

Isle of Wight Joint Strategic Needs Assessment: Core Dataset

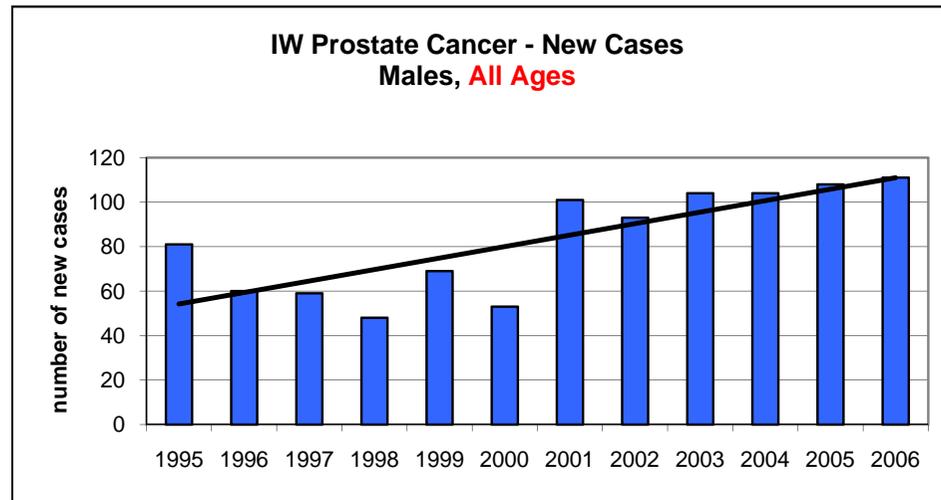
2009



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

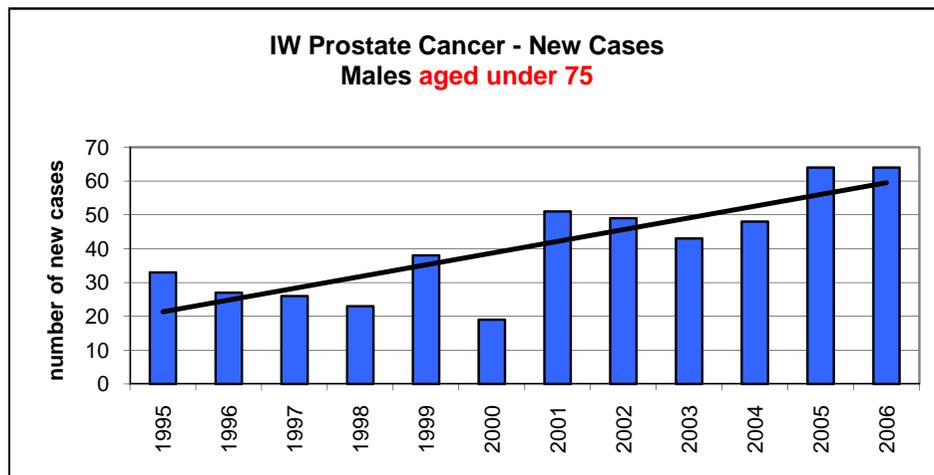
Isle of Wight: Number of New Prostate Cancer Cases by Year: Males, All Ages

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Male	59	48	69	53	101	93	104	104	108	111



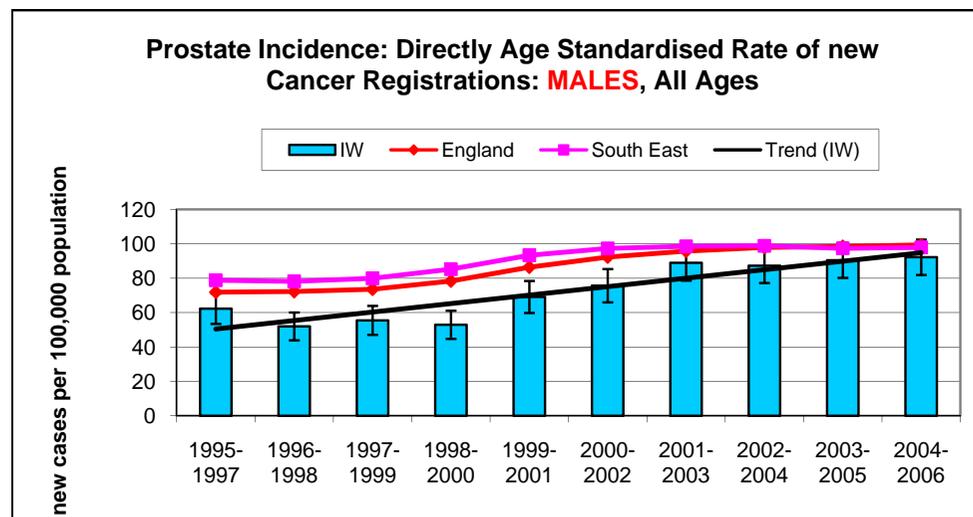
Isle of Wight: Number of New Prostate Cancer Cases by Year: **Males Age under 75**

