

**Breast Screening Programme**

**Wales**

**2008-09**

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## **Definitions**

1.1 **Coverage** is the proportion of women resident and eligible\* at a particular point in time (31<sup>st</sup> March 2009 in this instance) who have been screened at least once in the previous 3 years. Currently coverage is best assessed using the 53-64 age group as women may be called at any time between their 50<sup>th</sup> and 53<sup>rd</sup> birthdays. The minimum coverage standard is 70% of eligible women are screened within the previous 3 years.

**Individual Local Health Board coverage results are prone to fluctuation depending on whether the programme is screening an area at the time of reporting. This is due to the reporting timeframe (a yearly snapshot) not sitting comfortably with the three-year screening round.**

\* Excluding those ineligible i.e. those who have had a bilateral mastectomy.

1.2 **Uptake** is the proportion of women routinely invited for screening for whom a screening test result is recorded within the same invitation episode. Uptake is an important measure of the acceptability of a screening programme. The official uptake calculation does not include those invited for an early recall appointment. The minimum uptake standard is 70% of invited women attending for screening, while the target is 80%.

1.3 **Prevalent round** screening is that of women being screened for the first time within the breast screening programme. This includes first invitations for routine screening and routine invitations to previous non-attendees who have never attended for screening.

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

1.5 **Early recall** is a non-routine invitation at less than the standard screening interval.

1.6 **Non-invasive cancer** is contained within the ducts or lobules of the breast architecture and has not spread to the surrounding tissue.

1.7 **Micro-invasive cancer** is a lesion that has minimally (less than 1mm) invaded the surrounding breast tissue.

1.8 **Invasive cancer** is a lesion that has spread beyond the layer of tissue in which it developed and is growing into surrounding, healthy tissue.

1.9 The extension to the breast screening programme for routine invitations to women aged 65-70 commenced in early 2006. The data includes some women aged 45-49. These will be women aged 49 who have been called for their first routine screen a few months before their 50<sup>th</sup> birthday.

The English breast screening programme announced in December 2007 that the invitation age range would be further extended to cover the 47-73 group, with a guarantee that women would have their first screen before the age of 50. There are currently no plans to adopt such an invitation policy in Wales, nor in other parts of the UK.

## **Summary**

2.1 Women between the ages of 50 and 70 are invited for regular breast screening (every three years) under a national programme. This is intended to detect breast cancer at an early stage.

### **2.2 At 31<sup>st</sup> March 2009**

Among women aged 53-64:

- Just under three quarters (73.7%) of the resident and eligible population (coverage) had been screened at least once in the previous three years, a slight decrease compared to last year (75.1%).
- In 18 of the 22 Local Health Boards the coverage was 70% or higher.

Among women aged 53-70:

- Just under three quarters (72.9%) had been screened at least once in the previous three years (up slightly from 72.4% last year).
- As invitation up to 70 has not yet completed a full three-year round, coverage is not shown by Local Health Board.
- Coverage among those women 65-70 (in the extended part of the programme) has now reached 70.8%, an increase of 5.2 percentage points from 31<sup>st</sup> March 2008 as the programme continues to be rolled out.

### **2.3 2008-09**

- 136,138 women (aged 45 and over) were invited for screening, an increase of 1.9% over last year and 49.4% compared to ten years ago.
- 106,867 women (aged 45 and over) were screened within the programme, an increase of 3.7% over 2007-08. The last ten years have seen the programme grow by 37.7% from just under 78,000 in 1998-99.
- There were 992 cases of cancer diagnosed in women aged 45 and over, an increase of 3.5% over the previous year (958) and nearly double the number in 1998-99 (508).
- Of all cancers diagnosed, 763 (76.9%) were invasive and of these 407 (53.3%) were 15mm or less which could not have been detected by hand.

#### **2.4 Among women aged 50-64**

- 103,549 women were offered an appointment for screening in 2008-09. Of these 75.7% were screened, an increase of 2.3 percentage points compared to last year. This percentage includes routinely invited, early recall and self/GP referral women.
- There were 8.4 cancers detected per 1000 women screened. This has fluctuated between 7.3 and 8.4 over the past five years.

#### **2.5 Among women aged 50-70**

- 132,954 women were offered an appointment for screening in 2008-09. Of these, 75.3% were screened, an increase of 2.5 percentage points compared to last year. This percentage includes routinely invited, early recall and self/GP referral women.
- There were 9.1 cancers detected per 1000 women screened.

2.6 Previously only women aged 50-64 were eligible to be invited as part of the NHS Breast Screening Programme. However, Breast Test Wales began inviting women aged 65-70 in early 2006. All units are now inviting women aged 50-70. This bulletin, where appropriate, will present data for women in both the 50-64 and 50-70 age groups.

## **Introduction**

### **Breast screening – a general overview**

3.1 Information on the NHS Breast Screening Programme is collected on the following returns:

- KC62 – information on the process and outcomes of the call and recall system, collected from all breast screening units.
- KC63 – information on the population coverage of the programme, collected from all Cervical Screening Administration Departments (who have access to the Welsh resident data required to produce the KC63).

Data have been collected annually since 1989-90 on the KC62 and since 1994-95 on the KC63.

3.2 National policy for the screening programme is that eligible women aged 50-70 are invited for screening every 3 years. Because the programme is a rolling one which invites women from GP practices (or geographical areas) in a three year cycle, not every woman will receive an invitation as soon as she is 50. However, every woman should receive her first invitation before her 53rd birthday. Women who are over the upper age limit for routine invitations for breast screening are encouraged to make their own appointments at three yearly intervals.

3.3 Previously only women aged 50-64 were eligible to be invited as part of the NHS Breast Screening Programme. The three Breast Test Wales units began inviting women aged 65-70 in early 2006.

Future bulletins, where appropriate, will present data for both the 50-64 and 50-70 age groups.

## **Analysis and Commentary**

### **4.1 Overview (Table 1)**

4.1.1 103,481 women aged 50-64 were invited for screening in 2008-09 (excluding early recall invites). In the past decade there has been a 19% increase in the number of women in this age range invited and a 14% increase in the number screened. Uptake (see 'Definitions') for this age group was 74.5% in 2008-09.

4.1.2 By early 2006 the breast screening programme was extended to include routine invitations to women aged 65-70. In 2008-09 132,862 women aged 50-70 were invited for screening (excluding early recall invites). Uptake for this age group was 73.9% in 2008-09 compared with 75.6% in 2004-05 at which time very few women aged 65-70 were invited.

4.1.3 In 2008-09 cancer was detected through the screening programme in 656 women aged 50-64. This is a rate of 8.4 cancers per 1000 women screened. This has gradually increased since 1998-99 when the rate was 6.2. In women aged 50-70 cancer was detected through the screening programme in 910 women; a rate of 9.1 per 1000 screened.

### **4.2 Coverage (Tables 2 & 11)**

#### **4.2.1 Coverage among women aged 53-64**

- Nationally the reported coverage was 73.7% at 31<sup>st</sup> March 2009. (*Figure 1*)
- 18 of the 22 Local Health Boards reported coverage above 70%. Monmouthshire reported the highest coverage with 80.3%. (*Figure 2*)
- Coverage at Local Health Board level is subject to yearly fluctuation and is sensitive to the screening plan and when the coverage report (KC63) is run.

