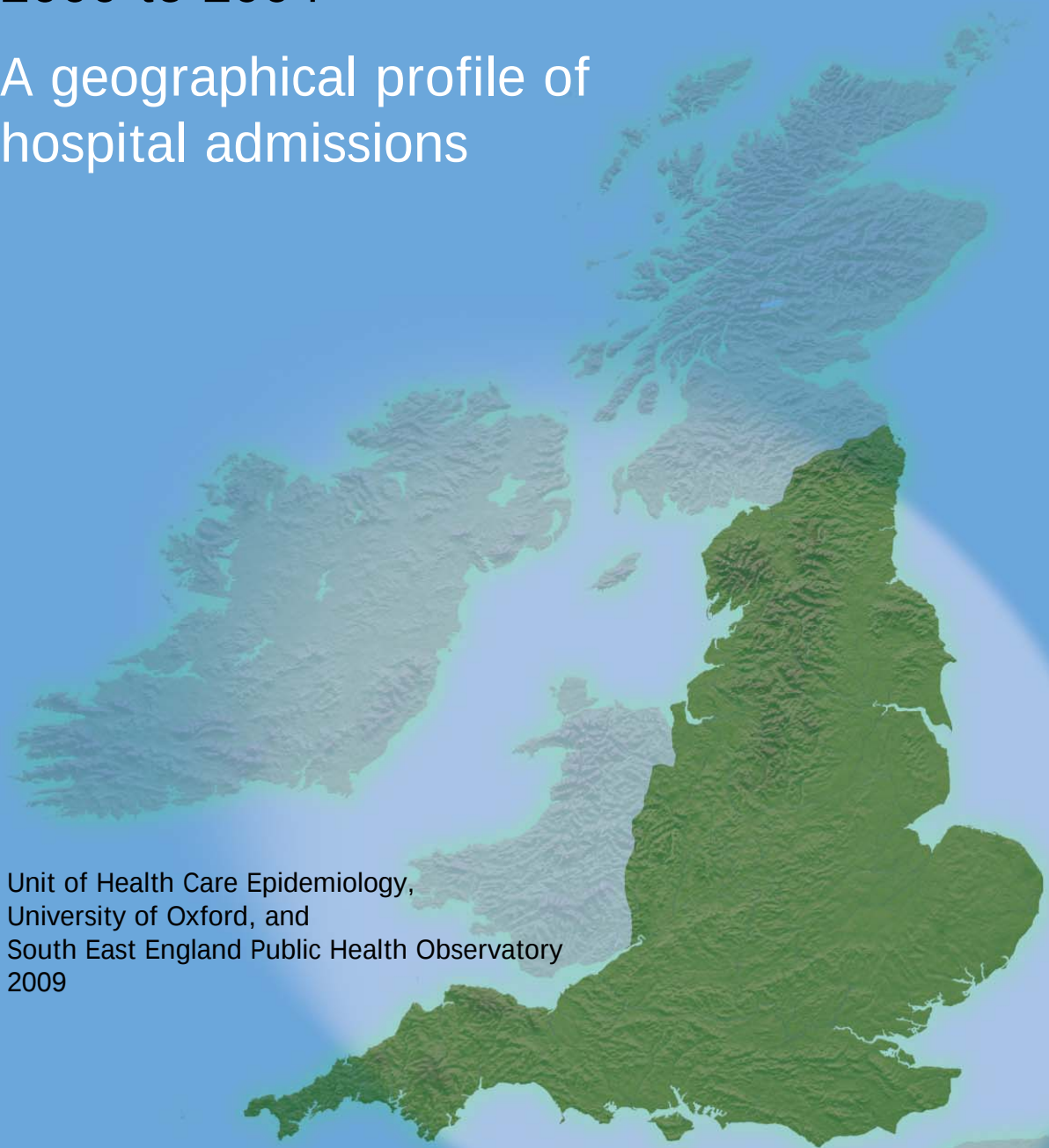


Head injuries in England 2000 to 2004

A geographical profile of
hospital admissions

Unit of Health Care Epidemiology,
University of Oxford, and
South East England Public Health Observatory
2009



Head injuries in England 2000 to 2004

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 Head injuries in England. The geographical areas covered are the standard local authority areas of England. The period covered is 01/04/2000 to 31/03/2005. The data are from Hospital Episode Statistics (HES). HES includes data on all NHS hospital admissions (including admissions for day case care).

The maps show:

- (a) The spell-based admission rates per 100,000 resident population for each geographical area 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 geographical areas, with the one-fifth of areas with the lowest rates shown in the lightest colour and the one-fifth of areas with the highest rates shown in the darkest colour.
- (b) The person-based admission rate per 100,000 resident population for each geographical 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 diagnosis 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 for 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 geographical area, each vertical line representing one geographical 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 geographical area plotted against the person-based rate (counting people once, and only once, in each year) for each area in England.

The first table shows the individual values for each geographical area, with the areas ranked in alphabetical order. For each area, 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 geographical 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 geographical areas ranked according to the standardised spell-based admission rate (ranked from highest to lowest rate).

The third table shows the geographical 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, 2000-2004, CIPS file, analysis template 2a
- Diagnosis codes used: S00.0-S09.9
- Specialty codes used:
- Operation codes used:
- Diagnosis position: any
- Operation position: any
- Period covered: admissions from 01/04/2000 to 31/03/2005
- Source of admission: all
- Exclusion of successive admissions: -
- Specialty restriction: -
- Age/sex restriction: Ages: all , Sexes: all
- 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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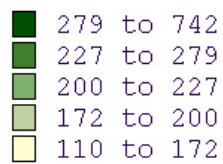
Head injuries: spells: males and females

Indirectly standardised rate per 100 000: each local authority in England

Principal diagnosis on admission or discharge: 2000/01-2004/05

All admissions

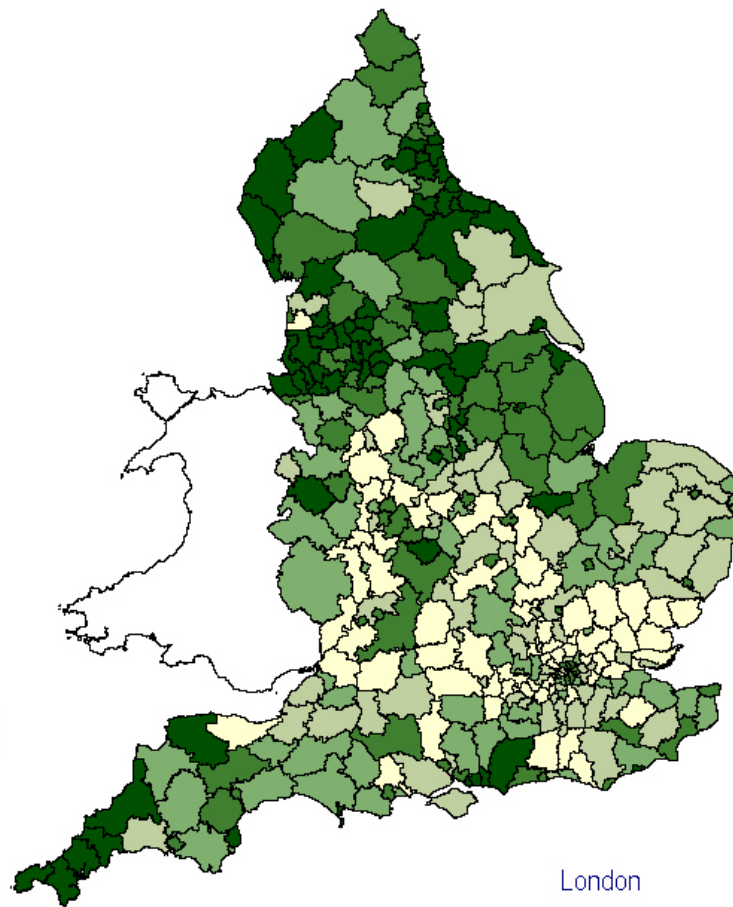
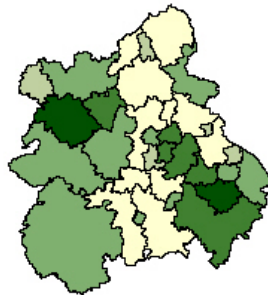
Quintile range of rates



Manchester



West Midlands



London



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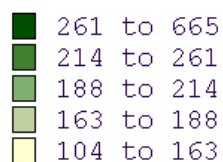
Head injuries : people: males and females

