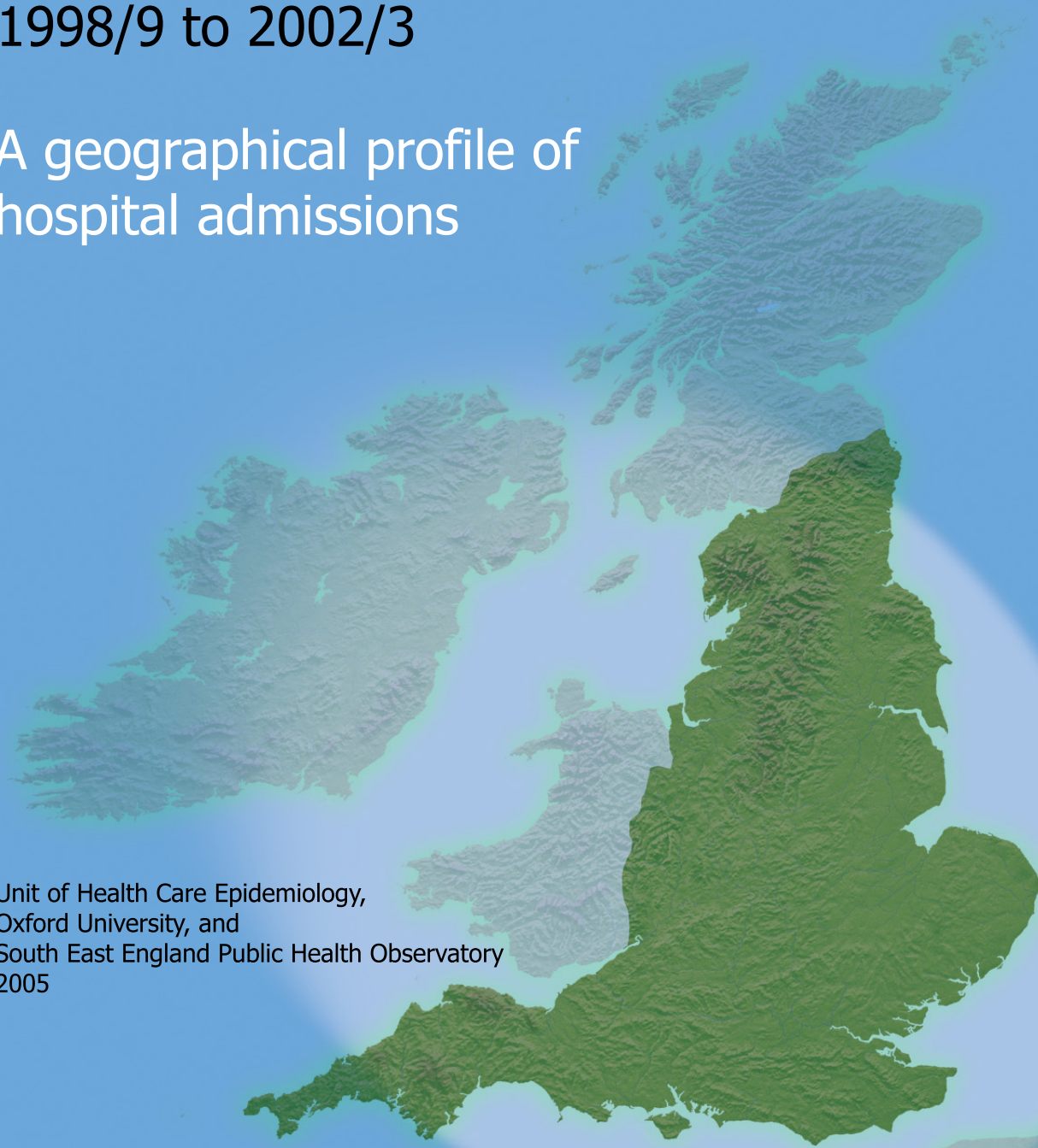


Cancer of lung in England 1998/9 to 2002/3

A geographical profile of
hospital admissions

Unit of Health Care Epidemiology,
Oxford University, and
South East England Public Health Observatory
2005



Lung cancer in England 1998/9 to 2002/3.

A geographical profile of hospital admissions.

**Authors: Michael Goldacre, David Yeates, Leicester Gill,
Henry McGuinness, Daniel Meddings**

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This document provides a geographical profile of hospital admission for cancer of the bronchus and lung in England. The geographical areas covered are the standard local authority areas of England. The period covered is April 1 1998 to March 31 2003. The data are from Hospital Episode Statistics (HES). HES includes data on all NHS hospital admissions (including admissions for day case care). This analysis includes HES data about men and women of all ages.

The maps show:

- (a) The spell-based admission rates per 100,000 resident population for each local authority per year, expressed as an average annual rate. The spell is the hospital admission, representing the continuous time spent in a hospital Trust from admission to discharge. A person admitted several times for the diagnosis is counted as many times as he/she has admissions. The data in the maps are shown as quintiles of local authorities, with the one-fifth of local authorities with the lowest rates shown in the lightest colour and the one-fifth of local authorities with the highest rates shown in the darkest colour.
- (b) The person-based admission rate per 100,000 resident population for each local authority area per year, counting people once (and only once) per year in which they were admitted, expressed as an average

annual rate. If the person has another admission for the condition in a different year, he/she is counted once again (and only once) for each different year of admission.

- (c) The ratio of the number of spells with the diagnosis (a, above) per person admitted with the diagnosis (b, above), expressed as an annual average.

The two error-bar charts provide a plot of the values of the average annual spell-based rate and the average annual person-based rate (counting people once, and only once, in each year) for each local authority. Each vertical line represents one local authority area. It shows the point estimate for the standardised rate for the area with its 95% confidence interval. At a glance, the error-bar charts show the spread of rates across England and the extent to which variation across the country is statistically significant.

The first scatter-plot shows the number of spells per person plotted against the person-based rate. The second scatter-plot shows the average Index of Multiple Deprivation (IMD 2004) score for each local authority plotted against the person-based rate (counting people once, and only once, in each year) for each local authority in England.

The first table shows the individual values for each local authority, with the local authorities ranked in alphabetical order. For each local authority, the information in the table provides data about spells showing the observed number of spells (Obs.); the expected number of spells (Exp.), obtained by applying national age-sex-specific rates to the age-sex distribution of the local authority population; the age-standardised rate, calculated by indirect standardisation, expressed per 100,000 population with the 95% lower and upper confidence limits for the rate; and the same measures for people

admitted (counting people once, and only once, in each year) per 100,000 population per year.

The second table shows the local authority areas ranked according to the standardised spell-based admission rate (ranked from highest to lowest rate).

The third table shows the local authority areas ranked according to the standardised person-based admission rate, in which people are counted once per year (ranked from highest to lowest rate).

Some technical notes:

- Dataset used: UHCE-built linked file for England, 1998-2003, CIPS file, analysis template 2a
- Diagnosis codes used: ICD10 code C34
- Diagnosis position: principal diagnosis in either the first or the last FCE in the CIPS
- Operation codes used: -
- Operation position: -
- Period covered: admissions from 1.4.1998 to 31.3.2003
- Source of admission: all
- Exclusion of successive admissions: -
- Specialty restriction: -
- Age/sex restriction: all ages, both sexes
- Restrictions relating to presence of other diagnoses or operations: none
- Restrictions relating to length of stay: none
- Restrictions relating to type of hospital: those in England only, otherwise none

- Place of residence: that on HES record at the time of admission; in the analysis of 'person-based rates' someone who moves home and has an admission from two different areas is counted twice – once for each area.

We are very grateful for technical and clerical support from Susan Flynn, for statistical advice from Valerie Seagroatt and for computing support from Glenys Bettley. David Yeates, Leicester Gill, Glenys Bettley, Susan Flynn and Valerie Seagroatt are funded by the NHS National Centre for Research Capacity Development. Henry McGuinness and Daniel Meddings are funded by the South East England Public Health Observatory. Ethical approval: REC references 04/Q2006/175 and 04/Q2006/176.

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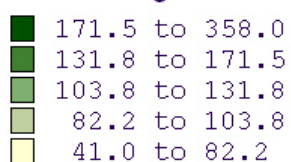
Lung cancer: spells: men and women

Indirectly standardised rate per 100000: each local authority in England

Principal diagnosis on admission or discharge: 1998/99 to 2002/03

C34.0-C34.9

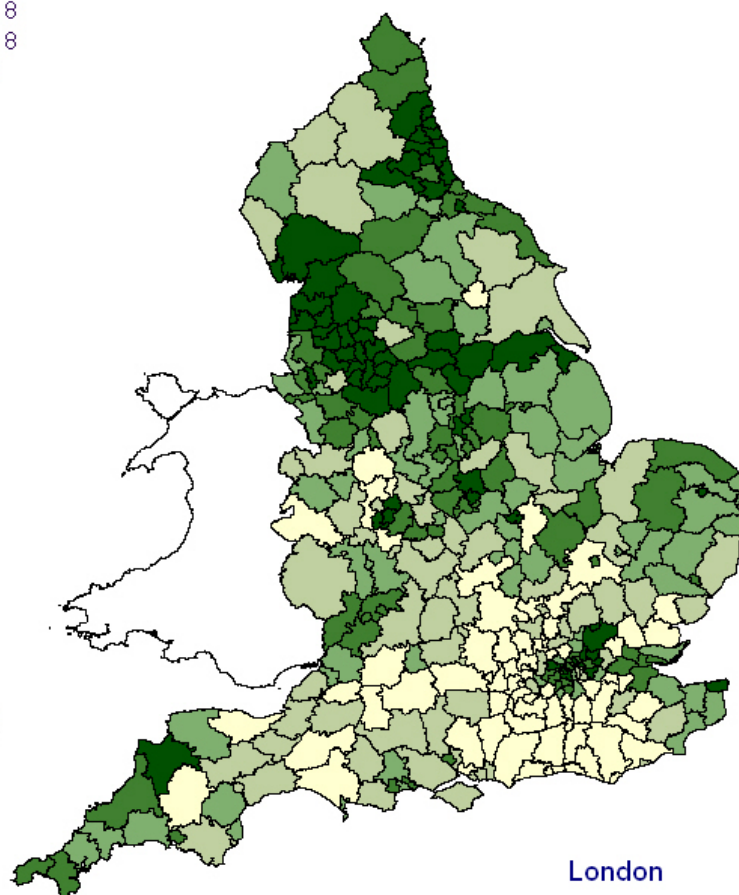
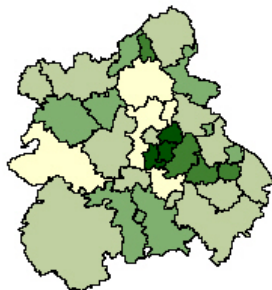
Quintile range of rates



Manchester



West Midlands



London



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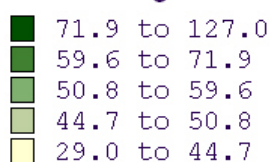
Lung cancer : people: men and women

Indirectly standardised rate per 100000: each local authority in England

Principal diagnosis on admission or discharge: 1998/99 to 2002/03

C34.0-C34.9

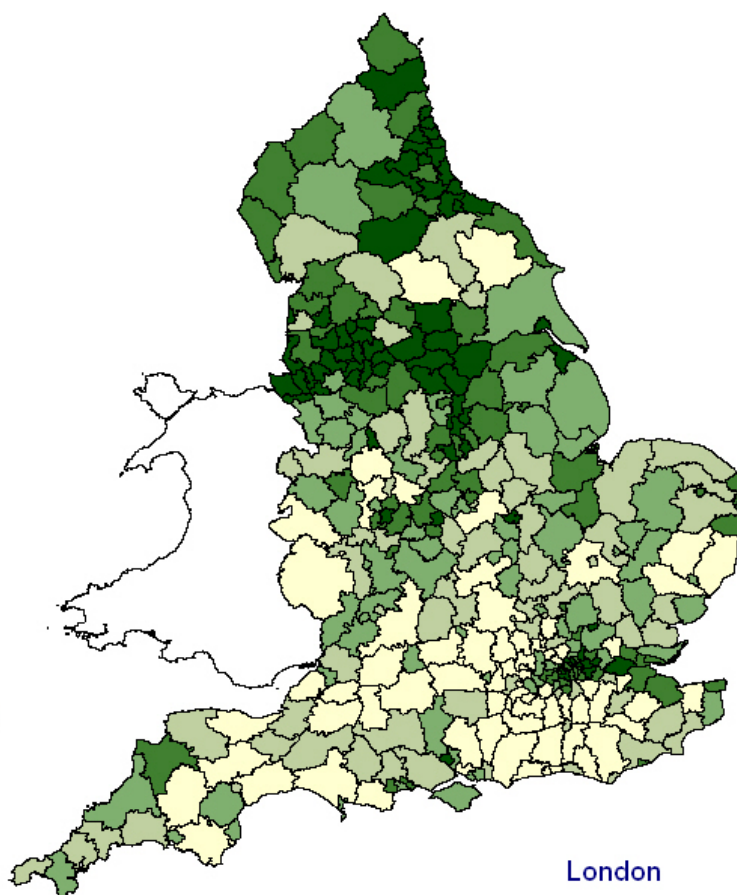
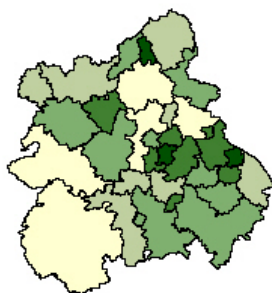
Quintile range of rates



Manchester



West Midlands



London



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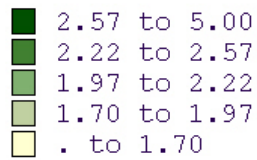
Lung cancer: ratios: men and women

Number of spells per person: each local authority in England

Principal diagnosis on admission or discharge: 1998/99 to 2002/03

C34.0-C34.9

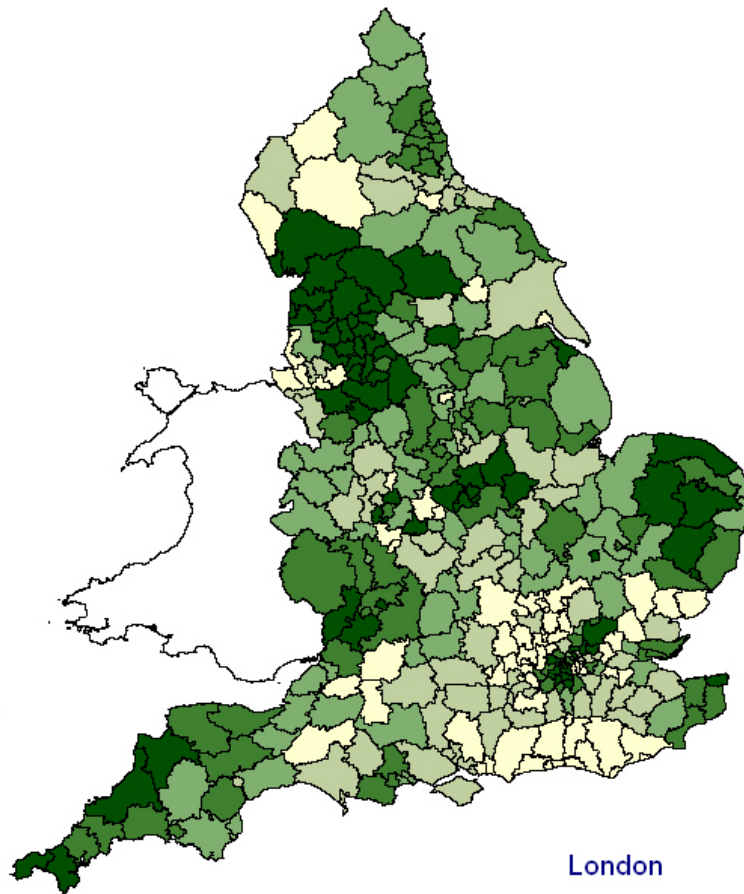
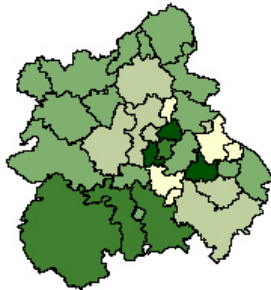
Ratios



