

**Isle of Wight Joint Strategic Needs Assessment: Core Dataset**

**2009**

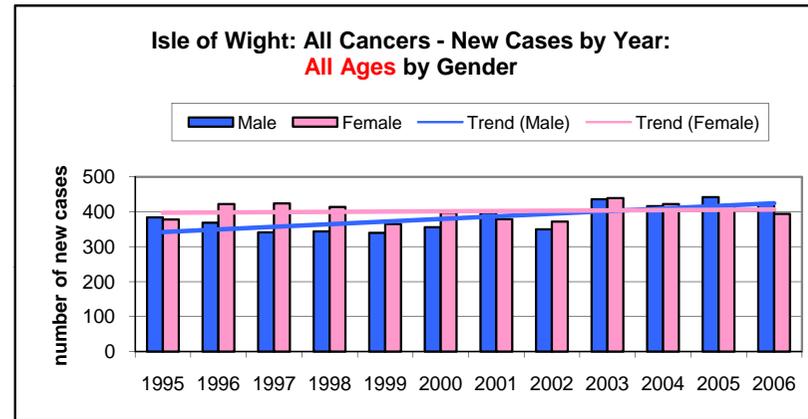
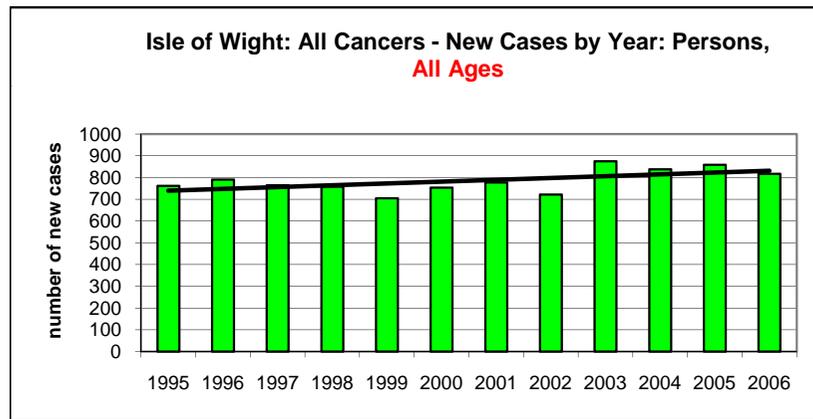


Domain: Burden of Ill Health  
 Sub-Domain: Cancer  
 Sub-sub- Domain: **All Cancers**

Indicator: Cancer incidence: **All Cancers**  
 Indicator References: JSNA Core Dataset number: 44  
 Data Source: Cancer Information Service  
 Indicator definition: [see below](#)

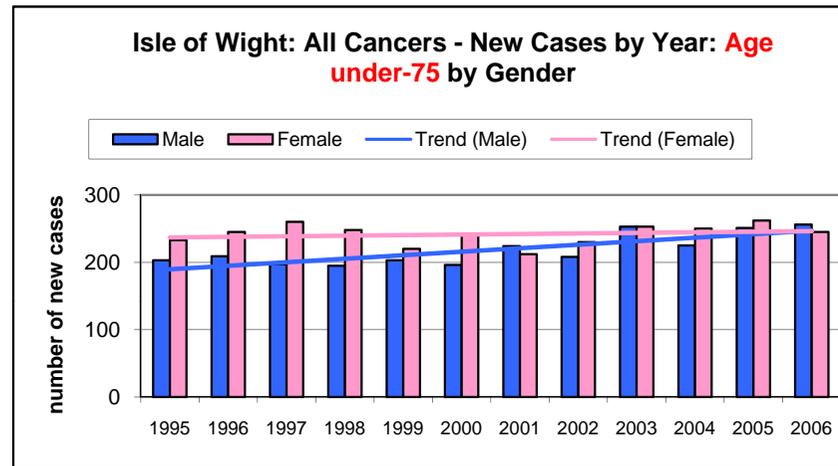
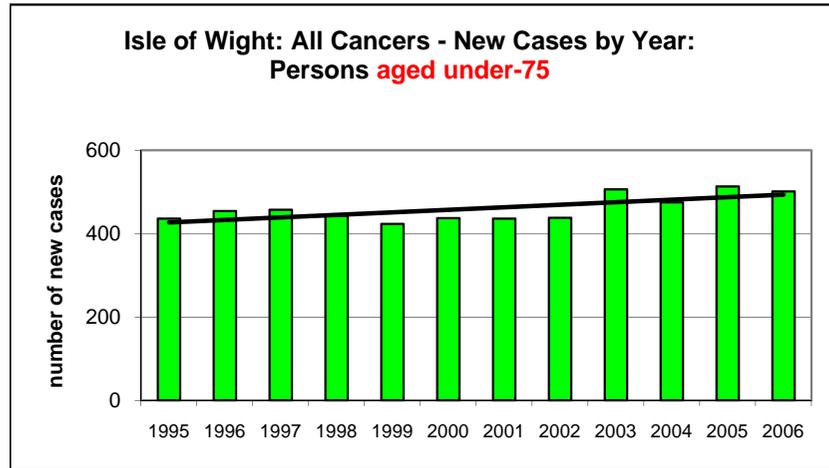
**Isle of Wight: Number of New Cancer Cases by Year: All Ages**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Persons	765	758	705	754	777	722	875	838	859	817
Male	341	344	340	356	398	350	436	416	442	423
Female	424	414	365	398	379	372	439	422	417	394