Indirectly standardised rate per 100 000: each local authority in England

Principal diagnosis on admission or discharge: 2000/01-2004/05

All admissions

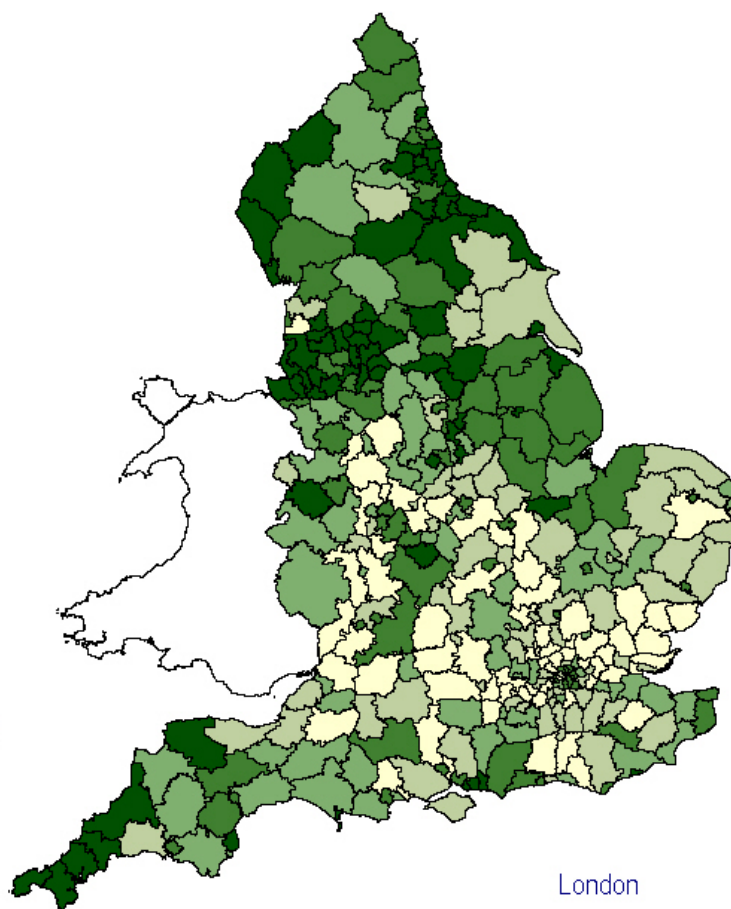
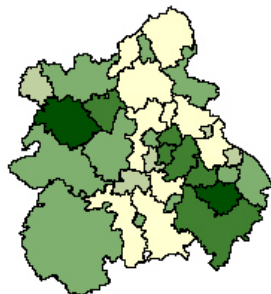
Quintile range of rates



Manchester



West Midlands



London



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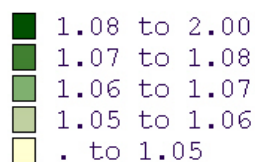
Head injuries: ratios: males and females

Number of spells per person: each local authority in England

Principal diagnosis on admission or discharge: 2000/01-2004/05

All admissions

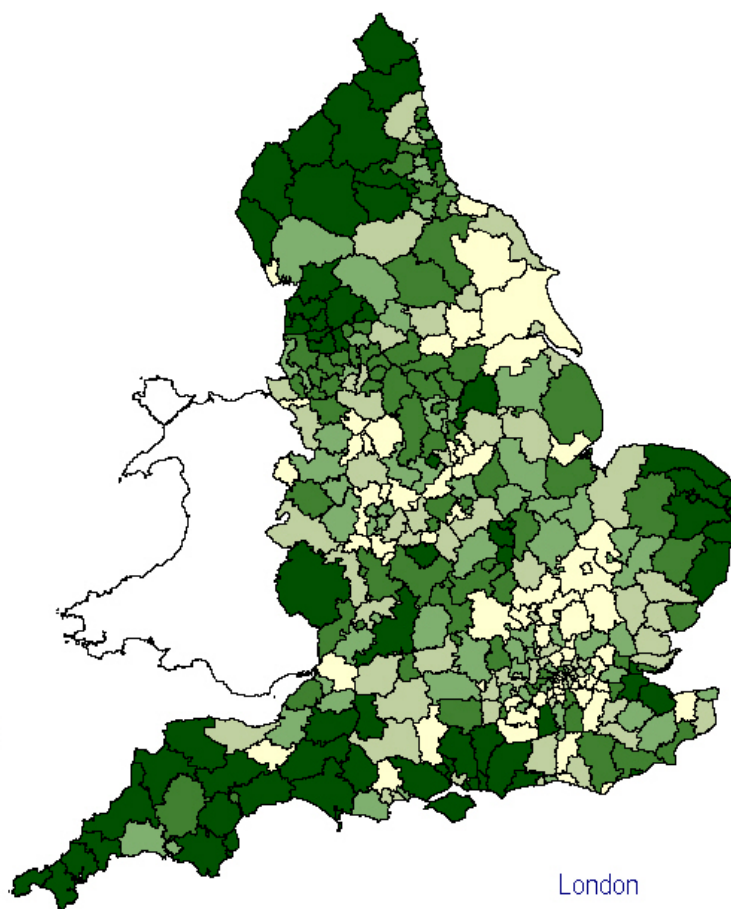
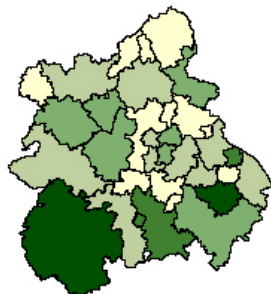
Ratios