Manchester



West Midlands

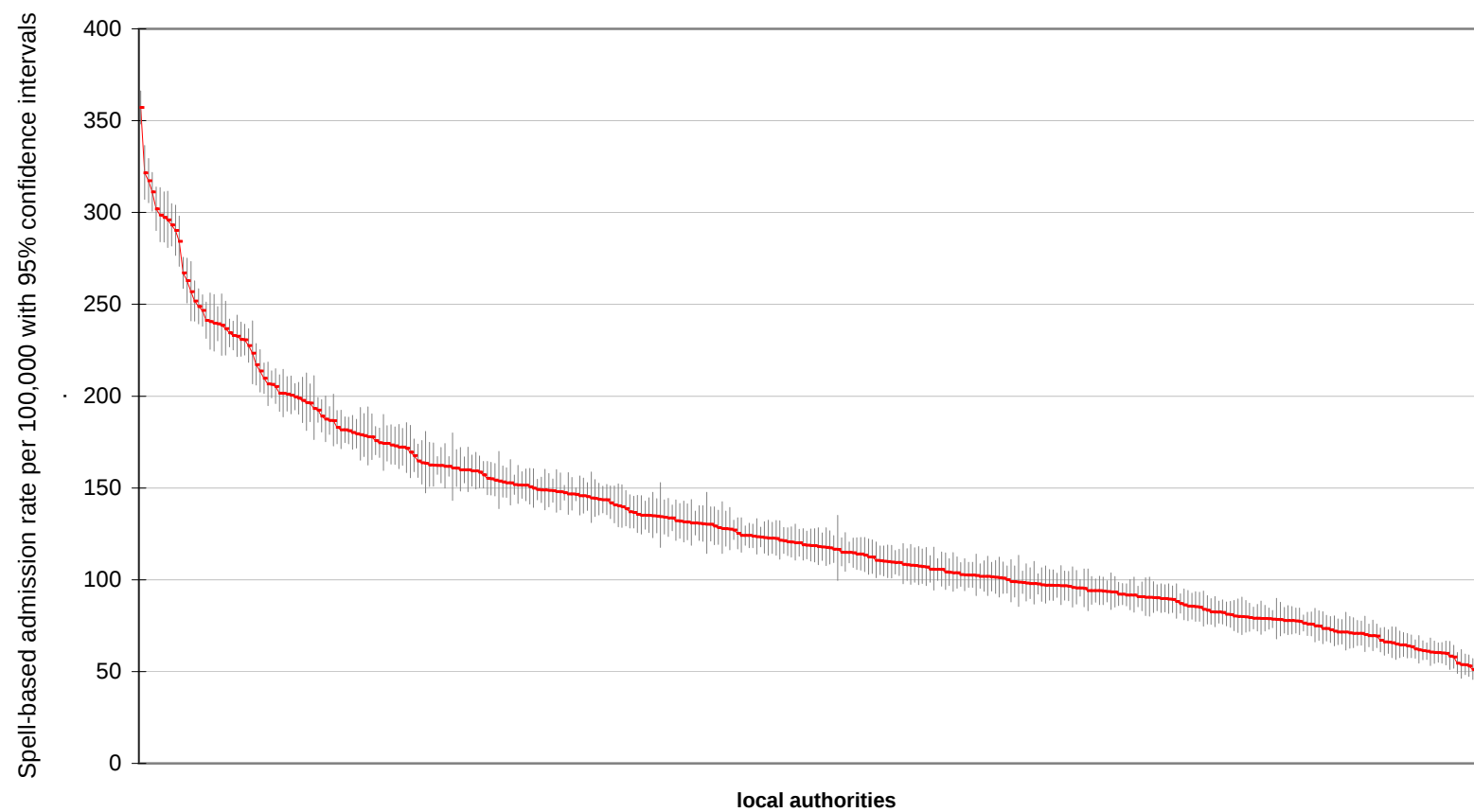


London

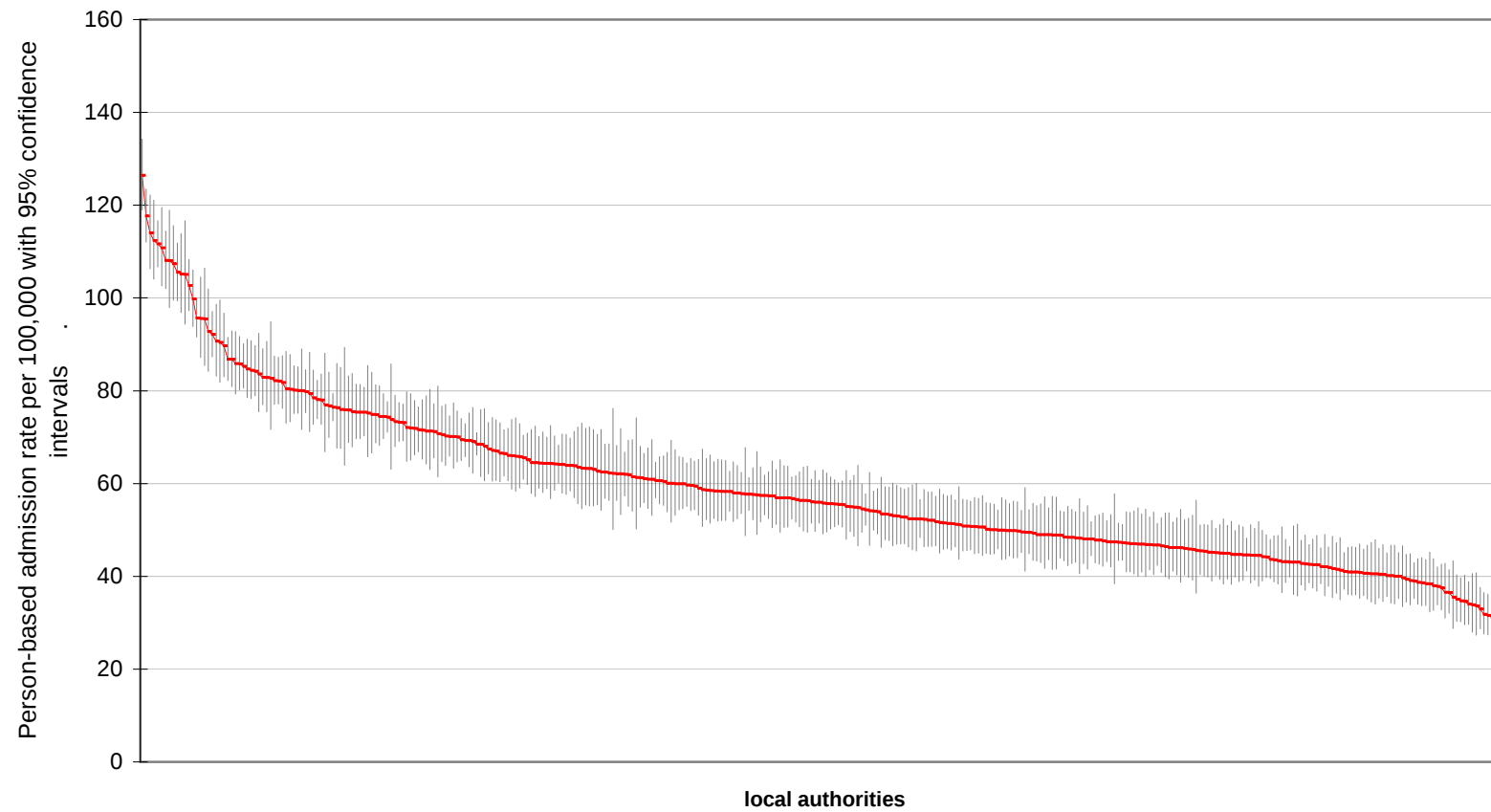


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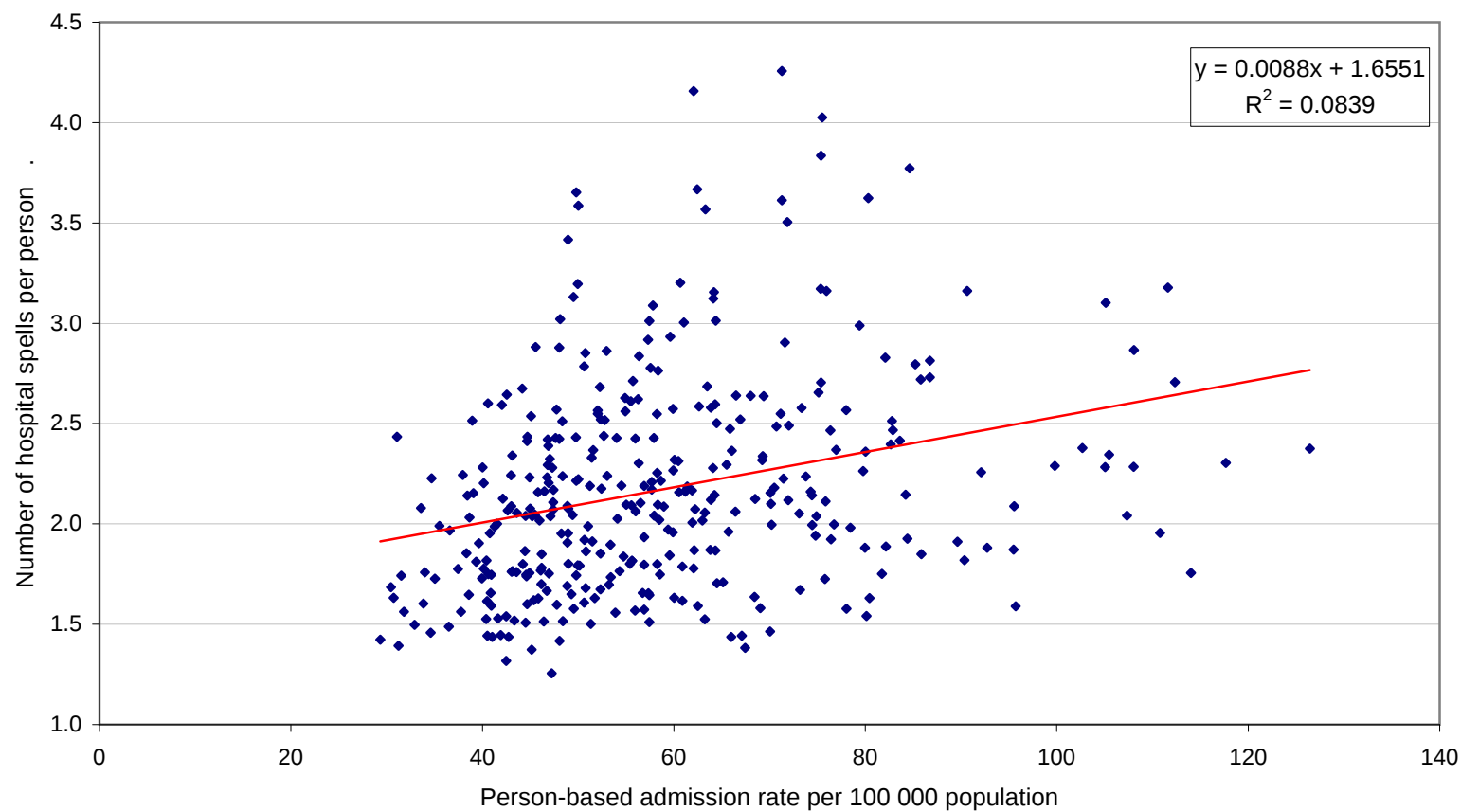
Lung cancer : spell-based admission rate per 100 000 population for each local authority, both sexes



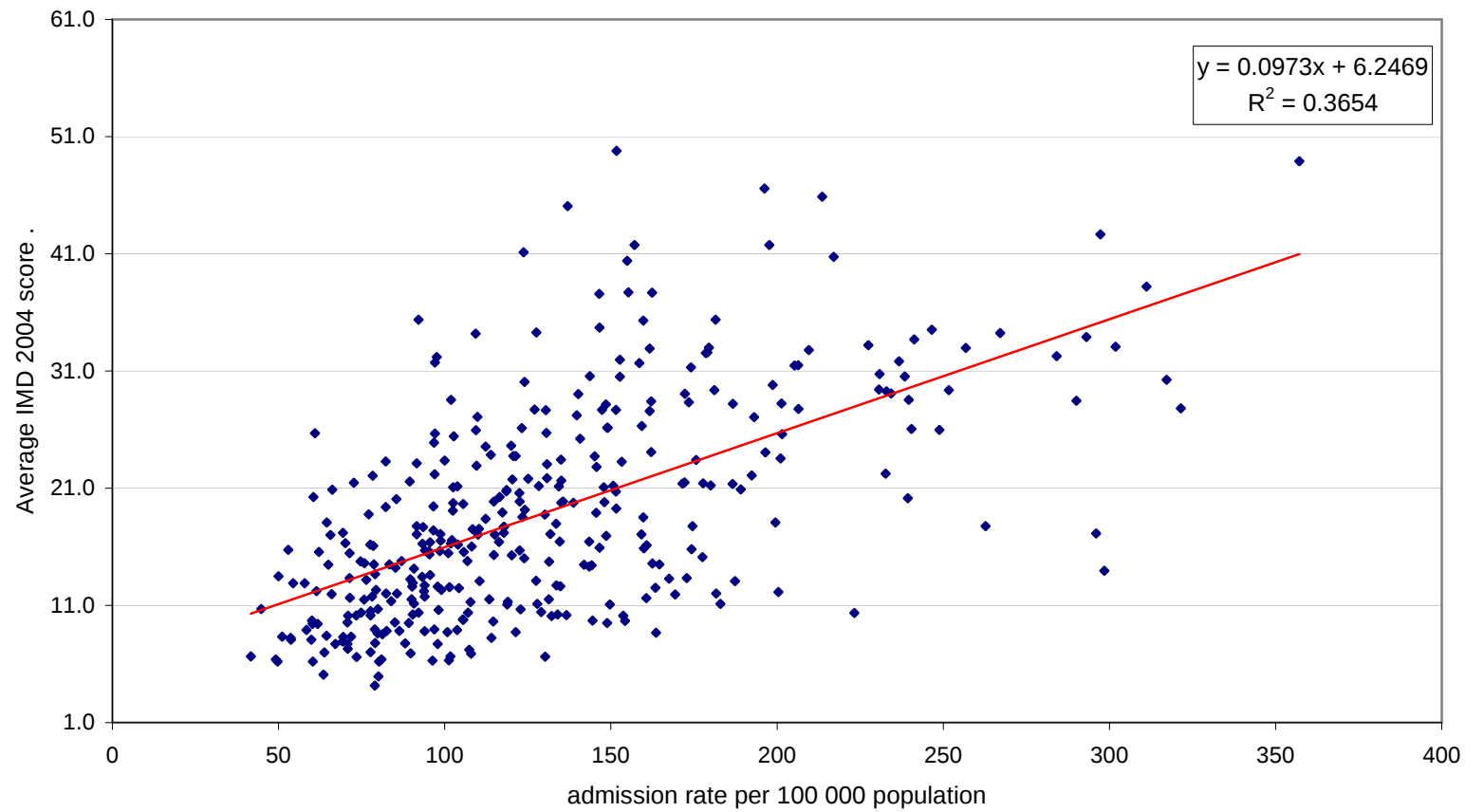
Lung cancer : person-based admission rate per 100 000 population for each local authority, both sexes



