

Model for estimating the prevalence of Heart Failure

The Public Health Intelligence Unit developed the heart failure prevalence model to support Doncaster PCT's development of the Quality and Outcomes Framework (QOF). The model estimates prevalence for people of all ages who have heart failure within practice populations.

Data from the General Practice Research Database¹ produces age-sex prevalence rates by Townsend Deprivation quintile². The average rate across each quintile was used.

Prevalence per 1,000 by age and sex							
	0-34	35-44	45-54	55-64	65-74	75-84	85 +
Men	0.1	0.4	2.7	13.7	44.7	108.4	191.2
Women	0.1	0.3	1.8	9.1	35.3	96.9	189.8

No further adjustments were made.

1. As used in *Ellis C, Gnani S and Majeed A (2001) Prevalence and management of heart failure in General Practice in England and Wales, 1994-1998. Health Statistics Quarterly 11: 17-24.*

2. Deprivation categories were derived using the Townsend Material Deprivation Score at ward level. The category Q1 contains the 20% least deprived wards in England and Wales and category Q5 contains the 20% most deprived wards.