princess of Wales	Total samples	10,233	8,665	799	33	727	1	8
	No. inadequate	167	140	14	2	11	-	-
	% inadequate	1.6%	1.6%	1.8%	6.1%	1.5%	0.0%	0.0%
	No. adequate	10,066	8,525	785	31	716	1	8
	No. high grade ¹	116	72	8	1	35	-	-
	% high grade ²	1.2%	0.8%	1.0%	3.2%	4.9%	0.0%	0.0%
Royal Glamorgan	Total samples	21,754	18,732	907	264	1,555	11	285
	No. inadequate	290	259	9	4	17	1	-
	% inadequate	1.3%	1.4%	1.0%	1.5%	1.1%	9.1%	0.0%
	No. adequate	21,464	18,473	898	260	1,538	10	285
	No. high grade ¹	476	274	25	11	158	1	7
	% high grade ²	2.2%	1.5%	2.8%	4.2%	10.3%	10.0%	2.5%
Royal Gwent	Total samples	39,439	32,479	2,782	419	3,759	-	-
	No. inadequate	500	373	43	5	79	-	-
	% inadequate	1.3%	1.1%	1.5%	1.2%	2.1%	0.0%	0.0%
	No. adequate	38,939	32,106	2,739	414	3,680	-	-
	No. high grade ¹	604	402	56	18	128	-	-
	% high grade ²	1.6%	1.3%	2.0%	4.3%	3.5%	0.0%	0.0%

NOTES:¹ 'High grade' includes results reported as 'moderate dyskaryosis', 'severe dyskaryosis', 'severe dyskaryosis/?invasive carcinoma', or '?glandular neoplasia'² % high grade of all adequate results

Table 10: Number of samples examined, by pathology laboratories and source of test (continued)

Source: KC61, part A

Laboratory		Total	NHS Community & Sexual			GUM Clinic	NHS Hospital	Private	Other
			GP	Health Clinics					
Swansea	Total samples	27,661	24,246	980	219	2,204	12	-	
	No. inadequate	596	471	16	6	101	2	-	
	% inadequate	2.2%	1.9%	1.6%	2.7%	4.6%	16.7%	0.0%	
	No. adequate	27,065	23,775	964	213	2,103	10	-	
	No. high grade ¹	306	210	15	-	81	-	-	
	% high grade ²	1.1%	0.9%	1.6%	0.0%	3.9%	0.0%	0.0%	
West Wales	Total samples	17,649	15,003	1,072	-	1,568	2	4	
	No. inadequate	362	306	12	-	44	-	-	
	% inadequate	2.1%	2.0%	1.1%	0.0%	2.8%	0.0%	0.0%	
	No. adequate	17,287	14,697	1,060	-	1,524	2	4	
	No. high grade ¹	216	158	8	-	50	-	-	
	% high grade ²	1.2%	1.1%	0.8%	0.0%	3.3%	0.0%	0.0%	
Withybush	Total samples	8,039	6,619	393	2	1,025	-	-	
	No. inadequate	78	61	5	1	11	-	-	
	% inadequate	1.0%	0.9%	1.3%	50.0%	1.1%	0.0%	0.0%	
	No. adequate	7,961	6,558	388	1	1,014	-	-	
	No. high grade ¹	110	82	6	-	22	-	-	
	% high grade ²	1.4%	1.3%	1.5%	0.0%	2.2%	0.0%	0.0%	
Wrexham Maelor	Total samples	15,516	13,596	777	-	1,127	9	7	
	No. inadequate	185	150	9	-	25	1	-	
	% inadequate	1.2%	1.1%	1.2%	0.0%	2.2%	11.1%	0.0%	
	No. adequate	15,331	13,446	768	-	1,102	8	7	
	No. high grade ¹	283	194	16	-	73	-	-	
	% high grade ²	1.8%	1.4%	2.1%	0.0%	6.6%	0.0%	0.0%	
Shrewsbury	Total samples	4,604	4,305	12	1	277	9	-	
	No. inadequate	60	56	-	-	4	-	-	
	% inadequate	1.3%	1.3%	0.0%	0.0%	1.4%	0.0%	0.0%	
	No. adequate	4,544	4,249	12	1	273	9	-	
	No. high grade ¹	48	33	1	-	14	-	-	
	% high grade ²	1.1%	0.8%	8.3%	0.0%	5.1%	0.0%	0.0%	
WALES	Total samples	219,905	188,506	11,800	1,794	17,399	44	362	
	No. inadequate	3,775	3,090	200	43	435	4	3	
	% inadequate	1.7%	1.6%	1.7%	2.4%	2.5%	9.1%	0.8%	
	No. adequate	216,130	185,416	11,600	1,751	16,964	40	359	
	No. high grade ¹	3,274	2,218	191	50	807	1	7	
	% high grade ²	1.5%	1.2%	1.6%	2.9%	4.8%	2.5%	1.9%	

NOTES:

¹ 'High grade' includes results reported as 'moderate dyskaryosis', 'severe dyskaryosis', 'severe dyskaryosis/?invasive carcinoma', or '?glandular neoplasia'

² % high grade of all adequate results

Figure 10a: Percentage of inadequate tests, by laboratory

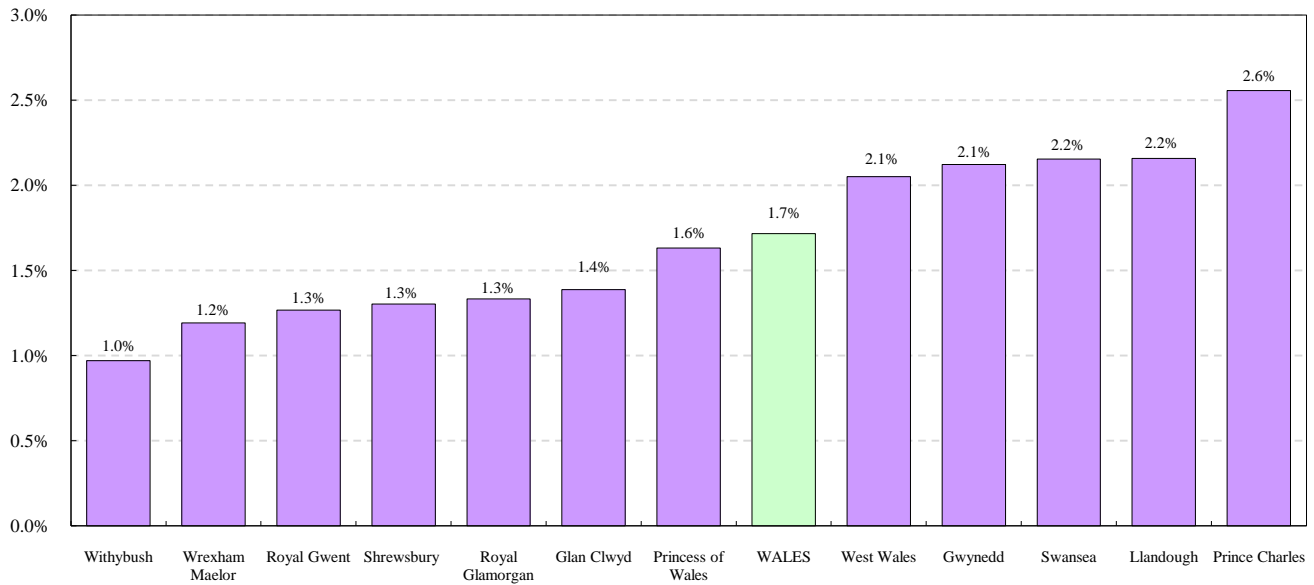


Figure 10b: Percentage of high grade results^{1,2}, by laboratory

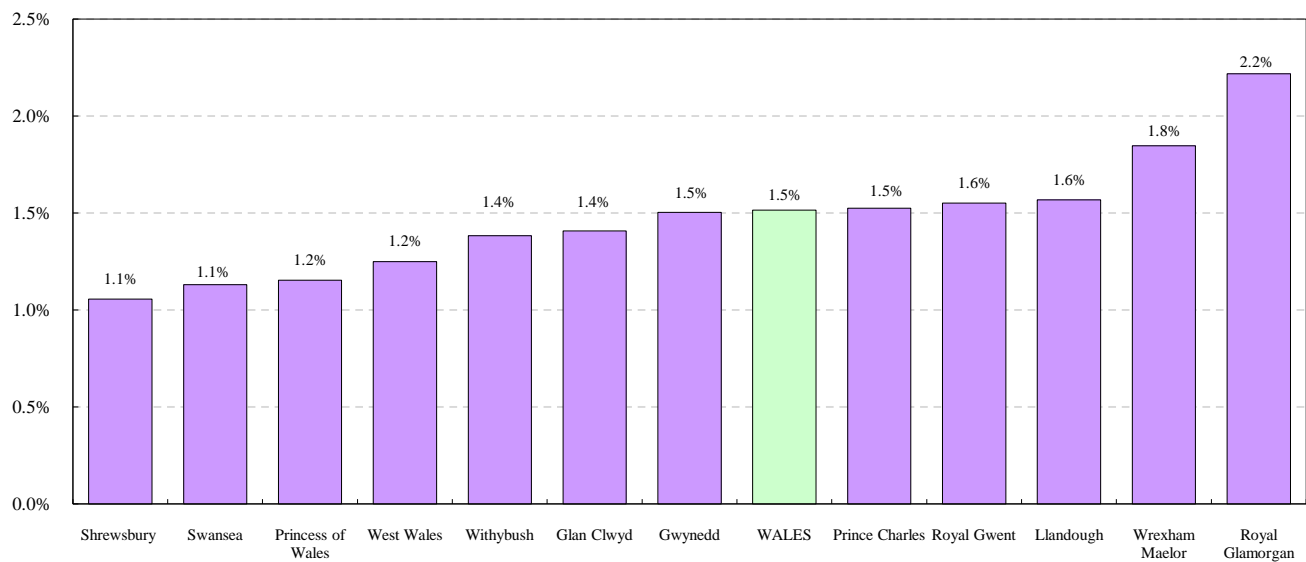
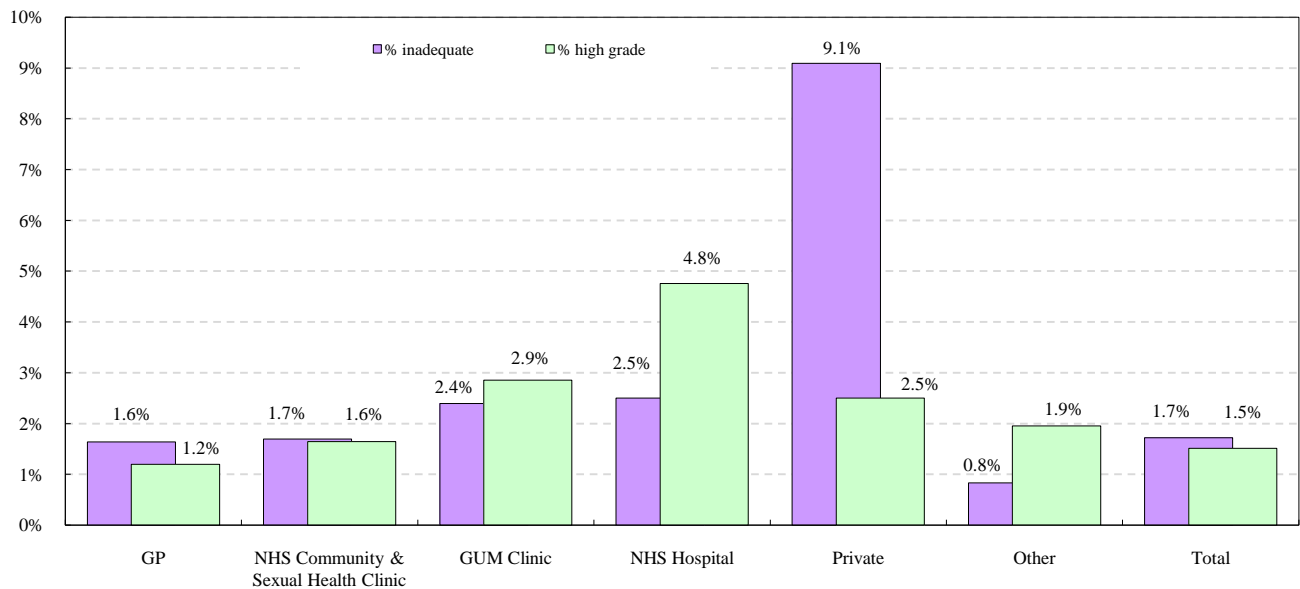


Figure 10c: Percentage of inadequate tests and high grade results^{1,2}, by source of test



NOTES:

¹ 'High grade' includes results reported as 'moderate dyskaryosis', 'severe dyskaryosis', 'severe dyskaryosis/?invasive carcinoma', or '?glandular neoplasia'
² % high grade of all adequate results

Table 11a: Result of test¹, by laboratory

Source: KC61, part B

Laboratory	Total adequate samples	Negative	Borderline changes	Mild dyskaryosis	Moderate dyskaryosis	Severe dyskaryosis	Severe	?Glandular neoplasia
							dyskaryosis /?Invasive carcinoma	
Glan Clwyd	12,840	11,876	526	283	50	96	3	6
Gwynedd	15,767	14,573	605	371	74	131	6	7
Llandough	31,564	28,673	1,916	610	126	204	8	27
Prince Charles	7,402	6,553	410	328	39	67	1	4
Princess of Wales	9,310	8,642	495	93	45	26	2	7
Royal Glamorgan	19,371	17,719	764	589	127	160	3	9
Royal Gwent	34,845	32,115	1,506	766	205	226	8	19
Swansea	24,739	22,948	1,266	300	118	89	7	11
West Wales	15,757	14,669	602	320	72	88	2	4
Withybush	6,946	6,345	359	154	47	38	-	3
Wrexham	14,214	12,875	759	370	76	123	3	8
Shrewsbury	4,261	3,902	222	103	11	18	-	5
WALES	197,016	180,890	9,430	4,287	990	1,266	43	110

