

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

**2009**

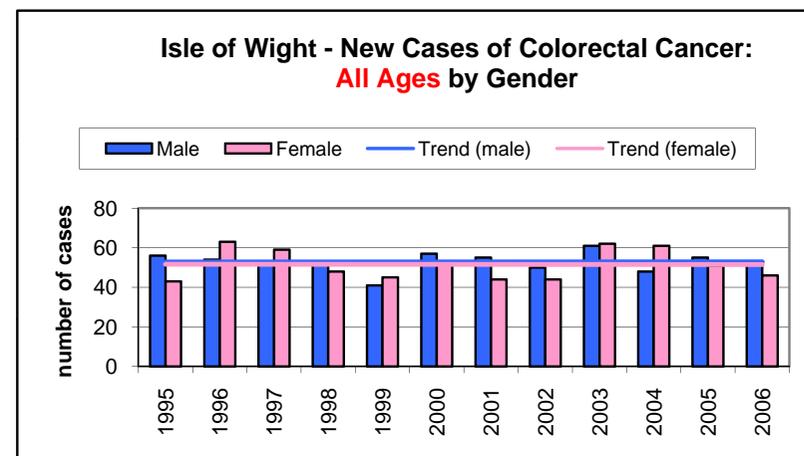
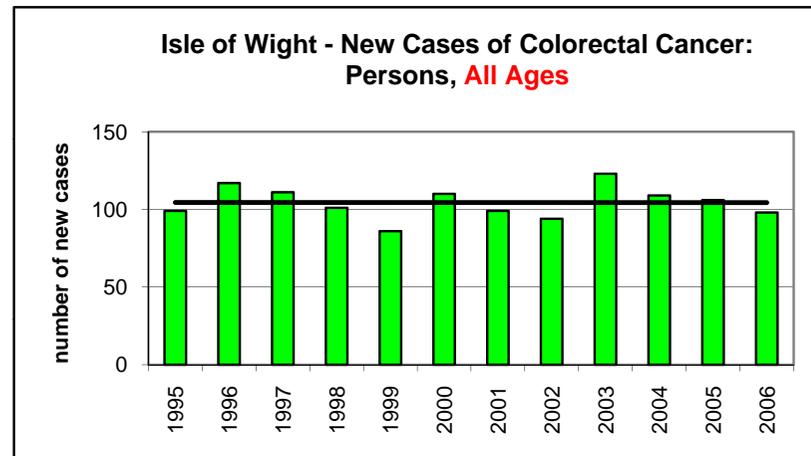


Domain: Burden of Ill Health  
 Sub-Domain: Cancer  
 Sub-sub- Domain: **Colorectal Cancer**

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

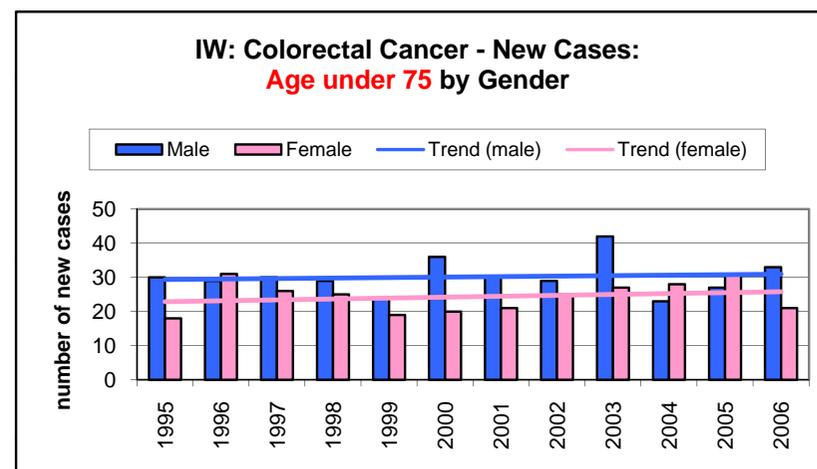
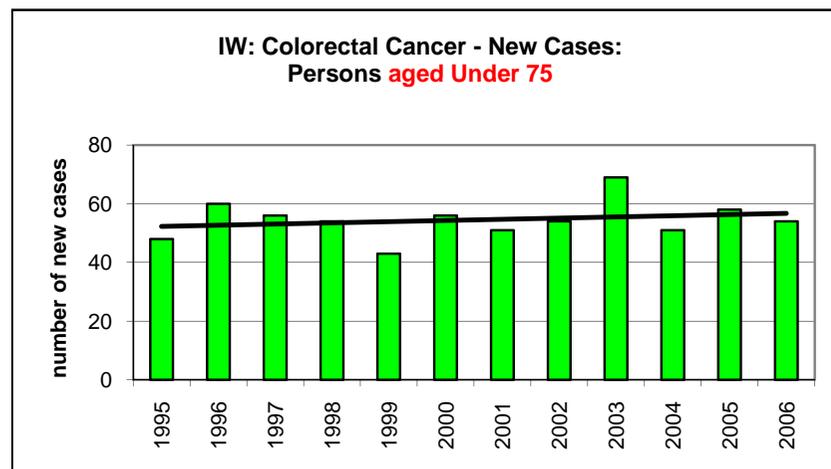
**Isle of Wight: Number of New Colorectal Cancer Cases by Year: All Ages**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Persons	97	103	76	84	93	101	116	94	107	75
Male	61	59	44	55	59	56	67	61	62	47
Female	36	44	32	29	34	45	49	33	45	28