Figure 1: Percentage coverage ages 53-64, 53-70, 65-70

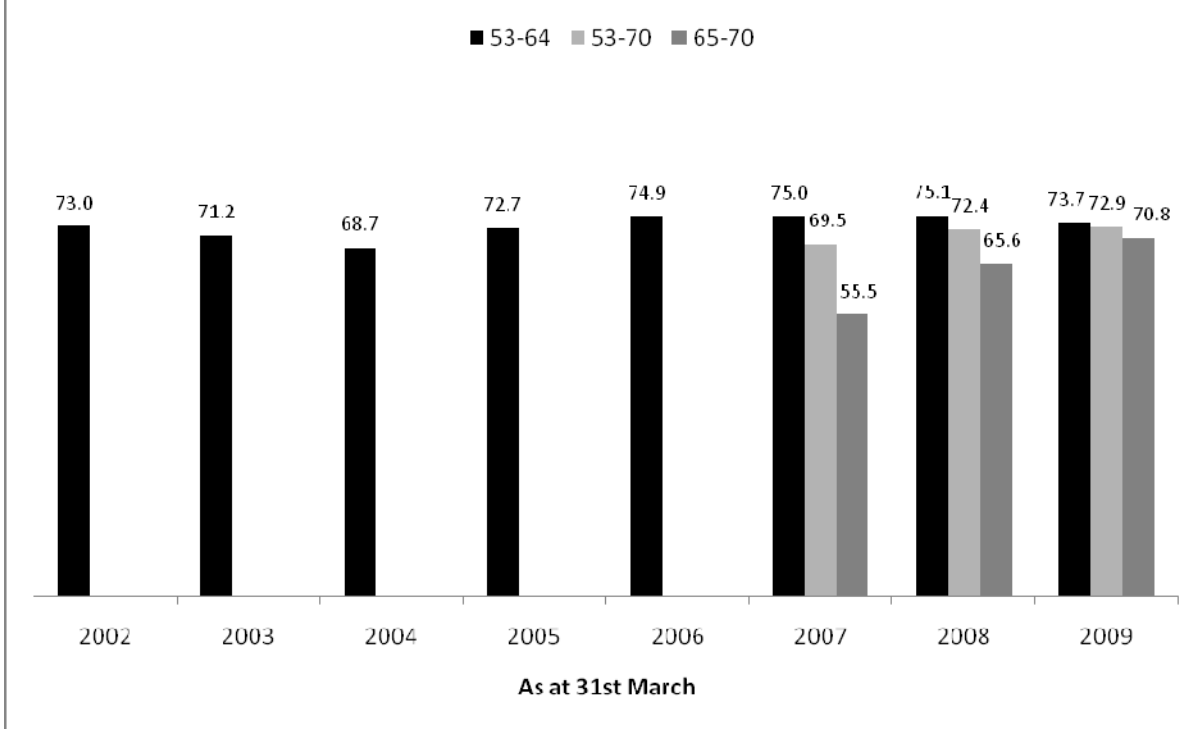
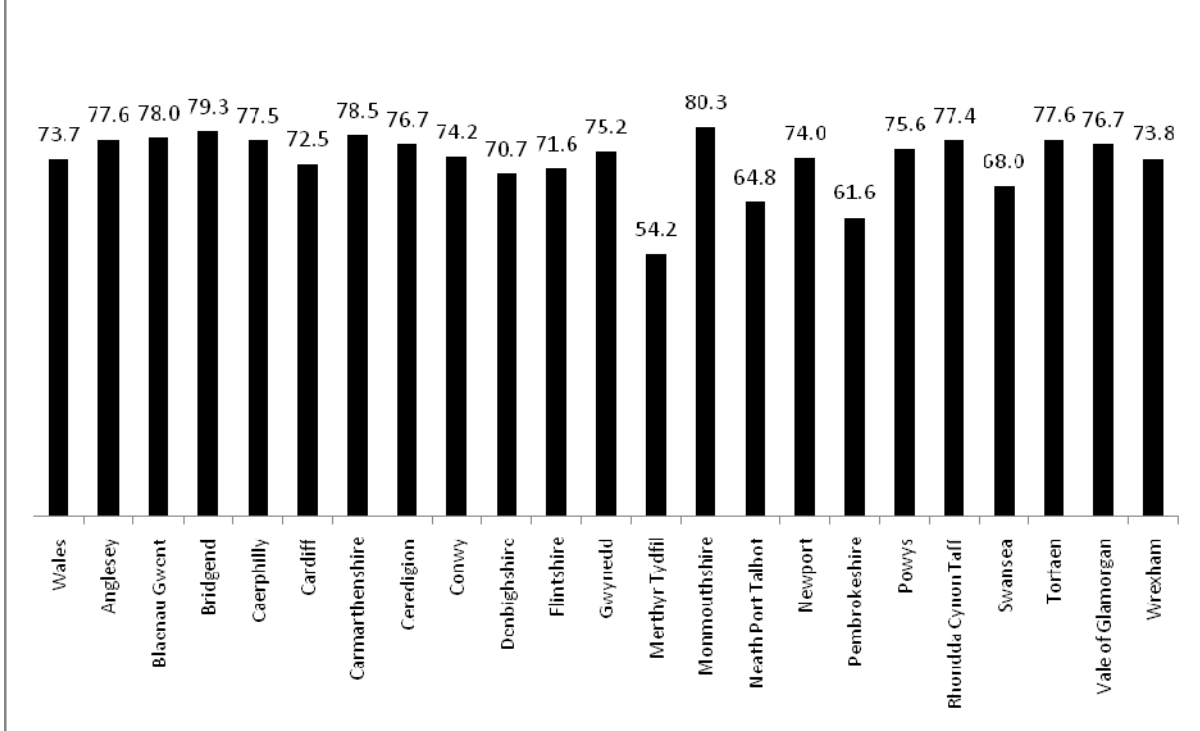


Figure 2: Percentage coverage aged 53-64 by LHB, as at 31st March 2009



#### 4.2.2 Coverage among women aged 53-70

- As screening to age 70 was introduced in Wales in early 2006, this age band will be reported from 2009/10.

### 4.3 Uptake of Invitations for Screening (*Tables 3, 4, 5, 12*)

#### 4.3.1 Invitations among women aged 50-64

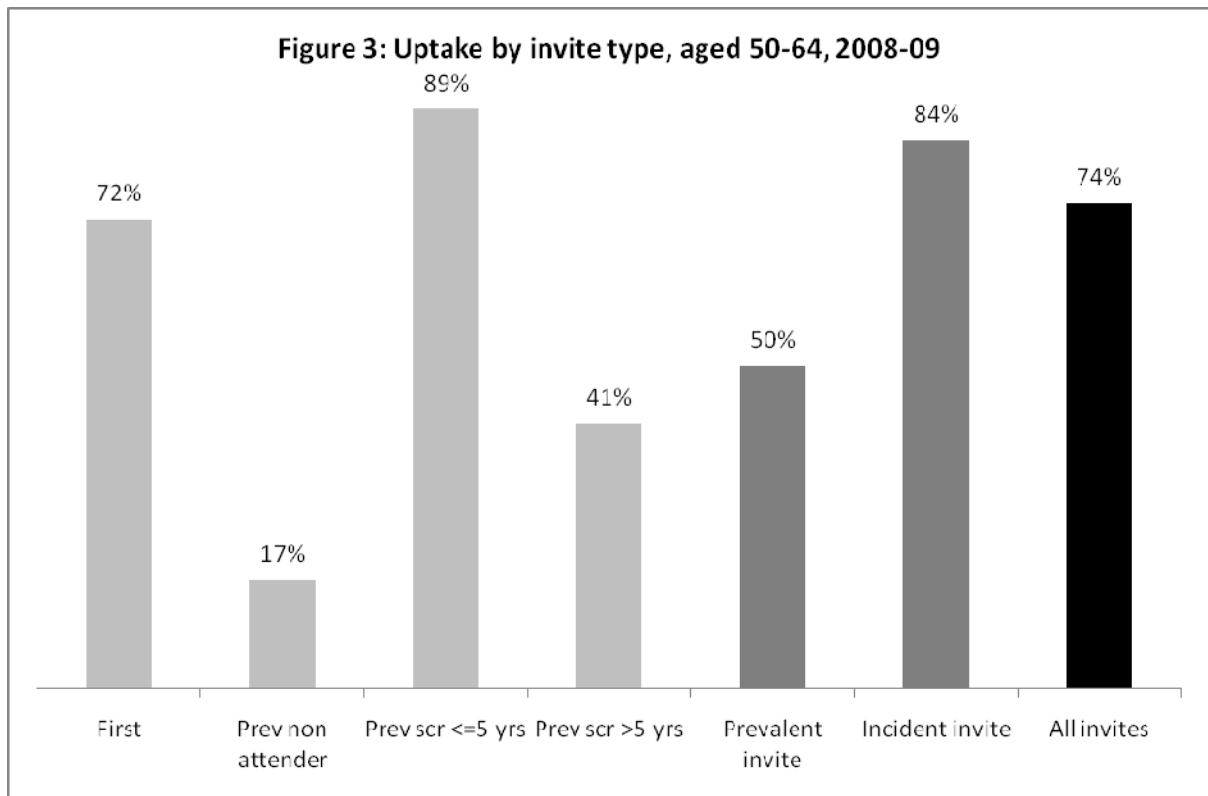
In 2008-09 over 103,000 women aged 50-64 were invited for screening. This can be shown by invitation type:

- First ever invitations accounted for 16.7%.
- Second or subsequent invitations to women who had not previously attended screening accounted for 11.3%.
- Routine recalls accounted for 64.8% (for women last screened within 5 years).
- Previously screened but more than 5 years ago accounted for 7.2%.

#### 4.3.2 Uptake among women aged 50-64

Uptake rates varied considerably according to the type of invitation (*Figure 3*):

- 72% of women receiving their first invitation were screened.
- 89% of women who had previously been screened and received a routine invitation were screened.
- 17% of women who received a routine invitation, having failed to respond to a previous invitation, were screened.



#### 4.3.3 Invitations among women aged 50-70

In 2008-09 nearly 133,000 women aged 50-70 were invited for screening. This can be shown by invitation type:

- First ever invitations accounted for 13.1%.
- Second or subsequent invitations to women who had not previously attended screening accounted for 10.6%.
- Routine recalls accounted for 64.8% (for women last screened within 5 years).
- Previously screened but more than 5 years ago accounted for 11.5%.

#### 4.3.4 Uptake among women aged 50-70

Of the three screening units in Wales, all recorded rates between 70% and 80%.

Uptake rates varied considerably according to the type of invitation:

- 71% of women receiving their first invitation were screened.

- 89% of women who had previously been screened and received a routine invitation were screened.
- 14% of women who received a routine invitation, having failed to respond to a previous invitation, were screened.

#### **4.4 Outcome of Screening (*Tables 5, 6 & 7*)**

4.4.1 Nearly 107,000 women (aged 45 and over) were screened in 2008-09; just under three quarters of these were aged 50-64. Of the total number screened, 2% were aged between 45 and 49, 20% were aged 65 to 70 and 4% were aged over 70 (includes both those invited and self/GP referrals).

4.4.2 Self/GP referrals (aged 45 and over) accounted for 6362 women screened, an increase of 8.6% over last year. 69% of these were women aged over 70, compared with 66% last year. There is a continuing decrease in self referrals amongst women aged 65-70 since the extension of the programme to include invitations to this age group. Three years ago these women accounted for 47% of self/GP referrals; last year this figure was 13% and it has continued to fall to just 10% in 2008-09.

4.4.3 Women of all ages attending following their first invite were more than twice as likely to be referred for assessment as those who had been previously screened (within the last five years). However, compared to last year the percentage of first screens referred has dropped from 9.6% to 8.4% in 2008-09.

4.4.4 Of all women referred for assessment (aged 45 and over) 37% underwent cytology and/or core biopsy and just over 1 in 40 were referred for open biopsy (2.3%).

#### **4.5 Cancers detected (Tables 8, 9 & 10)**

Due to the programme expansion, data for 65-70 and 50-70 prior to 2006-07 is not applicable.