Table 11b: Result (as percentage of total adequate samples)¹ by laboratory

Laboratory	Total adequate samples	Negative	Borderline changes	Mild dyskaryosis	Moderate dyskaryosis	Severe dyskaryosis	Severe	?Glandular neoplasia
							dyskaryosis /?Invasive carcinoma	
Glan Clwyd	100%	92.5%	4.1%	2.2%	0.4%	0.7%	0.0%	0.0%
Gwynedd	100%	92.4%	3.8%	2.4%	0.5%	0.8%	0.0%	0.0%
Llandough	100%	90.8%	6.1%	1.9%	0.4%	0.6%	0.0%	0.1%
Prince Charles	100%	88.5%	5.5%	4.4%	0.5%	0.9%	0.0%	0.1%
Princess of Wales	100%	92.8%	5.3%	1.0%	0.5%	0.3%	0.0%	0.1%
Royal Glamorgan	100%	91.5%	3.9%	3.0%	0.7%	0.8%	0.0%	0.0%
Royal Gwent	100%	92.2%	4.3%	2.2%	0.6%	0.6%	0.0%	0.1%
Swansea	100%	92.8%	5.1%	1.2%	0.5%	0.4%	0.0%	0.0%
West Wales	100%	93.1%	3.8%	2.0%	0.5%	0.6%	0.0%	0.0%
Withybush	100%	91.3%	5.2%	2.2%	0.7%	0.5%	0.0%	0.0%
Wrexham	100%	90.6%	5.3%	2.6%	0.5%	0.9%	0.0%	0.1%
Shrewsbury	100%	91.6%	5.2%	2.4%	0.3%	0.4%	0.0%	0.1%
WALES	100%	91.8%	4.8%	2.2%	0.5%	0.6%	0.0%	0.1%

NOTES:¹ Results of tests from GP and NHS Community & Sexual Health Clinics only

Figure 11a: Result of test¹, by laboratory

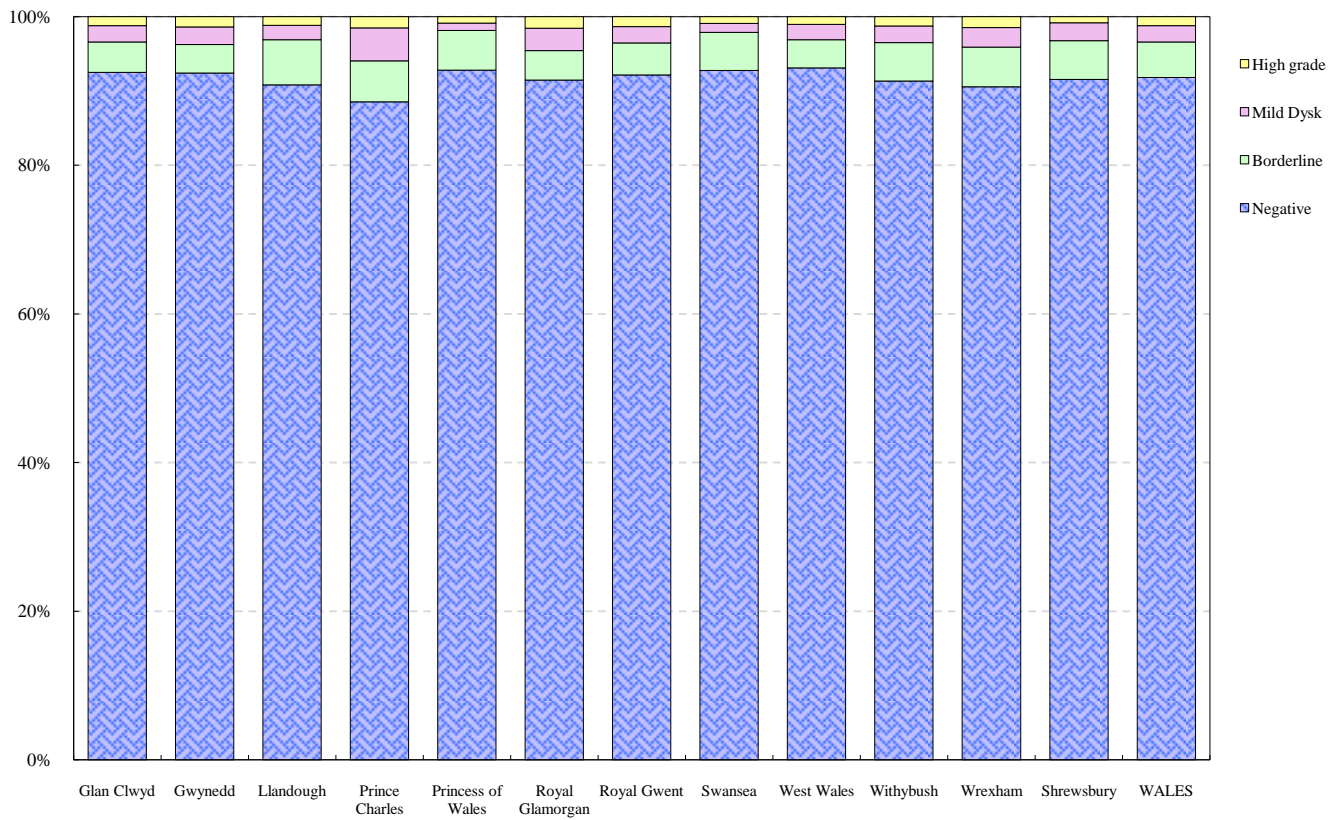
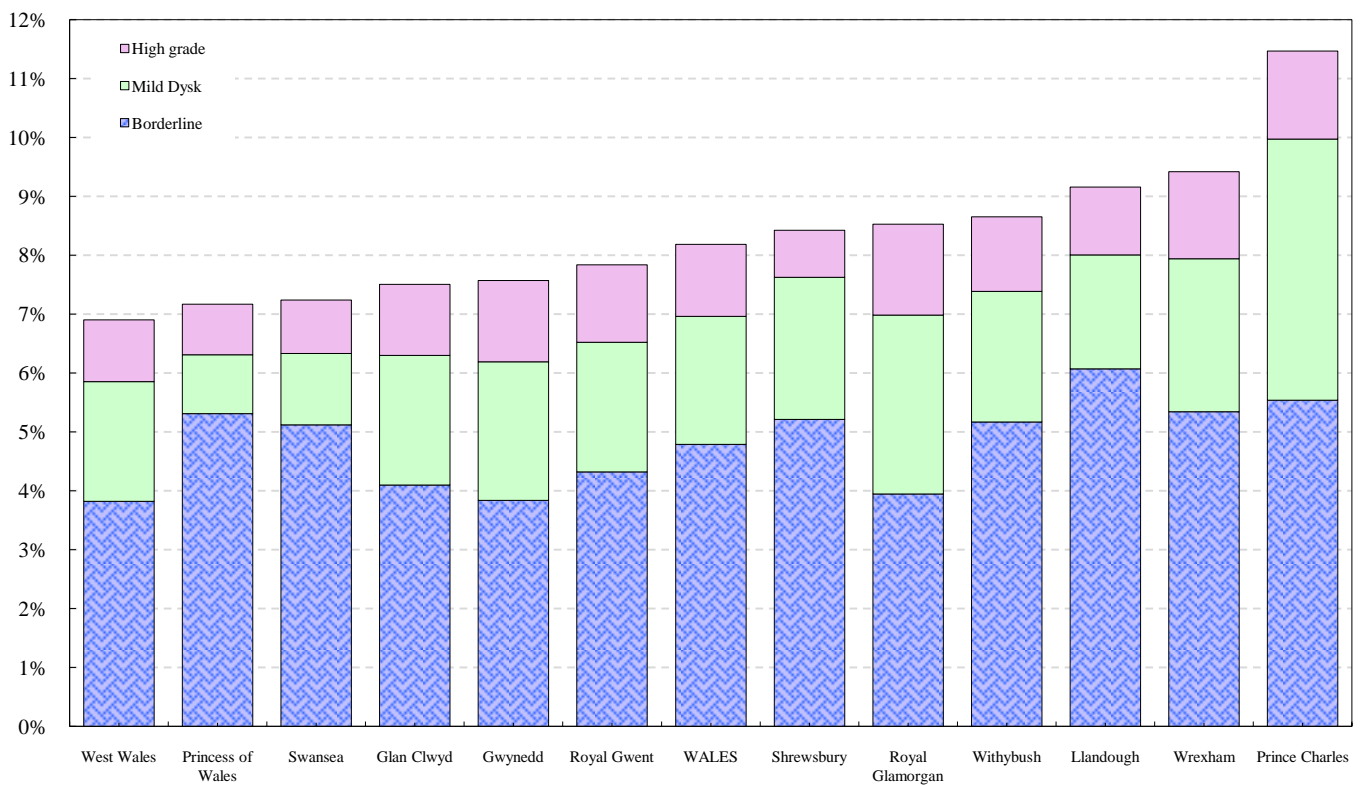


Figure 11b: Low grade² and high grade³ results as a percentage of adequate samples¹, by laboratory



NOTES:

¹ Results of tests examined from GP and NHS Community & Sexual Health Clinics only

² 'Low grade' results are 'borderline' or 'mild dyskaryosis' whilst 'High grade' results are 'moderate dyskaryosis' or worse

³ 'High grade' includes results reported as 'moderate dyskaryosis', 'severe dyskaryosis', 'severe dyskaryosis/?invasive carcinoma', or '?glandular neoplasia'

Table 12a: Number of adequate samples examined by pathology laboratories¹, by result of test and age

Source: KC61, part B

Results of tests	Total ²	Under 20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+
Negative	180,890	82	21,772	20,023	19,430	21,317	23,367	22,615	19,046	16,701	15,517	1,020
Borderline changes	9,430	9	3,117	1,551	986	913	868	831	514	356	267	18
Mild dyskaryosis	4,287	5	1,909	741	412	341	313	223	151	124	60	8
Moderate dyskaryosis	990	-	322	244	127	99	67	55	37	24	11	4
Severe dyskaryosis	1,266	-	309	346	223	142	92	72	29	31	19	3
?Invasive carcinoma	43	-	5	9	3	6	6	6	5	2	-	1
?Glandular neoplasia	110	-	9	16	13	12	10	13	11	12	11	3
TOTAL	197,016	96	27,443	22,930	21,194	22,830	24,723	23,815	19,793	17,250	15,885	1,057

Table 12b: Percentage of adequate samples examined by pathology laboratories¹, by result of test and age

Source: KC61, part B

Results of tests	Total ²	Under 20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+
Negative	91.8%	85.4%	79.3%	87.3%	91.7%	93.4%	94.5%	95.0%	96.2%	96.8%	97.7%	96.5%
Borderline changes	4.8%	9.4%	11.4%	6.8%	4.7%	4.0%	3.5%	3.5%	2.6%	2.1%	1.7%	1.7%
Mild dyskaryosis	2.2%	5.2%	7.0%	3.2%	1.9%	1.5%	1.3%	0.9%	0.8%	0.7%	0.4%	0.8%
Moderate dyskaryosis	0.5%	0.0%	1.2%	1.1%	0.6%	0.4%	0.3%	0.2%	0.2%	0.1%	0.1%	0.4%
Severe dyskaryosis	0.6%	0.0%	1.1%	1.5%	1.1%	0.6%	0.4%	0.3%	0.1%	0.2%	0.1%	0.3%
?Invasive carcinoma	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
?Glandular neoplasia	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	0.1%	0.3%
TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Figure 12a: Abnormal tests, by age and result

