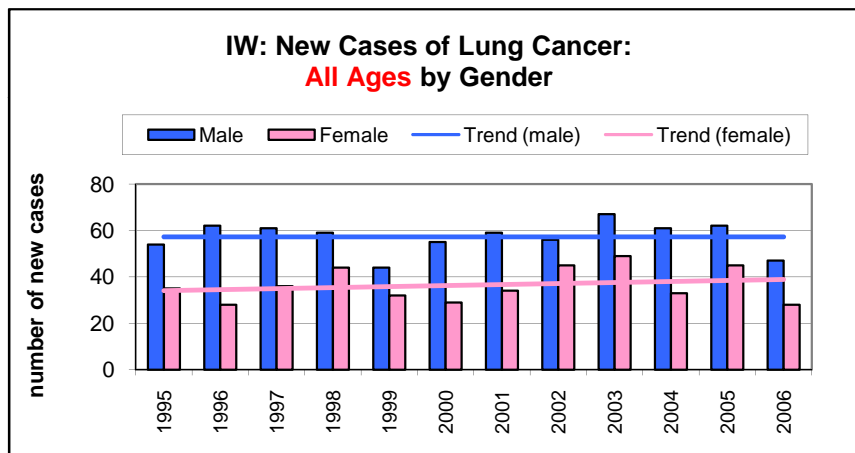
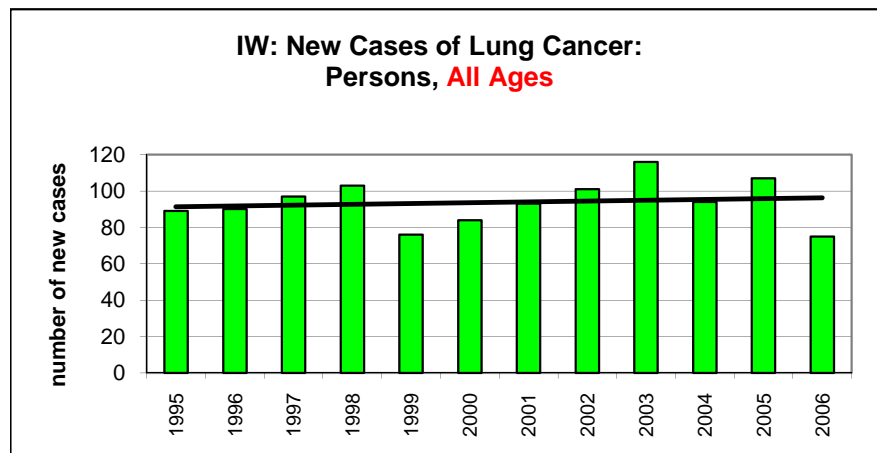


Isle of Wight Joint Strategic Needs Assessment: Core Dataset		2009		
Domain:	Burden of Ill Health	Indicator:	Cancer incidence: Lung Cancer	
Sub-Domain:	Cancer	Indicator References:	JSNA Core Dataset number: 44	
Sub-sub- Domain:	Lung Cancer	Data Source:	Cancer Information Service	
		Indicator definition:	see below	

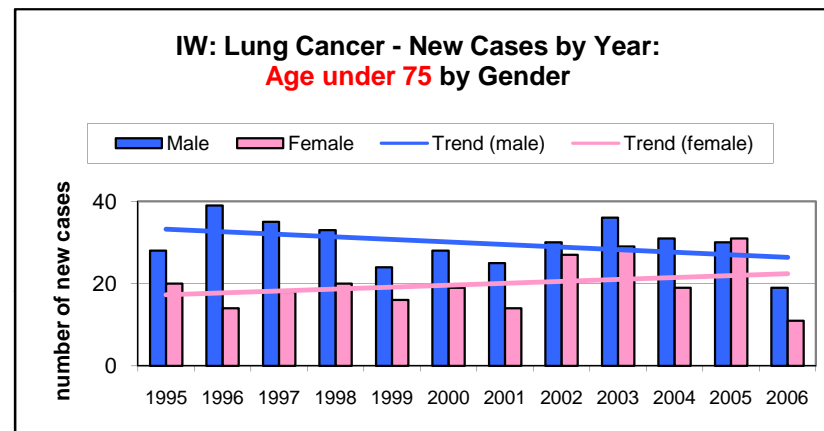
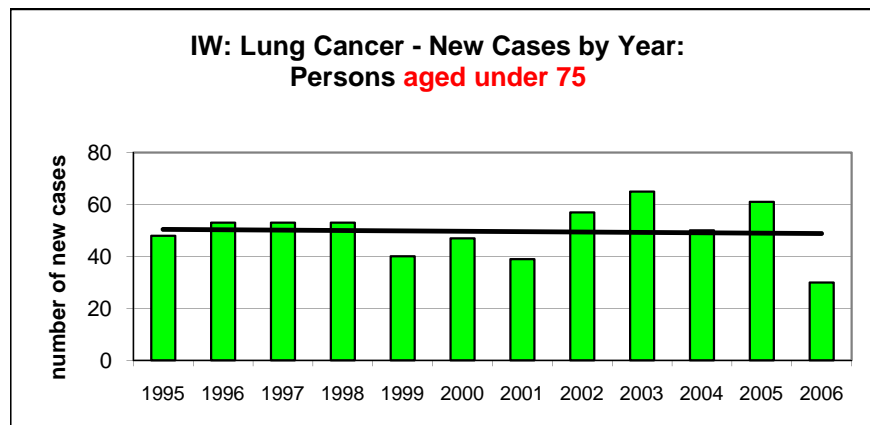
Isle of Wight: Number of New Lung Cancer Cases by Year: All Ages