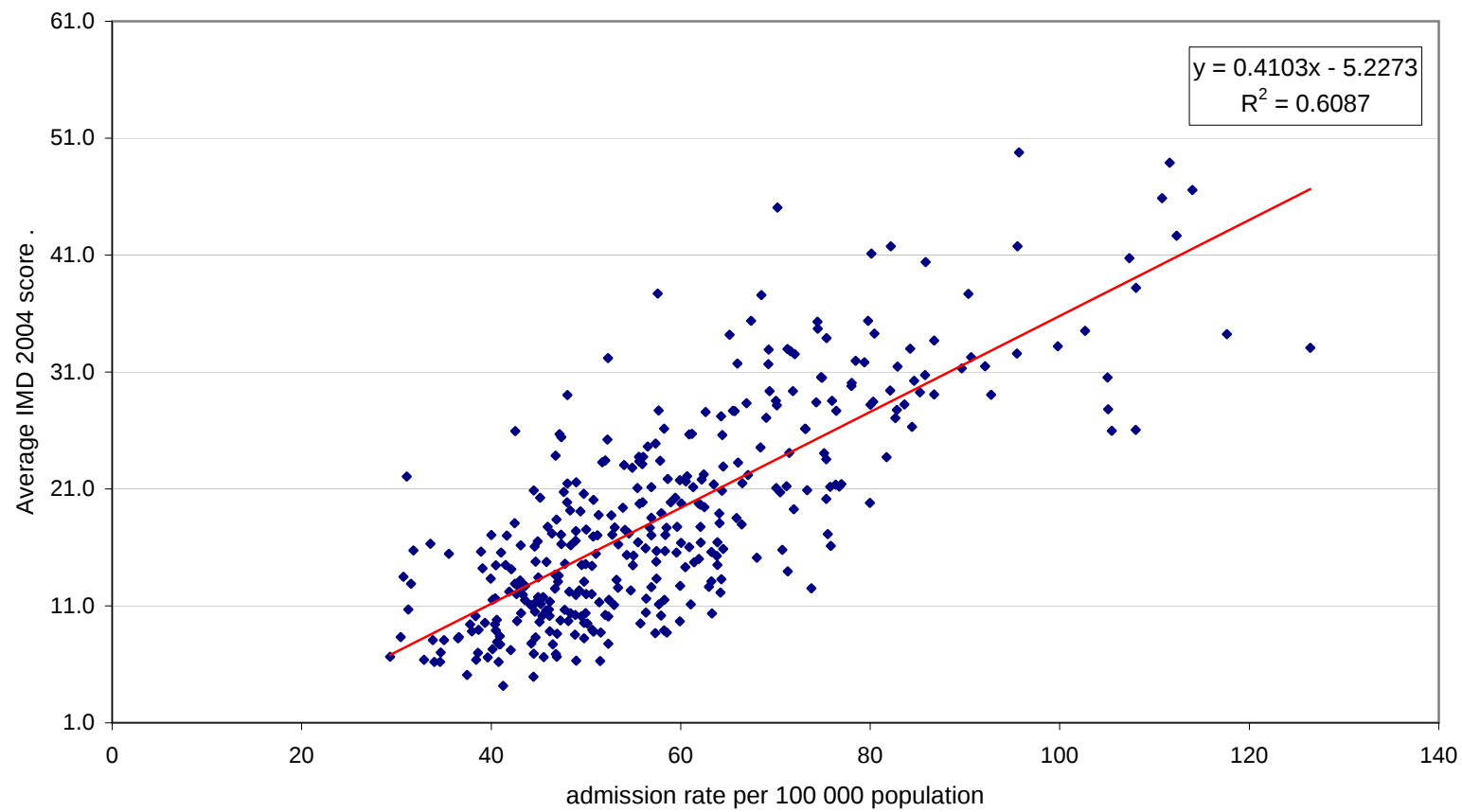
Lung cancer : number of spells per person plotted against the person-based admission rate for each local authority, both sexes



Lung cancer : average IMD score plotted against the spell-based admission rate for each local authority, both sexes



Lung cancer : average IMD score plotted against the person-based admission rate for each local authority, both sexes



Admissions - 1998/99 to 2002/03					Lung cancer, all ages, both sexes										
					Spells					People				Ratio	
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect admission rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect admission rate per 100,000	95% Confidence interval		Spells to People
N/A	ALL ENGLAND				337365	337365.00	137.03	125.09	149.80	151547	151547.00	61.55	54.01	69.85	
45UB	Adur	17.0	Q19	J	243	507.51	65.61	57.62	74.4	159	235.01	41.64	35.42	48.64	1.53
16UB	Allerdale	22.9	Q13	B	593	741.48	109.59	100.94	118.78	348	332.16	64.49	57.89	71.63	1.70
35UB	Alnwick	16.1	Q09	A	302	257.41	160.76	143.14	179.96	143	116.05	75.85	63.93	89.35	2.11
17UB	Amber Valley	18.9	Q24	E	909	855.62	145.58	136.27	155.36	399	383.27	64.08	57.95	70.69	2.28
45UC	Arun	15.6	Q19	J	606	1336.48	62.13	57.28	67.28	422	633.09	41.03	37.21	45.14	1.44
37UB	Ashfield	27.8	Q24	E	1176	780.48	206.47	194.84	218.62	468	347.93	82.80	75.46	90.65	2.51
29UB	Ashford	13.4	Q18	J	488	717.61	93.18	85.1	101.83	235	321.60	44.98	39.41	51.11	2.08
11UB	Aylesbury Vale	8.3	Q16	J	504	993.97	69.48	63.55	75.82	315	434.08	44.67	39.87	49.88	1.60
42UB	Babergh	11.3	Q01	G	514	653.94	107.71	98.59	117.43	213	293.52	44.67	38.87	51.09	2.41
00AB	Barking and Dagenham	31.3	Q06	H	1275	1003.38	174.12	164.69	183.95	667	458.01	89.64	82.97	96.71	1.91
00AC	Barnet	16.1	Q05	H	1097	1915.48	78.48	73.9	83.26	628	867.00	44.59	41.17	48.21	1.75
00CC	Barnsley	33.0	Q23	D	2036	1554.74	179.44	171.73	187.41	949	693.67	84.21	78.94	89.74	2.15
16UC	Barrow-In-Furness	33.0	Q13	B	979	522.44	256.78	240.94	273.38	271	234.05	71.27	63.04	80.28	3.61
22UB	Basildon	20.7	Q03	G	1201	1086.28	151.50	143.05	160.32	551	481.05	70.50	64.74	76.64	2.18
24UB	Basingstoke and Deane	8.8	Q17	J	551	915.16	82.50	75.76	89.69	298	397.24	46.18	41.08	51.73	1.85
37UC	Bassetlaw	25.7	Q24	E	741	777.33	130.62	121.39	140.38	343	344.98	61.20	54.89	68.03	2.16
00HA	Bath and North East Somerset UA	12.2	Q20	K	561	1251.13	61.44	56.46	66.74	388	569.89	41.91	37.84	46.29	1.45
09UD	Bedford	17.5	Q02	G	771	957.42	110.35	102.69	118.42	347	427.10	50.01	44.89	55.56	2.22
35UC	Berwick-upon-Tweed	21.2	Q09	A	230	234.63	134.33	117.53	152.86	106	106.41	61.31	50.2	74.16	2.17
00AD	Bexley	15.0	Q07	H	1344	1485.68	123.96	117.42	130.77	670	665.92	61.93	57.33	66.8	2.01
00CN	Birmingham	37.6	Q27	F	6458	6041.05	146.49	142.93	150.1	3041	2732.39	68.51	66.09	70.99	2.12
31UB	Blaby	8.7	Q25	E	738	618.08	163.62	152.02	175.86	253	271.72	57.31	50.47	64.83	2.92
00EX	Blackburn with Darwen UA	32.3	Q13	B	1691	815.53	284.13	270.75	298	535	363.26	90.66	83.14	98.67	3.16
00EY	Blackpool UA	33.9	Q13	B	2481	1159.96	293.08	281.66	304.85	647	528.37	75.37	69.68	81.41	3.83
35UD	Blyth Valley	26.1	Q09	A	955	544.18	240.48	225.46	256.23	418	238.19	108.02	97.91	118.89	2.28
17UC	Bolsover	30.5	Q24	E	595	533.95	152.70	140.67	165.47	292	239.94	74.91	66.56	84.01	2.04
00BL	Bolton	29.4	Q14	B	2922	1736.17	230.62	222.33	239.14	1033	774.56	82.09	77.16	87.25	2.83
32UB	Boston	21.9	Q24	E	434	454.63	130.81	118.79	143.72	196	205.74	58.64	50.72	67.45	2.21
00HN	Bournemouth UA	23.7	Q22	K	1145	1293.26	121.32	114.39	128.55	555	609.79	56.02	51.46	60.88	2.06
00MA	Bracknell Forest UA	8.6	Q16	J	333	572.17	79.75	71.41	88.79	190	249.09	46.95	40.51	54.12	1.75
00CX	Bradford	32.9	Q12	D	3451	2925.25	161.66	156.31	167.14	1476	1311.25	69.29	65.8	72.92	2.34
22UC	Braintree	13.2	Q03	G	572	873.99	89.68	82.48	97.34	337	389.70	53.23	47.7	59.23	1.70

Admissions - 1998/99 to 2002/03					Lung cancer, all ages, both sexes										
					Spells					People				Ratio	
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect admission rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect admission rate per 100,000	95% Confidence interval		Spells to People
N/A	ALL ENGLAND				337365	337365.00	137.03	125.09	149.80	151547	151547.00	61.55	54.01	69.85	
33UB	Breckland	14.5	Q01	G	996	961.59	141.93	133.25	151.03	389	435.78	54.95	49.62	60.69	2.56
00AE	Brent	26.0	Q04	H	1108	1388.13	109.38	103.03	116.01	419	606.18	42.55	38.57	46.82	2.64
22UD	Brentwood	8.9	Q03	G	228	535.00	58.40	51.06	66.49	158	240.08	40.51	34.44	47.34	1.44
39UB	Bridgnorth	12.3	Q26	F	292	404.28	98.97	87.94	111	159	178.82	54.73	46.56	63.93	1.84
00ML	Brighton and Hove UA	25.7	Q19	J	727	1633.82	60.97	56.62	65.57	579	754.66	47.23	43.46	51.23	1.26
00HB	Bristol, City of UA	27.7	Q20	K	2265	2442.98	127.05	121.87	132.39	1043	1112.94	57.69	54.24	61.3	2.17
33UC	Broadland	9.6	Q01	G	799	955.70	114.56	106.75	122.79	315	430.08	45.08	40.24	50.35	2.54
00AF	Bromley	13.2	Q07	H	1172	2102.06	76.40	72.09	80.9	665	950.98	43.04	39.83	46.44	1.76
47UB	Bromsgrove	10.1	Q28	F	379	668.72	77.66	70.04	85.89	223	297.36	46.16	40.3	52.63	1.70
26UB	Broxbourne	14.7	Q02	G	551	574.62	131.40	120.65	142.84	252	252.58	61.41	54.06	69.48	2.19
37UD	Broxtowe	16.0	Q24	E	613	777.14	108.09	99.7	116.99	343	346.67	60.90	54.63	67.7	1.79
30UD	Burnley	31.8	Q13	B	1025	593.40	236.69	222.42	251.64	343	265.92	79.40	71.22	88.26	2.99
00BM	Bury	23.5	Q14	B	1763	1201.38	201.09	191.81	210.7	652	532.52	75.37	69.69	81.38	2.70
00CY	Calderdale	25.4	Q12	D	985	1313.99	102.72	96.4	109.34	454	589.37	47.42	43.15	51.98	2.17
12UB	Cambridge	14.6	Q01	G	716	603.87	162.47	150.79	174.82	224	276.04	49.95	43.62	56.94	3.20
00AG	Camden	34.7	Q05	H	1051	982.64	146.56	137.83	155.7	527	435.68	74.46	68.23	81.09	1.99
41UB	Cannock Chase	20.3	Q26	F	261	591.36	60.48	53.36	68.28	190	259.00	45.16	38.96	52.05	1.37
29UC	Canterbury	16.2	Q18	J	791	1042.63	103.96	96.84	111.46	338	482.36	43.13	38.66	47.98	2.34
15UB	Caradon	18.4	Q21	K	535	652.72	112.31	103	122.25	224	294.11	46.88	40.94	53.44	2.39
16UD	Carlisle	22.2	Q13	B	541	764.45	96.97	88.97	105.5	375	343.98	67.10	60.48	74.25	1.44
15UC	Carrick	19.2	Q21	K	683	754.20	124.09	114.96	133.76	272	346.33	48.34	42.77	54.44	2.51
35UE	Castle Morpeth	15.8	Q09	A	517	406.55	174.26	159.56	189.94	208	181.07	70.71	61.42	81	2.49
22UE	Castle Point	12.7	Q03	G	648	664.51	133.62	123.53	144.32	286	293.71	59.94	53.19	67.3	2.27
31UC	Charnwood	12.1	Q25	E	1483	1013.81	200.44	190.37	210.91	470	450.74	64.18	58.51	70.26	3.16
22UF	Chelmsford	8.6	Q03	G	617	1040.75	81.24	74.95	87.91	365	460.02	48.84	43.96	54.12	1.69
23UB	Cheltenham	14.4	Q20	K	813	772.32	144.25	134.5	154.51	292	355.03	50.63	44.98	56.78	2.78
38UB	Cherwell	11.2	Q16	J	528	797.61	90.71	83.14	98.79	259	352.61	45.21	39.87	51.07	2.04
13UB	Chester	17.0	Q15	B	710	884.55	109.99	102.05	118.39	367	397.06	56.89	51.22	63.02	1.93
17UD	Chesterfield	27.1	Q24	E	594	741.20	109.81	101.16	119.01	376	335.23	69.04	62.24	76.38	1.58
20UB	Chester-Le-Street	21.4	Q10	A	495	381.53	177.78	162.46	194.16	209	167.20	76.94	66.86	88.11	2.37
45UD	Chichester	10.7	Q19	J	312	953.83	44.82	39.99	50.08	224	441.41	31.24	27.28	35.61	1.39
11UC	Chiltern	6.2	Q16	J	242	667.45	49.68	43.62	56.35	166	295.32	34.60	29.54	40.28	1.46