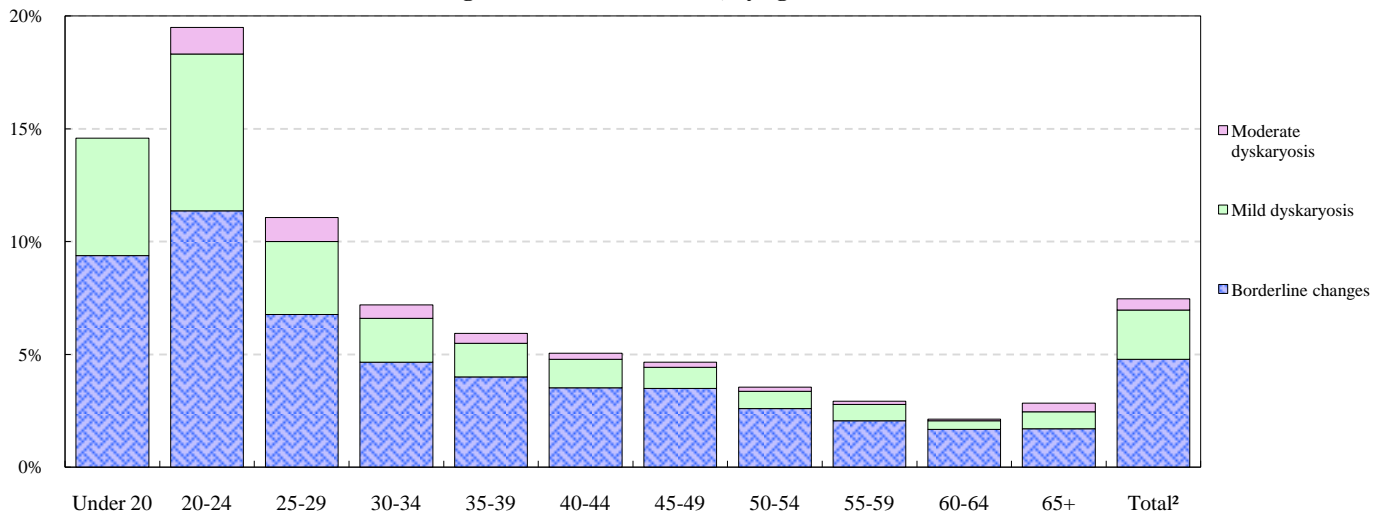
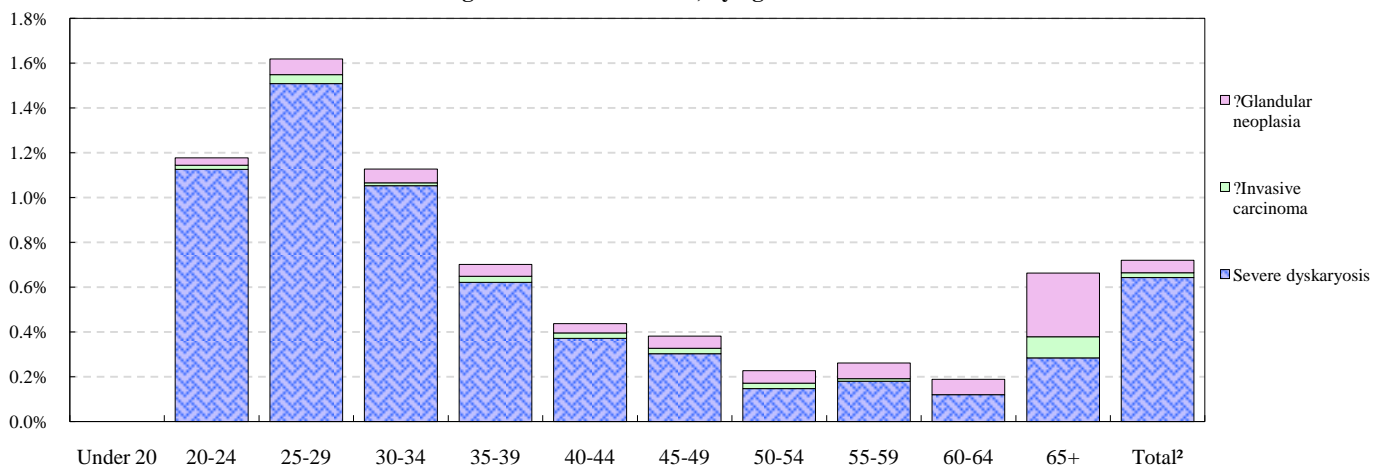


Figure 12b: Positive tests, by age and result



NOTES:

¹ Results of tests examined from GP and NHS Community & Sexual Health Clinics only

Table 13a: Number of inadequate tests, by age and laboratory¹

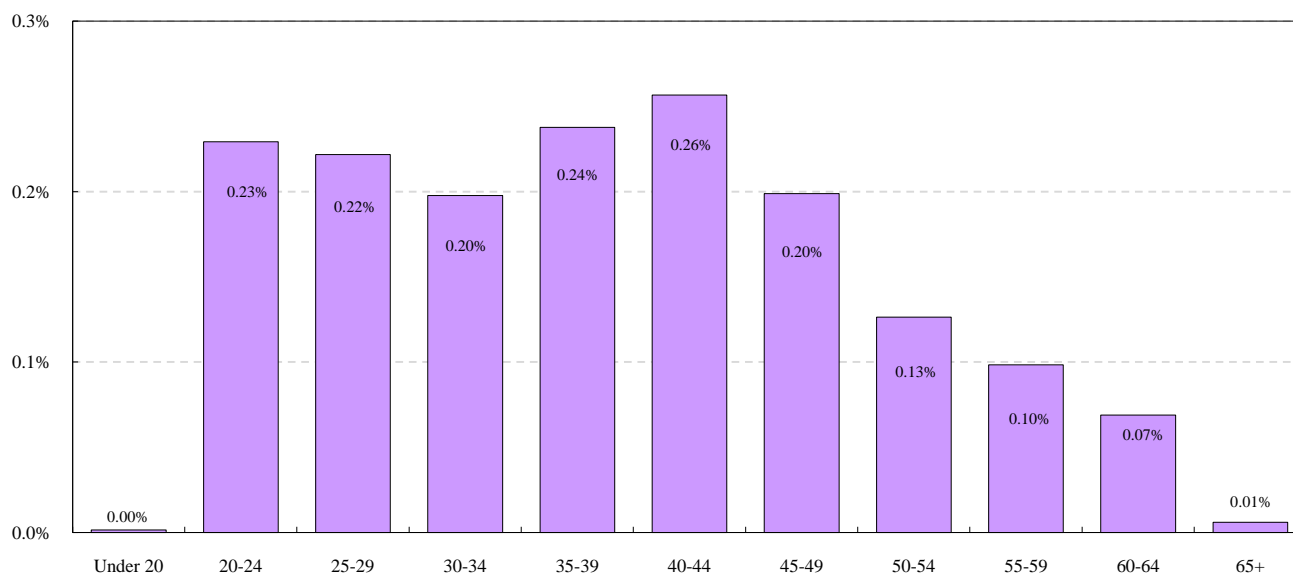
Source: KC61, part B

Laboratory	Total ³ inadequate tests											
	Under 20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	
Glan Clwyd	-	24	18	29	31	20	24	17	13	8	1	
Gwynedd	-	46	50	29	53	57	32	35	14	17	-	
Llandough	1	80	118	106	102	91	86	37	22	19	-	
Prince Charles	-	30	30	15	28	33	20	12	13	5	-	
Princess of Wales	-	27	13	19	25	20	20	13	7	6	4	
Royal Glamorgan	1	36	32	39	40	49	29	19	14	9	-	
Royal Gwent	1	65	55	52	59	68	49	25	20	22	-	
Swansea	-	74	62	40	59	81	53	44	43	25	6	
West Wales	-	52	40	32	43	60	37	23	18	12	1	
Withybush	-	8	7	12	12	5	15	5	1	1	-	
Wrexham	-	13	12	16	18	22	29	19	26	4	-	
Shrewsbury	-	4	7	7	6	8	4	4	6	10	-	
TOTAL	3	459	444	396	476	514	398	253	197	138	12	

Table 13b: Inadequate tests as a percentage³ of total samples, by age and laboratory

Laboratory	Total ³	Under 20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+
Glan Clwyd	1.4%	0.0%	0.2%	0.1%	0.2%	0.2%	0.2%	0.2%	0.1%	0.1%	0.1%	0.0%
Gwynedd	2.1%	0.0%	0.3%	0.3%	0.2%	0.3%	0.4%	0.2%	0.2%	0.1%	0.1%	0.0%
Llandough	2.1%	0.0%	0.2%	0.4%	0.3%	0.3%	0.3%	0.3%	0.1%	0.1%	0.1%	0.0%
Prince Charles	2.5%	0.0%	0.4%	0.4%	0.2%	0.4%	0.4%	0.3%	0.2%	0.2%	0.1%	0.0%
Princess of Wales	1.6%	0.0%	0.3%	0.1%	0.2%	0.3%	0.2%	0.2%	0.1%	0.1%	0.1%	0.0%
Royal Glamorgan	1.4%	0.0%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%
Royal Gwent	1.2%	0.0%	0.2%	0.2%	0.1%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.0%
Swansea	1.9%	0.0%	0.3%	0.2%	0.2%	0.2%	0.3%	0.2%	0.2%	0.2%	0.1%	0.0%
West Wales	2.0%	0.0%	0.3%	0.2%	0.2%	0.3%	0.4%	0.2%	0.1%	0.1%	0.1%	0.0%
Withybush	0.9%	0.0%	0.1%	0.1%	0.2%	0.2%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%
Wrexham	1.1%	0.0%	0.1%	0.1%	0.1%	0.1%	0.2%	0.2%	0.1%	0.2%	0.0%	0.0%
Shrewsbury	1.3%	0.0%	0.1%	0.2%	0.2%	0.1%	0.2%	0.1%	0.1%	0.1%	0.2%	0.0%
TOTAL³	1.6%	0.0%	0.2%	0.2%	0.2%	0.2%	0.3%	0.2%	0.1%	0.1%	0.1%	0.0%

Figure 13 : Inadequate tests as a percentage³ of total samples, by age



NOTES:

¹ Results of tests examined from GP and NHS Community & Sexual Health Clinics only

² There are 0 'Age not knowns'

³ Percentage of known ages

Table 14a: Outcome for women recommended for gynaecological referral during April 2009 - March 2010

Source: KC61, Part C

Women referred following a result of inadequate/borderline¹/mild dyskaryosis (ie HMR 101/5, category 1/8/3 results)

Number of women

Laboratory	Total	Cervical					HPV only	No CIN/ No HPV	Inadequate biopsy	Colposcopy		Non Cervical Cancer	Result not known
		Cancer	CGIN	CIN 3	CIN 2	CIN 1				NAD - no biopsy taken	biopsy taken		
Glan Clwyd	262	-	3	39	22	48	24	75	4	47	-	-	
Gwynedd	321	-	-	47	43	144	6	37	3	41	-	-	
Llandough	669	-	1	150	59	124	100	161	10	62	2	-	
Prince Charles	210	-	-	13	23	53	56	52	-	13	-	-	
Princess of Wales	184	1	2	27	28	28	13	25	-	59	1	-	
Royal Glamorgan	541	2	4	51	50	131	118	114	7	64	-	-	
Royal Gwent	779	1	4	67	96	227	128	102	11	142	1	-	
Swansea	480	1	3	38	75	120	85	92	7	57	2	-	
West Wales	381	-	3	35	53	108	49	61	7	65	-	-	
Withybush	198	-	3	23	34	102	4	15	1	14	2	-	
Wrexham	351	1	1	38	41	68	9	54	4	134	1	-	
TOTAL	4,376	6	24	528	524	1,153	592	788	54	698	9	-	

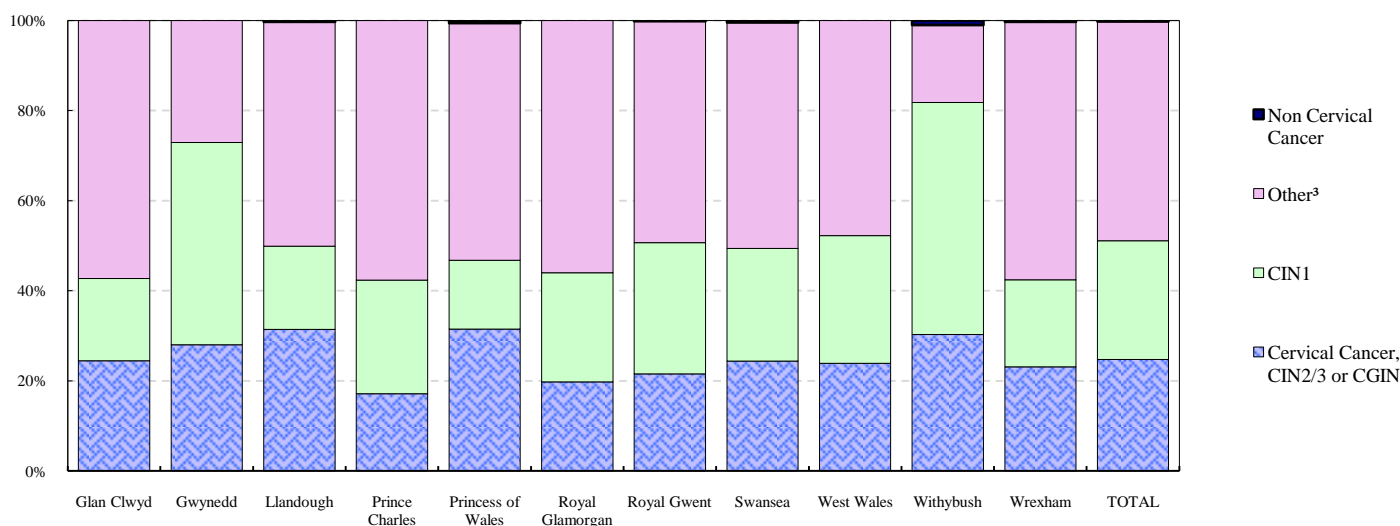
Table 14b: Outcome for women recommended for gynaecological referral during April 2009 - March 2010

Women referred following a result of inadequate/borderline¹/mild dyskaryosis (ie HMR 101/5, category 1/8/3 results)

Percentage of cases with known result

Laboratory	Total with known result	Cervical					HPV only	No CIN/ No HPV	Inadequate biopsy	Colposcopy		Non Cervical Cancer	Result not known ²
		Cancer	CGIN	CIN 3	CIN 2	CIN 1				NAD - no biopsy taken	biopsy taken		
Glan Clwyd	100%	0.0%	1.1%	14.9%	8.4%	18.3%	9.2%	28.6%	1.5%	17.9%	0.0%	0.0%	
Gwynedd	100%	0.0%	0.0%	14.6%	13.4%	44.9%	1.9%	11.5%	0.9%	12.8%	0.0%	0.0%	
Llandough	100%	0.0%	0.1%	22.4%	8.8%	18.5%	14.9%	24.1%	1.5%	9.3%	0.3%	0.0%	
Prince Charles	100%	0.0%	0.0%	6.2%	11.0%	25.2%	26.7%	24.8%	0.0%	6.2%	0.0%	0.0%	
Princess of Wales	100%	0.5%	1.1%	14.7%	15.2%	15.2%	7.1%	13.6%	0.0%	32.1%	0.5%	0.0%	
Royal Glamorgan	100%	0.4%	0.7%	9.4%	9.2%	24.2%	21.8%	21.1%	1.3%	11.8%	0.0%	0.0%	
Royal Gwent	100%	0.1%	0.5%	8.6%	12.3%	29.1%	16.4%	13.1%	1.4%	18.2%	0.1%	0.0%	
Swansea	100%	0.2%	0.6%	7.9%	15.6%	25.0%	17.7%	19.2%	1.5%	11.9%	0.4%	0.0%	
West Wales	100%	0.0%	0.8%	9.2%	13.9%	28.3%	12.9%	16.0%	1.8%	17.1%	0.0%	0.0%	
Withybush	100%	0.0%	1.5%	11.6%	17.2%	51.5%	2.0%	7.6%	0.5%	7.1%	1.0%	0.0%	
Wrexham	100%	0.3%	0.3%	10.8%	11.7%	19.4%	2.6%	15.4%	1.1%	38.2%	0.3%	0.0%	
TOTAL	100%	0.1%	0.5%	12.1%	12.0%	26.3%	13.5%	18.0%	1.2%	16.0%	0.2%	0.0%	