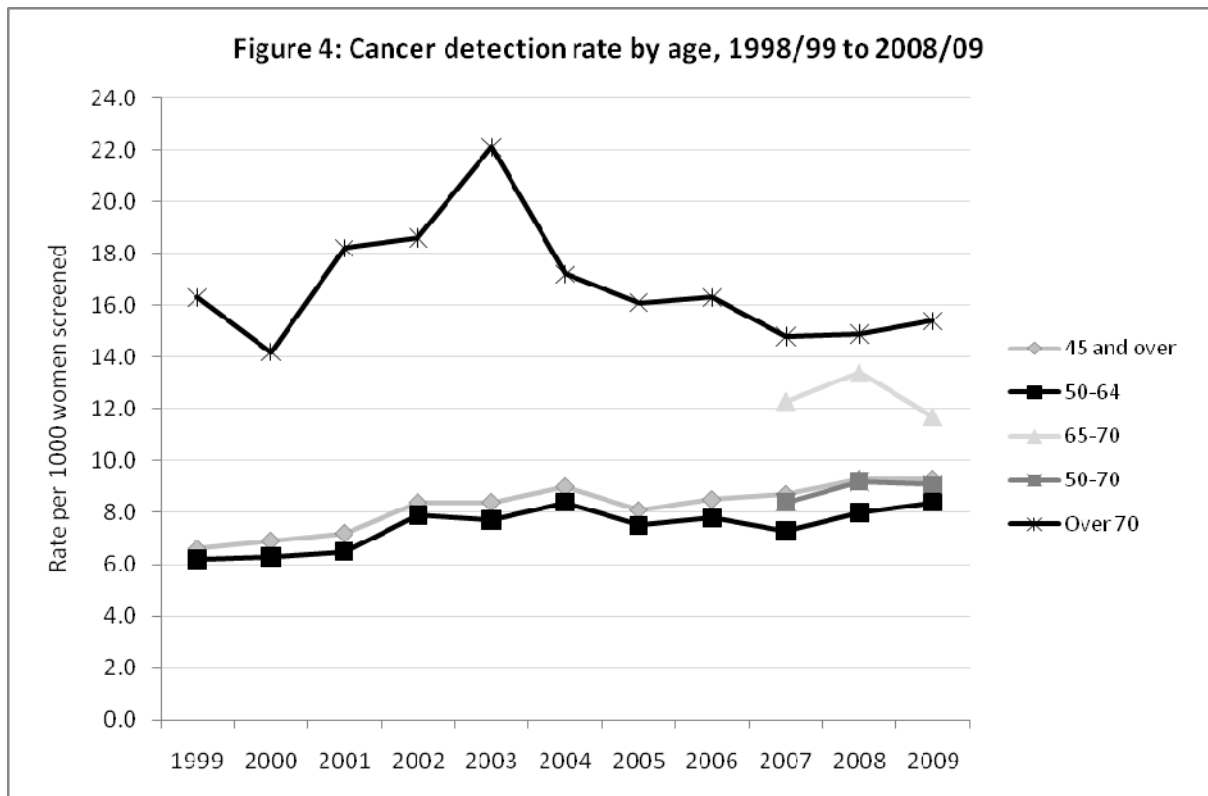
4.5.1 A total of 992 cancers from women aged 45 and over were detected by the screening programme in 2008-09, a rate of 9.3 per 1000 screened. This is the same rate as last year. In the prevalent round the rate of cancers detected was 9.1 per 1000 screened, while the incident round rate was 8.9 per 1000.

4.5.2 In the last five years the number of cancers detected by the screening programme in the extended age group (65-70) has more than doubled to 254 in 2008-09. This reflects the increasing number of women being screened in this age group.

4.5.3 Of all the cancers detected in women aged 45 and over 229 (23%) were non-invasive or micro-invasive and a further 407 (41%) were invasive but small (less than 15mm).

4.5.4 In women aged 50-64 the proportion of non-invasive and micro-invasive cancers was comparable in the prevalent round (23%) and incident round (25%). Small cancers accounted for 47% of all invasive cancers found in the prevalent round but composed a greater proportion (54%) in the incident round.

4.5.5 It is known that the incidence of breast cancer rises with age and this pattern was observed with cancers detected by the screening programme. The cancer detection rate in 2008-09 was 8.4 per 1000 screened for women aged 50-64 and 9.1 per 1000 aged 50-70. Detection rates were greatest amongst women aged over 70 at 15.4 per 1000 screened. (Figure 4)



4.5.6 As expected, the cancer detection rate was lowest in the incident round for women who regularly attend screening, while highest in those who had been placed on early recall in the previous screening episode. (Table A)

**Table A: Cancer detection rate per 1000 women screened, by age and invitation type, 2008-09**

	Type of invitation	45 & over	50-64	50-70	45-49	50-54	55-59	60-64	65-70	Over 70
	Total	9.3	8.4	9.1	5.9	6.6	8.1	10.3	11.7	15.4
Prevalent Round	First invite for screening	8.5	9.0	9.0	5.9	9.1	(0.0)	(0.0)	(0.0)	(0.0)
	Routine invite to previous non-attender	13.2	12.8	13.2	(0.0)	4.3	22.0	(35.7)	(21.5)	(0.0)
Incident Round	Routine invite to previous attender (last screen within 5yrs)	8.3	7.7	8.3	(0.0)	4.2	7.4	9.5	10.4	(38.5)
	Routine invite to previous attender (last screen more than 5yrs previously)	15.1	14.3	15.1	(0.0)	(0.0)	14.3	15.2	15.7	(0.0)
	Early recall	30.0	(0.0)	(21.7)	(0.0)	(0.0)	(0.0)	(0.0)	(83.3)	(125.0)
Self/GP Referrals	Self/GP referral, no previous screen	29.5	27.3	25.5	(0.0)	11.9	(36.6)	(72.5)	(0.0)	(48.5)
	Self/GP referral, previous screen within 5yrs	11.7	6.4	8.1	(0.0)	(0.0)	2.9	15.7	10.8	13.0
	Self/GP referral, previous screen more than 5yrs previously	20.0	(8.0)	22.6	(0.0)	(0.0)	(0.0)	(15.2)	(35.7)	19.3

(Rates shown in brackets are based on fewer than 200 women screened)

#### **4.6 Selected diagnostic and outcome statistics (*Tables 13 & 14*)**

4.6.1 Data are presented giving information about the diagnostic process and outcomes of each local screening unit. The units vary in size with the smallest screening just over 24,500 women per year (all ages) and the largest just under 54,500. Among the 50-64 age group numbers screened ranged from nearly 18,000 per year for the smallest unit to just over 40,500 for the largest. For the 50-70 age group the number screened ranged from nearly 23,000 to over 51,000.

4.6.2 The prevalent round accounts for only 18% of women aged 50-64 screened (*Table 6*) and only 14% of women aged 50-70. Rates for smaller units, particularly for the prevalent round, are often based on small numbers. Such rates may be subject to considerable fluctuation from year to year and caution should be exercised in interpreting some of the data.

## **Further Information**

### 5.1 Headquarters:

Breast Test Wales  
18 Cathedral Road  
Cardiff  
CF11 9LJ

Tel: 029-2078-7811

### 5.2 Website: [www.screeningservices.org/btw](http://www.screeningservices.org/btw)

### 5.3 Copies of all previous bulletins and reports can be found at: [www.screeningservices.org/btw/reports/reports.asp](http://www.screeningservices.org/btw/reports/reports.asp)

### 5.4 General media enquiries:

Head of Communications  
Public Health Wales NHS Trust  
1 Charnwood Court  
Parc Nantgarw  
Cardiff  
CF15 7QZ

Tel: 01443-824176

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**Table 1: Summary statistics on breast cancer & Breast Test Wales, 1999 to 2009**

Wales												
	units	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>Breast Screening programme data</b>												
<b>Coverage <sup>(1)</sup></b>												
Women aged 53-64	%	..	..	..	73.0	71.2	68.7	72.7	74.9	75.0	75.1	73.7
Women aged 65-70*	%	..	..	..	..	..	..	..	..	55.5	65.6	70.8
Women aged 53-70*	%	..	..	..	..	..	..	..	..	69.5	72.4	72.9
Women aged 50-64	%	70.6	70.9	69.9	67.6	65.6	63.4	67.6	70.0	69.6	69.5	68.4
<b>Uptake <sup>(2)</sup></b>												
Women aged 50-64	%	77.3	77.4	77.1	77.6	77.6	76.9	75.9	75.0	75.0	73.4	74.5
Women aged 65-70	%	..	..	..	..	..	..	..	64.9	72.8	70.7	71.8
Women aged 50-70	%	..	..	..	..	..	..	..	74.1	74.5	72.8	73.9
<b>Invitations and outcomes <sup>(3)</sup></b>												
Women invited (50-64)	thousands	87.3	85.4	85.4	79.7	85.3	86.1	91.2	106.9	89.7	101.7	103.5
Women invited (65-70)	thousands	..	..	..	..	..	..	..	10.1	26.0	28.2	29.4
Women invited (50-70)	thousands	..	..	..	..	..	..	..	117.0	115.7	129.8	133.0
Women invited (45 and over)	thousands	91.0	89.0	89.4	83.1	89.3	95.2	100.1	120.5	118.9	133.6	136.1

