

Isle of Wight Joint Strategic Needs Assessment: Core Dataset

2009

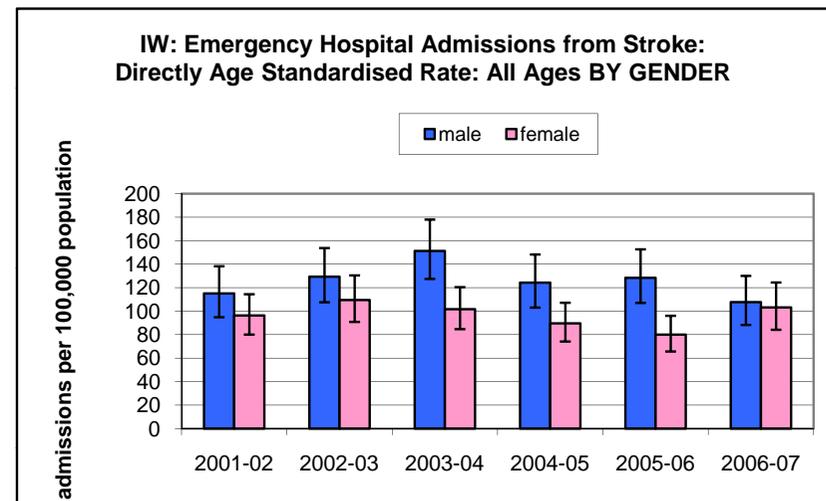
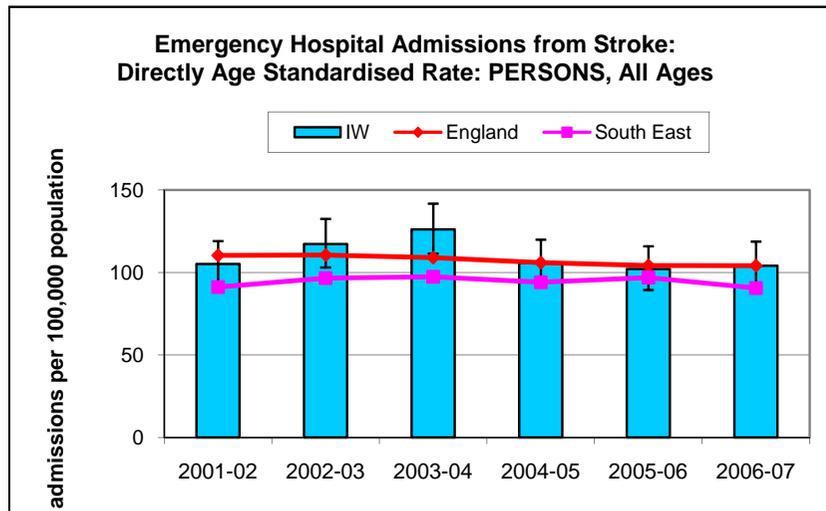


Domain:	Burden of Ill Health	Indicator:	Hospital admission rate for Stroke
Sub-Domain:	Circulatory	Indicator References:	JSNA Core Dataset number: 43
Sub-sub- Domain:	Stroke	Data Source:	Yorkshire and Humber Public Health Observatory
		Indicator definition:	see below

Stroke: Directly Age Standardised Rate of Emergency Hospital Admissions per 100,000 Population

Persons	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
England	110.4	110.6	109.0	106.0	104.2	104.1
South East	91.2	96.6	97.4	94.1	96.9	90.6
IW	105.1	117.2	126.1	105.7	102.1	104.1

IW by Gender	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
male	115.1	129.3	151.2	124.2	128.4	107.7
female	96.3	109.5	101.6	89.6	80.0	103.1



COMMENTARY

The rate of emergency hospital admissions for Stroke is used a proxy for the incidence (rate of new cases) of Stroke.

The chart **above, left** compares the Isle of Wight admission rate for Persons with the rates for England and the South East. The IW rate has been relatively stable over the period shown. In the most recent period available it was similar to England's rate and higher than the South-East's, but the IW rate's confidence intervals overlapped with both of those rates so the differences might not be statistically significant.

The chart **above, right** compares IW rates among males and females. Both rates have been relatively stable over the period shown. In the most recent period available they were very similar to each other.

INDICATOR DEFINITION	
Indicator:	Emergency Hospital Admissions for Stroke
Definition:	Directly Age Standardised Rate of Emergency Hospital Admissions for Stroke
Numerator (number of people or events)	Number of emergency hospital admissions for Stroke ICD-10 Codes I60 - 69
Denominator (total population or events)	Resident population for the specified years. All Ages by Gender
Geographic Coverage	Local Authority
Time period	As shown above.
Data Source(s)	Yorkshire and Humber Public Health Observatory http://www.yhpho.org.uk/atlas/0Local_Authorities_Eng/singlemap%20england2/atlas.html
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	