Figure 14a: Outcome of referral - following a result of inadequate, borderline or mild dyskaryosis



NOTES:

¹ A small proportion of borderline referral samples were reported as query high grade and confirmed on histology

² as percentage of total results (ie 'known' and 'not known')

³ Other = 'HPV only', 'No CIN/No HPV', 'Inadequate biopsy', and 'Colposcopy NAD - no biopsy taken'

Table 14c: Outcome for women recommended for gynaecological referral during April 2009 - March 2010

Source: KC61, part C

Women referred following a result of moderate dyskaryosis or worse, (ie HMR 101/5, category 7/4/5/6 results)

Number of women

Laboratory	Total	Cervical Cancer	CGIN	CIN 3	CIN 2	CIN 1	HPV only	No CIN/ No HPV	Inadequate biopsy	Colposcopy NAD - no biopsy taken	Non Cervical Cancer	Result not known
Glan Clwyd	132	3	3	85	22	7	-	9	1	1	1	-
Gwynedd	198	4	9	141	29	8	1	1	-	2	3	-
Llandough	469	6	24	325	45	16	13	28	2	6	4	-
Prince Charles	127	3	1	72	24	6	5	8	-	8	-	-
Princess of Wales	153	7	8	94	25	9	4	4	1	1	-	-
Royal Glamorgan	451	9	13	262	75	37	23	21	1	7	3	-
Royal Gwent	681	16	17	401	139	56	16	19	2	10	5	-
Swansea	314	8	11	160	87	26	9	10	-	-	3	-
West Wales	138	6	2	73	34	10	2	6	1	-	4	-
Withybush	149	5	3	72	45	22	-	1	-	1	-	-
Wrexham	207	5	8	113	62	8	2	4	-	5	-	-
TOTAL	3,019	72	99	1,798	587	205	75	111	8	41	23	-

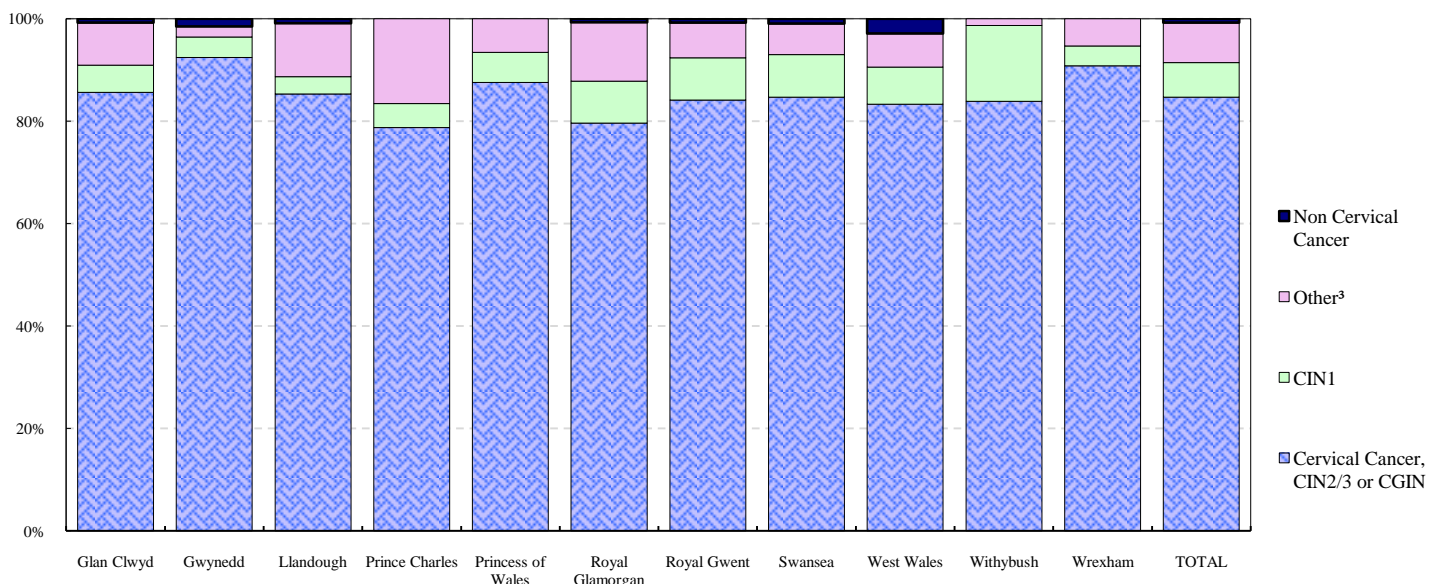
Table 14d: Outcome for women recommended for gynaecological referral during April 2009 - March 2010

Women referred following a result of moderate dyskaryosis or worse, (ie HMR 101/5, category 7/4/5/6 results)

Percentage of cases with known result

Laboratory	Total with known result	Cervical Cancer	CGIN	CIN 3	CIN 2	CIN 1	HPV only	No CIN/ No HPV	Inadequate biopsy	Colposcopy NAD - no biopsy taken	Non Cervical Cancer	Result not known ²
Glan Clwyd	100%	2.3%	2.3%	64.4%	16.7%	5.3%	0.0%	6.8%	0.8%	0.8%	0.8%	0.0%
Gwynedd	100%	2.0%	4.5%	71.2%	14.6%	4.0%	0.5%	0.5%	0.0%	1.0%	1.5%	0.0%
Llandough	100%	1.3%	5.1%	69.3%	9.6%	3.4%	2.8%	6.0%	0.4%	1.3%	0.9%	0.0%
Prince Charles	100%	2.4%	0.8%	56.7%	18.9%	4.7%	3.9%	6.3%	0.0%	6.3%	0.0%	0.0%
Princess of Wales	100%	4.6%	5.2%	61.4%	16.3%	5.9%	2.6%	2.6%	0.7%	0.7%	0.0%	0.0%
Royal Glamorgan	100%	2.0%	2.9%	58.1%	16.6%	8.2%	5.1%	4.7%	0.2%	1.6%	0.7%	0.0%
Royal Gwent	100%	2.3%	2.5%	58.9%	20.4%	8.2%	2.3%	2.8%	0.3%	1.5%	0.7%	0.0%
Swansea	100%	2.5%	3.5%	51.0%	27.7%	8.3%	2.9%	3.2%	0.0%	0.0%	1.0%	0.0%
West Wales	100%	4.3%	1.4%	52.9%	24.6%	7.2%	1.4%	4.3%	0.7%	0.0%	2.9%	0.0%
Withybush	100%	3.4%	2.0%	48.3%	30.2%	14.8%	0.0%	0.7%	0.0%	0.7%	0.0%	0.0%
Wrexham	100%	2.4%	3.9%	54.6%	30.0%	3.9%	1.0%	1.9%	0.0%	2.4%	0.0%	0.0%
TOTAL	100%	2.4%	3.3%	59.6%	19.4%	6.8%	2.5%	3.7%	0.3%	1.4%	0.8%	0.0%

Figure 14b: Outcome of referral - following a result of moderate dyskaryosis or worse



NOTES:

¹ There are a small number of cases with no cervical outcome but they did have a non cervical abnormality identified on histology

² as percentage of total results (ie 'known' and 'not known')

³ Other = 'HPV only', 'No CIN/No HPV', 'Inadequate biopsy', and 'Colposcopy NAD - no biopsy taken'

Table 15: Positive Predictive Value (PPV)¹ for high grade² referrals, by laboratory

Source: KC61, part C

Laboratory	Number of x ¹	Number of y ¹	PPV ¹
Glan Clwyd	113	16	88%
Gwynedd	183	10	95%
Llandough	400	57	88%
Prince Charles	100	19	84%
Princess of Wales	134	17	89%
Royal Glamorgan	359	81	82%
Royal Gwent	573	91	86%
Swansea	266	45	86%
West Wales	115	18	86%
Withybush	125	23	84%
Wrexham	188	14	93%
TOTAL	2,556	391	87%

NOTES:

¹ PPV is calculated where the most significant result was moderate dyskaryosis or worse (grades 7/4/5/6) resulting in recommendation for gynaecological referral.

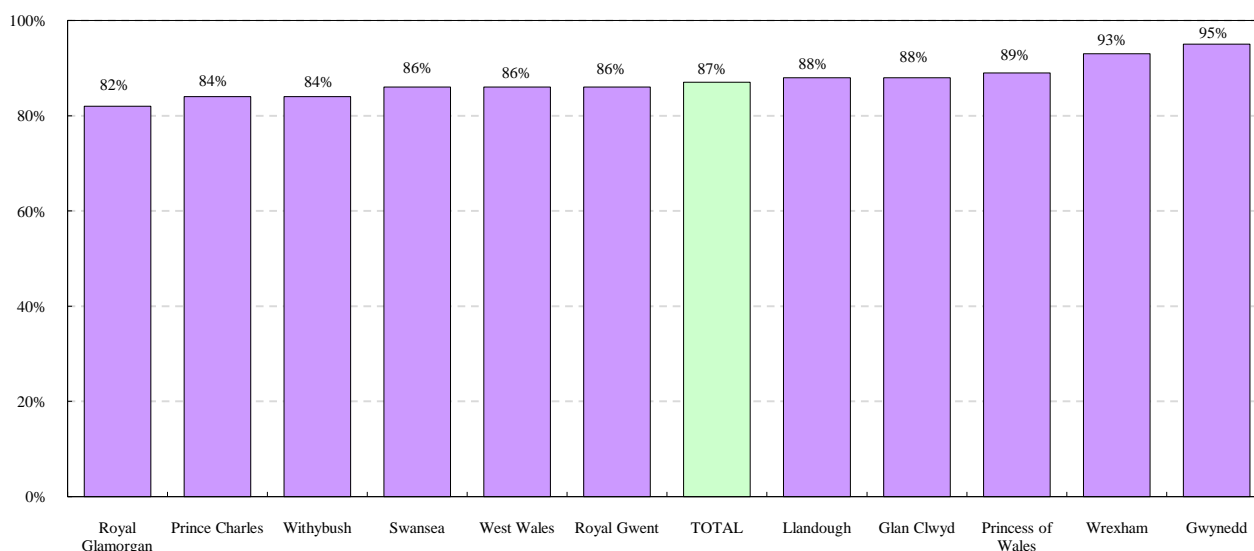
x = outcome of referral equal to 'cervical cancer', 'CGIN', 'CIN3' or 'CIN2'.

y = outcome of referral equal to 'CIN1', 'HPV only' or 'No CIN/No HPV'.

% is calculated as Total x/(Total x + Total y) * 100

See the 'Introduction' for further information.

Figure 15: Positive Predictive Value (PPV)¹ for high grade² referrals, by laboratory



NOTES:

¹ See Notes section above for definition of PPV calculation

² 'High grade' includes results reported as 'moderate dyskaryosis', 'severe dyskaryosis', 'severe dyskaryosis/?invasive carcinoma', or '?glandular neoplasia'

Table 16a: Number of new patients seen, by referral test result and colposcopy clinic

Source: KC65

Colposcopy Clinic	Inadequate	Negative	Borderline changes	Mild dysk	Moderate dysk	Severe dysk	Severe dysk /?Invasive carcinoma	?Glandular neoplasia	No referral test	Total
Brecon	1	-	21	18	9	13	-	3	3	68
Bro Morgannwg	2	-	275	116	108	93	3	12	72	681
Bronglais	2	3	43	45	19	20	-	1	75	208
Caerphilly	-	1	74	89	63	66	1	2	35	331
Cardiff and Vale	8	8	452	352	149	235	6	32	313	1,555
Carmarthenshire	7	6	120	120	65	66	3	5	122	514
Glan Clwyd	1	-	147	168	64	124	3	9	244	760
Gwynedd	4	1	154	148	68	119	7	7	81	589
Llandrindod Wells	-	-	27	27	7	6	-	-	-	67
Nevill Hall	3	-	83	97	53	60	-	5	132	433
Prince Charles	7	131	159	185	55	96	1	2	57	693
Royal Glamorgan	3	1	148	198	87	113	3	8	103	664
Royal Gwent	5	4	276	286	180	174	10	11	145	1,091
Singleton	4	1	239	109	88	62	4	8	196	711
Withybush	1	1	104	77	43	46	-	3	186	461
Wrexham	1	11	226	175	74	115	1	6	139	748
WALES	49	168	2,548	2,210	1,132	1,408	42	114	1,903	9,574

Table 16b: Percentage of new patients seen, by referral test result and colposcopy clinic