Manchester



West Midlands

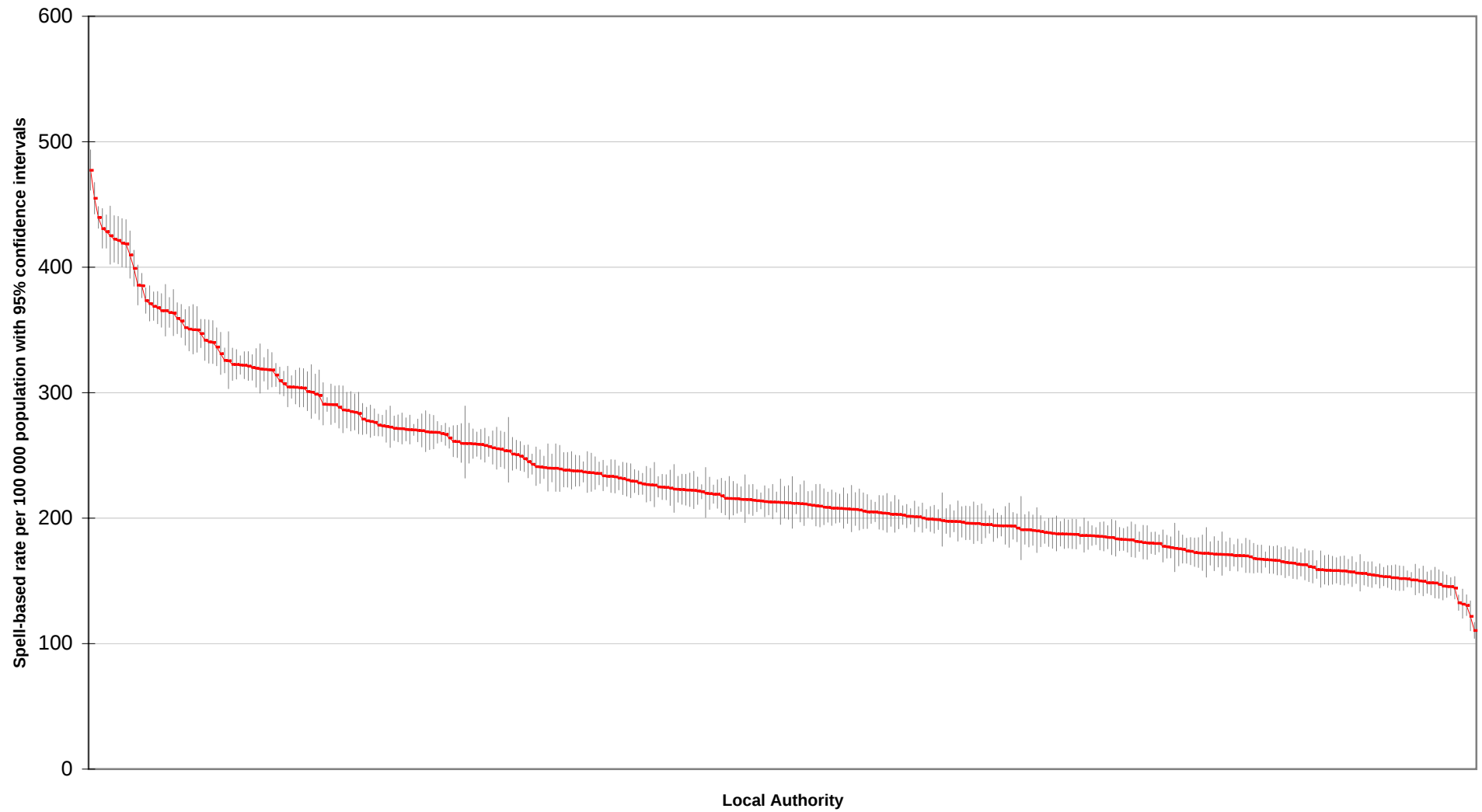


London

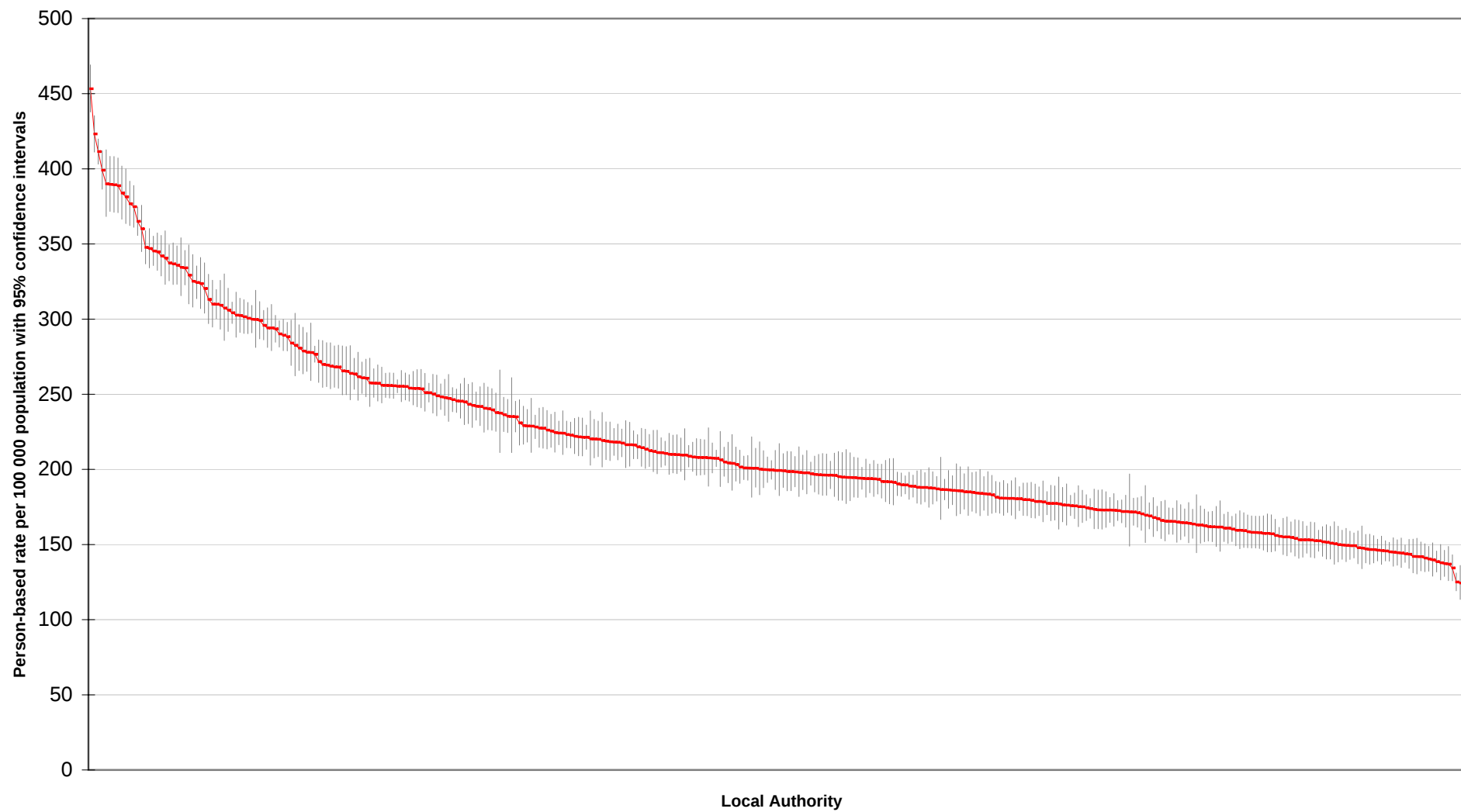


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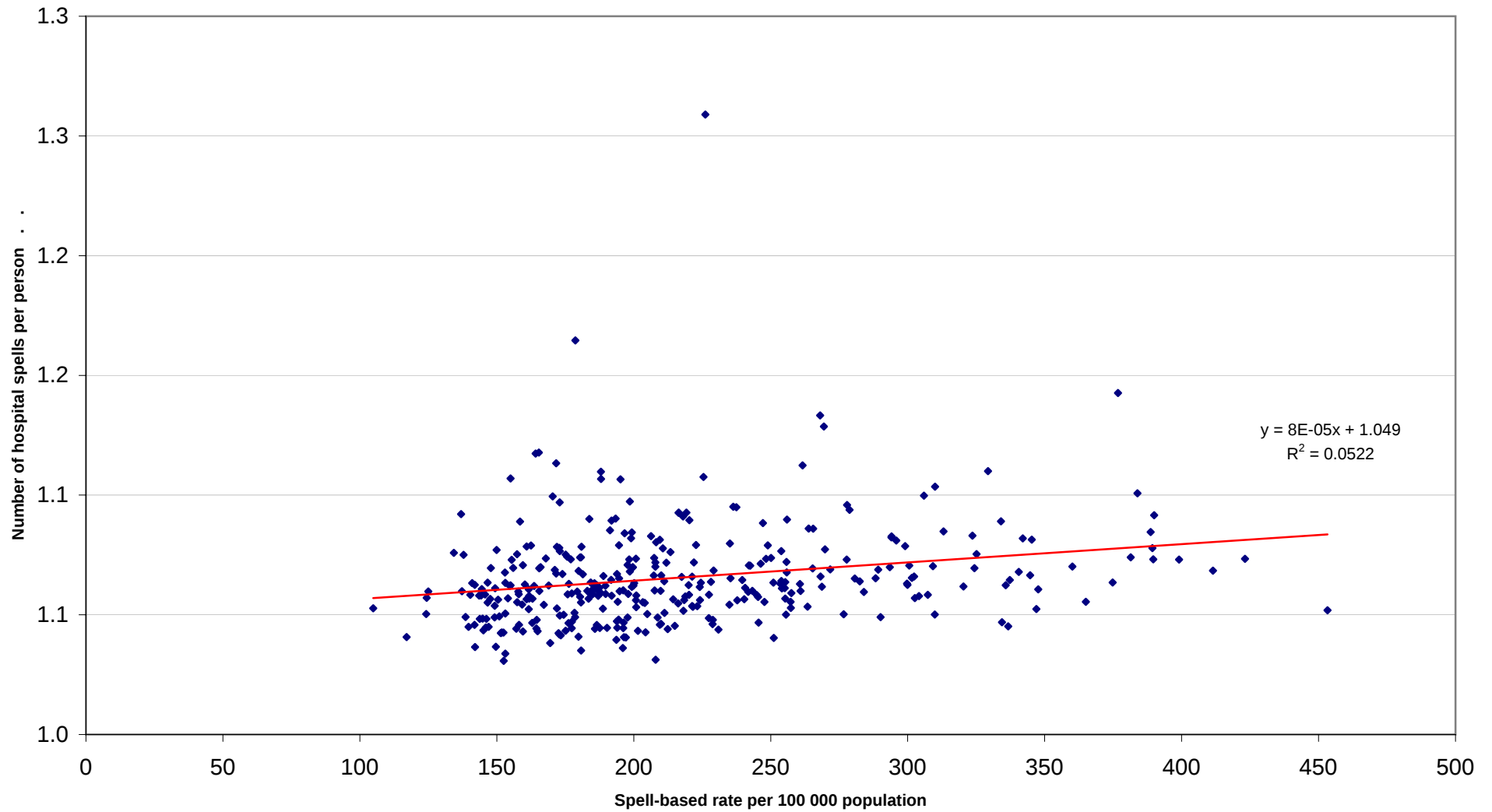
Head injuries : Spell-based rate per 100 000 population for each Local Authority , both sexes