	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 Lung Cancer Cases by Year: **Age under 75**

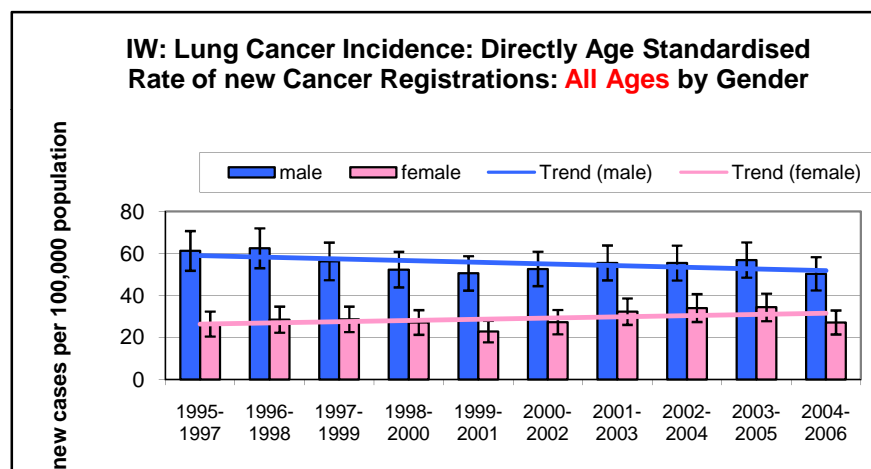
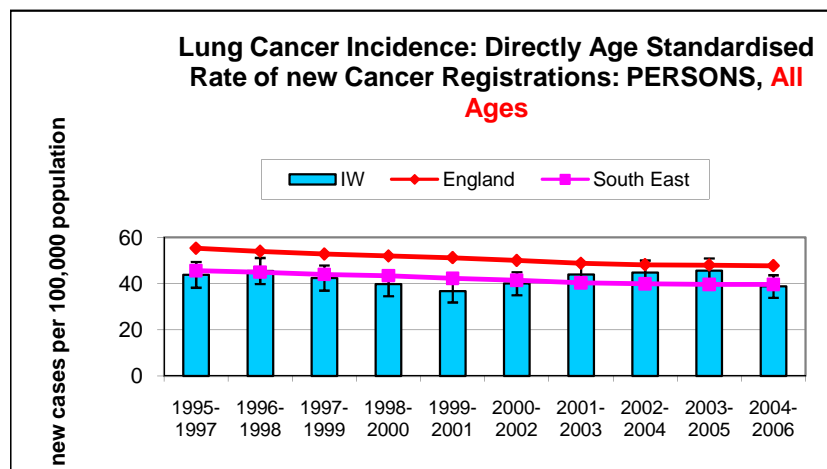
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Persons	53	53	40	47	39	57	65	50	61	30
Male	35	33	24	28	25	30	36	31	30	19
Female	18	20	16	19	14	27	29	19	31	11



Isle of Wight: Directly Age-Standardised Rate of New Lung 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	55.3	54.0	52.8	52.0	51.2	50.0	48.8	48.2	48.0	47.7
South East	45.6	45.0	44.0	43.4	42.3	41.5	40.4	39.9	39.6	39.6
IW	43.8	45.5	42.5	39.7	36.7	40.0	43.9	44.7	45.6	38.7

