

English Standard Region	Centre Name/ Location	Treated at Centre from Within Catchment Area	Treated at Centre from Outside Catchment Area	Treated at Other Centre from Within Catchment Area	R x 100/(R+I)	Y	Y/X
		R	I	E	X	Y	Y/X
East Midlands	Derby Hospitals	1450	169	224	89.6	86.6	0.97
East Midlands	Northampton General Hospital	1656	106	127	94.0	92.9	0.99
East Midlands	Nottingham University Hospitals	2291	237	112	90.6	95.3	1.05
East Midlands	United Lincolnshire Hospitals	1515	85	167	94.7	90.1	0.95
East Midlands	University Hospitals Leicester	2031	82	109	96.1	94.9	0.99
East of England	Cambridge University Hospitals	2941	608	385	82.9	88.4	1.07
East of England	Colchester Hospital University	1731	93	127	94.9	93.2	0.98
East of England	Ipswich Hospital	1015	63	97	94.2	91.3	0.97
East of England	Norfolk and Norwich University Hospitals	2259	171	80	93.0	96.6	1.04
East of England	Peterborough and Stamford Hospitals	615	120	248	83.7	71.3	0.85
East of England	Southend University Hospital	1481	53	124	96.5	92.3	0.96
London	Barking, Havering and Redbridge University Hospitals	1023	110	251	90.3	80.3	0.89
London	Barts and The London	1242	396	257	75.8	82.9	1.09
London	East and North Hertfordshire*	3294	638	1030	83.8	76.2	0.91
London	Guy's and St Thomas'	2801	541	241	83.8	92.1	1.10
London	Imperial College Healthcare	1663	546	475	75.3	77.8	1.03
London	North Middlesex University Hospital	1109	236	511	82.5	68.5	0.83
London	Royal Free London	270	427	196	38.7	57.9	1.50
London	Royal Marsden	3234	1197	493	73.0	86.8	1.19
London	University College London Hospitals	457	1156	319	28.3	58.9	2.08
North East	Newcastle on Tyne Hospitals	3927	160	41	96.1	99.0	1.03

Italian Region	Treated at Centre Within Region of Residence	Treated at Centre from Outside Region	Treated at Centre Outside Region of Residence	R x 100/(R+I)	Y	Y/X
	R	I	E	X	Y	Y/X
Piemonte	347	44	101	88.7	77.46	0.87
Lombardia	1260	283	154	81.7	89.11	1.09
Trentino Alto Adige	53	9	49	85.5	51.96	0.61
Veneto	299	37	177	89.0	62.82	0.71
Friuli VG	129	67	22	65.8	85.43	1.30
Liguria	73	40	83	64.6	46.79	0.72
Emilia-Romagna	768	565	105	57.6	87.97	1.53
Toscana	494	754	76	39.6	86.67	2.19
Umbria	6	27	58	18.2	9.38	0.52
Marche	106	56	102	65.4	50.96	0.78
Lazio	672	133	220	83.5	75.34	0.90
Ambruzzo	1	0	117	100.0	0.85	0.01
Molise	6	10	48	37.5	11.11	0.30
Campania	535	18	280	96.7	65.64	0.68
Puglia	405	109	238	78.8	62.99	0.80
Basilicata	33	82	47	28.7	41.25	1.44
Calabria	122	2	182	98.4	40.13	0.41
Sicilia	473	27	142	94.6	76.91	0.81
Sardegna	288	4	54	98.6	84.21	0.85
GRAND TOTAL	6070	2267	2255	72.8	72.91	1.00

North East	South Tees Hospitals	2389	52	128	97.9	94.9	0.97	NB
North West	Christie Hospital	7184	361	277	95.2	96.3	1.01	
North West	Clatterbridge Cancer Centre	5309	212	117	96.2	97.8	1.02	
North West	North Cumbria University Hospitals	828	14	64	98.3	92.8	0.94	The Valle d'Aosta radiotherapy centre does not treat inpatients  Therefore all such patients are treated in another region
North West	Lancashire Teaching Hospitals	3514	77	220	97.9	94.1	0.96	
South East	Brighton and Sussex University Hospitals	2073	183	236	91.9	89.8	0.98	
South East	Maidstone and Tunbridge Wells	4414	115	390	97.5	91.9	0.94	
South East	Oxford University Hospitals	2700	290	284	90.3	90.5	1.00	
South East	Portsmouth Hospitals	1965	172	140	92.0	93.3	1.02	
South East	Royal Berkshire	1533	152	291	91.0	84.0	0.92	
South East	Royal Surrey County Hospital	2476	358	497	87.4	83.3	0.95	
South East	University Hospital Southampton	2216	282	254	88.7	89.7	1.01	
South West	Gloucestershire Hospitals	3065	143	146	95.5	95.5	1.00	
South West	Plymouth Hospitals	1087	78	47	93.3	95.9	1.03	
South West	Poole Hospital	2101	82	123	96.2	94.5	0.98	
South West	Royal United Hospital Bath	1118	91	216	92.5	83.8	0.91	
South West	Royal Cornwall Hospitals	1259	12	68	99.1	94.9	0.96	
South West	Royal Devon and Exeter	1479	194	95	88.4	94.0	1.06	
South West	South Devon Healthcare	804	21	108	97.5	88.2	0.90	
South West	Taunton and Somerset	910	80	187	91.9	83.0	0.90	
South West	University Hospitals Bristol	2299	337	76	87.2	96.8	1.11	
West Midlands	Royal Wolverhampton	1619	320	311	83.5	83.9	1.00	
West Midlands	Shrewsbury and Telford Hospital	988	45	116	95.6	89.5	0.94	
West Midlands	University Hospitals Birmingham	3303	542	412	85.9	88.9	1.03	
West Midlands	University Hospitals Coventry and Warwickshire	2345	269	189	89.7	92.5	1.03	
West Midlands	University Hospital of North Staffordshire	1606	190	160	89.4	90.9	1.02	
Yorkshire & Humber	Hull and East Yorkshire Hospitals	2575	116	115	95.7	95.7	1.00	* Royal Marsden is part of this Trust and is geographically based in London, although it serves East and North Hertfordshire as well as parts of London
Yorkshire & Humber	Leeds Teaching Hospitals	5189	142	141	97.3	97.4	1.00	
Yorkshire & Humber	Sheffield Teaching Hospitals	3950	125	95	96.9	97.7	1.01	
GRAND TOTAL		110303	12249	11117	90.0	90.8	1.01	

**Table 2 *Nomogramma di Gandy* figures from the two research studies**