Admissions - 1998/99 to 2002/03					Lung cancer, all ages, both sexes										
					Spells					People				Ratio	
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect admission rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect admission rate per 100,000	95% Confidence interval		Spells to People
N/A	ALL ENGLAND				337365	337365.00	137.03	125.09	149.80	151547	151547.00	61.55	54.01	69.85	
30UE	Chorley	17.2 Q13	B		1441	667.13	295.98	280.9	311.67	358	291.83	75.51	67.89	83.75	4.03
19UC	Christchurch	12.6 Q22	K		468	475.73	134.80	122.86	147.59	232	226.73	62.98	55.14	71.63	2.02
22UG	Colchester	14.6 Q03	G		559	1010.07	75.84	69.68	82.39	350	450.99	47.77	42.9	53.05	1.60
13UC	Congleton	9.5 Q15	B		708	651.78	148.85	138.08	160.23	261	288.25	55.74	49.18	62.92	2.71
16UE	Copeland	25.7 Q13	B		359	506.95	97.04	87.26	107.61	222	224.42	60.89	53.14	69.45	1.62
34UB	Corby	27.1 Q25	E		484	343.45	193.11	176.28	211.1	202	150.43	82.66	71.65	94.88	2.40
23UC	Cotswold	8.8 Q20	K		415	658.63	86.34	78.23	95.06	185	300.05	37.95	32.68	43.83	2.24
00CQ	Coventry	28.2 Q28	F		2121	1957.16	148.50	142.25	154.96	1010	886.23	70.15	65.89	74.61	2.10
36UB	Craven	11.9 Q11	D		550	444.95	169.38	155.52	184.14	161	202.50	48.94	41.67	57.11	3.42
45UE	Crawley	14.8 Q19	J		334	612.80	74.69	66.89	83.14	205	275.35	45.83	39.77	52.55	1.63
13UD	Crewe and Nantwich	17.1 Q15	B		755	785.05	131.78	122.55	141.53	300	349.88	52.78	46.97	59.1	2.52
00AH	Croydon	19.9 Q08	H		1617	1930.68	114.76	109.24	120.5	667	854.97	48.02	44.45	51.81	2.42
26UC	Dacorum	9.5 Q02	G		595	914.26	89.18	82.15	96.64	332	407.37	50.17	44.91	55.86	1.79
00EH	Darlington UA	24.6 Q10	A		584	712.64	112.29	103.37	121.78	357	321.15	68.43	61.51	75.91	1.64
29UD	Dartford	17.2 Q18	J		277	547.12	69.37	61.44	78.04	183	242.71	46.41	39.93	53.64	1.51
34UC	Daventry	10.2 Q25	E		305	462.33	90.40	80.54	101.13	160	201.52	48.87	41.59	57.06	1.91
00FK	Derby UA	27.7 Q24	E		1705	1542.14	151.50	144.39	158.86	743	698.21	65.50	60.88	70.39	2.29
17UF	Derbyshire Dales	12.5 Q24	E		433	568.93	104.29	94.7	114.59	194	255.45	46.75	40.4	53.81	2.23
20UD	Derwentside	28.2 Q10	A		937	637.62	201.37	188.68	214.68	388	285.69	83.60	75.49	92.34	2.41
00CE	Doncaster	31.5 Q23	D		3084	2047.83	206.36	199.14	213.78	1366	912.90	92.11	87.29	97.12	2.26
29UE	Dover	18.7 Q18	J		773	814.01	130.13	121.11	139.63	317	370.34	52.69	47.05	58.82	2.44
00CR	Dudley	22.1 Q27	F		3150	2243.74	192.37	185.71	199.21	984	998.43	60.66	56.93	64.58	3.20
20UE	Durham	18.5 Q10	A		680	583.21	159.77	147.98	172.24	275	256.95	65.88	58.32	74.14	2.47
00AJ	Ealing	23.4 Q04	H		2051	1600.32	175.62	168.1	183.39	664	706.84	57.82	53.51	62.39	3.09
20UF	Easington	41.8 Q10	A		996	690.38	197.69	185.6	210.36	477	307.33	95.54	87.15	104.51	2.09
12UC	East Cambridgeshire	10.6 Q01	G		371	518.04	98.13	88.4	108.65	172	231.16	45.80	39.21	53.18	2.16
18UB	East Devon	12.7 Q21	K		857	1249.86	93.96	87.77	100.46	417	588.90	43.59	39.5	47.98	2.06
19UD	East Dorset	8.2 Q22	K		680	817.31	114.01	105.6	122.91	307	379.49	49.80	44.38	55.69	2.21
24UC	East Hampshire	8.1 Q17	J		335	766.83	59.86	53.62	66.63	194	340.93	35.03	30.27	40.32	1.73
26UD	East Hertfordshire	6.3 Q02	G		568	808.33	96.29	88.53	104.54	297	355.11	51.48	45.79	57.68	1.91
32UC	East Lindsey	24.6 Q24	E		1044	1191.92	120.02	112.85	127.53	496	540.15	56.52	51.66	61.72	2.10
34UD	East Northamptonshire	11.8 Q25	E		288	504.95	78.15	69.39	87.72	164	224.66	44.93	38.32	52.36	1.76

Admissions - 1998/99 to 2002/03					Lung cancer, all ages, both sexes										
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N/A	ALL ENGLAND				337365	337365.00	137.03	125.09	149.80	151547	151547.00	61.55	54.01	69.85	
00FB	East Riding of Yorkshire UA	15.3 Q11	D		1729	2482.30	95.44	91	100.05	980	1110.55	54.32	50.97	57.83	1.76
41UC	East Staffordshire	18.5 Q26	F		646	717.38	123.39	114.06	133.29	295	319.20	56.89	50.58	63.76	2.19
21UC	Eastbourne	21.5 Q19	J		418	787.92	72.69	65.89	80.01	295	377.85	48.06	42.73	53.87	1.42
24UD	Eastleigh	8.9 Q17	J		576	760.97	103.72	95.42	112.55	320	338.11	58.26	52.05	65	1.80
16UF	Eden	15.7 Q13	B		273	397.91	94.01	83.19	105.85	166	177.85	57.45	49.04	66.89	1.64
13UE	Ellesmere Port and Neston	19.8 Q15	B		632	585.05	148.03	136.71	160.03	336	258.64	79.96	71.64	88.99	1.88
43UB	Elmbridge	7.0 Q19	J		481	848.63	77.67	70.88	84.93	216	383.31	34.69	30.21	39.63	2.23
00AK	Enfield	23.1 Q05	H		1569	1643.95	130.78	124.39	137.42	646	735.98	54.03	49.94	58.36	2.43
22UH	Epping Forest	13.3 Q03	G		1120	888.12	172.80	162.83	183.23	372	398.68	57.43	51.75	63.58	3.01
43UC	Epsom and Ewell	6.9 Q19	J		383	486.17	107.95	97.41	119.32	167	219.46	46.84	40	54.51	2.29
17UG	Erewash	19.3 Q24	E		841	759.94	151.64	141.57	162.25	397	339.69	71.94	65.04	79.38	2.12
18UC	Exeter	21.6 Q21	K		479	733.78	89.45	81.62	97.83	266	334.25	48.99	43.27	55.24	1.80
24UE	Fareham	7.8 Q17	J		466	807.72	79.06	72.04	86.57	259	360.46	44.23	39.01	49.96	1.80
12UD	Fenland	19.8 Q01	G		648	657.55	135.04	124.84	145.85	299	297.38	61.89	55.07	69.32	2.17
42UC	Forest Heath	11.1 Q01	G		327	350.48	127.85	114.37	142.49	148	157.90	57.69	48.77	67.77	2.21
23UD	Forest of Dean	15.9 Q20	K		650	607.46	146.62	135.57	158.34	248	271.23	56.28	49.49	63.74	2.62
30UF	Fylde	13.1 Q13	B		891	651.81	187.31	175.21	200.03	244	301.56	49.81	43.75	56.46	3.65
00CH	Gateshead	33.2 Q09	A		2376	1431.42	227.45	218.4	236.78	1038	640.34	99.78	93.8	106.04	2.29
37UE	Gedling	16.4 Q24	E		810	824.44	134.63	125.51	144.23	382	368.08	63.88	57.64	70.62	2.12
23UE	Gloucester	19.9 Q20	K		701	708.45	135.59	125.73	146.01	289	317.77	55.98	49.71	62.82	2.43
24UF	Gosport	16.3 Q17	J		347	509.39	93.35	83.78	103.7	200	230.44	53.42	46.27	61.36	1.74
29UG	Gravesham	18.1 Q18	J		308	654.06	64.53	57.52	72.15	200	289.74	42.49	36.8	48.8	1.54
33UD	Great Yarmouth	27.7 Q01	G		700	735.71	130.38	120.9	140.4	357	334.43	65.71	59.07	72.89	1.96
00AL	Greenwich	31.5 Q07	H		1813	1210.29	205.27	195.92	214.94	735	545.94	82.87	76.99	89.08	2.47
43UD	Guildford	8.3 Q19	J		320	857.65	51.13	45.68	57.05	190	384.03	30.45	26.28	35.11	1.68
00AM	Hackney	45.1 Q06	H		890	890.25	136.99	128.14	146.29	446	390.98	70.22	63.85	77.04	2.00
00ET	Halton UA	34.3 Q15	B		696	747.31	127.62	118.31	137.46	427	326.70	80.45	73	88.46	1.63
36UC	Hambleton	10.4 Q11	D		508	650.47	107.02	97.91	116.74	227	288.85	48.37	42.28	55.09	2.24
00AN	Hammersmith and Fulham	27.8 Q04	H		1864	794.37	321.54	307.11	336.47	601	351.93	105.12	96.88	113.87	3.10
31UD	Harborough	7.2 Q25	E		420	536.15	107.34	97.32	118.12	162	237.12	42.05	35.83	49.05	2.59
00AP	Haringey	37.7 Q05	H		1147	1012.50	155.23	146.38	164.48	413	441.52	57.58	52.16	63.41	2.78
22UJ	Harlow	21.4 Q03	G		683	501.55	186.60	172.87	201.14	277	223.28	76.36	67.63	85.91	2.47

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N/A	ALL ENGLAND				337365	337365.00	137.03	125.09	149.80	151547	151547.00	61.55	54.01	69.85	
36UD	Harrogate	11.1 Q11	D		963	1111.07	118.77	111.38	126.51	360	501.71	44.17	39.72	48.97	2.68
00AQ	Harrow	13.5 Q04	H		475	1301.38	50.01	45.62	54.72	291	582.63	30.74	27.31	34.49	1.63
24UG	Hart	4.2 Q17	J		302	524.36	78.92	70.27	88.34	152	226.70	41.27	34.97	48.38	1.99
00EB	Hartlepool UA	37.7 Q10	A		744	627.85	162.38	150.92	174.48	409	278.61	90.36	81.82	99.56	1.82
21UD	Hastings	31.7 Q19	J		438	618.15	97.09	88.21	106.63	305	284.50	65.99	58.79	73.83	1.44
24UH	Havant	20.1 Q17	J		576	924.07	85.41	78.58	92.68	343	415.80	50.78	45.54	56.45	1.68
00AR	Havering	14.8 Q06	H		1065	1677.62	86.99	81.84	92.37	705	755.71	57.42	53.26	61.82	1.51
00GA	Herefordshire, County of UA	15.7 Q28	F		1008	1402.58	98.48	92.49	104.75	401	634.02	38.93	35.21	42.93	2.51
26UE	Hertsmere	12.0 Q02	G		389	647.29	82.35	74.37	90.95	242	294.31	50.61	44.44	57.41	1.61
17UH	High Peak	15.1 Q24	E		794	612.71	177.57	165.43	190.37	301	272.37	68.02	60.56	76.16	2.64
00AS	Hillingdon	17.7 Q04	H		1012	1482.81	93.52	87.85	99.46	611	662.93	56.73	52.32	61.41	1.66
31UE	Hinckley and Bosworth	11.1 Q25	E		784	717.56	149.72	139.42	160.57	274	318.38	52.97	46.89	59.63	2.86
45UF	Horsham	6.7 Q19	J		266	874.11	41.70	36.84	47.02	187	392.50	29.33	25.27	33.84	1.42
00AT	Hounslow	23.3 Q04	H		1265	1131.06	153.26	144.92	161.94	535	498.61	66.05	60.57	71.89	2.36
12UE	Huntingdonshire	10.2 Q01	G		964	966.90	136.62	128.13	145.52	397	421.94	57.92	52.36	63.9	2.43
30UG	Hyndburn	28.5 Q13	B		945	540.44	239.61	224.57	255.38	299	242.31	75.95	67.59	85.07	3.16
42UD	Ipswich	23.4 Q01	G		790	802.12	134.96	125.71	144.71	310	366.56	52.06	46.42	58.19	2.55
00MW	Isle of Wight UA	21.1 Q17	J		881	1177.78	102.50	95.84	109.5	489	543.07	55.43	50.62	60.56	1.80
00AU	Islington	42.7 Q05	H		1851	853.09	297.32	283.93	311.18	684	374.78	112.34	104.08	121.09	2.71
46UB	Kennet	10.1 Q20	K		265	512.18	70.90	62.62	79.97	143	229.53	38.35	32.32	45.17	1.85
00AW	Kensington and Chelsea	21.5 Q04	H		1138	905.81	172.15	162.29	182.45	431	398.94	66.50	60.37	73.09	2.64
15UD	Kerrier	25.2 Q21	K		767	746.61	140.77	130.98	151.09	286	336.81	52.27	46.38	58.69	2.68
34UE	Kettering	15.3 Q25	E		461	550.32	114.79	104.55	125.76	220	246.09	55.03	48	62.8	2.10
33UE	Kings Lynn and West Norfolk	19.1 Q01	G		875	1170.14	102.47	95.79	109.49	428	532.96	49.43	44.86	54.34	2.04
00FA	Kingston upon Hull, City of UA	41.1 Q11	D		1452	1607.91	123.74	117.46	130.27	942	723.80	80.11	75.08	85.39	1.54
00AX	Kingston upon Thames	11.6 Q08	H		1004	856.54	160.62	150.84	170.87	354	386.66	56.35	50.64	62.54	2.84
00CZ	Kirklees	26.2 Q12	D		2738	2516.93	149.06	143.53	154.75	1334	1123.25	73.10	69.23	77.13	2.05
00BX	Knowsley	46.6 Q15	B		1411	985.53	196.18	186.08	206.69	804	434.08	114.01	106.26	122.17	1.75
00AY	Lambeth	34.2 Q07	H		923	1157.32	109.28	102.35	116.57	540	510.19	65.15	59.77	70.88	1.71
30UH	Lancaster	22.3 Q13	B		1654	974.21	232.64	221.57	244.13	451	444.57	62.44	56.81	68.48	3.67
00DA	Leeds	27.7 Q12	D		5035	4682.60	147.34	143.3	151.47	2617	2107.86	76.42	73.52	79.41	1.92
00FN	Leicester UA	32.8 Q25	E		2474	1617.64	209.57	201.39	217.99	852	732.60	71.59	66.86	76.56	2.90