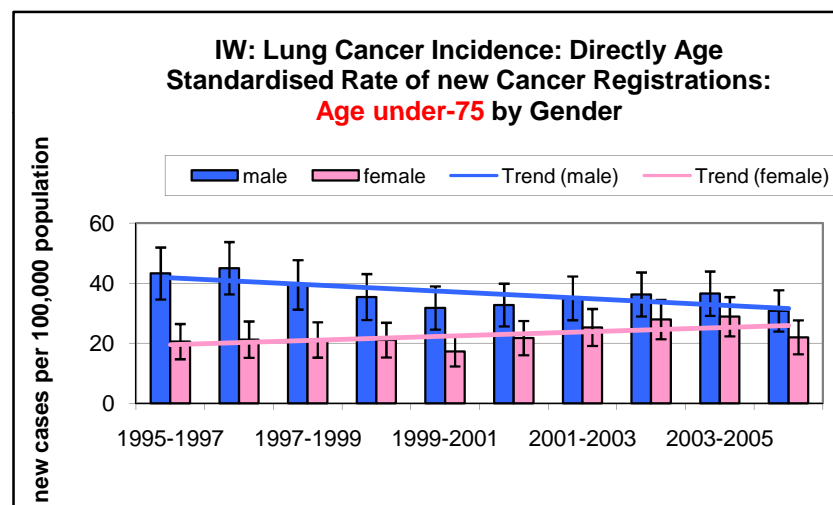
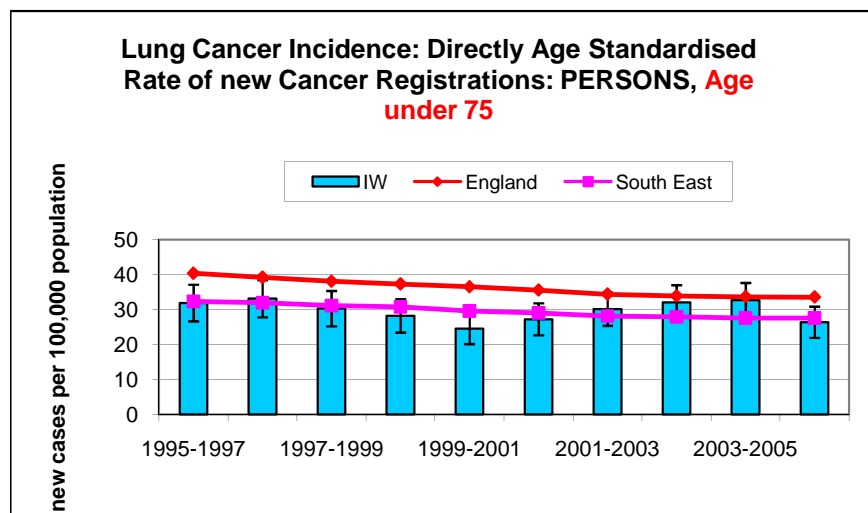
IW by Gender	1995-1997	1996-1998	1997-1999	1998-2000	1999-2001	2000-2002	2001-2003	2002-2004	2003-2005	2004-2006
male	61.3	62.5	56.2	52.3	50.5	52.6	55.5	55.4	56.9	50.3
female	26.4	28.5	28.7	27.2	22.9	27.3	32.3	34.0	34.4	27.2



Isle of Wight: Directly Age-Standardised Rate of New Lung 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	40.36	39.20	38.08	37.29	36.52	35.55	34.42	33.90	33.66	33.56
South East	32.34	31.93	31.12	30.77	29.56	29.02	28.17	27.97	27.58	27.59
IW	31.89	33.11	30.29	28.23	24.51	27.24	30.14	32.07	32.69	26.40

IW by Gender	1995-1997	1996-1998	1997-1999	1998-2000	1999-2001	2000-2002	2001-2003	2002-2004	2003-2005	2004-2006
male	43.2	45.0	39.5	35.4	31.8	32.7	35.0	36.3	36.5	30.8
female	20.5	21.2	21.1	21.1	17.3	21.7	25.3	27.9	28.8	22.0



COMMENTARY

Lung cancer 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 Lung Cancer Cases

- In both age groups on the Island, Males have experienced more new lung cancer cases than Females.
- In the **All Ages** age group, the trend in new cases was slightly downwards among Males but slightly upwards among Females.
- In the **under-75** age group there was a downward trend in new cases among Males but a slight upward trend among Females.
- The proportion of cases in the under-75 age group fell from 54% of all new cases in 1995 to 40% in 2006. This reflects historic differences in smoking prevalence.

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

- The rate of new cancer cases among Persons of **All Ages** on the Island has been stable since 1995. It is lower than the England rate and similar to the rate for the South East.
- The rate of new cancer cases among Persons **aged under-75** on the Island has fallen slightly over this period. It is lower than the England rate and similar to the rate for the South East.
- In the **All Ages** age group, the most recent IW rate for Males remains significantly higher than the rate for Females, but whereas over this period the Male rate has fallen slightly, the Female rate has increased slightly.
- In the **under-75 age group**, the most recent rate for Males was higher than for Females. However since 1995, while the rate for Males has fallen, the rate for Females has risen and, statistically, the rates are now similar.

INDICATOR DEFINITION	
Indicator:	Cancer Incidence: Trachea, Bronchus and Lung Cancer
Definition:	Trachea, Bronchus and Lung Cancer: directly age-standardised rate of new cases per 100,000 population.
Numerator (number of people or events)	Number of new Trachea, Bronchus and Lung cancer cases among people resident in the specified area which were registered in the specified years. ICD 10 Codes C33 - 34
Denominator (total population or events)	Resident population for the specified years. All Ages and age under-75 by Gender
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	