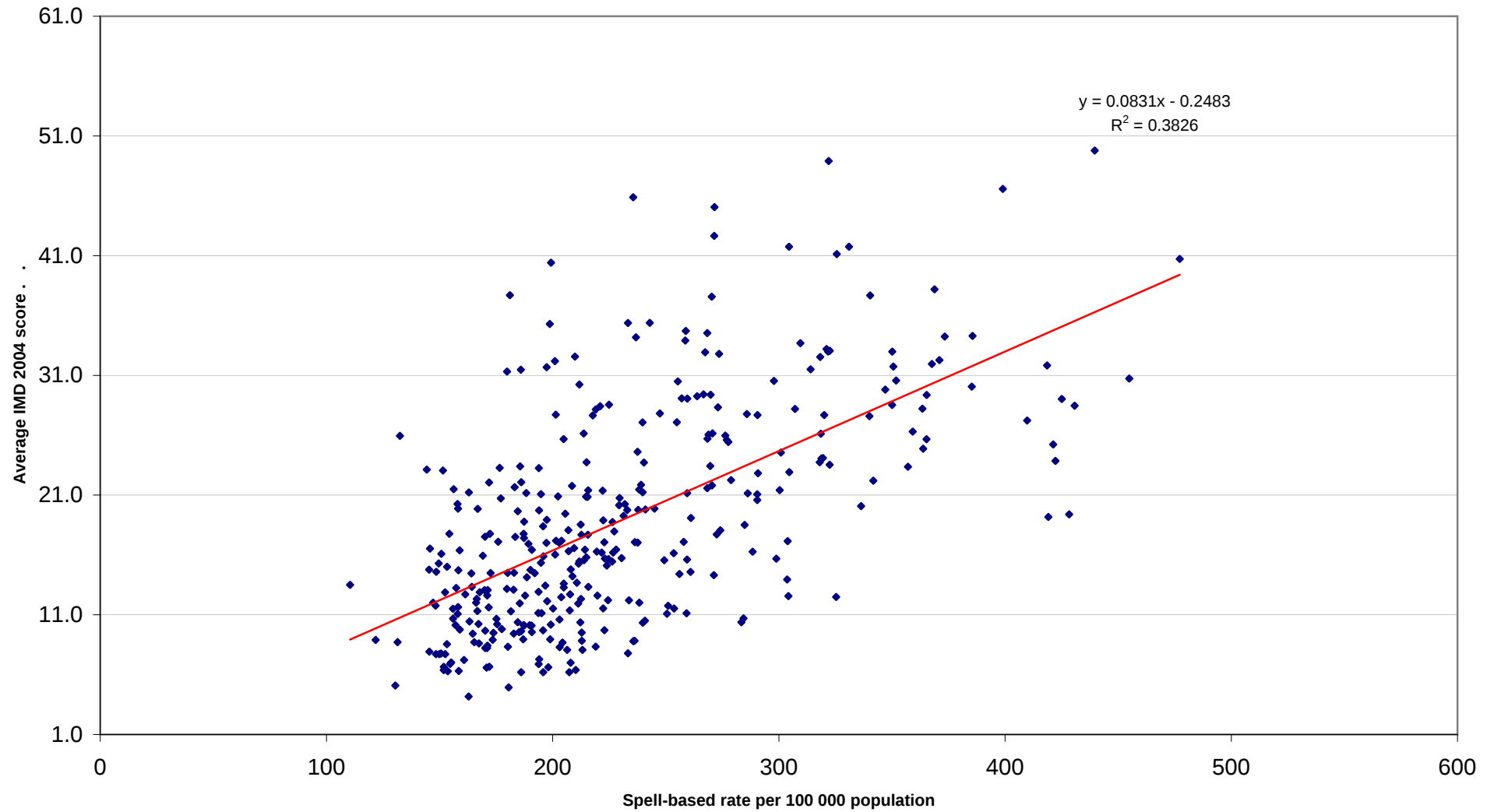
Head injuries : Person-based rate per 100 000 population for each Local Authority , both sexes



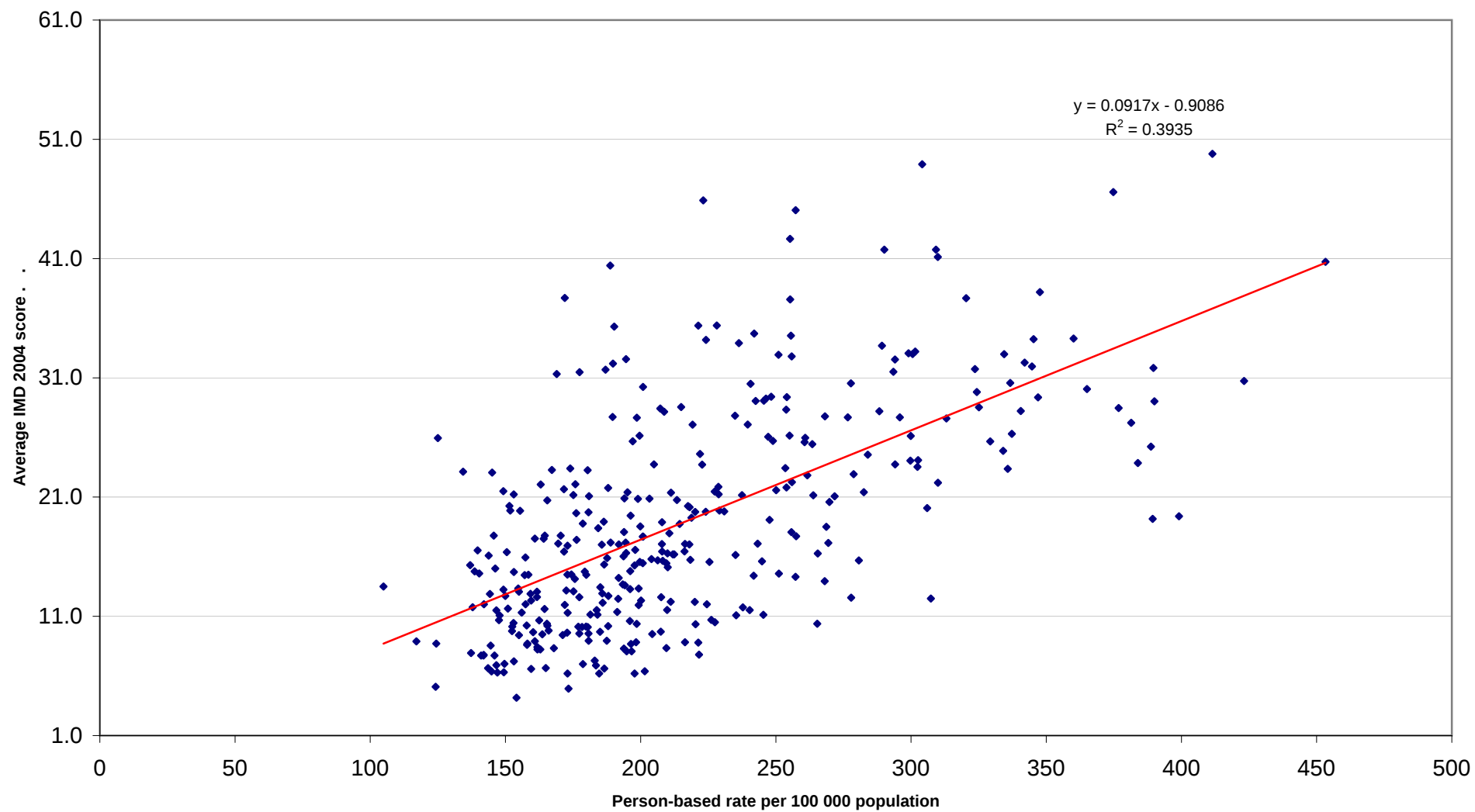
Head injuries : number of spells plotted against the person-based rate for each Local Authority , both sexes



Head injuries : average IMD score plotted against the spell-based rate for each Local Authority , both sexes



Head injuries : average IMD score plotted against the person-based rate for each Local Authority , both sexes



HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Both sexes										
					CIPS					People					
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Ratio of spells to people
N/A	ALL ENGLAND				587834	587834.00	236.74	236.14	237.35	552094	552094.00	222.35	221.76	222.94	1.1
45UB	Adur	17.0	Q19	J	589	707.02	197.22	181.62	213.82	554	663.61	185.62	170.49	201.75	1.1
16UB	Allerdale	22.9	Q13	B	1376	1069.47	304.60	288.72	321.13	1258	1003.43	278.76	263.57	294.60	1.1
35UB	Alnwick	16.1	Q09	A	379	353.95	253.50	228.62	280.35	351	331.96	235.11	211.15	261.04	1.1
17UB	Amber Valley	18.9	Q24	E	1267	1348.97	222.36	210.28	234.95	1184	1266.23	207.91	196.23	220.10	1.1
45UC	Arun	15.6	Q19	J	1802	1710.96	249.34	237.96	261.13	1627	1604.60	225.45	214.63	236.68	1.1
37UB	Ashfield	27.8	Q24	E	1567	1297.82	285.85	271.87	300.36	1470	1218.81	268.18	254.64	282.24	1.1
29UB	Ashford	13.4	Q18	J	1018	1224.81	196.77	184.87	209.24	958	1150.98	185.07	173.53	197.17	1.1
11UB	Aylesbury Vale	8.3	Q16	J	1661	1936.32	203.08	193.43	213.09	1586	1819.56	193.81	184.39	203.59	1.0
42UB	Babergh	11.3	Q01	G	739	963.85	181.52	168.66	195.09	704	904.79	173.01	160.46	186.27	1.0
00AB	Barking and Dagenham	31.3	Q06	H	1553	2044.54	179.83	170.99	189.00	1462	1924.06	168.95	160.40	177.84	1.1
00AC	Barnet	16.1	Q05	H	2496	3918.81	150.79	144.93	156.82	2381	3681.62	143.80	138.08	149.69	1.0
00CC	Barnsley	33.0	Q23	D	3443	2533.27	321.76	311.10	332.69	3216	2379.00	300.58	290.28	311.15	1.1
16UC	Barrow-In-Furness	33.0	Q13	B	1228	830.38	350.11	330.80	370.25	1173	779.88	334.43	315.56	354.13	1.0
22UB	Basildon	20.7	Q03	G	1463	1955.96	177.08	168.12	186.39	1368	1838.34	165.46	156.81	174.47	1.1
24UB	Basingstoke and Deane	8.8	Q17	J	1600	1779.14	212.91	202.60	223.60	1491	1671.68	198.32	188.38	208.65	1.1
37UC	Bassetlaw	25.7	Q24	E	1407	1240.73	268.47	254.62	282.87	1304	1164.73	248.94	235.61	262.83	1.1
00HA	Bath and North East Somerset UA	12.2	Q20	K	1928	2033.36	224.48	214.57	234.73	1812	1908.35	211.12	201.51	221.07	1.1
09UD	Bedford	17.5	Q02	G	1271	1769.45	170.05	160.83	179.67	1203	1662.53	160.89	151.93	170.25	1.1
35UC	Berwick-upon-Tweed	21.2	Q09	A	323	294.71	259.47	231.94	289.37	295	276.21	237.47	211.14	266.18	1.1
00AD	Bexley	15.0	Q07	H	1672	2581.80	153.32	146.06	160.85	1595	2425.61	146.21	139.12	153.57	1.0
00CN	Birmingham	37.6	Q27	F	14128	12373.80	270.31	265.87	274.80	13369	11643.73	255.30	250.99	259.66	1.1
31UB	Blaby	8.7	Q25	E	896	1038.03	204.35	191.19	218.18	861	974.65	196.42	183.52	210.00	1.0
00EX	Blackburn with Darwen UA	32.3	Q13	B	2682	1711.61	370.96	357.06	385.28	2479	1611.68	342.01	328.68	355.74	1.1
00EY	Blackpool UA	33.9	Q13	B	1819	1664.99	258.64	246.89	270.81	1661	1562.66	236.34	225.11	247.99	1.1
35UD	Blyth Valley	26.1	Q09	A	1060	933.19	268.92	252.97	285.61	974	876.17	247.18	231.90	263.20	1.1
17UC	Bolsover	30.5	Q24	E	901	835.46	255.32	238.91	272.55	849	784.42	240.66	224.74	257.41	1.1
00BL	Bolton	29.4	Q14	B	3510	3115.66	266.71	257.96	275.68	3270	2928.44	248.28	239.85	256.94	1.1
32UB	Boston	21.9	Q24	E	658	651.52	239.10	221.18	258.09	629	611.37	228.76	211.23	247.36	1.0
00HN	Bournemouth UA	23.7	Q22	K	1837	2022.94	214.98	205.26	225.04	1749	1897.57	204.94	195.45	214.78	1.1
00MA	Bracknell Forest UA	8.6	Q16	J	921	1302.42	167.41	156.77	178.58	870	1224.33	158.00	147.67	168.86	1.1
00CX	Bradford	32.9	Q12	D	6590	5834.54	267.40	260.98	273.93	6197	5489.92	250.99	244.78	257.32	1.1
22UC	Braintree	13.2	Q03	G	1039	1563.49	157.33	147.90	167.19	986	1468.81	149.26	140.09	158.88	1.1

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Both sexes										
					CIPS					People					
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Ratio of spells to people
N/A	ALL ENGLAND				587834	587834.00	236.74	236.14	237.35	552094	552094.00	222.35	221.76	222.94	1.1
33UB	Breckland	14.5	Q01	G	1157	1426.20	192.06	181.15	203.45	1083	1338.69	179.88	169.33	190.92	1.1
00AE	Brent	26.0	Q04	H	1809	3232.37	132.49	126.46	138.74	1707	3036.28	125.01	119.15	131.08	1.1
22UD	Brentwood	8.9	Q03	G	409	795.43	121.73	110.22	134.12	393	746.53	117.05	105.76	129.22	1.0
39UB	Bridgnorth	12.3	Q26	F	538	599.42	212.49	194.91	231.22	506	562.15	200.14	183.08	218.37	1.1
00ML	Brighton and Hove UA	25.7	Q19	J	2643	3054.83	204.83	197.09	212.79	2540	2865.57	197.09	189.50	204.91	1.0
00HB	Bristol, City of UA	27.7	Q20	K	4103	4823.15	201.40	195.28	207.65	3863	4529.61	189.63	183.69	195.70	1.1
33UC	Broadland	9.6	Q01	G	1065	1355.30	186.04	175.03	197.55	988	1271.30	172.80	162.19	183.92	1.1
00AF	Bromley	13.2	Q07	H	2661	3503.85	179.80	173.03	186.76	2553	3290.50	172.51	165.89	179.34	1.0
47UB	Bromsgrove	10.1	Q28	F	670	1009.77	157.08	145.41	169.44	650	947.54	152.53	141.03	164.72	1.0
26UB	Broxbourne	14.7	Q02	G	673	1006.22	158.34	146.61	170.77	651	945.34	153.12	141.58	165.35	1.0
37UD	Broxtowe	16.0	Q24	E	1052	1238.40	201.11	189.14	213.64	1012	1161.86	193.67	181.92	205.98	1.0
30UD	Burnley	31.8	Q13	B	1878	1062.22	418.56	399.85	437.93	1750	998.60	389.66	371.61	408.35	1.1
00BM	Bury	23.5	Q14	B	2892	2123.34	322.45	310.80	334.42	2713	1995.09	302.36	291.09	313.96	1.1
00CY	Calderdale	25.4	Q12	D	2663	2270.73	277.64	267.20	288.39	2528	2133.48	263.47	253.30	273.94	1.1
12UB	Cambridge	14.6	Q01	G	1599	1450.80	260.93	248.29	274.04	1537	1360.97	251.11	238.71	263.99	1.0
00AG	Camden	34.7	Q05	H	2745	2510.62	258.85	249.25	268.71	2564	2355.88	241.99	232.72	251.55	1.1
41UB	Cannock Chase	20.3	Q26	F	714	1070.36	157.92	146.55	169.94	685	1005.68	151.45	140.32	163.23	1.0
29UC	Canterbury	16.2	Q18	J	1588	1696.13	221.65	210.88	232.83	1521	1592.31	212.39	201.85	223.34	1.0
15UB	Caradon	18.4	Q21	K	754	911.99	195.73	182.01	210.22	709	855.41	184.29	170.98	198.37	1.1
16UD	Carlisle	22.2	Q13	B	1695	1174.20	341.75	325.67	358.42	1536	1101.80	309.98	294.67	325.88	1.1
15UC	Carrick	19.2	Q21	K	1841	1039.88	419.13	400.20	438.73	1708	975.43	389.34	371.09	408.25	1.1
35UE	Castle Morpeth	15.8	Q09	A	499	549.80	214.87	196.43	234.58	473	515.49	204.02	186.05	223.27	1.1
22UE	Castle Point	12.7	Q03	G	671	984.40	161.37	149.39	174.06	623	923.89	149.94	138.39	162.19	1.1
31UC	Charnwood	12.1	Q25	E	1543	1849.02	197.56	187.83	207.67	1452	1736.09	185.97	176.52	195.78	1.1
22UF	Chelmsford	8.6	Q03	G	1188	1835.22	153.25	144.66	162.22	1120	1723.20	144.52	136.18	153.24	1.1
23UB	Cheltenham	14.4	Q20	K	1440	1331.51	256.03	242.98	269.61	1359	1249.68	241.80	229.11	255.01	1.1
38UB	Cherwell	11.2	Q16	J	1275	1558.67	193.66	183.17	204.59	1195	1464.60	181.42	171.28	192.01	1.1
13UB	Chester	17.0	Q15	B	1186	1383.96	202.88	191.50	214.77	1121	1298.70	191.93	180.85	203.50	1.1
17UD	Chesterfield	27.1	Q24	E	1237	1148.89	254.90	240.89	269.51	1162	1078.32	239.60	226.02	253.79	1.1
20UB	Chester-Le-Street	21.4	Q10	A	765	602.95	300.37	279.46	322.44	719	565.85	282.53	262.25	303.96	1.1
45UD	Chichester	10.7	Q19	J	1517	1263.01	284.35	270.22	299.03	1205	1184.75	226.15	213.56	239.29	1.3
11UC	Chiltern	6.2	Q16	J	845	1021.68	195.80	182.82	209.46	797	959.54	184.69	172.08	197.97	1.1