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Male	26	23	38	19	51	49	43	48	64	64



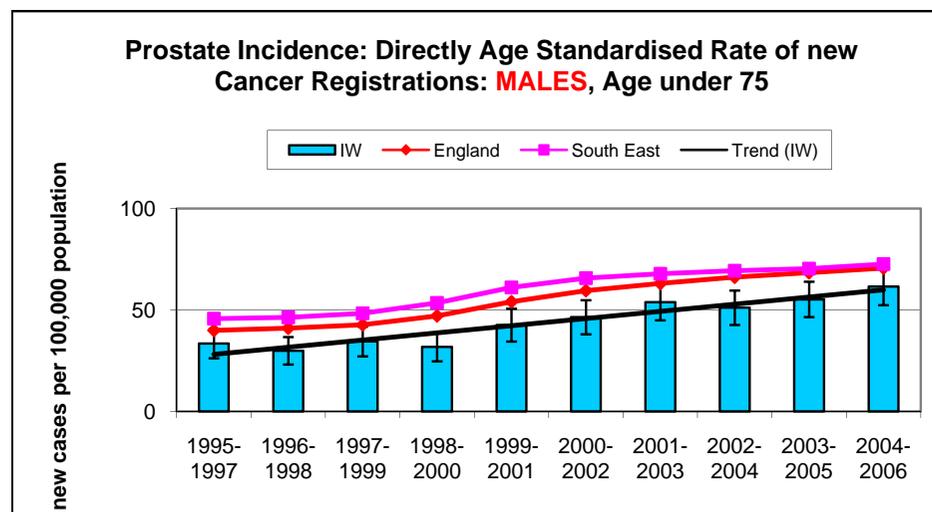
Isle of Wight: Directly Age-Standardised Rate of New Prostate Cancer Cases per 100,000 Population: **Males, All Ages**

Males	1995-1997	1996-1998	1997-1999	1998-2000	1999-2001	2000-2002	2001-2003	2002-2004	2003-2005	2004-2006
England	71.9	72.2	73.6	78.4	86.4	92.3	95.7	97.9	98.5	99.4
South East	78.8	78.1	79.9	85.2	93.3	97.3	98.6	98.9	97.4	97.9
IW	62.3	52.0	55.5	52.9	69.1	75.6	89.0	87.3	90.4	92.2



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

Males	1995-1997	1996-1998	1997-1999	1998-2000	1999-2001	2000-2002	2001-2003	2002-2004	2003-2005	2004-2006
England	39.96	41.04	42.73	47.09	54.06	59.54	63.07	66.15	68.36	70.60
South East	45.75	46.38	48.35	53.53	61.13	65.75	67.86	69.41	70.40	72.63
IW	33.44	29.91	34.52	31.77	42.58	46.43	53.83	51.14	55.22	61.52



COMMENTARY

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

The data above shows, for Males 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 Prostate Cancer Cases

- Between 1995 and 2006 on the Island, there was a significant upward trend in the number of new prostate cancer cases among males. New cases among males of **All Ages** increased by 37% and among males **aged under-75** by 94%.
- On the IW over this period, new cases of prostate cancer among males **aged under 75** increased as a proportion of all new cases from 41% in 1995 to 58% in 2006.
- These increases are likely to reflect greater public awareness of the symptoms of prostate cancer, and hence earlier diagnosis.

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

- Since 1995 the IW has seen a significant upward trend in the rate of new cancer cases among Males, both of **All Ages** and **aged under-75**. This upward trend is also evident for England and the South-East.
- Among males of **All Ages** the most recent IW rate is similar to the rates in England and the South East.
- Among males **aged under-75** the IW rate is lower than the rates for both England and the South East, though the difference with England might not be statistically significant.

INDICATOR DEFINITION

Indicator:	Cancer Incidence: Prostate Cancer
Definition:	Prostate Cancer: directly age-standardised rate of new cases per 100,000 population.
Numerator (number of people or events)	Number of new Prostate cancer cases among Males resident in the specified area which were registered in the specified years. ICD 10 Codes: C61
Denominator (total population or events)	Resident population for the specified years. Males, 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	