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N/A	ALL ENGLAND				337365	337365.00	137.03	125.09	149.80	151547	151547.00	61.55	54.01	69.85	
21UF	Lewes	12.9	Q19	J	340	805.76	57.82	51.84	64.31	258	373.73	42.49	37.47	48.01	1.32
00AZ	Lewisham	28.6	Q07	H	925	1244.46	101.85	95.39	108.63	632	555.47	70.03	64.68	75.71	1.46
41UD	Lichfield	12.0	Q26	F	428	685.08	85.61	77.69	94.12	207	298.72	42.65	37.04	48.88	2.07
32UD	Lincoln	27.2	Q24	E	564	553.04	139.74	128.45	151.77	263	251.95	64.25	56.72	72.51	2.14
00BY	Liverpool	49.8	Q15	B	3202	2892.01	151.72	146.51	157.06	2014	1295.43	95.70	91.56	99.97	1.59
00KA	Luton UA	23.3	Q02	G	608	1013.28	82.22	75.81	89.02	373	443.87	51.73	46.61	57.25	1.63
13UG	Macclesfield	11.1	Q15	B	1565	1172.33	182.93	173.97	192.22	521	525.35	61.04	55.91	66.52	3.00
29UH	Maidstone	11.5	Q18	J	537	971.08	75.78	69.5	82.46	305	430.88	43.57	38.82	48.75	1.76
22UK	Maldon	10.7	Q03	G	244	418.72	79.85	70.14	90.52	138	184.27	46.10	38.73	54.46	1.77
47UC	Malvern Hills	13.1	Q28	F	502	622.35	110.53	101.07	120.64	216	282.53	47.06	40.99	53.77	2.32
00BN	Manchester	48.9	Q14	B	6173	2368.47	357.14	348.28	366.16	1943	1071.60	111.61	106.7	116.68	3.18
37UF	Mansfield	32.5	Q24	E	909	697.61	178.55	167.13	190.55	365	311.96	72.02	64.82	79.8	2.49
00LC	Medway UA	18.0	Q18	J	1441	1478.47	133.56	126.75	140.63	699	647.58	66.44	61.61	71.56	2.06
31UG	Melton	10.1	Q25	E	382	340.48	153.74	138.71	169.96	122	151.67	49.51	41.12	59.12	3.13
40UB	Mendip	14.5	Q22	K	462	759.54	83.35	75.92	91.31	231	342.43	41.52	36.34	47.24	2.00
00BA	Merton	14.5	Q08	H	1269	1056.59	164.57	155.64	173.89	492	474.12	63.88	58.36	69.78	2.58
09UC	Mid Bedfordshire	7.7	Q02	G	534	747.65	97.87	89.74	106.53	247	327.02	46.49	40.87	52.67	2.16
18UD	Mid Devon	17.1	Q21	K	365	546.42	91.53	82.38	101.42	160	246.16	40.01	34.05	46.71	2.28
42UE	Mid Suffolk	9.8	Q01	G	502	651.99	105.51	96.48	115.15	193	292.65	40.59	35.07	46.74	2.60
45UG	Mid Sussex	6.4	Q19	J	328	913.70	49.19	44.01	54.81	219	409.46	32.92	28.71	37.58	1.50
00EC	Middlesbrough UA	40.7	Q10	A	1425	899.53	217.07	205.95	228.64	698	400.31	107.33	99.51	115.6	2.04
00MG	Milton Keynes UA	15.6	Q16	J	813	1053.95	105.70	98.56	113.22	441	455.70	59.57	54.14	65.4	1.84
43UE	Mole Valley	6.2	Q19	J	375	640.74	80.20	72.28	88.74	192	289.88	40.77	35.21	46.96	1.95
24UJ	New Forest	10.4	Q17	J	1008	1499.61	92.11	86.51	97.97	562	692.43	49.96	45.91	54.27	1.79
37UG	Newark and Sherwood	19.8	Q24	E	807	797.26	138.70	129.3	148.61	348	356.62	60.07	53.92	66.72	2.32
00CJ	Newcastle upon Tyne	34.5	Q09	A	3206	1781.98	246.53	238.07	255.21	1348	808.18	102.67	97.26	108.3	2.38
41UE	Newcastle-under-Lyme	19.9	Q26	F	801	895.40	122.58	114.24	131.37	384	400.87	58.96	53.21	65.17	2.09
00BB	Newham	40.4	Q06	H	1172	1036.96	154.87	146.13	164	634	454.57	85.85	79.3	92.8	1.85
15UE	North Cornwall	22.8	Q21	K	733	689.55	145.66	135.31	156.6	279	312.85	54.89	48.64	61.73	2.63
18UE	North Devon	20.6	Q21	K	654	731.86	122.45	113.24	132.21	269	332.70	49.77	44	56.09	2.43
19UE	North Dorset	11.4	Q22	K	301	491.79	83.87	74.66	93.9	169	225.25	46.18	39.48	53.7	1.78
17UJ	North East Derbyshire	18.9	Q24	E	655	764.76	117.36	108.54	126.7	321	340.91	57.96	51.79	64.66	2.04

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N/A	ALL ENGLAND				337365	337365.00	137.03	125.09	149.80	151547	151547.00	61.55	54.01	69.85	
00FC	North East Lincolnshire UA	29.4 Q11	D		2050	1116.30	251.64	240.86	262.78	585	501.16	71.85	66.15	77.92	3.50
26UF	North Hertfordshire	10.1 Q02	G		429	800.71	73.42	66.63	80.7	265	359.49	45.37	40.08	51.18	1.62
32UE	North Kesteven	11.5 Q24	E		699	729.41	131.31	121.76	141.42	310	327.47	58.27	51.96	65.13	2.25
00FD	North Lincolnshire UA	21.2 Q11	D		1478	1124.81	180.06	170.99	189.47	580	501.67	71.17	65.49	77.2	2.55
33UF	North Norfolk	16.9 Q01	G		1052	969.85	148.63	139.79	157.89	369	447.60	50.74	45.7	56.2	2.85
39UC	North Shropshire	16.6 Q26	F		326	437.03	102.22	91.42	113.94	156	196.38	48.90	41.52	57.2	2.09
00HC	North Somerset UA	14.1 Q20	K		997	1505.36	90.75	85.21	96.57	469	685.35	42.12	38.4	46.11	2.13
00CK	North Tyneside	26.0 Q09	A		2622	1444.04	248.81	239.37	258.52	1118	652.45	105.48	99.38	111.84	2.35
44UB	North Warwickshire	16.4 Q28	F		302	432.77	95.62	85.14	107.04	185	189.70	60.03	51.69	69.33	1.63
31UH	North West Leicestershire	15.9 Q25	E		713	611.05	159.89	148.37	172.07	285	272.09	64.47	57.21	72.41	2.50
46UC	North Wiltshire	8.4 Q20	K		387	823.04	64.43	58.17	71.18	243	365.56	40.92	35.93	46.4	1.59
34UF	Northampton	20.2 Q25	E		998	1173.44	116.54	109.42	124	506	524.20	59.42	54.35	64.83	1.97
33UG	Norwich	28.3 Q01	G		1031	814.54	173.44	163.02	184.36	409	376.00	66.96	60.62	73.77	2.52
00FY	Nottingham UA	41.8 Q24	E		1848	1611.99	157.09	150.01	164.42	979	733.50	82.16	77.09	87.47	1.89
44UC	Nuneaton and Bedworth	21.2 Q28	F		754	805.03	128.34	119.34	137.84	437	354.97	75.78	68.84	83.23	1.73
31UJ	Oadby and Wigston	9.7 Q25	E		432	409.76	144.47	131.16	158.75	143	182.85	48.14	40.57	56.71	3.02
00BP	Oldham	30.7 Q14	B		2369	1406.39	230.82	221.61	240.3	871	624.92	85.79	80.19	91.68	2.72
39UD	Oswestry	17.1 Q26	F		201	279.08	98.69	85.52	113.32	97	126.02	47.38	38.42	57.8	2.07
38UC	Oxford	19.7 Q16	J		545	728.37	102.53	94.1	111.51	300	331.89	55.64	49.52	62.31	1.82
30UJ	Pendle	27.6 Q13	B		698	591.60	161.67	149.9	174.13	270	265.34	62.63	55.39	70.57	2.59
15UF	Penwith	29.0 Q21	K		567	554.23	140.19	128.88	152.21	197	252.46	48.03	41.56	55.23	2.88
00JA	Peterborough UA	23.4 Q01	G		708	970.66	99.95	92.72	107.59	390	431.55	55.63	50.24	61.43	1.82
00HG	Plymouth UA	26.2 Q21	K		1791	1648.66	148.86	142.04	155.92	703	742.98	58.24	54.02	62.71	2.55
00HP	Poole UA	14.3 Q22	K		1166	1113.31	143.51	135.39	151.99	504	513.04	60.47	55.3	65.99	2.31
00MR	Portsmouth UA	24.9 Q17	J		832	1177.50	96.82	90.35	103.63	503	539.92	57.34	52.44	62.58	1.65
30UK	Preston	28.5 Q13	B		1743	823.40	290.06	276.6	304.01	481	368.66	80.31	73.29	87.82	3.62
19UG	Purbeck	12.6 Q22	K		278	389.26	97.86	86.69	110.07	124	177.53	42.99	35.76	51.26	2.24
00MC	Reading UA	18.8 Q16	J		443	787.09	77.12	70.11	84.65	295	353.76	51.33	45.64	57.53	1.50
00BC	Redbridge	17.8 Q06	H		1851	1453.35	174.52	166.66	182.66	631	651.43	59.62	55.06	64.46	2.93
00EE	Redcar and Cleveland UA	30.6 Q10	A		1081	1030.90	143.69	135.25	152.52	557	458.32	74.81	68.72	81.29	1.94
47UD	Redditch	19.4 Q28	F		326	462.46	96.59	86.39	107.67	205	201.92	62.49	54.23	71.66	1.59
43UF	Reigate and Banstead	9.0 Q19	J		502	871.64	78.92	72.16	86.13	247	393.32	38.65	33.98	43.79	2.03

Admissions - 1998/99 to 2002/03					Lung cancer, all ages, both sexes										
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Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect admission rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect admission rate per 100,000	95% Confidence interval		Spells to People
N/A	ALL ENGLAND				337365	337365.00	137.03	125.09	149.80	151547	151547.00	61.55	54.01	69.85	
15UG	Restormel	23.9	Q21	K	644	774.70	113.91	105.28	123.06	266	349.78	46.81	41.35	52.79	2.42
30UL	Ribble Valley	10.3	Q13	B	667	409.31	223.30	206.67	240.91	187	181.82	63.31	54.56	73.06	3.57
00BD	Richmond upon Thames	9.7	Q08	H	1189	1056.39	154.23	145.59	163.25	462	474.66	59.91	54.57	65.63	2.57
36UE	Richmondshire	12.5	Q11	D	378	317.04	163.38	147.32	180.71	169	141.01	73.77	63.07	85.77	2.24
00BQ	Rochdale	33.7	Q14	B	2315	1315.03	241.23	231.5	251.26	823	584.00	86.74	80.92	92.88	2.81
22UL	Rochford	8.7	Q03	G	528	596.06	121.38	111.25	132.19	223	266.16	51.57	45.02	58.8	2.37
30UM	Rossendale	24.1	Q13	B	616	429.68	196.45	181.24	212.59	232	190.09	75.13	65.77	85.44	2.66
21UG	Rother	16.2	Q19	J	503	888.15	77.61	70.97	84.69	332	422.26	48.40	43.33	53.89	1.52
00CF	Rotherham	28.2	Q23	D	2353	1727.18	186.68	179.21	194.38	997	766.85	80.03	75.14	85.15	2.36
44UD	Rugby	13.6	Q28	F	432	619.52	95.55	86.75	105	212	276.93	47.12	40.99	53.91	2.04
43UG	Runnymede	7.8	Q19	J	345	536.76	88.07	79.02	97.88	206	242.22	52.35	45.44	60.01	1.67
37UJ	Rushcliffe	9.0	Q24	E	528	747.19	96.83	88.75	105.45	275	334.16	50.66	44.85	57.01	1.92
24UL	Rushmoor	10.4	Q17	J	263	481.42	74.86	66.08	84.48	149	212.57	43.15	36.5	50.66	1.77
00FP	Rutland UA	6.6	Q25	E	242	254.68	130.21	114.32	147.69	84	113.50	45.55	36.33	56.4	2.88
36UF	Ryedale	12.9	Q11	D	286	433.74	90.35	80.18	101.46	137	196.03	43.02	36.12	50.86	2.09
00BR	Salford	38.2	Q14	B	3388	1492.00	311.16	300.77	321.82	1182	673.34	108.05	101.98	114.39	2.87
46UD	Salisbury	11.8	Q20	K	587	856.10	93.96	86.51	101.87	287	388.36	45.49	40.38	51.07	2.05
00CS	Sandwell	35.4	Q27	F	2624	1980.65	181.54	174.66	188.62	1159	894.27	79.78	75.25	84.5	2.26
36UG	Scarborough	24.1	Q11	D	1093	923.76	162.13	152.66	172.04	491	422.95	71.46	65.28	78.07	2.23
20UG	Sedgefield	29.1	Q10	A	803	638.70	172.28	160.57	184.62	427	283.40	92.74	84.16	101.97	1.88
40UC	Sedgemoor	17.4	Q22	K	596	845.60	96.58	88.98	104.66	305	383.63	48.94	43.6	54.75	1.95
00CA	Sefton	26.1	Q15	B	1998	2221.93	123.22	117.87	128.74	1196	1005.97	73.18	69.09	77.45	1.67
36UH	Selby	13.1	Q11	D	479	514.89	127.48	116.31	139.42	233	226.83	63.23	55.37	71.89	2.06
29UK	Sevenoaks	9.6	Q18	J	424	821.41	70.73	64.16	77.8	234	365.99	39.36	34.47	44.73	1.81
00CG	Sheffield	28.4	Q23	D	4203	3551.96	162.14	157.28	167.12	1945	1611.35	74.30	71.03	77.68	2.16
29UL	Shepway	20.8	Q18	J	670	774.86	118.48	109.68	127.81	276	356.57	47.65	42.19	53.61	2.43
39UE	Shrewsbury and Atcham	15.7	Q26	F	635	709.76	122.59	113.24	132.51	303	319.76	58.33	51.94	65.28	2.10
00MD	Slough UA	20.9	Q16	J	300	621.28	66.17	58.89	74.09	199	275.23	44.51	38.54	51.14	1.51
00CT	Solihull	16.4	Q27	F	1548	1478.01	143.52	136.46	150.85	593	657.73	55.50	51.12	60.15	2.61
09UE	South Bedfordshire	12.3	Q02	G	419	724.00	79.30	71.89	87.27	254	317.16	49.30	43.42	55.75	1.65
11UE	South Bucks	8.1	Q16	J	186	473.91	53.78	46.33	62.09	116	210.99	33.84	27.96	40.59	1.60
12UG	South Cambridgeshire	6.4	Q01	G	516	873.14	80.98	74.14	88.28	241	386.05	38.43	33.73	43.6	2.14