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

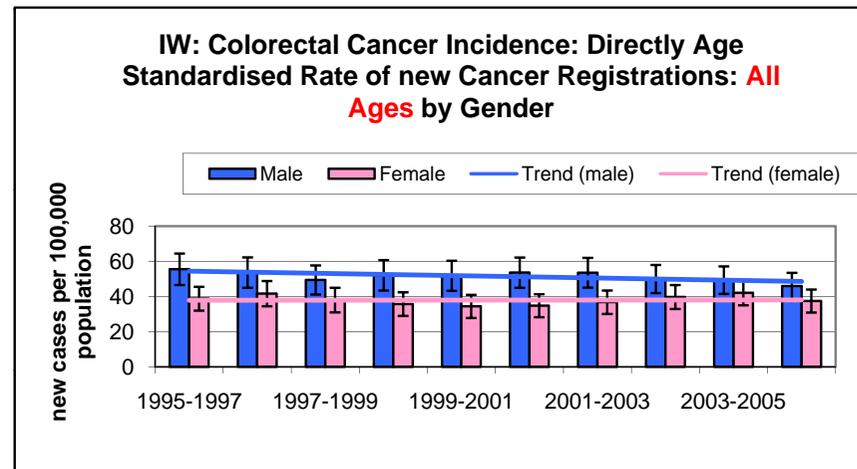
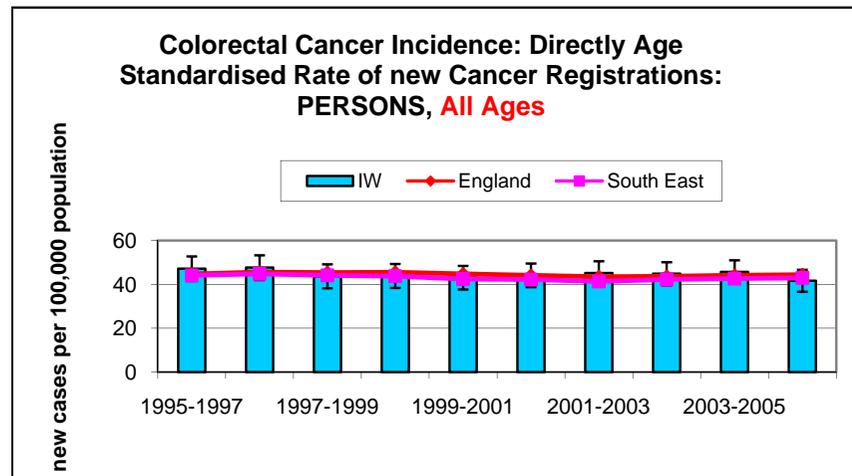
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Persons	56	54	43	56	51	54	69	51	58	54
Male	30	29	24	36	30	29	42	23	27	33
Female	26	25	19	20	21	25	27	28	31	21



Isle of Wight: Directly Age-Standardised Rate of New Colorectal 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	44.8	45.6	45.4	45.5	44.8	44.2	43.5	43.7	44.2	44.4
South East	44.1	44.8	44.1	43.8	42.4	42.2	41.4	42.3	42.7	43.0
IW	47.2	47.7	43.7	43.9	43.1	44.2	45.2	44.9	45.7	41.7

