

Isle of Wight Joint Strategic Needs Assessment: Core Dataset

2009

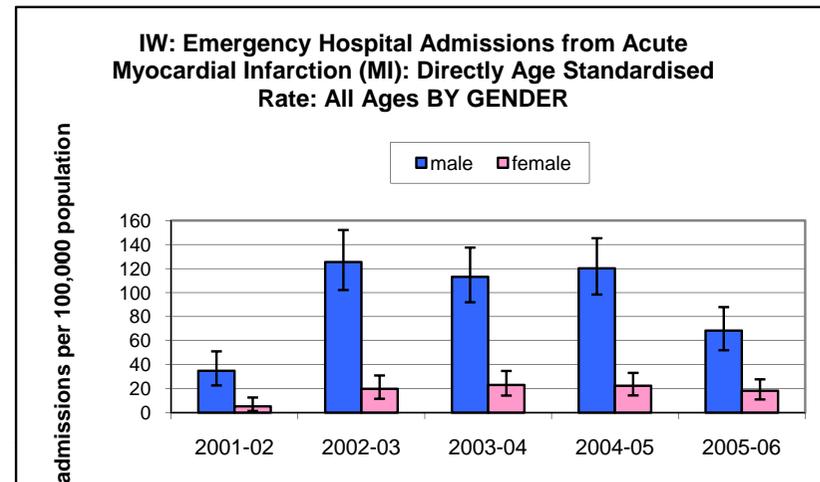
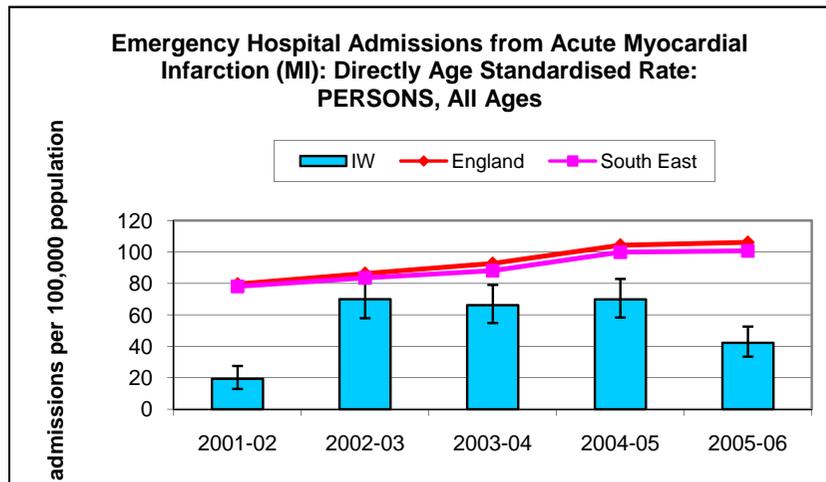


Domain:	Burden of Ill Health	Indicator:	Hospital admission rate for Acute Myocardial Infarction
Sub-Domain:	Circulatory	Indicator References:	JSNA Core Dataset number: 40
Sub-sub- Domain:	Coronary Heart Disease	Data Source:	Yorkshire and Humber Public Health Observatory
		Indicator definition:	see below

Acute Myocardial Infarction: Directly Age Standardised Rate of Emergency Hospital Admissions per 100,000 Population

Persons	2001-02	2002-03	2003-04	2004-05	2005-06
England	110.6	113.7	110.4	107.5	101.7
South East	93.9	95.0	93.4	97.9	93.4
IW	133.2	149.7	107.6	107.9	97.0

Isle of Wight	2001-02	2002-03	2003-04	2004-05	2005-06
male	200.2	233.9	169.5	185.4	148.3
female	76.2	78.0	50.8	44.2	50.6



COMMENTARY

The rate of emergency hospital admissions for Acute Myocardial Infarction, or heart attack, is used as a proxy for the incidence (rate of new cases) of Coronary Heart Disease. The National Service Framework for Coronary Heart Disease included among its standards reducing heart disease in a population and reducing the risk of dying among people who do experience heart attacks.

The chart **above, left** compares the Isle of Wight admission rate for Persons with the rates for England and the South East. At the start of the period shown IW rates were slightly higher than both, but IW rates have fallen over this period and are now similar.

The chart **above, right** compares IW rates among males and females. The rate among males is significantly higher than the rate among females, reflecting the national pattern. Both rates have fallen over the period shown, with the male rate falling more steeply from a higher baseline.

INDICATOR DEFINITION	
Indicator:	Emergency Hospital Admissions for Acute Myocardial Infarction
Definition:	Directly Age Standardised Rate of Emergency Hospital Admissions for Acute Myocardial Infarction
Numerator (number of people or events)	Number of emergency hospital admissions for acute myocardial infarction ICD-10 Codes I21 - I22
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	