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N/A	ALL ENGLAND				337365	337365.00	137.03	125.09	149.80	151547	151547.00	61.55	54.01	69.85	
17UK	South Derbyshire	14.8	Q24	E	421	539.90	106.85	96.89	117.56	173	238.27	44.69	38.28	51.87	2.43
00HD	South Gloucestershire UA	9.8	Q20	K	1236	1605.21	105.51	99.71	111.56	542	705.12	47.31	43.41	51.47	2.28
18UG	South Hams	14.2	Q21	K	435	699.56	85.21	77.39	93.6	202	318.24	39.07	33.87	44.85	2.15
32UF	South Holland	15.3	Q24	E	591	673.94	120.16	110.67	130.26	316	304.81	63.81	56.97	71.25	1.87
32UG	South Kesteven	12.2	Q24	E	611	893.23	93.73	86.45	101.47	313	399.43	48.24	43.04	53.89	1.95
16UG	South Lakeland	12.0	Q13	B	1169	881.73	181.67	171.41	192.39	326	401.24	50.01	44.73	55.75	3.59
33UH	South Norfolk	10.7	Q01	G	812	905.68	122.85	114.55	131.6	316	407.31	47.76	42.63	53.32	2.57
34UG	South Northamptonshire	6.6	Q25	E	278	518.54	73.46	65.08	82.63	146	226.75	39.63	33.46	46.61	1.90
38UD	South Oxfordshire	7.7	Q16	J	449	870.03	70.72	64.33	77.57	257	386.49	40.93	36.08	46.25	1.75
30UN	South Ribble	14.0	Q13	B	1588	729.01	298.49	283.98	313.54	373	322.10	71.28	64.23	78.89	4.26
39UF	South Shropshire	15.5	Q26	F	191	366.68	71.38	61.61	82.25	96	166.33	35.53	28.78	43.38	1.99
40UD	South Somerset	13.7	Q22	K	698	1209.70	79.07	73.31	85.16	419	551.91	46.73	42.36	51.43	1.67
41UF	South Staffordshire	11.7	Q26	F	409	784.05	71.48	64.72	78.76	225	342.62	40.42	35.31	46.06	1.82
00CL	South Tyneside	33.1	Q09	A	2523	1145.48	301.81	290.15	313.83	1062	517.02	126.44	118.94	134.27	2.38
00MS	Southampton UA	23.7	Q17	J	1411	1331.89	145.17	137.69	152.94	806	607.02	81.73	76.19	87.57	1.75
00KF	Southend-On-Sea UA	21.7	Q03	G	1193	1210.66	135.03	127.47	142.91	553	562.26	60.54	55.6	65.8	2.16
00BE	Southwark	35.4	Q07	H	807	1200.37	92.12	85.88	98.7	584	533.05	67.44	62.08	73.14	1.38
43UH	Spelthorne	10.4	Q19	J	615	652.87	129.08	119.08	139.7	267	291.73	56.34	49.78	63.51	2.30
26UG	St. Albans	7.7	Q02	G	419	856.44	67.04	60.77	73.78	253	380.96	40.88	36	46.24	1.66
42UF	St. Edmundsbury	11.5	Q01	G	581	702.08	113.40	104.36	123	267	313.53	52.42	46.32	59.1	2.18
00BZ	St. Helens	32.0	Q15	B	1391	1248.17	152.71	144.79	160.95	702	550.84	78.45	72.75	84.47	1.98
41UG	Stafford	12.9	Q26	F	359	904.50	54.39	48.91	60.31	206	402.23	31.53	27.37	36.14	1.74
41UH	Staffordshire Moorlands	16.5	Q26	F	531	736.21	98.83	90.6	107.61	238	326.15	44.92	39.39	51	2.23
26UH	Stevenage	15.6	Q02	G	334	480.81	95.19	85.25	105.96	219	213.21	63.23	55.13	72.18	1.53
00BS	Stockport	18.1	Q14	B	2983	2048.55	199.53	192.44	206.83	955	916.88	64.11	60.11	68.31	3.12
00EF	Stockton-On-Tees UA	26.3	Q10	A	1387	1193.45	159.25	150.98	167.86	720	525.12	84.40	78.34	90.79	1.93
00GL	Stoke-On-Trent UA	35.3	Q26	F	1962	1682.61	159.78	152.79	167.01	916	757.64	74.42	69.68	79.4	2.14
44UE	Stratford-On-Avon	8.8	Q28	F	609	887.94	93.98	86.66	101.75	327	396.19	50.80	45.45	56.62	1.86
23UF	Stroud	10.2	Q20	K	798	816.46	133.93	124.8	143.55	311	367.76	52.05	46.43	58.17	2.57
42UG	Suffolk Coastal	11.5	Q01	G	628	956.15	90.00	83.1	97.32	285	436.99	40.15	35.62	45.09	2.20
00CM	Sunderland	34.2	Q09	A	3821	1960.22	267.11	258.7	275.71	1658	867.43	117.65	112.06	123.46	2.30
43UJ	Surrey Heath	4.9	Q19	J	304	520.34	80.06	71.31	89.58	163	225.73	44.45	37.89	51.82	1.87

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N/A	ALL ENGLAND				337365	337365.00	137.03	125.09	149.80	151547	151547.00	61.55	54.01	69.85	
00BF	Sutton	13.3	Q08	H	1371	1121.26	167.55	158.8	176.66	528	505.42	64.30	58.94	70.03	2.60
29UM	Swale	20.9	Q18	J	717	828.08	118.65	110.12	127.66	384	367.33	64.35	58.07	71.12	1.87
00HX	Swindon UA	17.2	Q20	K	951	1105.97	117.83	110.46	125.56	434	489.96	54.52	49.51	59.9	2.19
00BT	Tameside	29.8	Q14	B	2061	1421.39	198.69	190.2	207.46	803	633.72	78.00	72.69	83.58	2.57
41UK	Tamworth	19.7	Q26	F	320	415.48	105.54	94.29	117.76	180	178.50	62.07	53.33	71.83	1.78
43UK	Tandridge	8.3	Q19	J	303	577.86	71.85	63.99	80.41	154	259.15	36.58	31.03	42.83	1.97
40UE	Taunton Deane	16.3	Q22	K	588	791.78	101.76	93.7	110.33	279	362.33	47.40	42	53.3	2.11
20UH	Teesdale	16.4	Q10	A	172	202.52	116.38	99.63	135.13	92	91.16	62.12	50.08	76.19	1.87
18UH	Teignbridge	17.0	Q21	K	880	1048.21	115.04	107.56	122.9	402	483.14	51.22	46.33	56.48	2.19
00GF	Telford and Wrekin UA	21.8	Q26	F	852	933.10	125.12	116.86	133.81	411	406.61	62.22	56.35	68.53	2.07
22UN	Tendring	23.1	Q03	G	903	1350.65	91.61	85.73	97.79	576	633.74	55.95	51.47	60.71	1.57
24UN	Test Valley	8.7	Q17	J	549	746.22	100.81	92.55	109.61	314	330.21	58.53	52.24	65.38	1.75
23UG	Tewkesbury	10.1	Q20	K	562	582.92	132.11	121.41	143.5	223	262.16	52.36	45.71	59.7	2.52
29UN	Thanet	25.6	Q18	J	1576	1071.69	201.51	191.68	211.71	523	499.97	64.39	58.99	70.15	3.01
26UJ	Three Rivers	9.4	Q02	G	264	585.92	61.74	54.52	69.66	173	263.67	40.39	34.59	46.87	1.53
00KG	Thurrock UA	21.2	Q03	G	935	850.42	150.66	141.15	160.63	468	375.43	76.73	69.94	84.01	2.00
29UP	Tonbridge and Malling	9.6	Q18	J	455	733.30	85.02	77.39	93.21	261	322.68	49.79	43.93	56.21	1.74
00HH	Torbay UA	23.7	Q21	K	996	1131.60	120.61	113.23	128.34	476	527.14	55.58	50.7	60.81	2.09
18UK	Torridge	21.4	Q21	K	623	497.72	171.52	158.31	185.53	232	224.91	63.49	55.59	72.21	2.69
00BG	Tower Hamlets	45.9	Q06	H	1316	844.50	213.53	202.15	225.39	673	373.93	110.79	102.57	119.48	1.96
00BU	Trafford	20.2	Q14	B	2566	1469.24	239.32	230.15	248.76	809	660.84	75.35	70.25	80.73	3.17
29UQ	Tunbridge Wells	10.5	Q18	J	414	730.48	77.66	70.36	85.51	238	328.41	44.61	39.12	50.65	1.74
35UF	Tynedale	15.5	Q09	A	340	461.03	101.06	90.6	112.39	171	206.23	51.04	43.68	59.29	1.99
22UQ	Uttlesford	6.7	Q03	G	355	478.28	101.71	91.4	112.86	161	211.16	46.93	39.96	54.77	2.20
38UE	Vale of White Horse	6.9	Q16	J	518	790.95	89.74	82.18	97.81	254	351.34	44.50	39.2	50.32	2.04
13UH	Vale Royal	17.1	Q15	B	992	853.78	159.21	149.46	169.44	359	378.62	58.36	52.48	64.73	2.76
00DB	Wakefield	29.1	Q12	D	3695	2160.82	234.32	226.82	242	1353	959.95	86.76	82.2	91.51	2.73
00CU	Walsall	29.4	Q27	F	2392	1809.58	181.13	173.94	188.54	907	804.68	69.38	64.94	74.05	2.64
00BH	Waltham Forest	30.2	Q06	H	2666	1151.74	317.19	305.26	329.46	707	514.25	84.63	78.5	91.1	3.77
00BJ	Wandsworth	20.9	Q08	H	1771	1283.43	189.08	180.38	198.1	687	576.67	73.33	67.95	79.03	2.58
35UG	Wansbeck	30.5	Q09	A	797	458.01	238.45	222.18	255.59	349	204.49	105.05	94.32	116.68	2.28
00EU	Warrington UA	19.4	Q15	B	749	1248.13	82.23	76.45	88.34	481	549.39	53.89	49.18	58.93	1.56

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N/A	ALL ENGLAND				337365	337365.00	137.03	125.09	149.80	151547	151547.00	61.55	54.01	69.85	
44UF	Warwick	12.6 Q28	F		656	886.10	101.44	93.83	109.51	346	398.86	53.40	47.92	59.33	1.90
26UK	Watford	14.5 Q02	G		218	459.92	64.95	56.61	74.17	135	205.24	40.49	33.95	47.92	1.61
42UH	Waveney	21.8 Q01	G		838	954.03	120.36	112.35	128.8	428	439.72	59.91	54.37	65.87	1.96
43UL	Waverley	6.2 Q19	J		380	863.28	60.32	54.4	66.7	216	390.94	34.01	29.62	38.86	1.76
21UH	Wealden	9.4 Q19	J		522	1188.01	60.21	55.15	65.6	334	544.25	37.77	33.83	42.05	1.56
20UJ	Wear Valley	32.6 Q10	A		614	469.96	179.03	165.14	193.77	328	211.45	95.48	85.43	106.4	1.87
34UH	Wellingborough	17.5 Q25	E		383	484.15	108.40	97.81	119.82	189	215.02	54.11	46.67	62.39	2.03
26UL	Welwyn Hatfield	12.6 Q02	G		453	688.20	90.20	82.08	98.9	288	311.62	56.89	50.51	63.85	1.57
00MB	West Berkshire UA	7.9 Q16	J		453	896.55	69.24	63.01	75.92	259	392.47	40.62	35.82	45.88	1.75
18UL	West Devon	16.3 Q21	K		210	410.59	70.08	60.92	80.23	101	185.18	33.57	27.34	40.79	2.08
19UH	West Dorset	13.3 Q22	K		451	865.61	71.39	64.96	78.3	261	401.99	39.97	35.26	45.12	1.73
30UP	West Lancashire	21.1 Q13	B		838	776.65	147.85	138.01	158.21	389	341.67	70.08	63.29	77.4	2.15
32UH	West Lindsey	17.7 Q24	E		544	632.12	117.93	108.22	128.26	243	282.04	53.03	46.57	60.14	2.24
38UF	West Oxfordshire	6.3 Q16	J		492	666.07	101.22	92.47	110.57	237	297.92	48.97	42.93	55.61	2.08
40UF	West Somerset	22.1 Q22	K		202	353.57	78.29	67.86	89.86	83	164.39	31.08	24.75	38.53	2.43
46UF	West Wiltshire	12.0 Q20	K		413	857.13	66.03	59.81	72.71	272	386.35	43.34	38.34	48.8	1.52
00BK	Westminster	31.7 Q04	H		1289	1113.84	158.58	150.04	167.48	556	494.33	69.23	63.6	75.23	2.32
19UJ	Weymouth and Portland	21.2 Q22	K		379	500.18	103.83	93.64	114.83	211	228.30	56.89	49.47	65.11	1.80
00BW	Wigan	29.3 Q14	B		3458	2034.38	232.92	225.22	240.81	1237	893.39	85.23	80.54	90.11	2.80
24UP	Winchester	7.0 Q17	J		364	781.52	63.82	57.43	70.73	221	352.49	38.59	33.67	44.03	1.65
00ME	Windsor and Maidenhead UA	8.2 Q16	J		360	918.97	53.68	48.28	59.52	242	408.03	36.51	32.05	41.41	1.49
00CB	Wirral	30.1 Q15	B		2168	2395.85	124.00	118.83	129.33	1374	1083.65	78.05	73.97	82.29	1.58
43UM	Woking	7.3 Q19	J		295	570.92	70.80	62.95	79.36	166	254.57	40.14	34.26	46.73	1.78
00MF	Wokingham UA	5.1 Q16	J		412	888.47	63.54	57.55	69.98	232	381.34	37.45	32.78	42.59	1.78
00CW	Wolverhampton	32.2 Q27	F		1195	1677.70	97.60	92.15	103.3	645	758.58	52.34	48.38	56.54	1.85
47UE	Worcester	17.7 Q28	F		505	588.06	117.67	107.63	128.4	250	263.12	58.49	51.46	66.2	2.02
45UH	Worthing	15.7 Q19	J		317	820.54	52.94	47.27	59.1	203	392.94	31.80	27.58	36.49	1.56
47UF	Wychavon	11.3 Q28	F		755	869.60	118.97	110.63	127.77	324	387.98	51.40	45.96	57.32	2.33
11UF	Wycombe	9.7 Q16	J		451	1028.91	60.06	54.65	65.87	314	452.16	42.75	38.15	47.74	1.44
30UQ	Wyre	17.8 Q13	B		1796	936.67	262.74	250.73	275.18	432	428.36	62.08	56.36	68.22	4.16
47UG	Wyre Forest	17.8 Q28	F		484	724.55	91.53	83.56	100.06	240	321.32	45.98	40.34	52.18	2.02
00FF	York UA	14.5 Q11	D		735	1279.97	78.69	73.1	84.59	466	578.97	49.54	45.15	54.25	1.58

Lung cancer :
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Local authority	95% Confidence interval		indirect admission rate per 100,000
Manchester	348.28	366.16	357.14
Hammersmith and Fulham	307.11	336.47	321.54
Waltham Forest	305.26	329.46	317.19
Salford	300.77	321.82	311.16
South Tyneside	290.15	313.83	301.81
South Ribble	283.98	313.54	298.49
Islington	283.93	311.18	297.32
Chorley	280.90	311.67	295.98
Blackpool UA	281.66	304.85	293.08
Preston	276.60	304.01	290.06
Blackburn with Darwen UA	270.75	298.00	284.13
Sunderland	258.70	275.71	267.11
Wyre	250.73	275.18	262.74
Barrow-In-Furness	240.94	273.38	256.78
North East Lincolnshire UA	240.86	262.78	251.64
North Tyneside	239.37	258.52	248.81
Newcastle upon Tyne	238.07	255.21	246.53
Rochdale	231.50	251.26	241.23
Blyth Valley	225.46	256.23	240.48
Hyndburn	224.57	255.38	239.61
Trafford	230.15	248.76	239.32
Wansbeck	222.18	255.59	238.45
Burnley	222.42	251.64	236.69
Wakefield	226.82	242.00	234.32
Wigan	225.22	240.81	232.92
Lancaster	221.57	244.13	232.64
Oldham	221.61	240.30	230.82
Bolton	222.33	239.14	230.62
Gateshead	218.40	236.78	227.45
Ribble Valley	206.67	240.91	223.30
Middlesbrough UA	205.95	228.64	217.07
Tower Hamlets	202.15	225.39	213.53
Leicester UA	201.39	217.99	209.57
Ashfield	194.84	218.62	206.47
Doncaster	199.14	213.78	206.36
Greenwich	195.92	214.94	205.27
Thanet	191.68	211.71	201.51
Derwentside	188.68	214.68	201.37
Bury	191.81	210.70	201.09
Charnwood	190.37	210.91	200.44
Stockport	192.44	206.83	199.53
Tameside	190.20	207.46	198.69
Easington	185.60	210.36	197.69
Rossendale	181.24	212.59	196.45
Knowsley	186.08	206.69	196.18
Corby	176.28	211.10	193.11
Dudley	185.71	199.21	192.37
Wandsworth	180.38	198.10	189.08
Fylde	175.21	200.03	187.31
Rotherham	179.21	194.38	186.68
Harlow	172.87	201.14	186.60
Macclesfield	173.97	192.22	182.93
South Lakeland	171.41	192.39	181.67
Sandwell	174.66	188.62	181.54
Walsall	173.94	188.54	181.13