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Both sexes										
					CIPS					People					
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N/A	ALL ENGLAND				587834	587834.00	236.74	236.14	237.35	552094	552094.00	222.35	221.76	222.94	1.1
30UE	Chorley	17.2	Q13	B	1483	1155.32	303.89	288.62	319.76	1314	1084.46	269.41	255.04	284.39	1.1
19UC	Christchurch	12.6	Q22	K	385	532.77	171.08	154.42	189.05	363	499.32	161.65	145.44	179.16	1.1
22UG	Colchester	14.6	Q03	G	1179	1879.52	148.51	140.15	157.23	1114	1765.29	140.32	132.20	148.80	1.1
13UC	Congleton	9.5	Q15	B	929	1033.41	212.83	199.36	226.96	891	969.80	204.28	191.09	218.15	1.0
16UE	Copeland	25.7	Q13	B	1221	791.35	365.28	345.08	386.36	1100	742.72	329.31	310.14	349.36	1.1
34UB	Corby	27.1	Q25	E	625	617.25	239.72	221.29	259.27	572	580.18	219.21	201.62	237.94	1.1
23UC	Cotswold	8.8	Q20	K	932	934.22	236.18	221.26	251.85	853	876.52	216.38	202.10	231.41	1.1
00CQ	Coventry	28.2	Q28	F	3456	3735.14	219.05	211.81	226.48	3295	3510.71	208.69	201.62	215.94	1.0
36UB	Craven	11.9	Q11	D	551	617.31	211.32	194.04	229.72	519	579.12	199.27	182.49	217.17	1.1
45UE	Crawley	14.8	Q19	J	959	1193.78	190.18	178.34	202.61	905	1121.96	179.35	167.86	191.43	1.1
13UD	Crewe and Nantwich	17.1	Q15	B	1413	1297.06	257.91	244.63	271.71	1333	1218.27	243.29	230.40	256.71	1.1
00AH	Croydon	19.9	Q08	H	2839	4027.29	166.89	160.81	173.15	2646	3785.31	155.43	149.56	161.46	1.1
26UC	Dacorum	9.5	Q02	G	1181	1608.62	173.81	164.04	184.01	1112	1511.18	163.62	154.14	173.52	1.1
00EH	Darlington UA	24.6	Q10	A	1459	1147.98	300.89	285.64	316.73	1377	1078.11	283.99	269.19	299.40	1.1
29UD	Dartford	17.2	Q18	J	874	1014.65	203.93	190.63	217.91	834	953.56	194.47	181.50	208.13	1.0
34UC	Daventry	10.2	Q25	E	619	835.12	175.48	161.92	189.86	584	784.57	165.51	152.35	179.49	1.1
00FK	Derby UA	27.7	Q24	E	3802	2812.55	320.03	309.94	330.37	3517	2643.25	295.85	286.15	305.79	1.1
17UF	Derbyshire Dales	12.5	Q24	E	676	785.31	203.79	188.72	219.75	635	736.47	191.72	177.09	207.22	1.1
20UD	Derwentside	28.2	Q10	A	1510	983.59	363.45	345.34	382.25	1414	923.14	340.58	323.06	358.81	1.1
00CE	Doncaster	31.5	Q23	D	4439	3346.43	314.04	304.87	323.42	4149	3143.51	293.47	284.61	302.54	1.1
29UE	Dover	18.7	Q18	J	1179	1232.53	226.46	213.72	239.77	1116	1157.31	214.41	202.02	227.37	1.1
00CR	Dudley	22.1	Q27	F	2766	3518.02	186.14	179.26	193.21	2613	3303.52	175.87	169.19	182.75	1.1
20UE	Durham	18.5	Q10	A	1273	1057.87	284.89	269.45	300.98	1199	992.32	268.66	253.67	284.31	1.1
00AJ	Ealing	23.4	Q04	H	2881	3674.42	185.62	178.91	192.53	2700	3451.17	173.95	167.45	180.64	1.1
20UF	Easington	41.8	Q10	A	1507	1077.91	330.99	314.49	348.13	1408	1012.41	309.23	293.29	325.82	1.1
12UC	East Cambridgeshire	10.6	Q01	G	746	869.80	203.05	188.74	218.16	720	816.77	196.01	181.95	210.86	1.0
18UB	East Devon	12.7	Q21	K	1317	1501.02	207.72	196.65	219.25	1190	1407.08	188.05	177.51	199.04	1.1
19UD	East Dorset	8.2	Q22	K	696	968.11	170.20	157.79	183.33	665	907.58	162.92	150.77	175.79	1.0
24UC	East Hampshire	8.1	Q17	J	1148	1275.06	213.15	201.00	225.85	1059	1197.38	196.65	184.99	208.86	1.1
26UD	East Hertfordshire	6.3	Q02	G	976	1503.59	153.67	144.18	163.63	934	1412.46	147.03	137.75	156.77	1.0
32UC	East Lindsey	24.6	Q24	E	1492	1487.21	237.51	225.61	249.87	1392	1394.42	221.96	210.46	233.94	1.1
34UD	East Northamptonshire	11.8	Q25	E	573	914.89	148.27	136.38	160.93	533	859.57	137.88	126.42	150.09	1.1

