

Isle of Wight Joint Strategic Needs Assessment: Core Dataset

2009

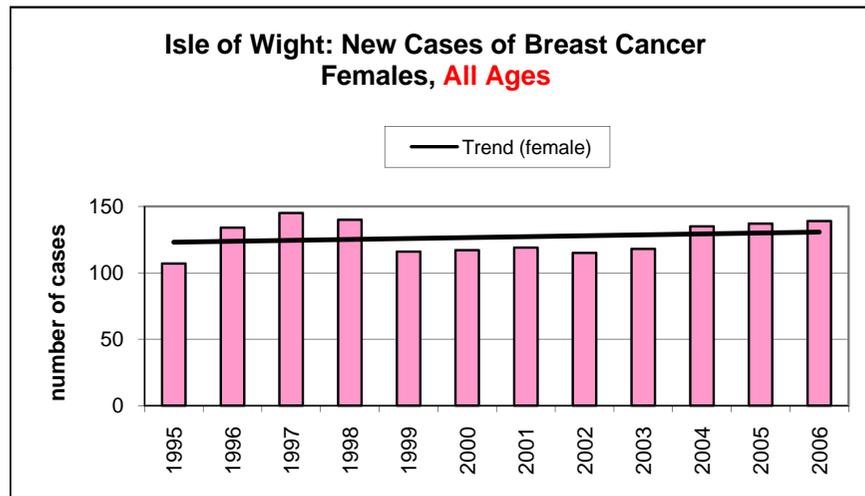


| | | | |
|------------------|-------------------------------------|-----------------------|---|
| Domain: | Burden of Ill Health | Indicator: | Cancer incidence: Breast Cancer (Females Only) |
| Sub-Domain: | Cancer | Indicator References: | JSNA Core Dataset number: 44 |
| Sub-sub- Domain: | Breast Cancer (Females only) | Data Source: | Cancer Information Service |
| | | Indicator definition: | see below |

Isle of Wight: Number of New Breast Cancer Cases by Year: Females, All Ages

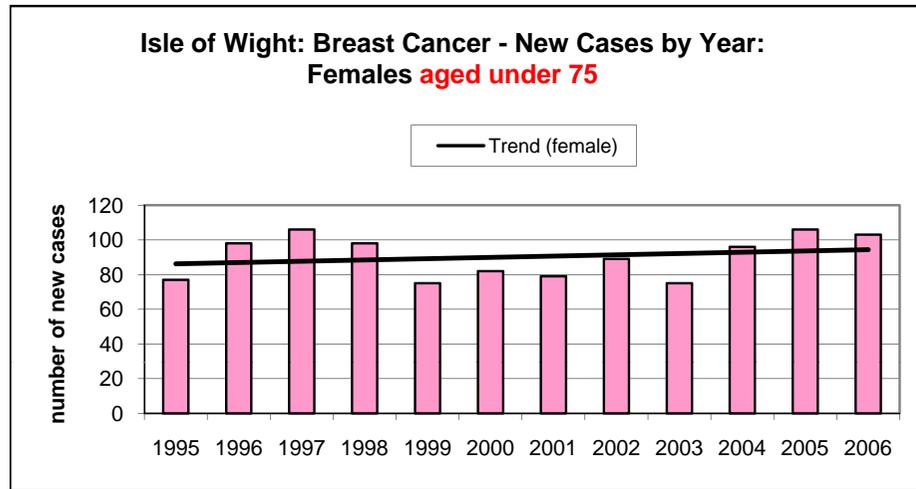
| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|--------|------|------|------|------|------|------|------|------|------|------|
| Female | 145 | 140 | 116 | 117 | 119 | 115 | 118 | 135 | 137 | 139 |

NB: between 1995 - 2006 there were on average 2 cases of breast cancer a year among Males of All Ages. Such small numbers are not published in order to avoid the identification of individuals, and so no details of breast cancer among Males are shown here or below.



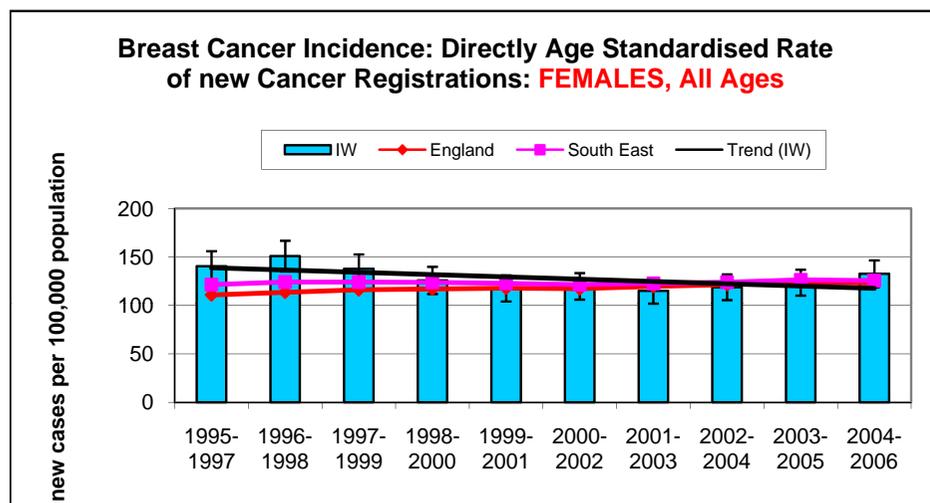
Isle of Wight: Number of New Breast Cancer Cases by Year: **Females Age under 75**

| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|--------|------|------|------|------|------|------|------|------|------|------|
| Female | 106 | 98 | 75 | 82 | 79 | 89 | 75 | 96 | 106 | 103 |