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Local authority	95% Confidence interval		indirect admission rate per 100,000
North Lincolnshire UA	170.99	189.47	180.06
Barnsley	171.73	187.41	179.44
Wear Valley	165.14	193.77	179.03
Mansfield	167.13	190.55	178.55
Chester-Le-Street	162.46	194.16	177.78
High Peak	165.43	190.37	177.57
Ealing	168.10	183.39	175.62
Redbridge	166.66	182.66	174.52
Castle Morpeth	159.56	189.94	174.26
Barking and Dagenham	164.69	183.95	174.12
Norwich	163.02	184.36	173.44
Epping Forest	162.83	183.23	172.80
Sedgefield	160.57	184.62	172.28
Kensington and Chelsea	162.29	182.45	172.15
Torridge	158.31	185.53	171.52
Craven	155.52	184.14	169.38
Sutton	158.80	176.66	167.55
Merton	155.64	173.89	164.57
Blaby	152.02	175.86	163.62
Richmondshire	147.32	180.71	163.38
Cambridge	150.79	174.82	162.47
Hartlepool UA	150.92	174.48	162.38
Sheffield	157.28	167.12	162.14
Scarborough	152.66	172.04	162.13
Pendle	149.90	174.13	161.67
Bradford	156.31	167.14	161.66
Alnwick	143.14	179.96	160.76
Kingston upon Thames	150.84	170.87	160.62
North West Leicestershire	148.37	172.07	159.89
Stoke-On-Trent UA	152.79	167.01	159.78
Durham	147.98	172.24	159.77
Stockton-On-Tees UA	150.98	167.86	159.25
Vale Royal	149.46	169.44	159.21
Westminster	150.04	167.48	158.58
Nottingham UA	150.01	164.42	157.09
Haringey	146.38	164.48	155.23
Newham	146.13	164.00	154.87
Richmond upon Thames	145.59	163.25	154.23
Melton	138.71	169.96	153.74
Hounslow	144.92	161.94	153.26
St. Helens	144.79	160.95	152.71
Bolsover	140.67	165.47	152.70
Liverpool	146.51	157.06	151.72
Erewash	141.57	162.25	151.64
Derby UA	144.39	158.86	151.50
Basildon	143.05	160.32	151.50
Thurrock UA	141.15	160.63	150.66
Hinckley and Bosworth	139.42	160.57	149.72
Kirklees	143.53	154.75	149.06
Plymouth UA	142.04	155.92	148.86
Congleton	138.08	160.23	148.85
North Norfolk	139.79	157.89	148.63
Coventry	142.25	154.96	148.50
Ellesmere Port and Neston	136.71	160.03	148.03
West Lancashire	138.01	158.21	147.85

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Local authority	95% Confidence interval		indirect admission rate per 100,000
Leeds	143.30	151.47	147.34
Forest of Dean	135.57	158.34	146.62
Camden	137.83	155.70	146.56
Birmingham	142.93	150.10	146.49
North Cornwall	135.31	156.60	145.66
Amber Valley	136.27	155.36	145.58
Southampton UA	137.69	152.94	145.17
Oadby and Wigston	131.16	158.75	144.47
Cheltenham	134.50	154.51	144.25
Redcar and Cleveland UA	135.25	152.52	143.69
Solihull	136.46	150.85	143.52
Poole UA	135.39	151.99	143.51
Breckland	133.25	151.03	141.93
Kerrier	130.98	151.09	140.77
Penwith	128.88	152.21	140.19
Lincoln	128.45	151.77	139.74
Newark and Sherwood	129.30	148.61	138.70
Hackney	128.14	146.29	136.99
Huntingdonshire	128.13	145.52	136.62
Gloucester	125.73	146.01	135.59
Fenland	124.84	145.85	135.04
Southend-On-Sea UA	127.47	142.91	135.03
Ipswich	125.71	144.71	134.96
Christchurch	122.86	147.59	134.80
Gedling	125.51	144.23	134.63
Berwick-upon-Tweed	117.53	152.86	134.33
Stroud	124.80	143.55	133.93
Castle Point	123.53	144.32	133.62
Medway UA	126.75	140.63	133.56
Tewkesbury	121.41	143.50	132.11
Crewe and Nantwich	122.55	141.53	131.78
Broxbourne	120.65	142.84	131.40
North Kesteven	121.76	141.42	131.31
Boston	118.79	143.72	130.81
Enfield	124.39	137.42	130.78
Bassetlaw	121.39	140.38	130.62
Great Yarmouth	120.90	140.40	130.38
Rutland UA	114.32	147.69	130.21
Dover	121.11	139.63	130.13
Spelthorne	119.08	139.70	129.08
Nuneaton and Bedworth	119.34	137.84	128.34
Forest Heath	114.37	142.49	127.85
Halton UA	118.31	137.46	127.62
Selby	116.31	139.42	127.48
Bristol, City of UA	121.87	132.39	127.05
Telford and Wrekin UA	116.86	133.81	125.12
Carrick	114.96	133.76	124.09
Wirral	118.83	129.33	124.00
Bexley	117.42	130.77	123.96
Kingston upon Hull, City of UA	117.46	130.27	123.74
East Staffordshire	114.06	133.29	123.39
Sefton	117.87	128.74	123.22
South Norfolk	114.55	131.60	122.85
Shrewsbury and Atcham	113.24	132.51	122.59
Newcastle-under-Lyme	114.24	131.37	122.58

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Local authority	95% Confidence interval		indirect admission rate per 100,000
North Devon	113.24	132.21	122.45
Rochford	111.25	132.19	121.38
Bournemouth UA	114.39	128.55	121.32
Torbay UA	113.23	128.34	120.61
Waveney	112.35	128.80	120.36
South Holland	110.67	130.26	120.16
East Lindsey	112.85	127.53	120.02
Wychavon	110.63	127.77	118.97
Harrogate	111.38	126.51	118.77
Swale	110.12	127.66	118.65
Shepway	109.68	127.81	118.48
West Lindsey	108.22	128.26	117.93
Swindon UA	110.46	125.56	117.83
Worcester	107.63	128.40	117.67
North East Derbyshire	108.54	126.70	117.36
Northampton	109.42	124.00	116.54
Teesdale	99.63	135.13	116.38
Teignbridge	107.56	122.90	115.04
Kettering	104.55	125.76	114.79
Croydon	109.24	120.50	114.76
Broadland	106.75	122.79	114.56
East Dorset	105.60	122.91	114.01
Restormel	105.28	123.06	113.91
St. Edmundsbury	104.36	123.00	113.40
Caradon	103.00	122.25	112.31
Darlington UA	103.37	121.78	112.29
Malvern Hills	101.07	120.64	110.53
Bedford	102.69	118.42	110.35
Chester	102.05	118.39	109.99
Chesterfield	101.16	119.01	109.81
Allerdale	100.94	118.78	109.59
Brent	103.03	116.01	109.38
Lambeth	102.35	116.57	109.28
Wellingborough	97.81	119.82	108.40
Broxtowe	99.70	116.99	108.09
Epsom and Ewell	97.41	119.32	107.95
Babergh	98.59	117.43	107.71
Harborough	97.32	118.12	107.34
Hambleton	97.91	116.74	107.02
South Derbyshire	96.89	117.56	106.85
Milton Keynes UA	98.56	113.22	105.70
Tamworth	94.29	117.76	105.54
South Gloucestershire UA	99.71	111.56	105.51
Mid Suffolk	96.48	115.15	105.51
Derbyshire Dales	94.70	114.59	104.29
Canterbury	96.84	111.46	103.96
Weymouth and Portland	93.64	114.83	103.83
Eastleigh	95.42	112.55	103.72
Calderdale	96.40	109.34	102.72
Oxford	94.10	111.51	102.53
Isle of Wight UA	95.84	109.50	102.50
Kings Lynn and West Norfolk	95.79	109.49	102.47
North Shropshire	91.42	113.94	102.22
Lewisham	95.39	108.63	101.85
Taunton Deane	93.70	110.33	101.76

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Local authority	95% Confidence interval		indirect admission rate per 100,000
Uttlesford	91.40	112.86	101.71
Warwick	93.83	109.51	101.44
West Oxfordshire	92.47	110.57	101.22
Tynedale	90.60	112.39	101.06
Test Valley	92.55	109.61	100.81
Peterborough UA	92.72	107.59	99.95
Bridgnorth	87.94	111.00	98.97
Staffordshire Moorlands	90.60	107.61	98.83
Oswestry	85.52	113.32	98.69
Herefordshire, County of UA	92.49	104.75	98.48
East Cambridgeshire	88.40	108.65	98.13
Mid Bedfordshire	89.74	106.53	97.87
Purbeck	86.69	110.07	97.86
Wolverhampton	92.15	103.30	97.60
Hastings	88.21	106.63	97.09
Copeland	87.26	107.61	97.04
Carlisle	88.97	105.50	96.97
Rushcliffe	88.75	105.45	96.83
Portsmouth UA	90.35	103.63	96.82
Redditch	86.39	107.67	96.59
Sedgemoor	88.98	104.66	96.58
East Hertfordshire	88.53	104.54	96.29
North Warwickshire	85.14	107.04	95.62
Rugby	86.75	105.00	95.55
East Riding of Yorkshire UA	91.00	100.05	95.44
Stevenage	85.25	105.96	95.19
Eden	83.19	105.85	94.01
Stratford-On-Avon	86.66	101.75	93.98
East Devon	87.77	100.46	93.96
Salisbury	86.51	101.87	93.96
South Kesteven	86.45	101.47	93.73
Hillingdon	87.85	99.46	93.52
Gosport	83.78	103.70	93.35
Ashford	85.10	101.83	93.18
Southwark	85.88	98.70	92.12
New Forest	86.51	97.97	92.11
Tendring	85.73	97.79	91.61
Wyre Forest	83.56	100.06	91.53
Mid Devon	82.38	101.42	91.53
North Somerset UA	85.21	96.57	90.75
Cherwell	83.14	98.79	90.71
Daventry	80.54	101.13	90.40
Ryedale	80.18	101.46	90.35
Welwyn Hatfield	82.08	98.90	90.20
Suffolk Coastal	83.10	97.32	90.00
Vale of White Horse	82.18	97.81	89.74
Braintree	82.48	97.34	89.68
Exeter	81.62	97.83	89.45
Dacorum	82.15	96.64	89.18
Runnymede	79.02	97.88	88.07
Havering	81.84	92.37	86.99
Cotswold	78.23	95.06	86.34
Lichfield	77.69	94.12	85.61
Havant	78.58	92.68	85.41
South Hams	77.39	93.60	85.21

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Tonbridge and Malling	77.39	93.21	85.02
North Dorset	74.66	93.90	83.87
Mendip	75.92	91.31	83.35
Basingstoke and Deane	75.76	89.69	82.50
Hertsmere	74.37	90.95	82.35
Warrington UA	76.45	88.34	82.23
Luton UA	75.81	89.02	82.22
Chelmsford	74.95	87.91	81.24
South Cambridgeshire	74.14	88.28	80.98
Mole Valley	72.28	88.74	80.20
Surrey Heath	71.31	89.58	80.06
Maldon	70.14	90.52	79.85
Bracknell Forest UA	71.41	88.79	79.75
South Bedfordshire	71.89	87.27	79.30
South Somerset	73.31	85.16	79.07
Fareham	72.04	86.57	79.06
Hart	70.27	88.34	78.92
Reigate and Banstead	72.16	86.13	78.92
York UA	73.10	84.59	78.69
Barnet	73.90	83.26	78.48
West Somerset	67.86	89.86	78.29
East Northamptonshire	69.39	87.72	78.15
Elmbridge	70.88	84.93	77.67
Bromsgrove	70.04	85.89	77.66
Tunbridge Wells	70.36	85.51	77.66
Rother	70.97	84.69	77.61
Reading UA	70.11	84.65	77.12
Bromley	72.09	80.90	76.40
Colchester	69.68	82.39	75.84
Maidstone	69.50	82.46	75.78
Rushmoor	66.08	84.48	74.86
Crawley	66.89	83.14	74.69
South Northamptonshire	65.08	82.63	73.46
North Hertfordshire	66.63	80.70	73.42
Eastbourne	65.89	80.01	72.69
Tandridge	63.99	80.41	71.85
South Staffordshire	64.72	78.76	71.48
West Dorset	64.96	78.30	71.39
South Shropshire	61.61	82.25	71.38
Kennet	62.62	79.97	70.90
Woking	62.95	79.36	70.80
Sevenoaks	64.16	77.80	70.73
South Oxfordshire	64.33	77.57	70.72
West Devon	60.92	80.23	70.08
Aylesbury Vale	63.55	75.82	69.48
Dartford	61.44	78.04	69.37
West Berkshire UA	63.01	75.92	69.24
St. Albans	60.77	73.78	67.04
Slough UA	58.89	74.09	66.17
West Wiltshire	59.81	72.71	66.03
Adur	57.62	74.40	65.61
Watford	56.61	74.17	64.95
Gravesham	57.52	72.15	64.53
North Wiltshire	58.17	71.18	64.43
Winchester	57.43	70.73	63.82

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Local authority	95% Confidence interval		indirect admission rate per 100,000
Wokingham UA	57.55	69.98	63.54
Arun	57.28	67.28	62.13
Three Rivers	54.52	69.66	61.74
Bath and North East Somerset UA	56.46	66.74	61.44
Brighton and Hove UA	56.62	65.57	60.97
Cannock Chase	53.36	68.28	60.48
Waverley	54.40	66.70	60.32
Wealden	55.15	65.60	60.21
Wycombe	54.65	65.87	60.06
East Hampshire	53.62	66.63	59.86
Brentwood	51.06	66.49	58.40
Lewes	51.84	64.31	57.82
Stafford	48.91	60.31	54.39
South Bucks	46.33	62.09	53.78
Windsor and Maidenhead UA	48.28	59.52	53.68
Worthing	47.27	59.10	52.94
Guildford	45.68	57.05	51.13
Harrow	45.62	54.72	50.01
Chiltern	43.62	56.35	49.68
Mid Sussex	44.01	54.81	49.19
Chichester	39.99	50.08	44.82
Horsham	36.84	47.02	41.70