**Table 1: Summary statistics on breast cancer & Breast Test Wales, 1999 to 2009 (continued)**

	units	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Women screened (50-64)	thousands	<b>69.0</b>	<b>67.4</b>	<b>67.4</b>	<b>63.2</b>	<b>67.6</b>	<b>67.5</b>	<b>70.9</b>	<b>81.8</b>	<b>68.7</b>	<b>75.8</b>	<b>78.4</b>
Women screened (65-70)	thousands	..	..	..	..	..	<b>9.1</b>	<b>8.3</b>	<b>11.4</b>	<b>20.0</b>	<b>20.7</b>	<b>21.8</b>
Women screened (50-70)	thousands	..	..	..	..	..	<b>76.5</b>	<b>79.2</b>	<b>93.2</b>	<b>88.7</b>	<b>96.5</b>	<b>100.2</b>
Women screened (45 and over)	thousands	<b>77.6</b>	<b>77.2</b>	<b>77.1</b>	<b>72.7</b>	<b>78.4</b>	<b>82.2</b>	<b>84.4</b>	<b>99.5</b>	<b>95.3</b>	<b>103.0</b>	<b>106.9</b>
Women referred for assessment (50-64)	thousands	<b>3.2</b>	<b>3.0</b>	<b>3.3</b>	<b>3.4</b>	<b>3.3</b>	<b>3.6</b>	<b>3.6</b>	<b>3.7</b>	<b>3.3</b>	<b>3.8</b>	<b>3.8</b>
Women referred for assessment (65-70)	thousands	..	..	..	..	..	<b>0.4</b>	<b>0.4</b>	<b>0.5</b>	<b>0.9</b>	<b>1.0</b>	<b>0.9</b>
Women referred for assessment (50-70)	thousands	..	..	..	..	..	<b>4.0</b>	<b>3.9</b>	<b>4.2</b>	<b>4.1</b>	<b>4.8</b>	<b>4.7</b>
Women referred for assessment (45 and over)	thousands	<b>3.9</b>	<b>3.5</b>	<b>3.9</b>	<b>3.9</b>	<b>3.9</b>	<b>4.3</b>	<b>4.2</b>	<b>4.6</b>	<b>4.6</b>	<b>5.3</b>	<b>5.1</b>
Women with cancer detected (50-64)	thousands	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.5</b>	<b>0.5</b>	<b>0.6</b>	<b>0.5</b>	<b>0.6</b>	<b>0.5</b>	<b>0.6</b>	<b>0.7</b>
Women with cancer detected (65-70)	thousands	..	..	..	..	..	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>	<b>0.3</b>	<b>0.3</b>
Women with cancer detected (50-70)	thousands	..	..	..	..	..	<b>0.7</b>	<b>0.6</b>	<b>0.8</b>	<b>0.7</b>	<b>0.9</b>	<b>0.9</b>
Women with cancer detected (45 and over)	thousands	<b>0.5</b>	<b>0.5</b>	<b>0.6</b>	<b>0.6</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.8</b>	<b>0.8</b>	<b>1.0</b>	<b>1.0</b>
Cancers detected per 1,000 women screened (50-64)	rate	<b>6.2</b>	<b>6.3</b>	<b>6.5</b>	<b>7.9</b>	<b>7.7</b>	<b>8.4</b>	<b>7.5</b>	<b>7.8</b>	<b>7.3</b>	<b>8.0</b>	<b>8.4</b>
Cancers detected per 1,000 women screened (65-70)	rate	..	..	..	..	..	<b>12.4</b>	<b>11.4</b>	<b>11.5</b>	<b>12.3</b>	<b>13.4</b>	<b>11.7</b>
Cancers detected per 1,000 women screened (50-70)	rate	..	..	..	..	..	<b>8.8</b>	<b>7.9</b>	<b>8.2</b>	<b>8.4</b>	<b>9.2</b>	<b>9.1</b>
Cancers detected per 1,000 women screened (45 and over)	rate	<b>6.6</b>	<b>6.9</b>	<b>7.2</b>	<b>8.4</b>	<b>8.4</b>	<b>9.0</b>	<b>8.1</b>	<b>8.5</b>	<b>8.7</b>	<b>9.3</b>	<b>9.3</b>
<b>Breast Cancer registration data <sup>(4)</sup></b>												
Registrations in women aged 50-64	<i>thousands</i>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.9</b>	<b>0.9</b>	<b>0.8</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	..
Registrations in women of all ages	<i>thousands</i>	<b>2.2</b>	<b>2.1</b>	<b>2.1</b>	<b>2.3</b>	<b>2.4</b>	<b>2.4</b>	<b>2.4</b>	<b>2.4</b>	<b>2.5</b>	<b>2.6</b>	..
Registrations per 100,000 popn (50-64)	rate	..	..	..	..	..	..	..	..	..	..	..
Registrations per 100,000 popn (all ages)	rate	<b>120</b>	<b>114</b>	<b>114</b>	<b>122</b>	<b>122</b>	<b>121</b>	<b>122</b>	<b>124</b>	<b>123</b>	<b>128</b>	..

**Table 1: Summary statistics on breast cancer & Breast Test Wales, 1999 to 2009 (continued)**

	units	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>Breast Cancer mortality data <sup>(5)</sup> Wales</b>												
Deaths (50-64)	thousands	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	..
Deaths (50-70)	thousands	..	..	..	..	..	..	..	..	..	..	..
Deaths (all ages)	thousands	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	..
Deaths per 100,000 popn (50-64)	rate	..	..	..	..	..	..	..	..	..	..	..
Deaths per 100,000 popn (50-70)	rate	..	..	..	..	..	..	..	..	..	..	..
Deaths per 100,000 popn (all ages)	rate	33	34	31	30	30	28	28	29	27	25	..

\* Breast Test Wales began inviting all women aged 65-70 in early 2006. Figures reflect this change over the previous 3 years, not a complete round until March 2010.  
For screening invitations, screened, etc, years are screening years, e.g. 1999 = 1998/99

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

(2) Source: Form KC62, (Part 1, Tables A, B, C1 & C2); Data are for 12 months ending 31 March

(3) Source: Form KC62, (Parts 1, 2 & 3, Tables A - F2); Data are for 12 months ending 31 March

(4) Source: Welsh Cancer Intelligence & Surveillance Unit - 'Cancer in Wales, 1992-2006: A Comprehensive Report'

'WCISU Annual Publication No. SA9/01: Cancer Incidence in Wales 2003-2007'

'WCISU Annual Publication No. SA10/01: Cancer Incidence in Wales 2004-2008'

(5) Welsh Cancer Intelligence and Surveillance Unit; data are registrations for years commencing 1 January

Rates for all ages are Directly Age Standardised Rates using the European Standard Population (DAS(E))

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**Table 2a: Test status & coverage of women by age band, 31<sup>st</sup> March 2009**

Wales							thousands/percentages
Age at test	Number of women registered	Number ineligible	Women never Screened <sup>(1)</sup>		Number of women less than 3 years since last test	Coverage (less than 3 years since last test) (%)	
			number	%			
50-64	293.9	0.3	60.5	20.6%	200.7	68.4%	
65-70	94.5	0.1	8.3	8.8%	66.9	70.8%	
<b>53-64</b>	<b>234.5</b>	<b>0.2</b>	<b>29.7</b>	<b>12.7%</b>	<b>172.7</b>	<b>73.7%</b>	
53-70	330.4	0.4	38.2	11.6%	240.6	72.9%	
45-49	108.2	0.0	107.5	99.4%	0.7	0.6%	
50-52	59.7	0.0	31.0	52.0%	28.2	47.2%	
53-54	37.6	0.0	7.4	19.7%	27.3	72.6%	
55-59	96.9	0.1	12.8	13.2%	71.3	73.7%	
60-64	101.5	0.1	9.8	9.6%	75.1	74.1%	
65-69	79.8	0.1	7.0	8.7%	56.9	71.5%	
70	14.7	0.0	1.3	9.0%	10.0	68.0%	
71-74	54.1	0.0	6.3	11.6%	16.6	30.8%	
75 and over	154.5	0.0	90.5	58.6%	6.8	4.4%	

Source: KC63

(1) This includes the number of women selected and never selected for screening.

**Table 2b: Test status & coverage of women aged 53-64 & 53-70, by Local Health Board, 31<sup>st</sup> March 2009**

Local Health Board	Number of women registered	Number ineligible	Women never Screened <sup>(1)</sup>		Number of women less than 3 years since last test	Coverage (less than 3 years since last test) (%)
			number	%		
thousands/percentages						
<b>Women aged 53-64</b>						
<b>Wales</b>	<b>234.5</b>	<b>0.2</b>	<b>29.7</b>	<b>12.7%</b>	<b>172.7</b>	<b>73.7%</b>
Anglesey	5.8	0.0	0.7	12.8%	4.5	77.6%
Blaenau Gwent	5.5	0.0	0.6	11.3%	4.3	78.0%
Bridgend	11.6	0.0	1.3	11.6%	9.2	79.3%
Caerphilly	13.9	0.0	1.6	11.3%	10.8	77.5%
Cardiff	20.1	0.0	3.1	15.5%	14.6	72.5%
Carmarthen	14.3	0.0	1.7	11.9%	11.2	78.5%
Ceredigion	8.0	0.0	1.0	12.2%	6.1	76.7%
Conwy	9.6	0.0	1.2	12.8%	7.1	74.2%
Denbighshire	8.2	0.0	1.2	14.1%	5.8	70.7%
Flintshire	11.8	0.0	1.4	12.2%	8.4	71.6%
Gwynedd	9.4	0.0	1.2	13.2%	7.1	75.2%
Merthyr Tydfil	4.2	0.0	0.6	14.3%	2.3	54.2%
Monmouthshire	7.2	0.0	0.8	10.6%	5.8	80.3%
Neath Port Talbot	10.7	0.0	1.2	11.5%	7.0	64.8%
Newport	9.6	0.0	1.4	14.9%	7.1	74.0%
Pembrokeshire	10.1	0.0	1.2	12.0%	6.2	61.6%
Powys	12.0	0.0	1.5	12.5%	9.0	75.6%
Rhondda Cynon Taff	18.0	0.0	2.2	12.2%	13.9	77.4%
Swansea	17.7	0.0	2.1	11.9%	12.1	68.0%
Torfaen	7.1	0.0	0.9	12.1%	5.5	77.6%

**Table 2b: Test status & coverage of women aged 53-64 & 53-70, by Local Health Board, 31<sup>st</sup> March 2009 (continued)**

Local Health Board	Number of women registered	Number ineligible	Women never Screened <sup>(1)</sup>		Number of women less than 3 years since last test	Coverage (less than 3 years since last test) (%)
			number	%		
Vale of Glamorgan	9.3	0.0	1.1	11.5%	7.1	76.7%
Wrexham	10.2	0.0	1.5	15.0%	7.5	73.8%

Source: KC63

(1) This includes the number of women selected and never selected for screening.