Colposcopy Clinic	Inadequate	Negative	Borderline changes	Mild dysk	Moderate dysk	Severe dysk	Severe dysk /?Invasive carcinoma	?Glandular neoplasia	No referral test	Total
Brecon	1.5	-	30.9	26.5	13.2	19.1	-	4.4	4.4	100.0
Bro Morgannwg	0.3	-	40.4	17.0	15.9	13.7	0.4	1.8	10.6	100.0
Bronglais	1.0	1.4	20.7	21.6	9.1	9.6	-	0.5	36.1	100.0
Caerphilly	-	0.3	22.4	26.9	19.0	19.9	0.3	0.6	10.6	100.0
Cardiff and Vale	0.5	0.5	29.1	22.6	9.6	15.1	0.4	2.1	20.1	100.0
Carmarthenshire	1.4	1.2	23.3	23.3	12.6	12.8	0.6	1.0	23.7	100.0
Glan Clwyd	0.1	-	19.3	22.1	8.4	16.3	0.4	1.2	32.1	100.0
Gwynedd	0.7	0.2	26.1	25.1	11.5	20.2	1.2	1.2	13.8	100.0
Llandrindod Wells	-	-	40.3	40.3	10.4	9.0	-	-	-	100.0
Nevill Hall	0.7	-	19.2	22.4	12.2	13.9	-	1.2	30.5	100.0
Prince Charles	1.0	18.9	22.9	26.7	7.9	13.9	0.1	0.3	8.2	100.0
Royal Glamorgan	0.5	0.2	22.3	29.8	13.1	17.0	0.5	1.2	15.5	100.0
Royal Gwent	0.5	0.4	25.3	26.2	16.5	15.9	0.9	1.0	13.3	100.0
Singleton	0.6	0.1	33.6	15.3	12.4	8.7	0.6	1.1	27.6	100.0
Withybush	0.2	0.2	22.6	16.7	9.3	10.0	-	0.7	40.3	100.0
Wrexham	0.1	1.5	30.2	23.4	9.9	15.4	0.1	0.8	18.6	100.0
WALES	0.5	1.8	26.6	23.1	11.8	14.7	0.4	1.2	19.9	100.0

Figure 16: Percentage of new patients seen, by referral test result and colposcopy clinic

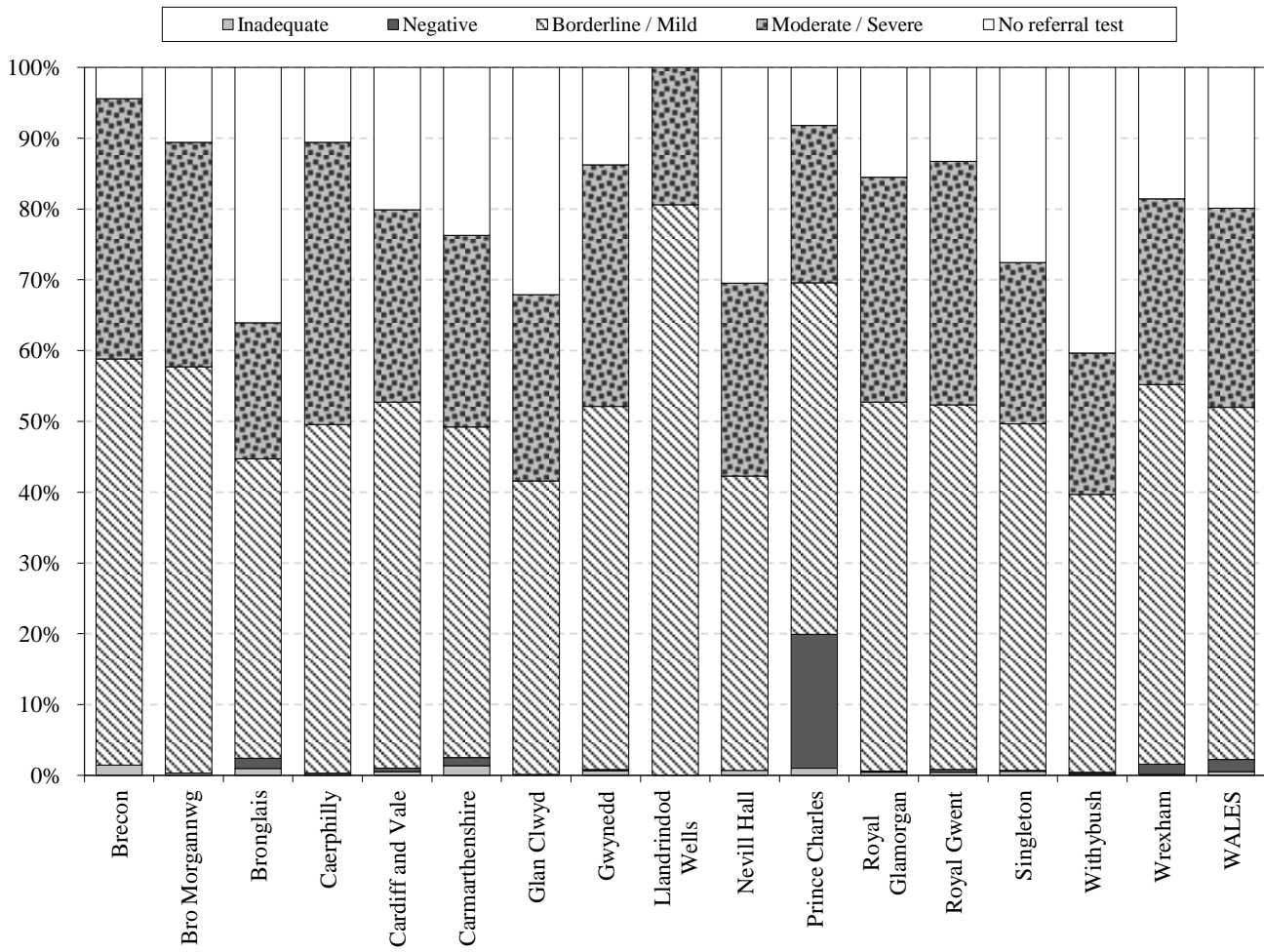


Table 17: Time from receipt of referral to first offered appointment, by colposcopy clinic (excluding patient instigated delays)

Source: KC65

Colposcopy Clinic	All referrals			Moderate dyskaryosis or worse		
	< 8 weeks	> 8 weeks	Total	< 4 weeks	> 4 weeks	Total
Brecon	72	-	72	25	-	25
Bro Morgannwg	721	18	739	240	14	254
Bronglais	190	21	211	32	8	40
Caerphilly	291	51	342	86	55	141
Cardiff and Vale	1,661	27	1,688	386	71	457
Carmarthenshire	508	60	568	143	10	153
Glan Clwyd	773	24	797	183	27	210
Gwynedd	320	287	607	171	39	210
Llandrindod Wells	72	1	73	12	3	15
Nevill Hall	231	227	458	36	86	122
Prince Charles	716	1	717	160	6	166
Royal Glamorgan	620	98	718	185	43	228
Royal Gwent	732	366	1,098	173	204	377
Singleton	767	11	778	178	3	181
Withybush	441	41	482	92	2	94
Wrexham	468	325	793	73	127	200
WALES	8,583	1,558	10,141	2,175	698	2,873
PERCENTAGE	84.6	15.4		75.7	24.3	

Figure 17a: Percentage of all new referrals offered an appointment within 8 weeks, by colposcopy clinic (excluding patient instigated delays)

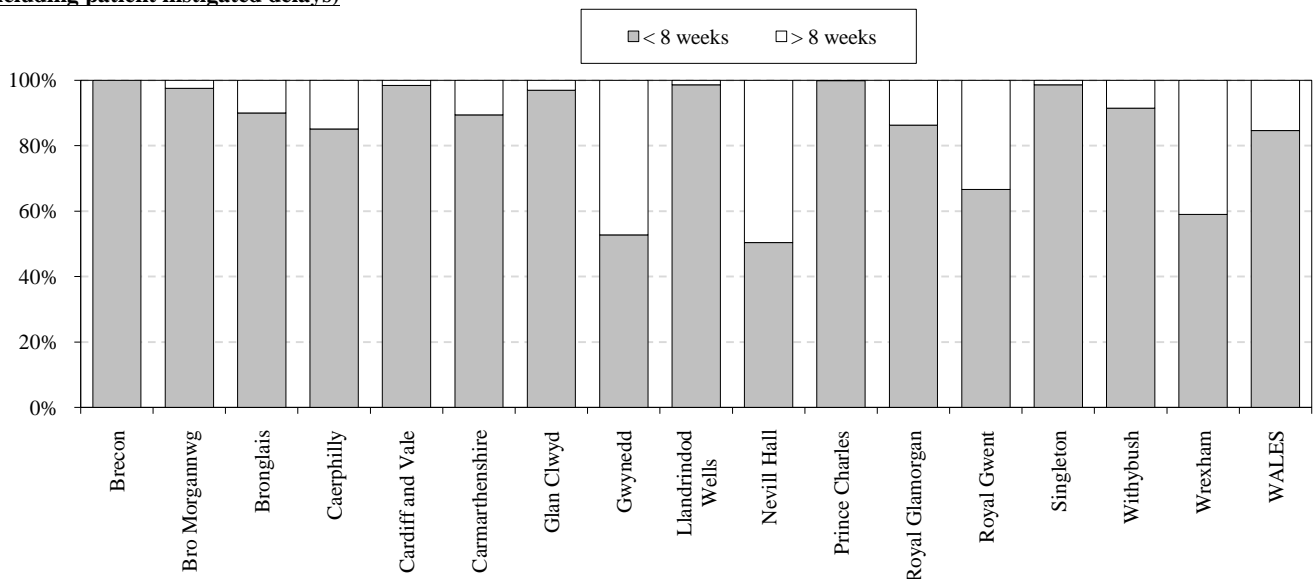


Figure 17b: Percentage of new referrals with a result of moderate dyskaryosis or worse offered an appointment within 4 weeks, by colposcopy clinic (excluding patient instigated delays)