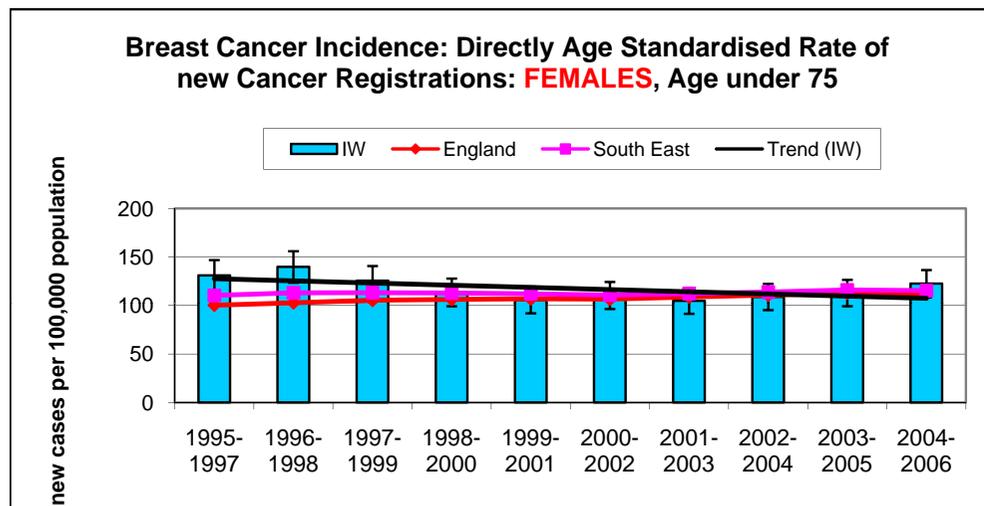
Isle of Wight: Directly Age-Standardised Rate of New Breast Cancer Cases per 100,000 Population: **Females, All Ages**

| Females | 1995-1997 | 1996-1998 | 1997-1999 | 1998-2000 | 1999-2001 | 2000-2002 | 2001-2003 | 2002-2004 | 2003-2005 | 2004-2006 |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| England | 110.8 | 113.5 | 116.1 | 117.0 | 117.8 | 117.2 | 119.5 | 121.4 | 123.8 | 123.1 |
| South East | 121.5 | 124.1 | 124.1 | 123.7 | 122.8 | 121.5 | 122.7 | 124.0 | 126.3 | 125.6 |
| IW | 140.4 | 150.9 | 137.7 | 125.8 | 117.5 | 119.6 | 115.0 | 118.7 | 123.5 | 132.6 |



Isle of Wight: Directly Age-Standardised Rate of New Breast Cancer Cases per 100,000 Population: **Females Age under 75**

| Females | 1995-1997 | 1996-1998 | 1997-1999 | 1998-2000 | 1999-2001 | 2000-2002 | 2001-2003 | 2002-2004 | 2003-2005 | 2004-2006 |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| England | 100.21 | 102.76 | 105.31 | 106.15 | 106.84 | 106.49 | 108.69 | 110.75 | 112.88 | 112.30 |
| South East | 110.38 | 112.99 | 113.12 | 112.85 | 111.97 | 110.79 | 112.14 | 113.74 | 115.93 | 115.25 |
| IW | 131.04 | 139.75 | 125.53 | 113.54 | 105.71 | 110.34 | 104.88 | 108.73 | 112.83 | 122.51 |



COMMENTARY

Breast cancer is one of the 4 main cancers in terms of the number and rate of new cases.

The data above shows, for Females of All Ages and in the Under-75 age group, numbers of new cases; and incidence (rate of new cases) per 100,000 population, comparing the Isle of Wight with England and the South-East. Data is shown for the period 1995 - 2006 (the most recent year available). Key points include:

Number of New Breast Cancer Cases

- Between 1995 and 2006 on the Island, there was a slight upward trend in the number of new breast cancer cases among females, both of **All Ages** and **aged under-75**.
- On the IW over this period, new cases of breast cancer among females **aged under 75** represented 71% of all new breast cancer cases.

Directly Age Standardised Rate of New Breast Cancer Cases per 100,000 Population

- Since 1995 the IW has seen a slight downward trend in the rate of new cancer cases among Females, both of **All Ages** and **aged under-75**. For both age groups the IW rate is similar to the rates in England and the South East.

| INDICATOR DEFINITION | |
|---|---|
| Indicator: | Cancer Incidence: Breast Cancer |
| Definition: | Breast Cancer: directly age-standardised rate of new cases per 100,000 population. |
| Numerator (number of people or events) | Number of new Breast cancer cases among females resident in the specified area which were registered in the specified years. ICD 10 Codes: C50 |
| Denominator (total population or events) | Resident population for the specified years. Females, All Ages and age under-75 |
| Geographic Coverage | Local Authority |
| Time period | As shown above. Rates are shown for pooled three-year periods in order to present smoother trends over time. |
| Data Source(s) | Cancer Information Service NHS staff only. |
| Significance for Health | Higher rates are associated with worse health. Lower rates are associated with better health. |
| Factors that might affect the Accuracy of this Indicator | |