**Women aged 53-70**

(screening to 70 introduced early 2006 - this age band will be reported from 2009/10)

**Table 3a: Uptake of invitations to screen<sup>(1)</sup> for women aged 50-64 & 50-70 by BTW Division, 1999-00 to 2008-09**

	percentages									
Breast Test Wales Division	1999-2000	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
<b>Women aged 50-64</b>										
<b>Wales</b>	<b>77.4</b>	<b>77.1</b>	<b>77.6</b>	<b>77.6</b>	<b>76.9</b>	<b>75.9</b>	<b>75.0</b>	<b>75.0</b>	<b>73.4</b>	<b>74.5</b>
North	75.6	76.4	75.4	75.5	75.8	74.2	73.5	72.7	72.6	72.4
South	77.4	77.7	78.1	77.7	77.1	76.0	74.5	75.5	72.9	74.1
West	79.4	76.8	78.3	78.9	77.5	77.0	77.6	76.3	75.1	77.7
<b>Women aged 50-70</b>										
<b>Wales</b>	..	..	..	..	<b>76.7</b>	<b>75.6</b>	<b>74.1</b>	<b>74.5</b>	<b>72.8</b>	<b>73.9</b>
North	..	..	..	..	75.8	74.2	73.2	72.4	72.3	72.2
South	..	..	..	..	76.8	75.3	73.2	74.9	72.1	73.3
West	..	..	..	..	77.5	76.9	77.1	75.8	74.5	77.2

Source: KC62 (Part 1, Tables A, B, C1 and C2)

(1) First invitations and routine invitations

**Table 3b: Uptake of invitations to screen for women aged 50-64 & 50-70 by type of invitation & BTW Division, 2008-09**

	percentages							
	Invitation type					Invitation type grouping		
Breast Test Wales Division	First invitation for screening	Routine invite (previous non-attender)	Routine invite (previous attender within 5 yrs)	Routine invite (previous attender more than 5 yrs)	Early recall invitations	First & routine invitation (within 5 yrs)	First & all routine invitations	(1)
<b>Women aged 50-64</b>								
<b>Wales</b>	<b>72.0</b>	<b>16.6</b>	<b>88.9</b>	<b>40.6</b>	<b>100.0</b>	<b>85.5</b>	<b>74.5</b>	
North	68.6	17.8	86.8	41.3	100.0	83.0	72.4	
South	72.1	15.9	89.4	38.4	100.0	85.9	74.1	
West	75.6	17.1	90.3	44.7	100.0	87.3	77.7	
<b>Women aged 50-70</b>								
<b>Wales</b>	<b>71.4</b>	<b>14.5</b>	<b>88.9</b>	<b>46.7</b>	<b>100.0</b>	<b>86.0</b>	<b>73.9</b>	
North	67.8	15.6	87.4	52.0	100.0	83.9	72.2	
South	71.7	13.8	89.1	34.3	100.0	86.3	73.3	
West	74.9	14.9	90.5	58.6	100.0	87.7	77.2	

Source: KC62 (Part 1, Tables A to D)

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

**Table 4: Number of women invited & percentage screened, by age band & type of invitation, 2008-09**

Wales											numbers/percentages
Type of Invitation	Aged 45 & over	Aged 50-64	Aged 50-70	Age band							Over 70
				45-49	50-52	53-54	55-59	60-64	65-70		
<b>Invitations (numbers)</b>											
<b>Total number of women invited</b>	<b>136,138</b>	<b>103,549</b>	<b>132,954</b>	<b>3,037</b>	<b>20,422</b>	<b>13,319</b>	<b>34,629</b>	<b>35,179</b>	<b>29,405</b>	<b>147</b>	
1st invitation for routine screening	20,448	17,236	17,409	3,033	16,550	236	265	185	173	6	
Routine invitation to previous non-attenders	14,120	11,724	14,109	0	1,005	2,820	4,646	3,253	2,385	11	
Routine invitation to previous attenders (Last screen within 5 years)	86,094	67,099	86,051	4	2,761	10,055	26,809	27,474	18,952	39	
Routine invitation to previous attenders (Last screen more than 5 years previously)	15,376	7,422	15,293	0	82	196	2,892	4,252	7,871	83	
Early recalls	100	68	92	0	24	12	17	15	24	8	
<b>Percentage screened (of women invited)</b>											
<b>Total</b>	<b>73.8%</b>	<b>74.5%</b>	<b>73.9%</b>	<b>72.7%</b>	<b>73.5%</b>	<b>73.5%</b>	<b>74.8%</b>	<b>75.1%</b>	<b>71.8%</b>	<b>39.5%</b>	
1st invitation for routine screening	71.6%	72.0%	71.4%	72.7%	74.0%	41.1%	14.7%	11.9%	14.5%	..	
Routine invitation to previous non-attenders	14.5%	16.6%	14.5%	..	32.3%	29.7%	12.7%	6.0%	3.9%	..	
Routine invitation to previous attenders (Last screen within 5 years)	88.9%	88.9%	88.9%	100.0%	86.0%	87.3%	89.2%	89.6%	88.9%	66.7%	

**Table 4: Number of women invited & percentage screened, by age band & type of invitation, 2008-09 (continued)**

Wales											numbers/percentages
Type of Invitation	Aged			Age band							
	45 & over	50-64	50-70	45-49	50-52	53-54	55-59	60-64	65-70	Over 70	
Routine invitation to previous attenders (Last screen more than 5 years previously)	46.6%	40.6%	46.7%	..	47.6%	32.7%	45.9%	37.2%	52.5%	28.9%	
Early recalls	100.0%	100.0%	100.0%	..	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	

Source: KC62 (Part 1, Tables A to D)

**Table 5: Number of women screened by age band & type of invitation, 2008-09**

Wales											thousands
Type of invitation	Aged 45 & over screened	Aged 50-64 screened	Aged 50-70 screened	Age band							
				45-49	50-52	53-54	55-59	60-64	65-70	Over 70	
<b>Total</b>	<b>106.9</b>	<b>78.4</b>	<b>100.2</b>	<b>2.2</b>	<b>15.2</b>	<b>10.0</b>	<b>26.4</b>	<b>26.8</b>	<b>21.8</b>	<b>4.5</b>	
1st invitation for routine screening	14.6	12.4	12.4	2.2	12.2	0.1	0.0	0.0	0.0	0.0	
Routine invitation to previous non-attenders	2.0	1.9	2.0	0.0	0.3	0.8	0.6	0.2	0.1	0.0	
Routine invitation to previous attenders (Last screen within 5 years)	76.6	59.7	76.5	0.0	2.4	8.8	23.9	24.6	16.9	0.0	
Routine invitation to previous attenders (Last screen more than 5 years previously)	7.2	3.0	7.1	0.0	0.0	0.1	1.3	1.6	4.1	0.0	
Early recalls	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Self / GP referral (no previous screen)	0.5	0.4	0.4	0.0	0.2	0.1	0.1	0.1	0.0	0.1	
Self / GP referral (within 5 yrs)	4.6	0.8	1.2	0.0	0.0	0.1	0.3	0.3	0.5	3.4	
Self / GP referral (> 5 yrs)	1.2	0.1	0.3	0.0	0.0	0.0	0.1	0.1	0.1	0.9	

Source: KC62 (Part 1, Tables A to F2)

**Table 6: Women screened by age band, type of invitation & outcome, 2008-09**

Wales		numbers/percentages					
Type of invitation	Number of women screened	Referred <sup>(1)</sup> for assessment		Referred <sup>(2)</sup> for cytology and/or core biopsy (number)	Referred for open biopsy (number)	Early Recall <sup>(3)</sup>	
		(number)	%			(number)	%
<b>Women aged 45 and over</b>							
<b>Total</b>	<b>106,867</b>	<b>5,078</b>	<b>4.8%</b>	<b>1,915</b>	<b>119</b>	<b>97</b>	<b>0.1%</b>
1st invitation for routine screening	14,635	1,236	8.4%	449	33	16	0.1%
Routine invitation to previous non-attenders	2,042	208	10.2%	84	6	3	0.1%
Routine invitation to previous attenders (Last screen within 5 years)	76,563	2,817	3.7%	1,040	60	40	0.1%
Routine invitation to previous attenders (Last screen more than 5 years previously)	7,165	376	5.2%	196	12	6	0.1%
Early recalls	100	100	100.0%	7	0	26	26.0%
Self / GP referral (no previous screen)	542	67	12.4%	26	2	1	0.2%
Self / GP referral (within 5 yrs)	4,621	198	4.3%	81	3	3	0.1%
Self / GP referral (> 5 yrs)	1,199	76	6.3%	32	3	2	0.2%

**Table 6: Women screened by age band, type of invitation & outcome, 2008-09 (continued)**

Wales		numbers/percentages					
Type of invitation	Number of women screened	Referred <sup>(1)</sup> for assessment		Referred <sup>(2)</sup> for cytology and/or core biopsy (number)	Referred for open biopsy (number)	Early Recall <sup>(3)</sup>	
		(number)	%			(number)	%
<b>Women aged 50-64</b>							
<b>Total</b>	<b>78,418</b>	<b>3,790</b>	<b>4.8%</b>	<b>1,367</b>	<b>90</b>	<b>66</b>	<b>0.1%</b>
1st invitation for routine screening	12,405	1,055	8.5%	388	26	12	0.1%
Routine invitation to previous non-attenders	1,949	196	10.1%	82	6	3	0.2%
Routine invitation to previous attenders (Last screen within 5 years)	59,679	2,225	3.7%	776	52	29	0.0%
Routine invitation to previous attenders (Last screen more than 5 years previously)	3,011	160	5.3%	83	5	0	0.0%
Early recalls	68	68	100.0%	3	0	20	29.4%
Self / GP referral (no previous screen)	403	49	12.2%	20	1	1	0.2%
Self / GP referral (within 5 yrs)	778	31	4.0%	13	0	1	0.1%
Self / GP referral (> 5 yrs)	125	6	4.8%	2	0	0	0.0%