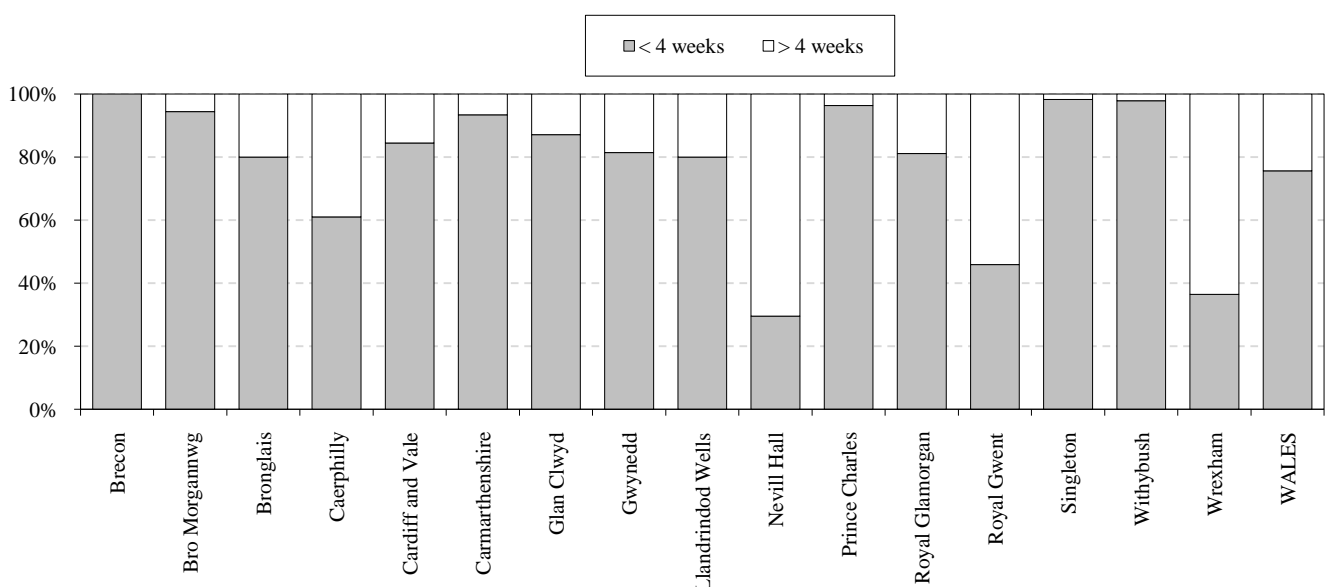


Table 18a: Total attended visits, by type of visit and colposcopy clinic

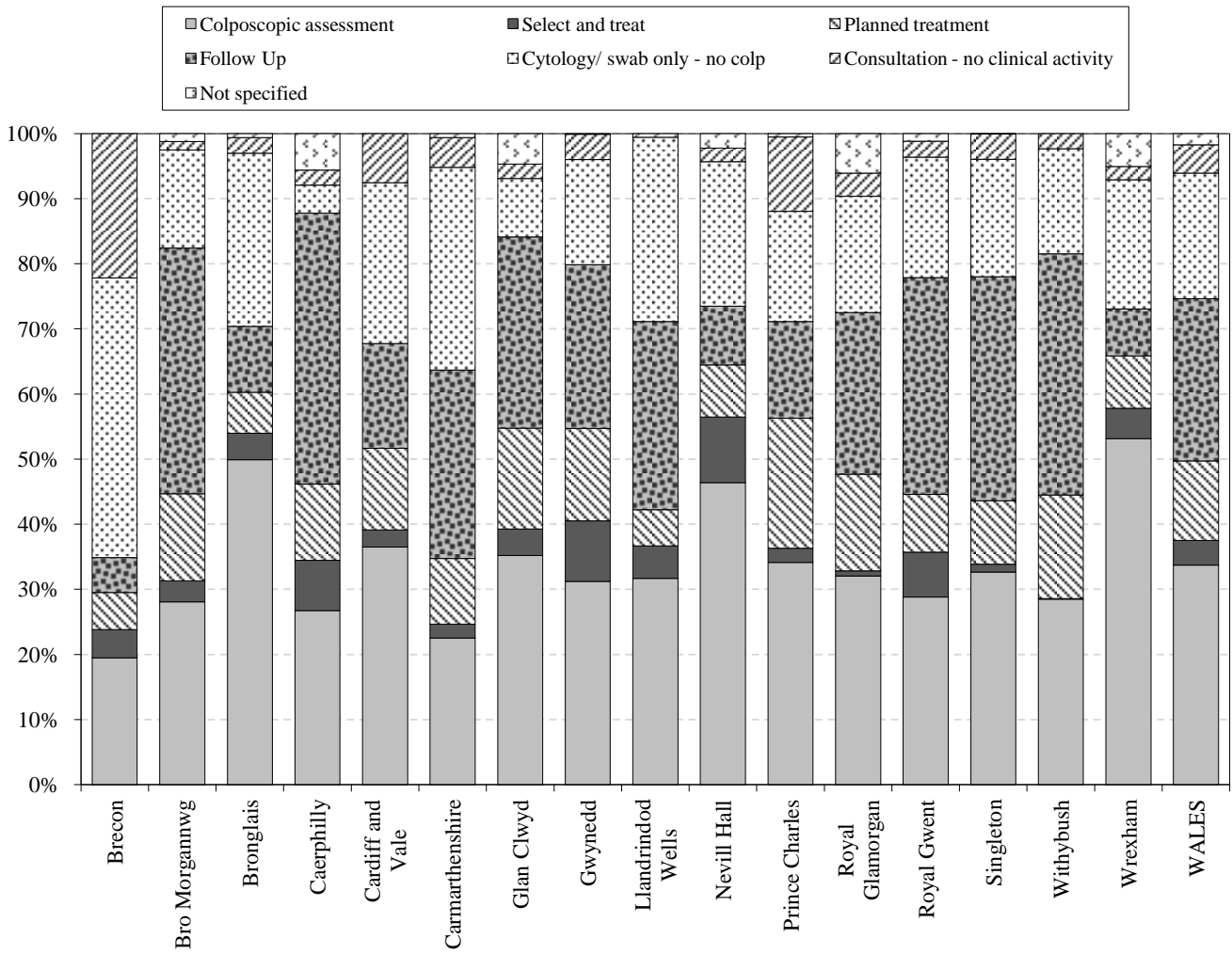
Source: KC65

Colposcopy Clinic	Colposcopic assessment	Select and treat	Planned treatment	Post treatment colp FU	Non treatment colp FU	Cytology/ swab only - no colp	Consultation - no clinical activity	Not specified	Total
Brecon	58	13	17	-	16	128	66	-	298
Bro Morgannwg	566	65	269	338	423	303	26	25	2,015
Bronglais	246	20	31	28	22	131	12	3	493
Caerphilly	247	71	108	188	196	40	21	52	923
Cardiff and Vale	1,633	119	560	339	381	1,104	339	-	4,475
Carmarthenshire	428	41	191	259	292	591	87	12	1,901
Glan Clwyd	621	72	273	242	276	158	39	83	1,764
Gwynedd	478	142	217	152	233	247	59	2	1,530
Llandrindod Wells	57	9	10	10	42	51	-	1	180
Nevill Hall	518	113	89	70	31	248	23	25	1,117
Prince Charles	645	41	377	171	110	319	216	10	1,889
Royal Glamorgan	656	16	303	194	314	365	73	124	2,045
Royal Gwent	874	210	269	422	588	561	74	36	3,034
Singleton	711	26	212	225	524	392	85	1	2,176
Withybush	475	2	265	334	284	269	39	-	1,668
Wrexham	1,049	92	159	85	57	392	40	100	1,974
WALES	9,262	1,052	3,350	3,057	3,789	5,299	1,199	474	27,482

Table 18b: Percentage of attended visits, by type of visit and colposcopy clinic

Colposcopy Clinic	Colposcopic assessment	Select and treat	Planned treatment	Post treatment colp FU	Non treatment colp FU	Cytology/ swab only - no colp	Consultation - no clinical activity	Not specified	Total
Brecon	19.5	4.4	5.7	-	5.4	43.0	22.1	-	100.0
Bro Morgannwg	28.1	3.2	13.3	16.8	21.0	15.0	1.3	1.2	100.0
Bronglais	49.9	4.1	6.3	5.7	4.5	26.6	2.4	0.6	100.0
Caerphilly	26.8	7.7	11.7	20.4	21.2	4.3	2.3	5.6	100.0
Cardiff and Vale	36.5	2.7	12.5	7.6	8.5	24.7	7.6	-	100.0
Carmarthenshire	22.5	2.2	10.0	13.6	15.4	31.1	4.6	0.6	100.0
Glan Clwyd	35.2	4.1	15.5	13.7	15.6	9.0	2.2	4.7	100.0
Gwynedd	31.2	9.3	14.2	9.9	15.2	16.1	3.9	0.1	100.0
Llandrindod Wells	31.7	5.0	5.6	5.6	23.3	28.3	-	0.6	100.0
Nevill Hall	46.4	10.1	8.0	6.3	2.8	22.2	2.1	2.2	100.0
Prince Charles	34.1	2.2	20.0	9.1	5.8	16.9	11.4	0.5	100.0
Royal Glamorgan	32.1	0.8	14.8	9.5	15.4	17.8	3.6	6.1	100.0
Royal Gwent	28.8	6.9	8.9	13.9	19.4	18.5	2.4	1.2	100.0
Singleton	32.7	1.2	9.7	10.3	24.1	18.0	3.9	0.0	100.0
Withybush	28.5	0.1	15.9	20.0	17.0	16.1	2.3	-	100.0
Wrexham	53.1	4.7	8.1	4.3	2.9	19.9	2.0	5.1	100.0
WALES	33.7	3.8	12.2	11.1	13.8	19.3	4.4	1.7	100.0

Figure 18: Percentage of attended visits, by type of visit and colposcopy clinic



NOTES:

¹ Excludes Chester and Shrewsbury patients

Table 19a: Number of new patients seen, by referral test result and most significant procedure at first visit

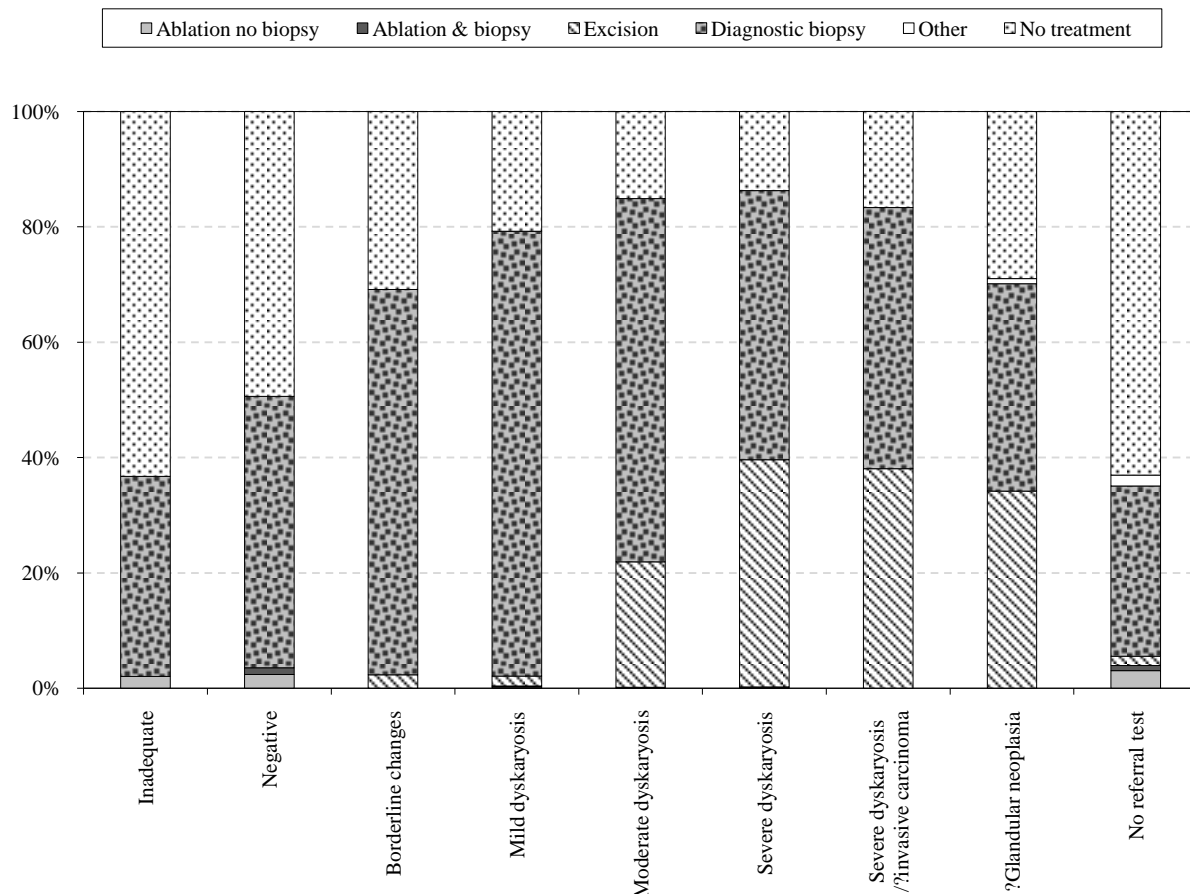
Source: KC65

Result of referral test	Ablation no biopsy	Ablation & biopsy	Excision	Diagnostic biopsy	Other	No treatment	Total
Inadequate	1	-	-	17	-	31	49
Negative	4	2	-	79	-	83	168
Borderline changes	2	1	57	1,702	-	786	2,548
Mild dyskaryosis	5	3	39	1,704	1	458	2,210
Moderate dyskaryosis	1	1	246	713	-	171	1,132
Severe dyskaryosis	-	3	555	657	-	193	1,408
Severe dyskaryosis /?invasive carcinoma	-	-	16	19	-	7	42
?Glandular neoplasia	-	-	39	41	1	33	114
No referral test	58	17	31	561	36	1,200	1,903
Total¹	71	27	983	5,493	38	2,962	9,574

Table 19b: Percentage of new patients seen, by referral test result and most significant procedure at first visit

Result of referral test	Ablation no biopsy	Ablation & biopsy	Excision	Diagnostic biopsy	Other	No treatment	Total
Inadequate	2.0	-	-	34.7	-	63.3	100.0
Negative	2.4	1.2	-	47.0	-	49.4	100.0
Borderline changes	0.1	0.0	2.2	66.8	-	30.8	100.0
Mild dyskaryosis	0.2	0.1	1.8	77.1	0.0	20.7	100.0
Moderate dyskaryosis	0.1	0.1	21.7	63.0	-	15.1	100.0
Severe dyskaryosis	-	0.2	39.4	46.7	-	13.7	100.0
Severe dyskaryosis /?invasive carcinoma	-	-	38.1	45.2	-	16.7	100.0
?Glandular neoplasia	-	-	34.2	36.0	0.9	28.9	100.0
No referral test	3.0	0.9	1.6	29.5	1.9	63.1	100.0
Total¹	0.7	0.3	10.3	57.4	0.4	30.9	100.0

Figure 19: Percentage of new patients seen, by referral test result and most significant procedure at first visit



NOTES:

¹ Excludes Chester and Shrewsbury patients

Table 20a: Number of new patients seen, by most significant procedure at first visit and colposcopy clinic