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Both sexes										
					CIPS					People					
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Ratio of spells to people
N/A	ALL ENGLAND				587834	587834.00	236.74	236.14	237.35	552094	552094.00	222.35	221.76	222.94	1.1
00FB	East Riding of Yorkshire UA	15.3 Q11	D		2973	3612.76	194.82	187.88	201.95	2843	3389.49	186.50	179.71	193.49	1.0
41UC	East Staffordshire	18.5 Q26	F		1093	1218.41	212.38	199.97	225.35	1029	1144.71	199.87	187.85	212.47	1.1
21UC	Eastbourne	21.5 Q19	J		1143	1135.77	238.25	224.64	252.48	1090	1065.82	227.39	214.09	241.31	1.0
24UD	Eastleigh	8.9 Q17	J		989	1349.40	173.51	162.87	184.67	917	1267.37	160.88	150.63	171.64	1.1
16UF	Eden	15.7 Q13	B		536	568.80	223.09	204.60	242.80	495	533.49	206.31	188.53	225.31	1.1
13UE	Ellesmere Port and Neston	19.8 Q15	B		953	936.06	241.03	225.97	256.83	913	879.16	230.91	216.17	246.39	1.0
43UB	Elmbridge	7.0 Q19	J		962	1468.13	155.13	145.48	165.25	928	1378.99	149.63	140.16	159.58	1.0
00AK	Enfield	23.1 Q05	H		2158	3371.90	151.52	145.19	158.05	2068	3169.00	145.10	138.91	151.49	1.0
22UH	Epping Forest	13.3 Q03	G		975	1404.94	164.30	154.14	174.94	918	1319.21	154.73	144.88	165.07	1.1
43UC	Epsom and Ewell	6.9 Q19	J		652	796.45	193.81	179.21	209.27	617	747.70	183.48	169.29	198.55	1.1
17UG	Erewash	19.3 Q24	E		1247	1275.89	231.38	218.72	244.59	1179	1198.12	218.80	206.49	231.66	1.1
18UC	Exeter	21.6 Q21	K		1573	1387.80	268.34	255.24	281.93	1465	1302.39	250.11	237.47	263.26	1.1
24UE	Fareham	7.8 Q17	J		1224	1242.28	233.26	220.37	246.70	1162	1165.97	221.59	209.03	234.71	1.1
12UD	Fenland	19.8 Q01	G		982	977.68	237.79	223.15	253.14	925	917.86	224.08	209.87	239.00	1.1
42UC	Forest Heath	11.1 Q01	G		593	719.67	195.08	179.69	211.43	560	676.54	184.05	169.12	199.94	1.1
23UD	Forest of Dean	15.9 Q20	K		657	919.50	169.16	156.47	182.60	611	863.21	157.38	145.15	170.37	1.1
30UF	Fylde	13.1 Q13	B		621	858.32	171.29	158.08	185.30	561	804.69	155.01	142.45	168.39	1.1
00CH	Gateshead	33.2 Q09	A		2998	2210.40	321.10	309.71	332.80	2814	2074.98	301.54	290.50	312.89	1.1
37UE	Gedling	16.4 Q24	E		1156	1277.29	214.26	202.09	226.98	1121	1198.52	207.97	195.97	220.51	1.0
23UE	Gloucester	19.9 Q20	K		1357	1311.26	245.00	232.14	258.39	1270	1232.49	229.12	216.69	242.07	1.1
24UF	Gosport	16.3 Q17	J		1124	922.64	288.41	271.80	305.78	1035	866.77	265.51	249.58	282.19	1.1
29UG	Gravesham	18.1 Q18	J		971	1110.81	206.95	194.13	220.38	910	1043.77	193.85	181.46	206.87	1.1
33UD	Great Yarmouth	27.7 Q01	G		981	1066.53	217.76	204.34	231.82	894	1001.03	198.58	185.77	212.03	1.1
00AL	Greenwich	31.5 Q07	H		2135	2718.00	185.96	178.16	194.02	2039	2555.45	177.41	169.80	185.29	1.0
43UD	Guildford	8.3 Q19	J		1437	1553.40	219.00	207.83	230.63	1374	1458.01	209.54	198.60	220.92	1.0
00AM	Hackney	45.1 Q06	H		2966	2586.23	271.51	261.82	281.46	2817	2434.07	257.33	247.92	267.01	1.1
00ET	Halton UA	34.3 Q15	B		2258	1386.36	385.59	369.85	401.83	2110	1302.82	360.11	344.91	375.81	1.1
36UC	Hambleton	10.4 Q11	D		1141	953.02	283.44	267.23	300.38	1067	894.22	265.31	249.63	281.72	1.1
00AN	Hammersmith and Fulham	27.8 Q04	H		2159	2065.96	247.41	237.08	258.07	2048	1938.30	234.94	224.87	245.34	1.1
31UD	Harborough	7.2 Q25	E		603	887.67	160.82	148.24	174.19	574	833.49	153.13	140.85	166.18	1.1
00AP	Haringey	37.7 Q05	H		2078	2716.24	181.12	173.41	189.08	1974	2552.64	171.95	164.44	179.70	1.1
22UJ	Harlow	21.4 Q03	G		869	926.30	222.10	207.58	237.37	827	870.68	211.20	197.05	226.09	1.1

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Both sexes								
					CIPS				People				
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval	Ratio of spells to people
N/A	ALL ENGLAND				587834	587834.00	236.74	236.14 237.35	552094	552094.00	222.35	221.76 222.94	1.1
36UD	Harrogate	11.1 Q11	D		1877	1773.84	250.51	239.31 262.11	1762	1664.80	235.33	224.47 246.58	1.1
00AQ	Harrow	13.5 Q04	H		1178	2525.74	110.42	104.20 116.91	1119	2372.03	104.89	98.84 111.22	1.1
24UG	Hart	4.2 Q17	J		669	972.68	162.83	150.72 175.65	633	913.54	154.07	142.30 166.55	1.1
00EB	Hartlepool UA	37.7 Q10	A		1511	1050.90	340.40	323.45 358.00	1423	987.64	320.36	303.93 337.45	1.1
21UD	Hastings	31.7 Q19	J		1526	1030.31	350.64	333.27 368.69	1409	968.02	323.64	306.96 340.99	1.1
24UH	Havant	20.1 Q17	J		1918	1350.06	336.34	321.45 351.74	1744	1267.47	305.95	291.76 320.65	1.1
00AR	Havering	14.8 Q06	H		1604	2612.39	145.36	138.33 152.65	1529	2452.87	138.60	131.74 145.73	1.0
00GA	Herefordshire, County of UA	15.7 Q28	F		1911	2013.29	224.72	214.75 235.02	1769	1889.42	208.18	198.59 218.11	1.1
26UE	Hertsmere	12.0 Q02	G		783	1115.60	166.16	154.73 178.22	742	1047.99	157.43	146.30 169.18	1.1
17UH	High Peak	15.1 Q24	E		979	1035.05	223.92	210.11 238.40	918	971.88	210.02	196.66 224.06	1.1
00AS	Hillingdon	17.7 Q04	H		2678	2980.39	212.72	204.74 220.94	2531	2801.10	200.91	193.16 208.89	1.1
31UE	Hinckley and Bosworth	11.1 Q25	E		769	1152.40	157.98	147.01 169.55	719	1081.49	147.82	137.21 159.04	1.1
45UF	Horsham	6.7 Q19	J		912	1421.61	151.88	142.18 162.06	862	1334.99	143.57	134.15 153.48	1.1
00AT	Hounslow	23.3 Q04	H		2121	2590.26	193.86	185.69 202.29	1975	2434.01	180.42	172.55 188.56	1.1
12UE	Huntingdonshire	10.2 Q01	G		1541	1831.76	199.17	189.34 209.36	1455	1721.22	187.96	178.43 197.87	1.1
30UG	Hyndburn	28.5 Q13	B		1441	974.46	350.09	332.24 368.64	1340	916.39	325.13	307.96 343.02	1.1
42UD	Ipswich	23.4 Q01	G		1620	1422.34	269.65	256.67 283.10	1524	1336.58	253.53	240.96 266.59	1.1
00MW	Isle of Wight UA	21.1 Q17	J		1293	1571.21	194.82	184.35 205.74	1199	1473.78	180.89	170.80 191.43	1.1
00AU	Islington	42.7 Q05	H		2473	2157.19	271.40	260.81 282.32	2325	2025.09	255.28	245.01 265.87	1.1
46UB	Kennet	10.1 Q20	K		703	887.91	187.44	173.84 201.82	669	834.09	178.34	165.08 192.38	1.1
00AW	Kensington and Chelsea	21.5 Q04	H		1308	1981.92	156.24	147.89 164.95	1247	1858.36	149.20	141.03 157.72	1.0
15UD	Kerrier	25.2 Q21	K		1924	1081.23	421.27	402.66 440.53	1774	1014.72	388.73	370.85 407.25	1.1
34UE	Kettering	15.3 Q25	E		617	976.36	149.61	138.03 161.89	565	917.17	136.97	125.91 148.75	1.1
33UE	Kings Lynn and West Norfolk	19.1 Q01	G		1734	1572.00	261.14	248.99 273.73	1643	1474.88	247.70	235.86 259.97	1.1
00FA	Kingston upon Hull, City of UA	41.1 Q11	D		4148	3015.78	325.63	315.79 335.69	3950	2834.01	309.91	300.32 319.73	1.1
00AX	Kingston upon Thames	11.6 Q08	H		1320	1820.04	171.70	162.56 181.22	1264	1708.95	164.46	155.52 173.78	1.0
00CZ	Kirklees	26.2 Q12	D		4215	4669.28	213.71	207.31 220.26	3940	4389.25	199.59	193.41 205.92	1.1
00BX	Knowsley	46.6 Q15	B		2982	1769.22	399.03	384.83 413.61	2804	1663.40	374.82	361.07 388.95	1.1
00AY	Lambeth	34.2 Q07	H		3291	3290.31	236.79	228.77 245.03	3116	3090.52	224.18	216.38 232.20	1.1
30UH	Lancaster	22.3 Q13	B		1942	1648.82	278.84	266.58 291.53	1782	1548.08	255.95	244.20 268.12	1.1
00DA	Leeds	27.7 Q12	D		10670	8693.77	290.56	285.07 296.13	10160	8166.33	276.63	271.28 282.07	1.1
00FN	Leicester UA	32.8 Q25	E		4131	3574.92	273.57	265.29 282.04	3869	3362.35	255.86	247.86 264.05	1.1