**Table 6: Women screened by age band, type of invitation & outcome, 2008-09 (continued)**

Wales		numbers/percentages					
Type of invitation	Number of women screened	Referred <sup>(1)</sup> for assessment		Referred <sup>(2)</sup> for cytology and/or core biopsy (number)	Referred for open biopsy (number)	Early Recall <sup>(3)</sup>	
		(number)	%			(number)	%
<b>Women aged 50-70</b>							
<b>Total</b>	<b>100,175</b>	<b>4,673</b>	4.7%	<b>1,761</b>	<b>105</b>	<b>88</b>	0.1%
1st invitation for routine screening	12,430	1,056	8.5%	388	26	13	0.1%
Routine invitation to previous non-attenders	2,042	208	10.2%	84	6	3	0.1%
Routine invitation to previous attenders (Last screen within 5 years)	76,533	2,815	3.7%	1,038	60	40	0.1%
Routine invitation to previous attenders (Last screen more than 5 years previously)	7,141	375	5.3%	196	12	6	0.1%
Early recalls	92	92	100.0%	6	0	24	26.1%
Self / GP referral (no previous screen)	432	54	12.5%	20	1	1	0.2%
Self / GP referral (within 5 yrs)	1,240	52	4.2%	22	0	1	0.1%
Self / GP referral (> 5 yrs)	265	21	7.9%	7	0	0	0.0%

Source: KC62 (Parts 1 and 2, Tables A to F2)

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

(2) Including women referred for open biopsy

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

**Table 7a: Women screened by age, Division & outcome, 2008-09**

Wales		numbers/percentages						
Age band	Strategic Health BTW Division	Number of women screened	Referred <sup>(1)</sup> for assessment		Referred <sup>(2)</sup> for cytology and/or core biopsy  (number)	Referred for open biopsy  (number)	Early Recall <sup>(3)</sup>	
			(number)	%			(number)	%
<b>45 &amp; over</b>	<b>Wales</b>	<b>106,867</b>	<b>5,078</b>	<b>4.8</b>	<b>1,915</b>	<b>119</b>	<b>97</b>	<b>0.1</b>
	North	27,898	1,100	3.9	494	31	5	0.0
	South	54,379	2,888	5.3	928	50	58	0.1
	West	24,590	1,090	4.4	493	38	34	0.1
<b>50-64</b>	<b>Wales</b>	<b>78,418</b>	<b>3,790</b>	<b>4.8</b>	<b>1,367</b>	<b>90</b>	<b>66</b>	<b>0.1</b>
	North	19,909	778	3.9	334	21	0	0.0
	South	40,543	2,218	5.5	681	42	45	0.1
	West	17,966	794	4.4	352	27	21	0.1
<b>50-70</b>	<b>Wales</b>	<b>100,175</b>	<b>4,673</b>	<b>4.7</b>	<b>1,761</b>	<b>105</b>	<b>88</b>	<b>0.1</b>
	North	25,975	1,002	3.9	446	27	4	0.0
	South	51,258	2,683	5.2	862	46	54	0.1
	West	22,942	988	4.3	453	32	30	0.1

Source: KC62 (Parts 1 and 2, Table T)

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

(2) Including women subsequently referred for open biopsy

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

**Table 7b: Women screened by age and outcome, 2008-09**

Wales		numbers/percentages						
Age	Number of women screened	Referred <sup>(1)</sup> for assessment		Referred <sup>(2)</sup> for cytology and/or core biopsy (number)	Referred for open biopsy (number)	Early Recall <sup>(3)</sup>		
		(number)	%			(number)	%	
<b>45 &amp; over</b>	<b>106,867</b>	<b>5,078</b>	<b>4.8</b>	<b>1,915</b>	<b>119</b>	<b>97</b>	<b>0.1</b>	
<b>50-64</b>	<b>78,418</b>	<b>3,790</b>	<b>4.8</b>	<b>1,367</b>	<b>90</b>	<b>66</b>	<b>0.1</b>	
<b>50-70</b>	<b>100,175</b>	<b>4,673</b>	<b>4.7</b>	<b>1,761</b>	<b>105</b>	<b>88</b>	<b>0.1</b>	
45-49	2,216	180	8.1	61	7	3	0.1	
50-52	15,223	1,212	8.0	431	29	25	0.2	
53-54	10,001	431	4.3	118	9	12	0.1	
55-59	26,372	1,081	4.1	377	28	19	0.1	
60-64	26,822	1,066	4.0	441	24	10	0.0	
65-70	21,757	883	4.1	394	15	22	0.1	
Over 70	4,476	225	5.0	93	7	6	0.1	

Source: KC62 (Parts 1 and 2, Table T)

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

(2) Including women subsequently referred for open biopsy

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

**Table 8: Women screened and cancers detected by age & type of invitation, 2008-09**

Wales								numbers/rates
Type of invitation	Number of women screened	Number			Rate per 1,000 women screened			
		Total number of women with cancer	Non - invasive or micro - invasive	Small invasive (<15mm)	Total	Non - invasive or micro - invasive	Small invasive (<15mm)	
<b>Women aged 45 &amp; over</b>								
<b>Total</b>	<b>106,867</b>	<b>992</b>	<b>229</b>	<b>407</b>	<b>9.3</b>	<b>2.1</b>	<b>3.8</b>	
1st invitation for routine screening	14,635	125	28	48	8.5	1.9	3.3	
Routine invitation to previous non-attenders	2,042	27	6	7	13.2	2.9	3.4	
Routine invitation to previous attenders (Last screen within 5 years)	76,563	635	162	265	8.3	2.1	3.5	
Routine invitation to previous attenders (Last screen more than 5 years previously)	7,165	108	13	45	15.1	1.8	6.3	
Early recalls	100	3	1	1	30.0	10.0	10.0	
Self / GP referral (no previous screen)	542	16	3	5	29.5	5.5	9.2	
Self / GP referral (within 5 yrs)	4,621	54	14	23	11.7	3.0	5.0	
Self / GP referral (>5 yrs)	1,199	24	2	13	20.0	1.7	10.8	

**Table 8: Women screened and cancers detected by age & type of invitation, 2008-09 (continued)**

Wales								numbers/rates
Type of invitation	Number of women screened	Number			Rate per 1,000 women screened			
		Total number of women with cancer	Non - invasive or micro - invasive	Small invasive (<15mm)	Total	Non - invasive or micro - invasive	Small invasive (<15mm)	
<b>Women aged 50-64</b>								
<b>Total</b>	<b>78,418</b>	<b>656</b>	<b>164</b>	<b>256</b>	<b>8.4</b>	<b>2.1</b>	<b>3.3</b>	
1st invitation for routine screening	12,405	112	26	42	9.0	2.1	3.4	
Routine invitation to previous non-attenders	1,949	25	6	7	12.8	3.1	3.6	
Routine invitation to previous attenders (Last screen within 5 years)	59,679	459	123	186	7.7	2.1	3.1	
Routine invitation to previous attenders (Last screen more than 5 years previously)	3,011	43	5	17	14.3	1.7	5.6	
Early recalls	68	0	0	0	0.0	0.0	0.0	
Self / GP referral (no previous screen)	403	11	3	2	27.3	7.4	5.0	
Self / GP referral (within 5 yrs)	778	5	1	1	6.4	1.3	1.3	
Self / GP referral (>5 yrs)	125	1	0	1	8.0	0.0	8.0	

**Table 8: Women screened and cancers detected by age & type of invitation, 2008-09 (continued)**

Wales								numbers/rates
Type of invitation	Number of women screened	Number			Rate per 1,000 women screened			
		Total number of women with cancer	Non - invasive or micro - invasive	Small invasive (<15mm)	Total	Non - invasive or micro - invasive	Small invasive (<15mm)	
<b>Women aged 50-70</b>								
<b>Total</b>	<b>100,175</b>	<b>910</b>	<b>212</b>	<b>372</b>	<b>9.1</b>	<b>2.1</b>	<b>3.7</b>	
1st invitation for routine screening	12,430	112	26	42	9.0	2.1	3.4	
Routine invitation to previous non-attenders	2,042	27	6	7	13.2	2.9	3.4	
Routine invitation to previous attenders (Last screen within 5 years)	76,533	634	162	265	8.3	2.1	3.5	
Routine invitation to previous attenders (Last screen more than 5 years previously)	7,141	108	13	45	15.1	1.8	6.3	
Early recalls	92	2	1	1	21.7	10.9	10.9	
Self / GP referral (no previous screen)	432	11	3	2	25.5	6.9	4.6	
Self / GP referral (within 5 yrs)	1,240	10	1	5	8.1	0.8	4.0	
Self / GP referral (>5 yrs)	265	6	0	5	22.6	0.0	18.9	

Source: KC62 (Parts 1 and 3, Tables A to F2)