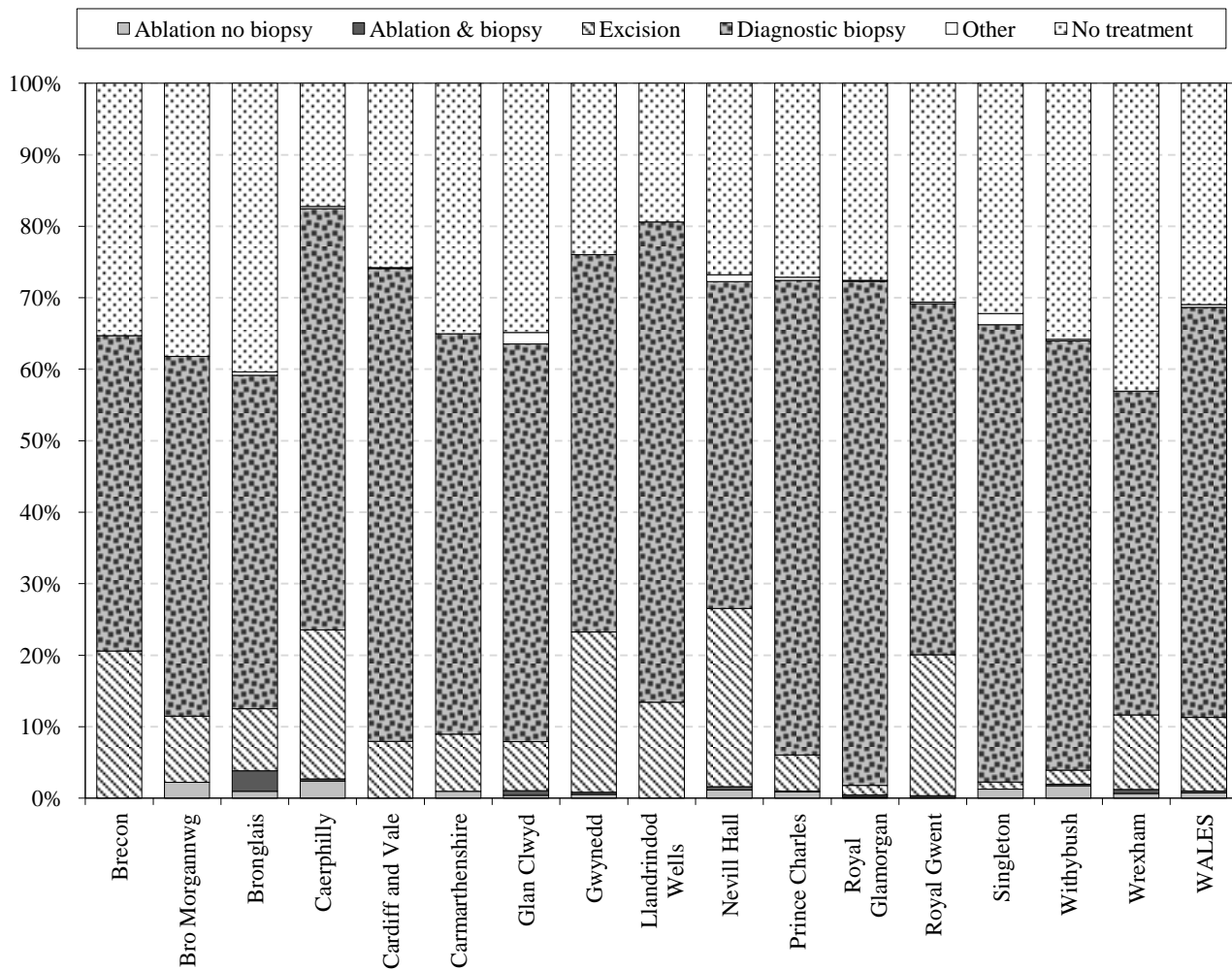
Source: KC65

Colposcopy Clinic	Ablation no biopsy	Ablation & biopsy	Excision	Diagnostic biopsy	Other	No treatment	Total
Brecon	-	-	14	30	-	24	68
Bro Morgannwg	15	-	63	343	-	260	681
Bronglais	2	6	18	97	1	84	208
Caerphilly	8	1	69	195	1	57	331
Cardiff and Vale	-	-	124	1,028	2	401	1,555
Carmarthenshire	5	-	41	288	-	180	514
Glan Clwyd	3	5	52	423	12	265	760
Gwynedd	3	2	132	311	-	141	589
Llandrindod Wells	-	-	9	45	-	13	67
Nevill Hall	5	2	108	198	4	116	433
Prince Charles	6	1	35	460	3	188	693
Royal Glamorgan	1	2	9	468	1	183	664
Royal Gwent	1	3	215	536	2	334	1,091
Singleton	9	-	7	455	11	229	711
Withybush	8	1	9	277	1	165	461
Wrexham	5	4	78	339	-	322	748
WALES	71	27	983	5,493	38	2,962	9,574

Table 20b: Percentage of new patients seen, by most significant procedure at first visit and colposcopy clinic

Colposcopy Clinic	Ablation no biopsy	Ablation & biopsy	Excision	Diagnostic biopsy	Other	No treatment	Total
Brecon	-	-	20.6	44.1	-	35.3	100.0
Bro Morgannwg	2.2	-	9.3	50.4	-	38.2	100.0
Bronglais	1.0	2.9	8.7	46.6	0.5	40.4	100.0
Caerphilly	2.4	0.3	20.8	58.9	0.3	17.2	100.0
Cardiff and Vale	-	-	8.0	66.1	0.1	25.8	100.0
Carmarthenshire	1.0	-	8.0	56.0	-	35.0	100.0
Glan Clwyd	0.4	0.7	6.8	55.7	1.6	34.9	100.0
Gwynedd	0.5	0.3	22.4	52.8	-	23.9	100.0
Llandrindod Wells	-	-	13.4	67.2	-	19.4	100.0
Nevill Hall	1.2	0.5	24.9	45.7	0.9	26.8	100.0
Prince Charles	0.9	0.1	5.1	66.4	0.4	27.1	100.0
Royal Glamorgan	0.2	0.3	1.4	70.5	0.2	27.6	100.0
Royal Gwent	0.1	0.3	19.7	49.1	0.2	30.6	100.0
Singleton	1.3	-	1.0	64.0	1.5	32.2	100.0
Withybush	1.7	0.2	2.0	60.1	0.2	35.8	100.0
Wrexham	0.7	0.5	10.4	45.3	-	43.0	100.0
WALES	0.7	0.3	10.3	57.4	0.4	30.9	100.0

Figure 20: Percentage of new patients seen, by most significant procedure at first visit and colposcopy clinic



NOTES:

¹ Excludes Chester and Shrewsbury patients

Table 21a: Number of new patients seen, by colposcopic opinion and worst outcome of histology

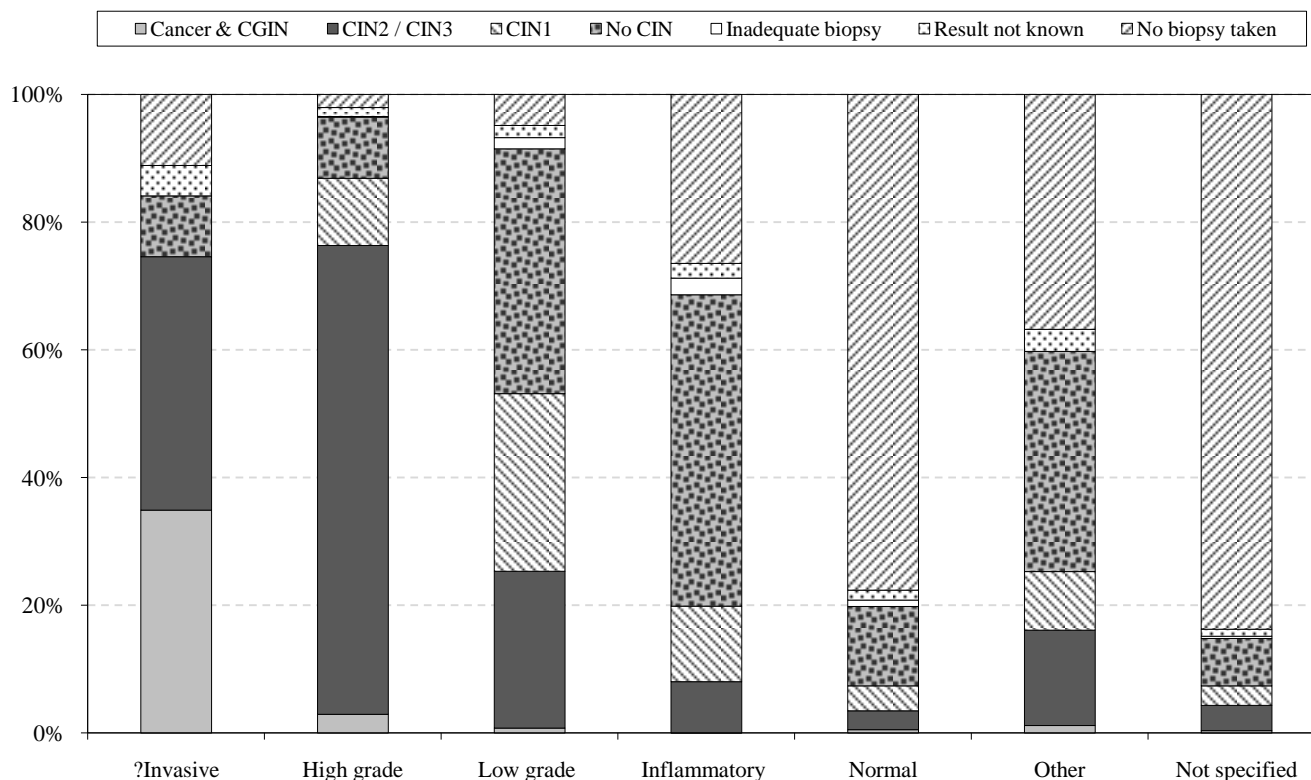
Source: KC65

Colposcopic Opinion	Cancer	CGIN	CIN 3	CIN 2	CIN 1	HPV only	No CIN/ no HPV	Inadequate biopsy	Result not known	Colposcopy NAD - no biopsy taken	Total
?Invasive	18	4	21	4	-	-	6	-	3	7	63
High grade	23	47	1,302	454	251	98	131	3	33	49	2,391
Low grade	5	20	391	408	905	579	667	58	62	157	3,252
Inflammatory	-	1	49	40	133	151	397	29	26	297	1,123
Normal	-	5	15	14	38	38	83	10	15	756	974
Other	-	1	10	3	8	9	21	-	3	32	87
Not specified	2	4	42	21	48	35	83	6	17	1,331	1,589
No assessment	-	-	11	4	4	2	2	-	3	69	95
Total¹	48	82	1,841	948	1,387	912	1,390	106	162	2,698	9,574

Table 21b: Percentage of new patients seen, by colposcopic opinion and worst outcome of histology

Colposcopic Opinion	Cancer	CGIN	CIN 3	CIN 2	CIN 1	HPV only	No CIN/ no HPV	Inadequate biopsy	Result not known	Colposcopy NAD - no biopsy taken	Total
?Invasive	28.6	6.3	33.3	6.3	-	-	9.5	-	4.8	11.1	100.0
High grade	1.0	2.0	54.5	19.0	10.5	4.1	5.5	0.1	1.4	2.0	100.0
Low grade	0.2	0.6	12.0	12.5	27.8	17.8	20.5	1.8	1.9	4.8	100.0
Inflammatory	-	0.1	4.4	3.6	11.8	13.4	35.4	2.6	2.3	26.4	100.0
Normal	-	0.5	1.5	1.4	3.9	3.9	8.5	1.0	1.5	77.6	100.0
Other	-	1.1	11.5	3.4	9.2	10.3	24.1	-	3.4	36.8	100.0
Not specified	0.1	0.3	2.6	1.3	3.0	2.2	5.2	0.4	1.1	83.8	100.0
No assessment	-	-	11.6	4.2	4.2	2.1	2.1	-	3.2	72.6	100.0
Total¹	0.5	0.9	19.2	9.9	14.5	9.5	14.5	1.1	1.7	28.2	100.0

Figure 21: Percentage of new patients seen having colposcopic assessment, by colposcopic opinion and worst outcome of histology



NOTES:

¹ Excludes Chester and Shrewsbury patients

Table 22a: Number of new patients having a biopsy taken, by colposcopy clinic and worst outcome of histology

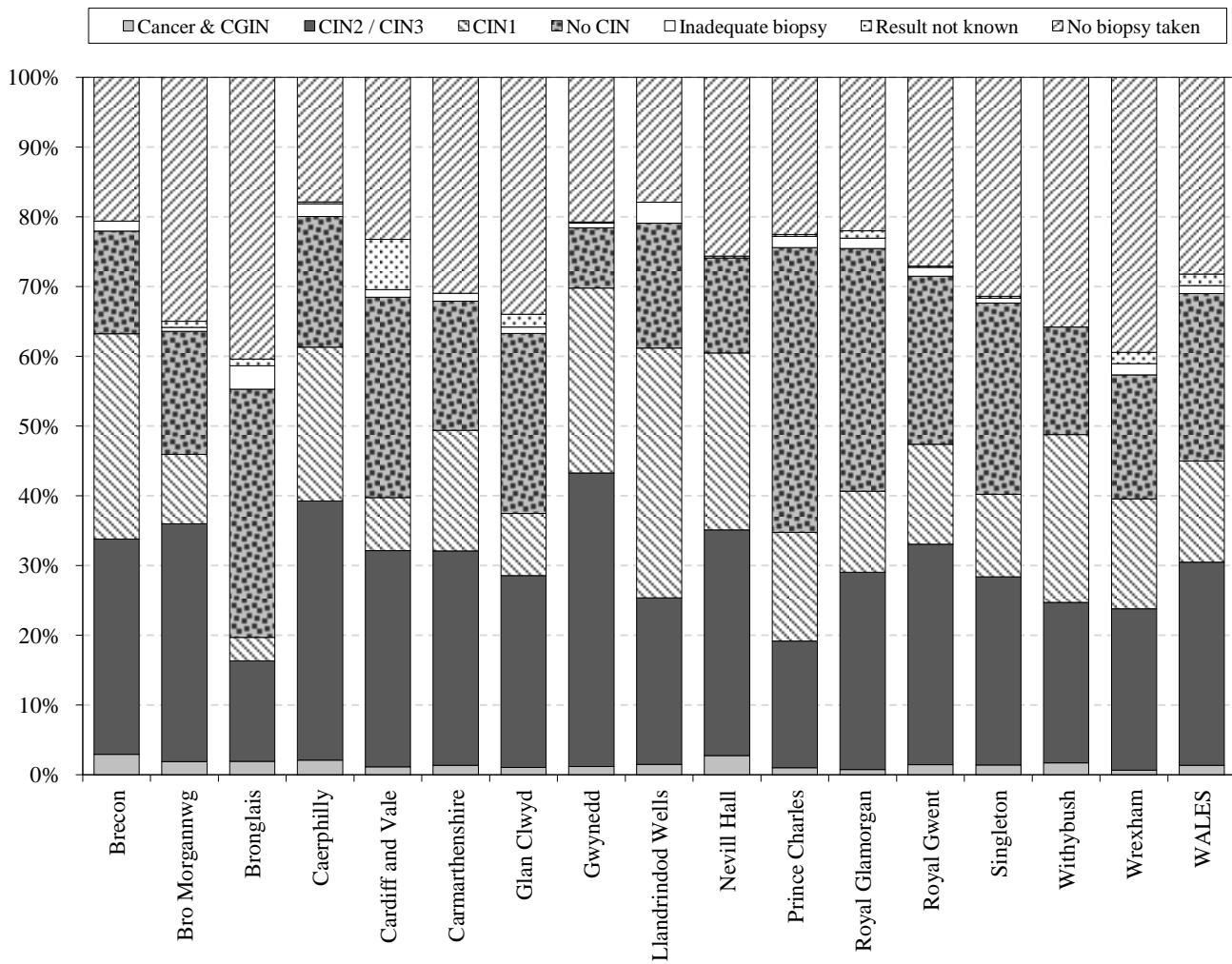
Source: KC65

Colposcopy Clinic	Cancer	CGIN	CIN 3	CIN 2	CIN 1	HPV only	No CIN/ no HPV	Inadequate biopsy	Result	No biopsy taken	Total
									not known		
Brecon	-	2	14	7	20	8	2	1	-	14	68
Bro Morgannwg	6	7	150	82	68	51	69	4	6	238	681
Bronglais	2	2	20	10	7	19	55	7	2	84	208
Caerphilly	3	4	74	49	73	44	18	6	1	59	331
Cardiff and Vale	2	16	387	95	118	211	236	17	112	361	1,555
Carmarthenshire	3	4	93	65	89	54	41	6	-	159	514
Glan Clwyd	2	6	130	79	68	29	167	7	14	258	760
Gwynedd	2	5	188	60	156	4	47	4	1	122	589
Llandrindod Wells	-	1	7	9	24	4	8	2	-	12	67
Nevill Hall	4	8	78	62	110	44	15	-	1	111	433
Prince Charles	6	1	82	44	108	105	178	11	2	156	693
Royal Glamorgan	4	1	129	59	77	88	143	10	7	146	664
Royal Gwent	5	11	235	110	156	120	143	14	2	295	1,091
Singleton	2	8	101	91	84	100	95	5	2	223	711
Withybush	6	2	47	59	111	16	55	-	-	165	461
Wrexham	1	4	106	67	118	15	118	12	12	295	748
WALES	48	82	1,841	948	1,387	912	1,390	106	162	2,698	9,574