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

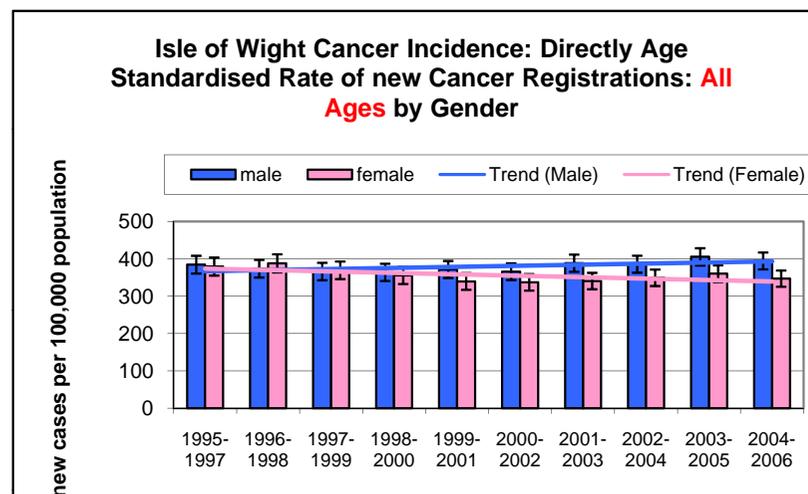
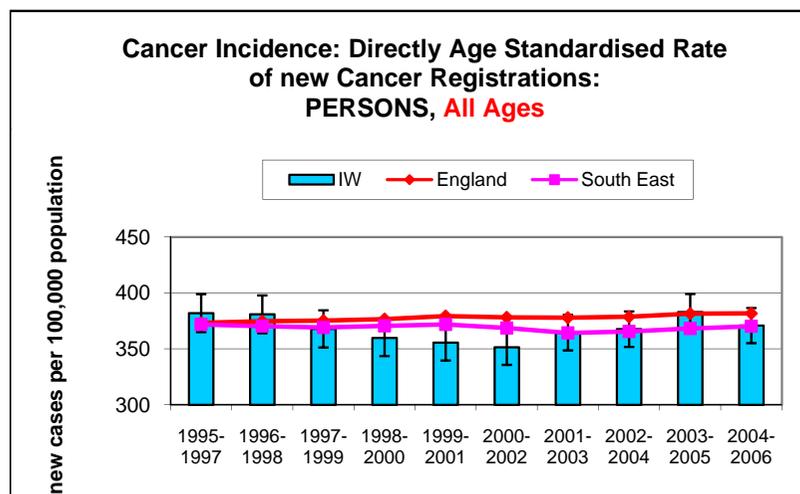
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Persons	457	443	423	437	436	438	506	475	513	501
Male	197	195	203	196	224	208	253	225	251	256
Female	260	248	220	241	212	230	253	250	262	245



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

Persons	1995-1997	1996-1998	1997-1999	1998-2000	1999-2001	2000-2002	2001-2003	2002-2004	2003-2005	2004-2006
England	373.3	374.7	375.3	376.6	379.3	378.2	377.9	378.7	381.5	381.7
South East	371.9	370.4	369.2	370.6	371.9	368.7	364.3	365.6	368.3	370.2
IW	382.0	381.0	367.9	359.9	355.7	351.5	364.6	367.7	383.0	370.9