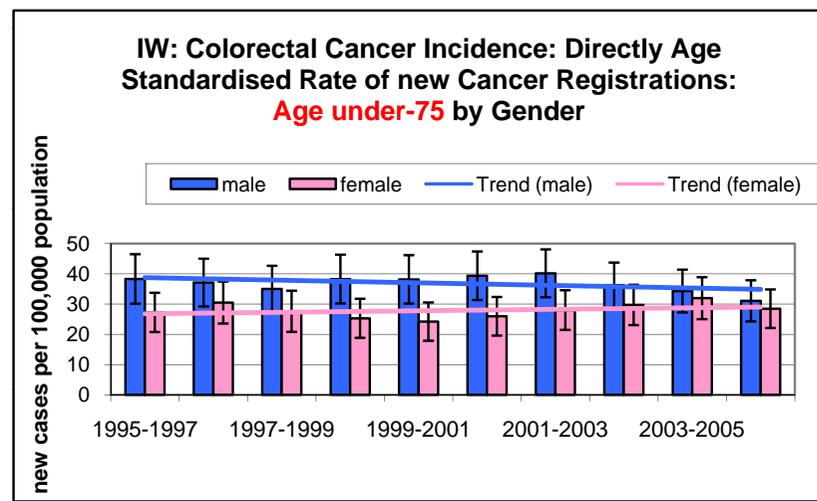
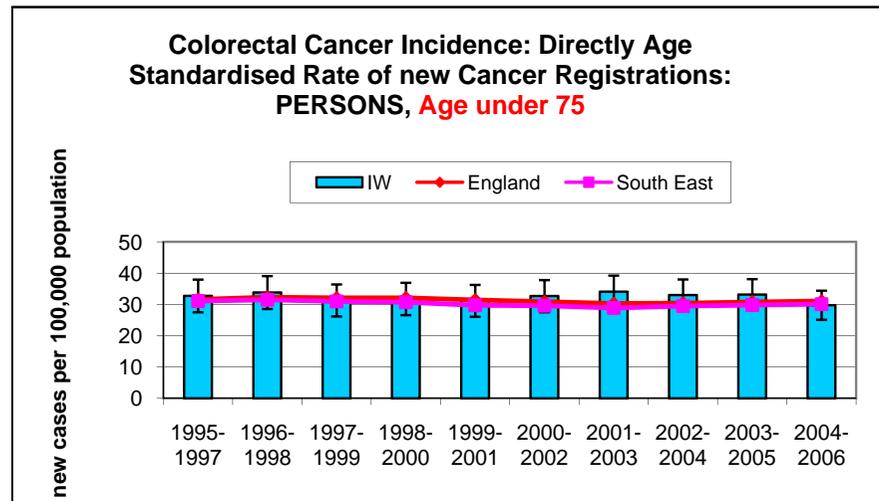
IW by Gender	1995-1997	1996-1998	1997-1999	1998-2000	1999-2001	2000-2002	2001-2003	2002-2004	2003-2005	2004-2006
male	55.5	53.7	49.4	52.1	51.8	53.6	53.6	50.0	49.3	45.9
female	38.8	41.7	38.0	35.7	34.4	34.8	36.8	39.7	42.1	37.5



Isle of Wight: Directly Age-Standardised Rate of New Colorectal 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	31.61	32.32	32.08	32.09	31.44	30.87	30.31	30.42	30.78	31.06
South East	31.07	31.47	30.93	30.68	29.70	29.57	28.84	29.44	29.79	30.09
IW	32.75	33.81	31.31	31.77	31.17	32.67	34.08	32.99	33.13	29.75

IW by Gender	1995-1997	1996-1998	1997-1999	1998-2000	1999-2001	2000-2002	2001-2003	2002-2004	2003-2005	2004-2006
male	38.3	37.1	35.0	38.3	38.1	39.4	40.2	36.3	34.3	31.1
female	27.2	30.5	27.6	25.3	24.2	25.9	28.0	29.7	31.9	28.4



## COMMENTARY

**Colorectal cancer** (cancer of the colon or rectum) is one of the 4 main cancers in terms of the number and rate of new cases.

The data above shows, for people of All Ages and in the Under-75 age group, numbers of new cases; and 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 Colorectal Cancer Cases**

- In both the All Ages and Under-75 age groups on the Island, there were slightly more new cases among Males compared with Females; this was more pronounced in the under-75 age group.
- In the **All Ages** age group, the trend in new cases was relatively flat among both Males and Females.
- In the **under-75** age group there was a slight upward trend in new cases for both Males and Females. The proportion of cases in this age group increased from 48% of all new cases in 1995 to 55% in 2006.

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

- Since 1995 there has been a slight downward trend in the rate of new cancer cases among Persons of **All Ages** on the Island. The most recent IW rate is similar to the England and South East rates.
- The rate among Persons **aged under-75** on the Island has been stable over this period and is similar to the England and South East rates.
- In the **All Ages** age group, the most recent IW rate for Males is higher, but not significantly so, than the rate for Females. Since 1995 both rates have fallen slightly.
- In the **under-75** age group, the IW rate for Males is higher, but not significantly so, than the rate for Females. Since 1995 the Male rate has fallen slightly, the Female rate has been flat.

## INDICATOR DEFINITION

<b>Indicator:</b>	Cancer Incidence: Colorectal Cancer
<b>Definition:</b>	Colorectal Cancer: directly age-standardised rate of new cases per 100,000 population.
<b>Numerator (number of people or events)</b>	Number of new Colorectal cancer cases among people resident in the specified area which were registered in the specified years. ICD 10 Codes C18 - 20
<b>Denominator (total population or events)</b>	Resident population for the specified years. All Ages and age under-75 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>	