



LJMU Research Online

Gandy, RJ

Testing the Self-Sufficiency of Radiotherapy Catchment Areas

<http://researchonline.ljmu.ac.uk/3318/>

Article

Citation (please note it is advisable to refer to the publisher's version if you intend to cite from this work)

Gandy, RJ (2014) Testing the Self-Sufficiency of Radiotherapy Catchment Areas. *Applied Spatial Analysis and Policy*, 7 (3). pp. 225-243. ISSN 1874-463X

LJMU has developed [LJMU Research Online](#) for users to access the research output of the University more effectively. Copyright © and Moral Rights for the papers on this site are retained by the individual authors and/or other copyright owners. Users may download and/or print one copy of any article(s) in LJMU Research Online to facilitate their private study or for non-commercial research. You may not engage in further distribution of the material or use it for any profit-making activities or any commercial gain.

The version presented here may differ from the published version or from the version of the record. Please see the repository URL above for details on accessing the published version and note that access may require a subscription.

For more information please contact researchonline@ljmu.ac.uk

<http://researchonline.ljmu.ac.uk/>

Table 1 Radiotherapy Patients Treated For Each Cancer Centre Catchment Area With *NdiG* Values (01/04/2011 – 30/03/2012)

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)	R x 100/(R+E)	
		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 & Norwich University Hospitals	2259	171	80	93.0	96.6	1.04
East of England	Peterborough & 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 & Redbridge Univ Hosps	1023	110	251	90.3	80.3	0.89
London	Barts & The London	1242	396	257	75.8	82.9	1.09
London	East & North Hertfordshire*	3294	638	1030	83.8	76.2	0.91
London	Guy's & 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 Upon Tyne Hospitals	3927	160	41	96.1	99.0	1.03
North East	South Tees Hospitals	2389	52	128	97.9	94.9	0.97
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
North West	Lancashire Teaching Hospitals	3514	77	220	97.9	94.1	0.96
South East	Brighton & Sussex University Hospitals	2073	183	236	91.9	89.8	0.98
South East	Maidstone & 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 & 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 & 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 & 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	Univ Hospitals Coventry & 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
Yorks & Humber	Hull & East Yorkshire Hospitals	2575	116	115	95.7	95.7	1.00
Yorks & Humber	Leeds Teaching Hospitals	5189	142	141	97.3	97.4	1.00
Yorks & Humber	Sheffield Teaching Hospitals	3950	125	95	96.9	97.7	1.01
	GRAND TOTAL	110303	12249	11117	90.0	90.8	1.01

* 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