**Table 9a: Women screened and cancers detected by age band & BTW Division, 2008-09**

		numbers/rates						
Age band	BTW Division	Number of women screened	Cancers detected					
			Number			Rate per 1,000 women screened		
			Total number of women with cancer	Non - invasive or micro - invasive	Small invasive (<15mm)	Total	Non - invasive or micro - invasive	Small invasive (<15mm)
<b>45 &amp; over</b>	<b>Wales</b>	<b>106,867</b>	<b>992</b>	<b>229</b>	<b>407</b>	<b>9.3</b>	<b>2.1</b>	<b>3.8</b>
	North	27,898	251	52	101	9.0	1.9	3.6
	South	54,379	504	111	231	9.3	2.0	4.2
	West	24,590	237	66	75	9.6	2.7	3.1
<b>50-64</b>	<b>Wales</b>	<b>78,418</b>	<b>656</b>	<b>164</b>	<b>256</b>	<b>8.4</b>	<b>2.1</b>	<b>3.3</b>
	North	19,909	147	34	53	7.4	1.7	2.7
	South	40,543	345	78	161	8.5	1.9	4.0
	West	17,966	164	52	42	9.1	2.9	2.3
<b>50-70</b>	<b>Wales</b>	<b>100,175</b>	<b>910</b>	<b>212</b>	<b>372</b>	<b>9.1</b>	<b>2.1</b>	<b>3.7</b>
	North	25,975	225	47	91	8.7	1.8	3.5
	South	51,258	463	104	213	9.0	2.0	4.2
	West	22,942	222	61	68	9.7	2.7	3.0

Source: KC62 (Parts 1 and 3, Table T)

**Table 9b: Women screened and cancers detected by age band, 2008-09**

Wales		numbers/rates					
Age band	Number of women screened (thousands)	Cancers detected					
		Number			Rate per 1,000 women screened		
		Total number of women with cancer	Non - invasive or micro - invasive	Small invasive (<15mm)	Total	Non - invasive or micro - invasive	Small invasive (<15mm)
<b>45 and over</b>	<b>107</b>	<b>992</b>	<b>229</b>	<b>407</b>	<b>9.3</b>	<b>2.1</b>	<b>3.8</b>
<b>50-64</b>	<b>78</b>	<b>656</b>	<b>164</b>	<b>256</b>	<b>8.4</b>	<b>2.1</b>	<b>3.3</b>
<b>50-70</b>	<b>100</b>	<b>910</b>	<b>212</b>	<b>372</b>	<b>9.1</b>	<b>2.1</b>	<b>3.7</b>
45-49	2	13	2	6	<b>5.9</b>	<b>0.9</b>	<b>2.7</b>
50-52	15	125	28	46	<b>8.2</b>	<b>1.8</b>	<b>3.0</b>
53-54	10	42	15	11	<b>4.2</b>	<b>1.5</b>	<b>1.1</b>
55-59	26	214	60	81	<b>8.1</b>	<b>2.3</b>	<b>3.1</b>
60-64	27	275	61	118	<b>10.3</b>	<b>2.3</b>	<b>4.4</b>
65-70	22	254	48	116	<b>11.7</b>	<b>2.2</b>	<b>5.3</b>
Over 70	4	69	15	29	<b>15.4</b>	<b>3.4</b>	<b>6.5</b>

Source: KC62 (Parts 1 and 3, Table T)

**Table 10a: Women aged 45 and over, with cancer diagnosed, by size of cancer & age band, 2008-09**

Wales										numbers/percentages
Size of cancer	Age									
	45 & over	50-64	50-70	45-49	50-54	55-59	60-64	65-70	Over 70	
<b>All cancers</b>	<b>992</b>	<b>656</b>	<b>910</b>	<b>13</b>	<b>167</b>	<b>214</b>	<b>275</b>	<b>254</b>	<b>69</b>	
Invasive status not known	0	0	0	0	0	0	0	0	0	
Non-invasive or possibly micro-invasive	226	161	209	2	43	59	59	48	15	
Definitely micro-invasive	3	3	3	0	0	1	2	0	0	
<b>Invasive total</b>	<b>763</b>	<b>492</b>	<b>698</b>	<b>11</b>	<b>124</b>	<b>154</b>	<b>214</b>	<b>206</b>	<b>54</b>	
Small (<15mm) total	407	256	372	6	57	81	118	116	29	
per 1,000 women screened	3.8	3.3	3.7	2.7	2.3	3.1	4.4	5.3	6.5	
as a percentage of total invasive	53.3%	52.0%	53.3%	54.5%	46.0%	52.6%	55.1%	56.3%	53.7%	
<10mm	202	131	187	1	33	40	58	56	14	
>=10mm & <15mm	205	125	185	5	24	41	60	60	15	
>= 15mm & <20mm	143	89	131	1	27	26	36	42	11	
>=20mm & <50mm	179	127	163	4	35	43	49	36	12	
>=50mm	14	8	14	0	2	3	3	6	0	
Size not known	20	12	18	0	3	1	8	6	2	

Source: KC62 (Parts 1 and 3, Table T)

**Table 10b: Women aged 50-64 & 50-70, with cancer diagnosed, by invitation type & size of cancer, 2008-09**

Wales		numbers/percentages				
Size of cancer	All invitation types	Invitation type				Early recalls
		1st invitation for routine screening	Routine invitation to previous non-attenders	Routine invitation to previous attenders Last screen within 5 years	Routine invitation to previous attenders Last screen more than 5 years previously	
<b>Women aged 50-64</b>						
<b>All cancers</b>	<b>656</b>	<b>112</b>	<b>25</b>	<b>459</b>	<b>43</b>	<b>0</b>
Invasive status not known	0	0	0	0	0	0
Non-invasive or possibly micro-invasive	161	26	6	121	4	0
Definitely micro-invasive	3	0	0	2	1	0
<b>Invasive total</b>	<b>492</b>	<b>86</b>	<b>19</b>	<b>336</b>	<b>38</b>	<b>0</b>
Small (less than 15mm) total per 1,000 women screened as a percentage of total invasive	256	42	7	186	17	0
<10mm	131	24	4	93	9	0
>=10mm & <15mm	125	18	3	93	8	0
>= 15mm & <20mm	89	17	4	57	8	0
>=20mm & <50mm	127	23	6	83	11	0
>=50mm	8	2	0	4	1	0
Size not known	12	2	2	6	1	0

**Table 10b: Women aged 50-64 & 50-70, with cancer diagnosed, by invitation type & size of cancer, 2008-09 (continued)**

Wales		numbers/percentages				
Size of cancer	All invitation types	Invitation type				
		1st invitation for routine screening	Routine invitation to previous non-attenders	Routine invitation to previous attenders Last screen within 5 years	Routine invitation to previous attenders Last screen more than 5 years previously	Early recalls
<b>Women aged 50-70</b>						
<b>All cancers</b>	<b>910</b>	<b>112</b>	<b>27</b>	<b>634</b>	<b>108</b>	<b>2</b>
Invasive status not known	0	0	0	0	0	0
Non-invasive or possibly micro-invasive	209	26	6	160	12	1
Definitely micro-invasive	3	0	0	2	1	0
<b>Invasive total</b>	<b>698</b>	<b>86</b>	<b>21</b>	<b>472</b>	<b>95</b>	<b>1</b>
Small (less than 15mm) total per 1,000 women screened as a percentage of total invasive	372	42	7	265	45	1
<10mm	187	24	4	133	20	1
>=10mm & <15mm	185	18	3	132	25	0
>= 15mm & <20mm	131	17	4	88	18	0
>=20mm & <50mm	163	23	6	102	28	0
>=50mm	14	2	1	8	2	0
Size not known	18	2	3	9	2	0

Source: KC62 (Parts 1 and 3, Tables A to D & T)

**Table 11a: Coverage of women aged 53-64 by Local Health Board, at 31 March 2008 and 2009**

		As at 31 March 2008			As at 31 March 2009		
		Eligible Population <sup>(1)</sup>	Number of women screened	Coverage (less than 3 years since last test)	Eligible Population <sup>(1)</sup>	Number of women screened	Coverage (less than 3 years since last test)
<b>Wales</b>		<b>234,146</b>	<b>175,767</b>	<b>75.1%</b>	<b>234,286</b>	<b>172,654</b>	<b>73.7%</b>
	Anglesey	5,824	4,548	78.1%	5,764	4,471	77.6%
	Blaenau Gwent	5,521	4,311	78.1%	5,488	4,279	78.0%
	Bridgend	11,580	9,231	79.7%	11,553	9,159	79.3%
	Caerphilly	13,808	10,494	76.0%	13,933	10,801	77.5%
	Cardiff	19,848	14,201	71.5%	20,126	14,583	72.5%
	Carmarthen	14,316	11,049	77.2%	14,279	11,207	78.5%
	Ceredigion	8,014	5,805	72.4%	8,004	6,143	76.7%
	Conwy	9,589	6,843	71.4%	9,565	7,101	74.2%
	Denbighshire	8,328	5,931	71.2%	8,224	5,815	70.7%
	Flintshire	11,817	7,727	65.4%	11,777	8,438	71.6%
	Gwynedd	9,584	7,255	75.7%	9,435	7,091	75.2%
	Merthyr Tydfil	4,185	3,228	77.1%	4,224	2,290	54.2%
	Monmouthshire	7,184	5,751	80.1%	7,207	5,790	80.3%
	Neath Port Talbot	10,686	8,202	76.8%	10,722	6,951	64.8%
	Newport	9,613	7,162	74.5%	9,621	7,123	74.0%
	Pembrokeshire	10,142	8,153	80.4%	10,082	6,214	61.6%
	Powys	11,996	8,952	74.6%	11,956	9,044	75.6%
	Rhondda Cynon Taff	17,984	13,903	77.3%	18,024	13,947	77.4%
	Swansea	17,681	13,040	73.8%	17,723	12,051	68.0%
	Torfaen	7,074	5,463	77.2%	7,079	5,495	77.6%
	Vale of Glamorgan	9,150	7,129	77.9%	9,287	7,121	76.7%
	Wrexham	10,222	7,389	72.3%	10,213	7,540	73.8%

Source: KC63

(1) This is the number of women in the registered population less those recorded as ineligible