Table 22b: Percentage of new patients having a biopsy taken, by colposcopy clinic and worst outcome of histology

Colposcopy Clinic	Cancer	CGIN	CIN 3	CIN 2	CIN 1	HPV only	No CIN/ no HPV	Inadequate biopsy	Result	No biopsy taken	Total
									not known		
Brecon	-	2.9	20.6	10.3	29.4	11.8	2.9	1.5	-	20.6	100.0
Bro Morgannwg	0.9	1.0	22.0	12.0	10.0	7.5	10.1	0.6	0.9	34.9	100.0
Bronglais	1.0	1.0	9.6	4.8	3.4	9.1	26.4	3.4	1.0	40.4	100.0
Caerphilly	0.9	1.2	22.4	14.8	22.1	13.3	5.4	1.8	0.3	17.8	100.0
Cardiff and Vale	0.1	1.0	24.9	6.1	7.6	13.6	15.2	1.1	7.2	23.2	100.0
Carmarthenshire	0.6	0.8	18.1	12.6	17.3	10.5	8.0	1.2	-	30.9	100.0
Glan Clwyd	0.3	0.8	17.1	10.4	8.9	3.8	22.0	0.9	1.8	33.9	100.0
Gwynedd	0.3	0.8	31.9	10.2	26.5	0.7	8.0	0.7	0.2	20.7	100.0
Llandrindod Wells	-	1.5	10.4	13.4	35.8	6.0	11.9	3.0	-	17.9	100.0
Nevill Hall	0.9	1.8	18.0	14.3	25.4	10.2	3.5	-	0.2	25.6	100.0
Prince Charles	0.9	0.1	11.8	6.3	15.6	15.2	25.7	1.6	0.3	22.5	100.0
Royal Glamorgan	0.6	0.2	19.4	8.9	11.6	13.3	21.5	1.5	1.1	22.0	100.0
Royal Gwent	0.5	1.0	21.5	10.1	14.3	11.0	13.1	1.3	0.2	27.0	100.0
Singleton	0.3	1.1	14.2	12.8	11.8	14.1	13.4	0.7	0.3	31.4	100.0
Withybush	1.3	0.4	10.2	12.8	24.1	3.5	11.9	-	-	35.8	100.0
Wrexham	0.1	0.5	14.2	9.0	15.8	2.0	15.8	1.6	1.6	39.4	100.0
WALES	0.5	0.9	19.2	9.9	14.5	9.5	14.5	1.1	1.7	28.2	100.0

Figure 22: Percentage of of new patients having a biopsy taken, by colposcopy clinic and worst outcome of histology



NOTES:

¹ Excludes Chester and Shrewsbury patients

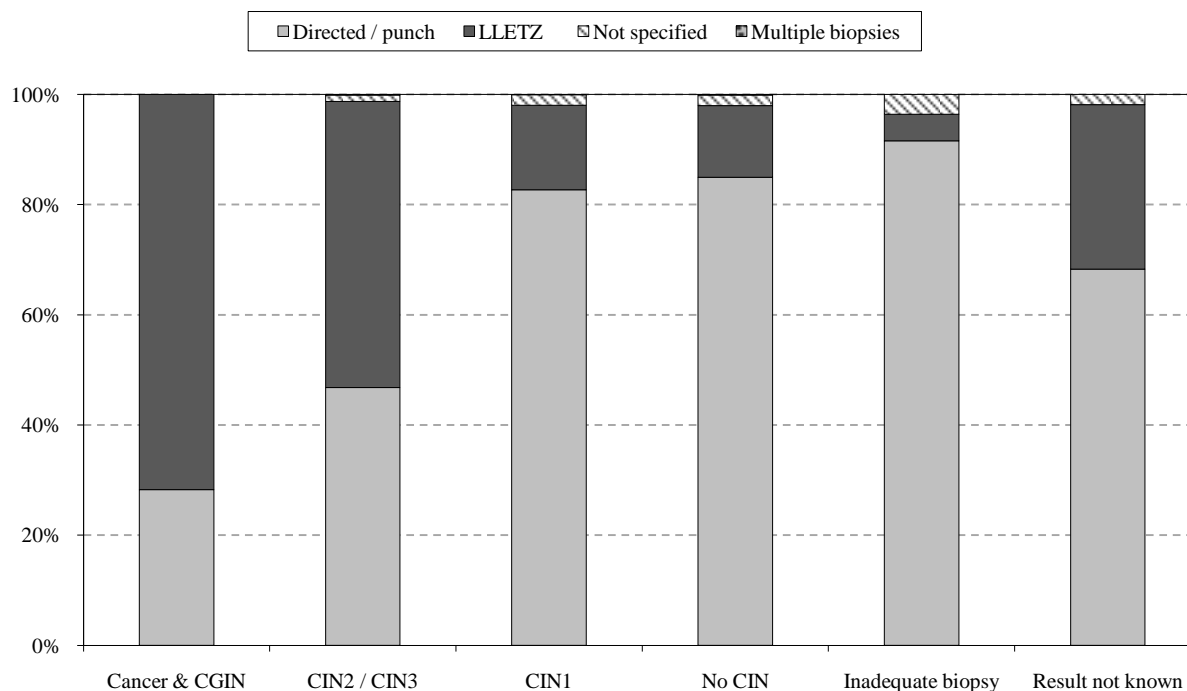
Table 23a: Number of cervical biopsies taken, by type and outcome of histology

Biopsy Type	Cancer	CGIN	CIN 3	CIN 2	CIN 1	HPV only	No CIN/ no HPV	Inadequate biopsy	Result not known	Total
Not specified	-	-	25	26	42	20	55	9	5	182
Directed / punch	18	32	1089	953	1784	1267	2063	229	183	7,618
LLETZ	36	91	1565	698	330	117	393	12	80	3,322
Multiple biopsies	-	-	3	2	1	-	4	-	-	10
Total¹	54	123	2,682	1,679	2,157	1,404	2,515	250	268	11,132

Table 23b: Percentage of cervical biopsies taken, by type and outcome of histology

Biopsy Type	Cancer	CGIN	CIN 3	CIN 2	CIN 1	HPV only	No CIN/ no HPV	Inadequate biopsy	Result not known	Total
Not specified	-	-	13.7	14.3	23.1	11.0	30.2	4.9	2.7	100.0
Directed / punch	0.2	0.4	14.3	12.5	23.4	16.6	27.1	3.0	2.4	100.0
LLETZ	1.1	2.7	47.1	21.0	9.9	3.5	11.8	0.4	2.4	100.0
Multiple biopsies	-	-	30.0	20.0	10.0	-	40.0	-	-	100.0
Total¹	0.5	1.1	24.1	15.1	19.4	12.6	22.6	2.2	2.4	100.0

Figure 23: Percentage of cervical biopsies taken, by type and outcome of histology



NOTES:

¹ Excludes Chester and Shrewsbury patients

Table 24a: Correlation of outcome from an initial punch biopsy with a subsequent LLETZ (numbers)¹

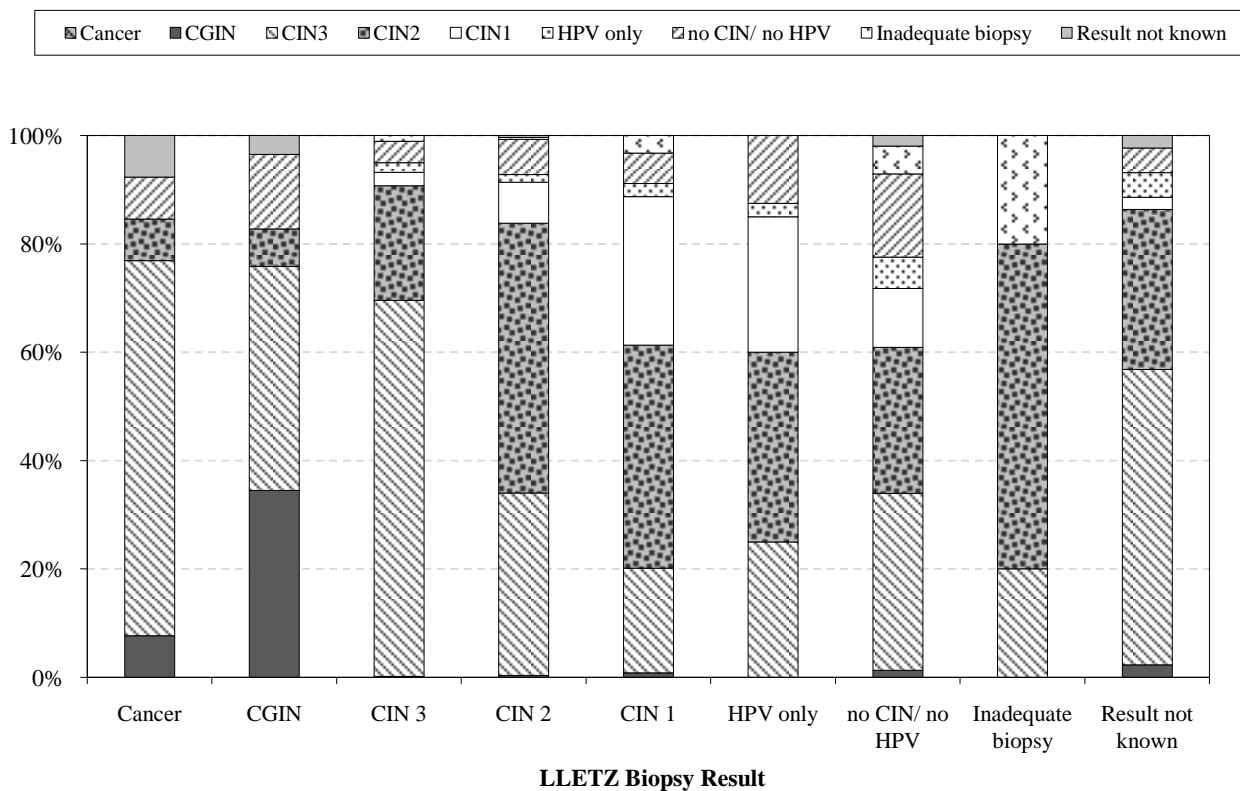
Source: KC65

Outcome of initial punch biopsy	Cancer	CGIN	CIN 3	CIN 2	CIN 1	HPV only	No CIN / no HPV	Inadequate biopsy	Result not known	Total
Cancer	-	-	1	-	-	-	-	-	-	1
CGIN	1	10	-	1	1	-	2	-	1	16
CIN3	9	12	390	98	24	10	51	1	24	619
CIN2	1	2	119	145	51	14	42	3	13	390
CIN1	-	-	14	22	34	10	17	-	1	98
HPV only	-	-	10	4	3	1	9	-	2	29
no CIN/no HPV	1	4	22	19	7	5	24	-	2	84
Inadequate	-	-	6	1	4	-	8	1	-	20
Unknown	1	1	-	1	-	-	3	-	1	7
Total²	13	29	562	291	124	40	156	5	44	1,264

Table 24b: Correlation of outcome from an initial punch biopsy with a subsequent LLETZ (percentages)¹

Outcome of initial punch biopsy	Cancer	CGIN	CIN 3	CIN 2	CIN 1	HPV only	No CIN / no HPV	Inadequate biopsy	Result not known	Total
Cancer	-	-	100.0	-	-	-	-	-	-	100.0
CGIN	6.3	62.5	-	6.3	6.3	-	12.5	-	6.3	100.0
CIN3	1.5	1.9	63.0	15.8	3.9	1.6	8.2	0.2	3.9	100.0
CIN2	0.3	0.5	30.5	37.2	13.1	3.6	10.8	0.8	3.3	100.0
CIN1	-	-	14.3	22.4	34.7	10.2	17.3	-	1.0	100.0
HPV only	-	-	34.5	13.8	10.3	3.4	31.0	-	6.9	100.0
no CIN/no HPV	1.2	4.8	26.2	22.6	8.3	6.0	28.6	-	2.4	100.0
Inadequate	-	-	30.0	5.0	20.0	-	40.0	5.0	-	100.0
Unknown	14.3	14.3	-	14.3	-	-	42.9	-	14.3	100.0
Total²	1.0	2.3	44.5	23.0	9.8	3.2	12.3	0.4	3.5	100.0

Figure 24: Correlation of outcome from an initial punch biopsy with a subsequent LLETZ¹



NOTES:

¹ Where LLETZ biopsy is taken within three months of the initial punch biopsy being taken

² Excludes Chester and Shrewsbury patients