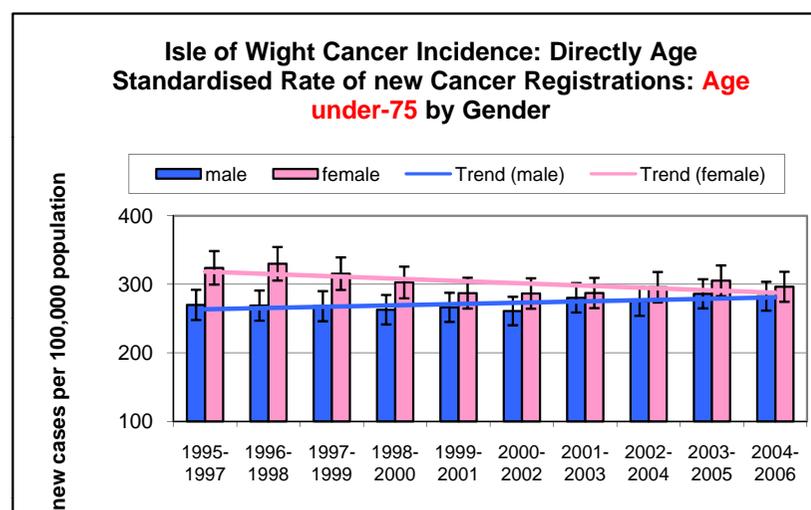
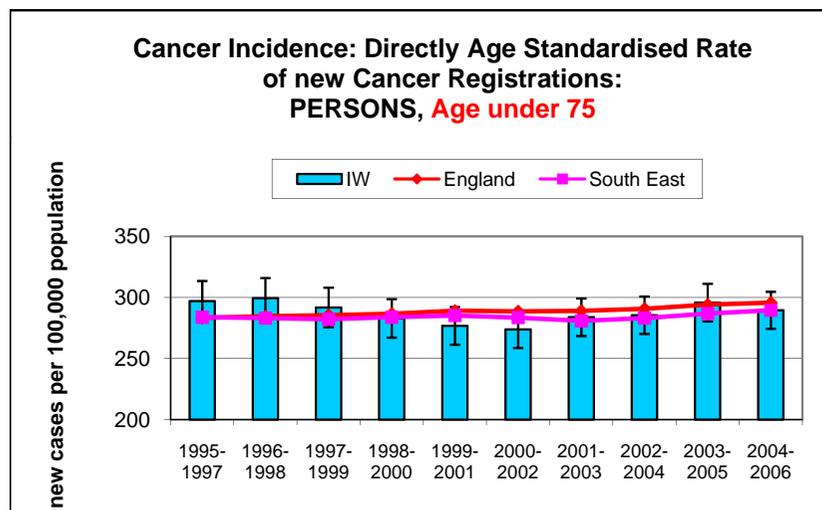
IW by Gender	1995-1997	1996-1998	1997-1999	1998-2000	1999-2001	2000-2002	2001-2003	2002-2004	2003-2005	2004-2006
male	384.6	373.8	366.3	364.1	371.8	365.8	388.5	385.9	405.7	394.6
female	379.5	388.1	369.6	355.7	339.5	337.2	340.7	349.5	360.4	347.2



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

Persons	1995-1997	1996-1998	1997-1999	1998-2000	1999-2001	2000-2002	2001-2003	2002-2004	2003-2005	2004-2006
England	283.24	284.62	285.47	286.62	289.07	288.58	288.98	290.72	294.12	295.66
South East	283.76	283.03	282.16	283.76	285.17	283.48	280.80	282.98	286.72	289.47
IW	297.02	299.48	291.83	282.88	276.76	273.86	283.83	285.46	295.75	289.53

IW by Gender	1995-1997	1996-1998	1997-1999	1998-2000	1999-2001	2000-2002	2001-2003	2002-2004	2003-2005	2004-2006
male	270.0	269.0	268.1	263.0	266.4	261.1	280.3	275.1	286.2	282.6
female	324.0	330.0	315.6	302.7	287.1	286.6	287.4	295.8	305.3	296.4



## COMMENTARY

The IW PCT has a target to reduce mortality from cancer among people aged under 75 (the age group in which death is considered 'premature') by 20% from the 1995-97 baseline by 2010. In order to do this it will be necessary to reduce the number of new cases of cancer contracted by people aged under-75, and to prolong their lives if they do develop cancer.

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

### Number of New Cancer Cases

- The number of new cancer cases among people of **All Ages** on the Island each year has risen, from 762 cases in 1995 to 817 in 2006. This is mostly accounted for by the Island's increasing population over this period, with a greater proportional increase among older age groups.
- The number of new cancer cases among people aged **Under-75** has also risen over this period, from 436 cases in 1995 to 501 in 2006. The proportion of new cases in the under-75 age group has increased from 57% to 61%.
- In both age groups, Males and Females experience similar numbers of new cancer cases, distributed among different cancers (see subsequent sections).

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

- Statistically, the most recent (2004-06) IW rates for Males and Females are similar, in both the All Ages and Under-75 age groups, and the IW rates for Persons are similar to England and the South-East.
- Since 1995 there has been a slight upward trend in the IW rate for **Males**, both for All Ages and the Under-75 age group. A contributor to this has been the increase in the number and rate of **Prostate Cancer** cases.
- Since 1995 there has been a slight downward trend in the IW rate for **Females** for All Ages and the Under-75 age group. Notwithstanding this trend, there has been a slight upward trend in the rate of **Lung Cancer** cases among females.

Data about the incidence of the most significant cancers in terms of the number and rate of new cases is shown separately. These cancers are Breast Cancer; Lung Cancer; Prostate Cancer and Colorectal Cancer.

INDICATOR DEFINITION	
<b>Indicator:</b>	Cancer Incidence: All Cancers
<b>Definition:</b>	All Cancers: directly age-standardised rate of new cases per 100,000 population.
<b>Numerator (number of people or events)</b>	Number of new cancer cases among people resident in the specified area which were registered in the specified years.  ICD 10 Code C00 - 97
<b>Denominator (total population or events)</b>	Resident population for the specified years. All Ages by Gender
<b>Geographic Coverage</b>	Local Authority
<b>Time period</b>	As shown above. Rates are shown for pooled three-year periods in order to present smoother trends over time.
<b>Data Source(s)</b>	Cancer Information Service NHS staff only.
<b>Significance for Health</b>	<b>Higher</b> rates are associated with <b>worse</b> health. <b>Lower</b> rates are associated with <b>better</b> health.
<b>Factors that might affect the Accuracy of this Indicator</b>	