

Properties health care system England & the Netherlands

Table : Characteristics of the hospital referral networks in England and the Netherlands, based on data from respectively the NHS Hospital Episode Statistics (from April 2006 until March 2007) and the National Medical Registry (from January 2004 until December 2004).

	England	The Netherlands
Inhabitants	51.092.000	16.282.000
Patients	7.420.219	1.676.704
Admissions	12.929.171	2.611.452
Patients per capita (/1.000)	145	103
Admissions per capita (/1.000)	253	160
Hospital organizations	146	98
Readmissions to same hospital	4.891.343	805.128
Readmissions per hospital	33502,35	8215,59
Between hospital referrals	617.609	129.620
Between hospital referrals per hospital	4.230	1.322
Network Modularity Q ¹	0,72	0,57
Network Modularity Q incl. self-referral ¹	0,88	0,78

References

- [1] Newman MEJ, Girvan M. Finding and evaluating community structure in networks. Physical Review E - Statistical, Nonlinear and Soft Matter Physics. 2004;69(2 Pt 2):16.

¹The network modularity Q [1] was first calculated based on between hospital transfers, and then recalculated to take readmissions to the same hospital into account.