Lung cancer :
Person-based admission rate per 100 000 population for each local authority
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Local authority	95% Confidence interval		indirect admission rate per 100,000
South Tyneside	118.94	134.27	126.44
Sunderland	112.06	123.46	117.65
Knowsley	106.26	122.17	114.01
Islington	104.08	121.09	112.34
Manchester	106.70	116.68	111.61
Tower Hamlets	102.57	119.48	110.79
Salford	101.98	114.39	108.05
Blyth Valley	97.91	118.89	108.02
Middlesbrough UA	99.51	115.60	107.33
North Tyneside	99.38	111.84	105.48
Hammersmith and Fulham	96.88	113.87	105.12
Wansbeck	94.32	116.68	105.05
Newcastle upon Tyne	97.26	108.30	102.67
Gateshead	93.80	106.04	99.78
Liverpool	91.56	99.97	95.70
Easington	87.15	104.51	95.54
Wear Valley	85.43	106.40	95.48
Sedgefield	84.16	101.97	92.74
Doncaster	87.29	97.12	92.11
Blackburn with Darwen UA	83.14	98.67	90.66
Hartlepool UA	81.82	99.56	90.36
Barking and Dagenham	82.97	96.71	89.64
Wakefield	82.20	91.51	86.76
Rochdale	80.92	92.88	86.74
Newham	79.30	92.80	85.85
Oldham	80.19	91.68	85.79
Wigan	80.54	90.11	85.23
Waltham Forest	78.50	91.10	84.63
Stockton-On-Tees UA	78.34	90.79	84.40
Barnsley	78.94	89.74	84.21
Derwentside	75.49	92.34	83.60
Greenwich	76.99	89.08	82.87
Ashfield	75.46	90.65	82.80
Corby	71.65	94.88	82.66
Nottingham UA	77.09	87.47	82.16
Bolton	77.16	87.25	82.09
Southampton UA	76.19	87.57	81.73
Halton UA	73.00	88.46	80.45
Preston	73.29	87.82	80.31
Kingston upon Hull, City of UA	75.08	85.39	80.11
Rotherham	75.14	85.15	80.03
Ellesmere Port and Neston	71.64	88.99	79.96
Sandwell	75.25	84.50	79.78
Burnley	71.22	88.26	79.40
St. Helens	72.75	84.47	78.45
Wirral	73.97	82.29	78.05
Tameside	72.69	83.58	78.00
Chester-Le-Street	66.86	88.11	76.94
Thurrock UA	69.94	84.01	76.73
Leeds	73.52	79.41	76.42
Harlow	67.63	85.91	76.36
Hyndburn	67.59	85.07	75.95
Alnwick	63.93	89.35	75.85
Nuneaton and Bedworth	68.84	83.23	75.78
Chorley	67.89	83.75	75.51

Lung cancer :
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Local authority	95% Confidence interval		indirect admission rate per 100,000
Blackpool UA	69.68	81.41	75.37
Bury	69.69	81.38	75.37
Trafford	70.25	80.73	75.35
Rossendale	65.77	85.44	75.13
Bolsover	66.56	84.01	74.91
Redcar and Cleveland UA	68.72	81.29	74.81
Camden	68.23	81.09	74.46
Stoke-On-Trent UA	69.68	79.40	74.42
Sheffield	71.03	77.68	74.30
Richmondshire	63.07	85.77	73.77
Wandsworth	67.95	79.03	73.33
Sefton	69.09	77.45	73.18
Kirklees	69.23	77.13	73.10
Mansfield	64.82	79.80	72.02
Erewash	65.04	79.38	71.94
North East Lincolnshire UA	66.15	77.92	71.85
Leicester UA	66.86	76.56	71.59
Scarborough	65.28	78.07	71.46
South Ribble	64.23	78.89	71.28
Barrow-In-Furness	63.04	80.28	71.27
North Lincolnshire UA	65.49	77.20	71.17
Castle Morpeth	61.42	81.00	70.71
Basildon	64.74	76.64	70.50
Hackney	63.85	77.04	70.22
Coventry	65.89	74.61	70.15
West Lancashire	63.29	77.40	70.08
Lewisham	64.68	75.71	70.03
Walsall	64.94	74.05	69.38
Bradford	65.80	72.92	69.29
Westminster	63.60	75.23	69.23
Chesterfield	62.24	76.38	69.04
Birmingham	66.09	70.99	68.51
Darlington UA	61.51	75.91	68.43
High Peak	60.56	76.16	68.02
Southwark	62.08	73.14	67.44
Carlisle	60.48	74.25	67.10
Norwich	60.62	73.77	66.96
Kensington and Chelsea	60.37	73.09	66.50
Medway UA	61.61	71.56	66.44
Hounslow	60.57	71.89	66.05
Hastings	58.79	73.83	65.99
Durham	58.32	74.14	65.88
Great Yarmouth	59.07	72.89	65.71
Derby UA	60.88	70.39	65.50
Lambeth	59.77	70.88	65.15
Allerdale	57.89	71.63	64.49
North West Leicestershire	57.21	72.41	64.47
Thanet	58.99	70.15	64.39
Swale	58.07	71.12	64.35
Sutton	58.94	70.03	64.30
Lincoln	56.72	72.51	64.25
Charnwood	58.51	70.26	64.18
Stockport	60.11	68.31	64.11
Amber Valley	57.95	70.69	64.08
Gedling	57.64	70.62	63.88

Lung cancer :

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Local authority	95% Confidence interval		indirect admission rate per 100,000
Merton	58.36	69.78	63.88
South Holland	56.97	71.25	63.81
Torridge	55.59	72.21	63.49
Ribble Valley	54.56	73.06	63.31
Selby	55.37	71.89	63.23
Stevenage	55.13	72.18	63.23
Christchurch	55.14	71.63	62.98
Pendle	55.39	70.57	62.63
Redditch	54.23	71.66	62.49
Lancaster	56.81	68.48	62.44
Telford and Wrekin UA	56.35	68.53	62.22
Teesdale	50.08	76.19	62.12
Wyre	56.36	68.22	62.08
Tamworth	53.33	71.83	62.07
Bexley	57.33	66.80	61.93
Fenland	55.07	69.32	61.89
Broxbourne	54.06	69.48	61.41
Berwick-upon-Tweed	50.20	74.16	61.31
Bassetlaw	54.89	68.03	61.20
Macclesfield	55.91	66.52	61.04
Broxtowe	54.63	67.70	60.90
Copeland	53.14	69.45	60.89
Dudley	56.93	64.58	60.66
Southend-On-Sea UA	55.60	65.80	60.54
Poole UA	55.30	65.99	60.47
Newark and Sherwood	53.92	66.72	60.07
North Warwickshire	51.69	69.33	60.03
Castle Point	53.19	67.30	59.94
Waveney	54.37	65.87	59.91
Richmond upon Thames	54.57	65.63	59.91
Redbridge	55.06	64.46	59.62
Milton Keynes UA	54.14	65.40	59.57
Northampton	54.35	64.83	59.42
Newcastle-under-Lyme	53.21	65.17	58.96
Boston	50.72	67.45	58.64
Test Valley	52.24	65.38	58.53
Worcester	51.46	66.20	58.49
Vale Royal	52.48	64.73	58.36
Shrewsbury and Atcham	51.94	65.28	58.33
North Kesteven	51.96	65.13	58.27
Eastleigh	52.05	65.00	58.26
Plymouth UA	54.02	62.71	58.24
North East Derbyshire	51.79	64.66	57.96
Huntingdonshire	52.36	63.90	57.92
Ealing	53.51	62.39	57.82
Forest Heath	48.77	67.77	57.69
Bristol, City of UA	54.24	61.30	57.69
Haringey	52.16	63.41	57.58
Eden	49.04	66.89	57.45
Epping Forest	51.75	63.58	57.43
Havering	53.26	61.82	57.42
Portsmouth UA	52.44	62.58	57.34
Blaby	50.47	64.83	57.31
Chester	51.22	63.02	56.89
Weymouth and Portland	49.47	65.11	56.89

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Local authority	95% Confidence interval		indirect admission rate per 100,000
Welwyn Hatfield	50.51	63.85	56.89
East Staffordshire	50.58	63.76	56.89
Hillingdon	52.32	61.41	56.73
East Lindsey	51.66	61.72	56.52
Kingston upon Thames	50.64	62.54	56.35
Spelthorne	49.78	63.51	56.34
Forest of Dean	49.49	63.74	56.28
Bournemouth UA	51.46	60.88	56.02
Gloucester	49.71	62.82	55.98
Tendring	51.47	60.71	55.95
Congleton	49.18	62.92	55.74
Oxford	49.52	62.31	55.64
Peterborough UA	50.24	61.43	55.63
Torbay UA	50.70	60.81	55.58
Solihull	51.12	60.15	55.50
Isle of Wight UA	50.62	60.56	55.43
Kettering	48.00	62.80	55.03
Breckland	49.62	60.69	54.95
North Cornwall	48.64	61.73	54.89
Bridgnorth	46.56	63.93	54.73
Swindon UA	49.51	59.90	54.52
East Riding of Yorkshire UA	50.97	57.83	54.32
Wellingborough	46.67	62.39	54.11
Enfield	49.94	58.36	54.03
Warrington UA	49.18	58.93	53.89
Gosport	46.27	61.36	53.42
Warwick	47.92	59.33	53.40
Braintree	47.70	59.23	53.23
West Lindsey	46.57	60.14	53.03
Hinckley and Bosworth	46.89	59.63	52.97
Crewe and Nantwich	46.97	59.10	52.78
Dover	47.05	58.82	52.69
St. Edmundsbury	46.32	59.10	52.42
Tewkesbury	45.71	59.70	52.36
Runnymede	45.44	60.01	52.35
Wolverhampton	48.38	56.54	52.34
Kerrier	46.38	58.69	52.27
Ipswich	46.42	58.19	52.06
Stroud	46.43	58.17	52.05
Luton UA	46.61	57.25	51.73
Rochford	45.02	58.80	51.57
East Hertfordshire	45.79	57.68	51.48
Wychavon	45.96	57.32	51.40
Reading UA	45.64	57.53	51.33
Teignbridge	46.33	56.48	51.22
Tynedale	43.68	59.29	51.04
Stratford-On-Avon	45.45	56.62	50.80
Havant	45.54	56.45	50.78
North Norfolk	45.70	56.20	50.74
Rushcliffe	44.85	57.01	50.66
Cheltenham	44.98	56.78	50.63
Hertsmere	44.44	57.41	50.61
Dacorum	44.91	55.86	50.17
South Lakeland	44.73	55.75	50.01
Bedford	44.89	55.56	50.01

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Local authority	95% Confidence interval		indirect admission rate per 100,000
New Forest	45.91	54.27	49.96
Cambridge	43.62	56.94	49.95
Fylde	43.75	56.46	49.81
East Dorset	44.38	55.69	49.80
Tonbridge and Malling	43.93	56.21	49.79
North Devon	44.00	56.09	49.77
York UA	45.15	54.25	49.54
Melton	41.12	59.12	49.51
Kings Lynn and West Norfolk	44.86	54.34	49.43
South Bedfordshire	43.42	55.75	49.30
Exeter	43.27	55.24	48.99
West Oxfordshire	42.93	55.61	48.97
Craven	41.67	57.11	48.94
Sedgemoor	43.60	54.75	48.94
North Shropshire	41.52	57.20	48.90
Daventry	41.59	57.06	48.87
Chelmsford	43.96	54.12	48.84
Rother	43.33	53.89	48.40
Hambleton	42.28	55.09	48.37
Carrick	42.77	54.44	48.34
South Kesteven	43.04	53.89	48.24
Oadby and Wigston	40.57	56.71	48.14
Eastbourne	42.73	53.87	48.06
Penwith	41.56	55.23	48.03
Croydon	44.45	51.81	48.02
Colchester	42.90	53.05	47.77
South Norfolk	42.63	53.32	47.76
Shepway	42.19	53.61	47.65
Calderdale	43.15	51.98	47.42
Taunton Deane	42.00	53.30	47.40
Oswestry	38.42	57.80	47.38
South Gloucestershire UA	43.41	51.47	47.31
Brighton and Hove UA	43.46	51.23	47.23
Rugby	40.99	53.91	47.12
Malvern Hills	40.99	53.77	47.06
Bracknell Forest UA	40.51	54.12	46.95
Uttlesford	39.96	54.77	46.93
Caradon	40.94	53.44	46.88
Epsom and Ewell	40.00	54.51	46.84
Restormel	41.35	52.79	46.81
Derbyshire Dales	40.40	53.81	46.75
South Somerset	42.36	51.43	46.73
Mid Bedfordshire	40.87	52.67	46.49
Dartford	39.93	53.64	46.41
North Dorset	39.48	53.70	46.18
Basingstoke and Deane	41.08	51.73	46.18
Bromsgrove	40.30	52.63	46.16
Maldon	38.73	54.46	46.10
Wyre Forest	40.34	52.18	45.98
Crawley	39.77	52.55	45.83
East Cambridgeshire	39.21	53.18	45.80
Rutland UA	36.33	56.40	45.55
Salisbury	40.38	51.07	45.49
North Hertfordshire	40.08	51.18	45.37
Cherwell	39.87	51.07	45.21

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Cannock Chase	38.96	52.05	45.16
Broadland	40.24	50.35	45.08
Ashford	39.41	51.11	44.98
East Northamptonshire	38.32	52.36	44.93
Staffordshire Moorlands	39.39	51.00	44.92
South Derbyshire	38.28	51.87	44.69
Aylesbury Vale	39.87	49.88	44.67
Babergh	38.87	51.09	44.67
Tunbridge Wells	39.12	50.65	44.61
Barnet	41.17	48.21	44.59
Slough UA	38.54	51.14	44.51
Vale of White Horse	39.20	50.32	44.50
Surrey Heath	37.89	51.82	44.45
Fareham	39.01	49.96	44.23
Harrogate	39.72	48.97	44.17
East Devon	39.50	47.98	43.59
Maidstone	38.82	48.75	43.57
West Wiltshire	38.34	48.80	43.34
Rushmoor	36.50	50.66	43.15
Canterbury	38.66	47.98	43.13
Bromley	39.83	46.44	43.04
Ryedale	36.12	50.86	43.02
Purbeck	35.76	51.26	42.99
Wycombe	38.15	47.74	42.75
Lichfield	37.04	48.88	42.65
Brent	38.57	46.82	42.55
Lewes	37.47	48.01	42.49
Gravesham	36.80	48.80	42.49
North Somerset UA	38.40	46.11	42.12
Harborough	35.83	49.05	42.05
Bath and North East Somerset UA	37.84	46.29	41.91
Adur	35.42	48.64	41.64
Mendip	36.34	47.24	41.52
Hart	34.97	48.38	41.27
Arun	37.21	45.14	41.03
South Oxfordshire	36.08	46.25	40.93
North Wiltshire	35.93	46.40	40.92
St. Albans	36.00	46.24	40.88
Mole Valley	35.21	46.96	40.77
West Berkshire UA	35.82	45.88	40.62
Mid Suffolk	35.07	46.74	40.59
Brentwood	34.44	47.34	40.51
Watford	33.95	47.92	40.49
South Staffordshire	35.31	46.06	40.42
Three Rivers	34.59	46.87	40.39
Suffolk Coastal	35.62	45.09	40.15
Woking	34.26	46.73	40.14
Mid Devon	34.05	46.71	40.01
West Dorset	35.26	45.12	39.97
South Northamptonshire	33.46	46.61	39.63
Sevenoaks	34.47	44.73	39.36
South Hams	33.87	44.85	39.07
Herefordshire, County of UA	35.21	42.93	38.93
Reigate and Banstead	33.98	43.79	38.65
Winchester	33.67	44.03	38.59

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South Cambridgeshire	33.73	43.60	38.43
Kenet	32.32	45.17	38.35
Cotswold	32.68	43.83	37.95
Wealden	33.83	42.05	37.77
Wokingham UA	32.78	42.59	37.45
Tandridge	31.03	42.83	36.58
Windsor and Maidenhead UA	32.05	41.41	36.51
South Shropshire	28.78	43.38	35.53
East Hampshire	30.27	40.32	35.03
Elmbridge	30.21	39.63	34.69
Chiltern	29.54	40.28	34.60
Waverley	29.62	38.86	34.01
South Bucks	27.96	40.59	33.84
West Devon	27.34	40.79	33.57
Mid Sussex	28.71	37.58	32.92
Worthing	27.58	36.49	31.80
Stafford	27.37	36.14	31.53
Chichester	27.28	35.61	31.24
West Somerset	24.75	38.53	31.08
Harrow	27.31	34.49	30.74
Guildford	26.28	35.11	30.45
Horsham	25.27	33.84	29.33