**Table 11b: Coverage of women aged 53-70 by Local Health Board, at 31 March 2008 and 2009\***

	numbers/percentages					
	As at 31 March 2008			As at 31 March 2009		
	Eligible Population <sup>(1)</sup>	Number of women screened	Coverage (less than 3 years since last test)	Eligible Population <sup>(1)</sup>	Number of women screened	Coverage (less than 3 years since last test)
<b>Wales</b>	<b>325,888</b>	<b>236,055</b>	<b>72.4%</b>	<b>328,114</b>	<b>239,187</b>	<b>72.9%</b>
Anglesey	8206	6,298	76.7%	8243	6,336	76.9%
Blaenau Gwent	7,786	5,906	75.9%	7,820	6,017	76.9%
Bridgend	16,141	12,632	78.3%	16,257	12,742	78.4%
Caerphilly	18,930	13,953	73.7%	19,167	14,683	76.6%
Cardiff	27,187	18,903	69.5%	27,477	19,591	71.3%
Carmarthen	19,925	15,106	75.8%	20,101	15,725	78.2%
Ceredigion	11,074	7,662	69.2%	11,176	8,562	76.6%
Conwy	13,790	8,723	63.3%	13,797	10,125	73.4%
Denbighshire	11,811	8,000	67.7%	11,769	8,270	70.3%
Flintshire	16,218	9,801	60.4%	16,259	11,536	71.0%
Gwynedd	13,537	9,911	73.2%	13,566	10,032	73.9%
Merthyr Tydfil	5,779	4,379	75.8%	5,825	3,077	52.8%
Monmouthshire	9,971	7,951	79.7%	10,054	8,056	80.1%
Neath Port Talbot	14,853	11,051	74.4%	14,949	9,476	63.4%
Newport	13,541	9,956	73.5%	13,572	9,978	73.5%
Pembrokeshire	14,227	10,911	76.7%	14,301	8,638	60.4%
Powys	16,699	12,405	74.3%	16,874	12,791	75.8%
Rhondda Cynon Taff	24,929	18,722	75.1%	25,070	19,058	76.0%
Swansea	24,760	16,653	67.3%	24,889	16,719	67.2%
Torfaen	9,776	7,426	76.0%	9,813	7,519	76.6%
Vale of Glamorgan	12,714	9,748	76.7%	12,929	9,897	76.5%
Wrexham	14,034	9,958	71.0%	14,206	10,359	72.9%

Source: KC63

\* For reference only as inviting all women aged 50-70 began in 2006; hence 3 year round not completed until 2009-10

(1) This is the number of women in the registered population less those recorded as ineligible

**Table 12a: Uptake by women aged 50-64 of invitations to screen, by BTW Division, 1999-00 to 2008-09<sup>(1)</sup>**

BTW Division	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	percentages
											<sup>(2)</sup> Change 2007-08 to 2008-09
<b>Wales</b>	<b>77</b>	<b>77</b>	<b>78</b>	<b>78</b>	<b>77</b>	<b>76</b>	<b>75</b>	<b>75</b>	<b>73</b>	<b>75</b>	<b>1</b>
North	76	76	75	76	76	74	74	73	73	72	0
South	77	78	78	78	77	76	75	76	73	74	1
West	79	77	78	79	78	77	78	76	75	78	3

Source: KC62 (Part 1, Tables A, B, C1 and C2)

(1) This is the grouping used in Table 3a (First & all routine invitations)

(2) All percentages are shown rounded to the nearest whole number; the difference between 2007-08 and 2008-09 uptake are calculated using the exact percentages & then rounded

**Table 12b: Uptake by women aged 50-70 of invitations to screen, by BTW Division, 1999-00 to 2008-09<sup>(1)</sup>**

BTW Division	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	percentages
							(2) Change 2007-08 to 2008-09
<b>Wales</b>	<b>77</b>	<b>76</b>	<b>74</b>	<b>75</b>	<b>73</b>	<b>74</b>	-2
North	76	74	73	72	72	72	0
South	77	75	73	75	72	73	-3
West	78	77	77	76	75	77	-1

Source: KC62 (Part 1, Tables A, B, C1 and C2)

(1) This is the grouping used in Table 3a (First & all routine invitations)

(2) All percentages are shown rounded to the nearest whole number; the difference between 2007-08 and 2008-09 uptake are calculated using the exact percentages & then rounded

**Table 13a: Selected diagnostic and outcome statistics for women aged 50-64, by BTW Division 2008-09**

numbers/percentages

All women (T)					
BTW Division	Screened	Benign Biopsy rate per 1000 <sup>(1)</sup>	Preoperative Diagnosis rate <sup>(2)</sup>	Assessment rate (3)	
<b>Wales</b>	<b>78,418</b>	<b>0.8</b>	<b>96.5%</b>	<b>4.8%</b>	
North	19,909	0.9	98.0%	3.9%	
South	40,543	0.8	97.3%	5.3%	
West	17,966	0.8	93.3%	4.4%	

Source: KC62 (Parts 1 and 2, Table T)

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

(2) Preoperative Diagnosis rate: % of cancers diagnosed cytologically/histologically without surgery

(3) Assessment rate: percentage of women referred for assessment

**Table 13b: Selected diagnostic and outcome statistics for women aged 50-70, by BTW Division 2008-09**

numbers/percentages

BTW Division	All women (T)				
	Screened	Benign Biopsy rate per 1000 <sup>(1)</sup>	Preoperative Diagnosis rate <sup>(2)</sup>	Assessment rate <sup>(3)</sup>	
<b>Wales</b>	<b>100,175</b>	<b>0.7</b>	<b>96.9%</b>	<b>4.7%</b>	
North	25,975	0.8	97.3%	3.9%	
South	51,258	0.7	97.8%	5.2%	
West	22,942	0.8	94.6%	4.3%	

Source: KC62 (Parts 1 and 2, Table T)

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

(2) Preoperative Diagnosis rate: % of cancers diagnosed cytologically/histologically without surgery

(3) Assessment rate: percentage of women referred for assessment

**Table 14a: Selected diagnostic and outcome statistics for women aged 50-64, by BTW Division 2008-09**

numbers/percentages										
BTW Division	Prevalent round					Incident round				
	Benign Biopsy rate <sup>(1)</sup> per 1,000	Preoperative Diagnosis rate % <sup>(2)</sup>	Small cancers detected <sup>(3)</sup> (<15mm) per 1,000	Standardised detection ratio (SDR) <sup>(4)</sup>	Assessment rate % <sup>(5)</sup>	Benign Biopsy rate <sup>(1)</sup> per 1,000	Preoperative Diagnosis rate % <sup>(2)</sup>	Small cancers detected <sup>(3)</sup> (<15mm) per 1,000	Standardised detection ratio (SDR) <sup>(4)</sup>	Assessment rate % <sup>(5)</sup>
<b>Wales</b>	<b>1.7</b>	<b>95.6%</b>	<b>3.4</b>	<b>1.89</b>	<b>8.5%</b>	<b>0.6</b>	<b>96.6%</b>	<b>3.2</b>	<b>1.42</b>	<b>3.7%</b>
North	1.9	97.0%	2.9	1.89	7.3%	0.5	98.2%	2.5	1.18	3.0%
South	1.4	95.9%	4.6	2.05	9.1%	0.6	97.7%	3.8	1.51	4.4%
West	2.1	93.5%	1.4	1.56	8.5%	0.5	93.0%	2.6	1.45	3.1%

Source: KC62 Parts 1, 2 and 3

- (1) Prevalent round Table A, ages 50-52. Incident round Table C1, ages 53-64.  
 (2) Prevalent round Table A+B, age 50-64. Incident round Table C1+C2, age 50-64.  
 (3) Prevalent round Table A, ages 50-52. Incident round Table C1, ages 53-64.  
 (4) Prevalent round Tables A+B, age 50-64. Incident round Table C1, age 50-64.  
 (5) Prevalent round Table A, ages 50-52. Incident round Table C1, ages 53-64.

**Table 14b: Selected diagnostic and outcome statistics for women aged 50-70, by BTW Division 2008-09**

numbers/percentages										
BTW Division	Prevalent round					Incident round				
	Benign Biopsy rate <sup>(1)</sup> per 1,000	Preoperative Diagnosis rate % <sup>(2)</sup>	Small cancers detected <sup>(3)</sup> (<15mm) per 1,000	Standardised detection ratio (SDR) <sup>(4)</sup>	Assessment rate % <sup>(5)</sup>	Benign Biopsy rate <sup>(1)</sup> per 1,000	Preoperative Diagnosis rate % <sup>(2)</sup>	Small cancers detected <sup>(3)</sup> (<15mm) per 1,000	Standardised detection ratio (SDR) <sup>(4)</sup>	Assessment rate % <sup>(5)</sup>
<b>Wales</b>	<b>1.7</b>	<b>95.7%</b>	<b>3.4</b>	<b>1.88</b>	<b>8.5%</b>	<b>0.5</b>	<b>97.0%</b>	<b>3.5</b>	<b>1.50</b>	<b>3.7%</b>
North	1.9	97.0%	2.9	1.83	7.3%	0.4	97.3%	3.1	1.35	2.9%
South	1.4	95.9%	4.6	2.04	9.1%	0.6	98.1%	4.0	1.57	4.2%
West	2.1	93.8%	1.4	1.60	8.5%	0.5	94.6%	3.0	1.51	3.1%

Source: KC62 Parts 1, 2 and 3

- (1) Prevalent round Table A, ages 50-52. Incident round Table C1, ages 53-70.
- (2) Prevalent round Table A+B, age 50-70. Incident round Table C1+C2, age 50-70.
- (3) Prevalent round Table A, ages 50-52. Incident round Table C1, ages 53-70.
- (4) Prevalent round Tables A+B, age 50-70. Incident round Table C1, age 50-70.
- (5) Prevalent round Table A, ages 50-52. Incident round Table C1, ages 53-70.