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					CIPS					People				
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N/A	ALL ENGLAND				587834	587834.00	236.74	236.14 237.35	552094	552094.00	222.35	221.76 222.94	1.1	
21UF	Lewes	12.9 Q19	J		777	1096.51	167.76	156.17 179.98	737	1028.97	159.26	147.97 171.18	1.1	
00AZ	Lewisham	28.6 Q07	H		2903	3055.78	224.91	216.80 233.24	2777	2872.02	214.99	207.07 223.14	1.0	
41UD	Lichfield	12.0 Q26	F		653	1050.69	147.14	136.07 158.87	630	986.06	142.06	131.18 153.60	1.0	
32UD	Lincoln	27.2 Q24	E		1829	1056.74	409.76	391.19 428.98	1703	992.74	381.43	363.53 399.99	1.1	
00BY	Liverpool	49.8 Q15	B		9961	5364.04	439.63	431.04 448.35	9323	5038.41	411.43	403.12 419.87	1.1	
00KA	Luton UA	23.3 Q02	G		1693	2270.22	176.55	168.24 185.17	1606	2136.33	167.15	159.08 175.53	1.1	
13UG	Macclesfield	11.1 Q15	B		1878	1715.37	259.19	247.60 271.18	1776	1609.42	245.36	234.08 257.05	1.1	
29UH	Maidstone	11.5 Q18	J		1073	1629.56	155.89	146.70 165.50	1009	1530.03	146.63	137.72 155.97	1.1	
22UK	Maldon	10.7 Q03	G		448	680.09	155.95	141.84 171.08	424	638.63	147.62	133.90 162.37	1.1	
47UC	Malvern Hills	13.1 Q28	F		603	840.30	169.89	156.60 184.01	573	788.18	161.65	148.68 175.44	1.1	
00BN	Manchester	48.9 Q14	B		7394	5436.21	322.01	314.71 329.43	6990	5110.19	304.14	297.05 311.36	1.1	
37UF	Mansfield	32.5 Q24	E		1538	1144.01	318.28	302.57 334.59	1421	1074.37	294.09	278.99 309.79	1.1	
00LC	Medway UA	18.0 Q18	J		2841	2960.09	227.22	218.94 235.73	2636	2782.90	210.61	202.65 218.81	1.1	
31UG	Melton	10.1 Q25	E		440	548.74	189.83	172.50 208.43	410	515.12	176.97	160.26 194.96	1.1	
40UB	Mendip	14.5 Q22	K		894	1226.61	172.55	161.42 184.24	821	1151.85	158.48	147.83 169.71	1.1	
00BA	Merton	14.5 Q08	H		1745	2293.74	180.11	171.75 188.76	1675	2154.03	172.90	164.72 181.39	1.0	
09UC	Mid Bedfordshire	7.7 Q02	G		891	1421.26	148.42	138.83 158.49	852	1335.34	141.87	132.50 151.72	1.0	
18UD	Mid Devon	17.1 Q21	K		814	815.42	236.33	220.37 253.14	745	765.46	216.41	201.14 232.52	1.1	
42UE	Mid Suffolk	9.8 Q01	G		750	1000.24	177.52	165.04 190.69	701	938.99	165.99	153.93 178.75	1.1	
45UG	Mid Sussex	6.4 Q19	J		953	1486.22	151.81	142.32 161.76	909	1395.55	144.83	135.57 154.56	1.0	
00EC	Middlesbrough UA	40.7 Q10	A		3407	1690.14	477.23	461.34 493.53	3239	1588.84	453.28	437.80 469.17	1.1	
00MG	Milton Keynes UA	15.6 Q16	J		2297	2542.83	213.86	205.20 222.79	2147	2390.91	199.67	191.31 208.30	1.1	
43UE	Mole Valley	6.2 Q19	J		731	930.03	186.08	172.83 200.07	679	872.83	172.97	160.21 186.49	1.1	
24UJ	New Forest	10.4 Q17	J		1547	1984.04	184.59	175.51 194.03	1384	1861.04	165.36	156.76 174.30	1.1	
37UG	Newark and Sherwood	19.8 Q24	E		1216	1235.89	232.93	220.02 246.40	1149	1160.36	220.17	207.63 233.28	1.1	
00CJ	Newcastle upon Tyne	34.5 Q09	A		3711	3274.37	268.31	259.75 277.09	3534	3074.46	255.59	247.23 264.15	1.1	
41UE	Newcastle-under-Lyme	19.9 Q26	F		954	1428.12	158.15	148.27 168.51	915	1340.32	151.79	142.11 161.96	1.0	
00BB	Newham	40.4 Q06	H		2683	3187.16	199.29	191.82 206.98	2549	3002.76	188.75	181.49 196.22	1.1	
15UE	North Cornwall	22.8 Q21	K		1158	942.81	290.78	274.27 308.02	1041	884.67	261.64	245.99 278.03	1.1	
18UE	North Devon	20.6 Q21	K		1254	1022.18	290.44	274.58 306.97	1164	959.20	269.82	254.54 285.78	1.1	
19UE	North Dorset	11.4 Q22	K		649	740.28	207.55	191.89 224.16	598	694.89	191.35	176.32 207.32	1.1	
17UJ	North East Derbyshire	18.9 Q24	E		909	1090.09	197.41	184.79 210.68	857	1022.52	186.36	174.09 199.26	1.1	

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N/A	ALL ENGLAND				587834	587834.00	236.74	236.14	237.35	552094	552094.00	222.35	221.76	222.94	1.1
00FC	North East Lincolnshire UA	29.4 Q11	D		2873	1861.65	365.36	352.12	378.97	2730	1749.49	346.97	334.07	360.23	1.1
26UF	North Hertfordshire	10.1 Q02	G		1096	1386.28	187.17	176.25	198.59	1053	1302.09	179.81	169.12	191.01	1.0
32UE	North Kesteven	11.5 Q24	E		1178	1099.25	253.70	239.42	268.62	1115	1031.66	240.31	226.41	254.84	1.1
00FD	North Lincolnshire UA	21.2 Q11	D		1794	1771.41	239.76	228.80	251.12	1712	1663.30	228.86	218.15	239.96	1.0
33UF	North Norfolk	16.9 Q01	G		905	1131.75	189.31	177.18	202.06	825	1060.57	172.96	161.36	185.18	1.1
39UC	North Shropshire	16.6 Q26	F		595	672.38	209.50	193.00	227.03	562	631.22	197.97	181.94	215.03	1.1
00HC	North Somerset UA	14.1 Q20	K		1765	2215.84	188.58	179.88	197.58	1643	2079.55	175.67	167.28	184.38	1.1
00CK	North Tyneside	26.0 Q09	A		2581	2211.30	276.32	265.77	287.20	2435	2075.38	260.88	250.62	271.45	1.1
44UB	North Warwickshire	16.4 Q28	F		469	698.93	158.86	144.81	173.91	444	656.03	150.49	136.81	165.16	1.1
31UH	North West Leicestershire	15.9 Q25	E		822	993.41	195.89	182.73	209.76	787	932.71	187.62	174.73	201.19	1.0
46UC	North Wiltshire	8.4 Q20	K		1060	1465.79	171.20	161.05	181.83	1002	1377.18	161.78	151.91	172.11	1.1
34UF	Northampton	20.2 Q25	E		2299	2346.73	231.93	222.54	241.61	2157	2205.18	217.49	208.41	226.87	1.1
33UG	Norwich	28.3 Q01	G		1757	1523.22	273.08	260.46	286.15	1632	1429.50	253.85	241.68	266.47	1.1
00FY	Nottingham UA	41.8 Q24	E		4428	3442.92	304.48	295.58	313.58	4221	3235.23	290.10	281.41	298.99	1.0
44UC	Nuneaton and Bedworth	21.2 Q28	F		1102	1385.22	188.34	177.38	199.80	1025	1301.36	175.13	164.57	186.19	1.1
31UJ	Oadby and Wigston	9.7 Q25	E		542	655.42	195.77	179.64	212.97	512	615.39	184.99	169.31	201.73	1.1
00BP	Oldham	30.7 Q14	B		5031	2618.42	454.88	442.39	467.62	4687	2462.79	423.16	411.13	435.45	1.1
39UD	Oswestry	17.1 Q26	F		326	438.75	175.91	157.33	196.08	314	411.91	169.50	151.26	189.32	1.0
38UC	Oxford	19.7 Q16	J		1480	1806.34	193.97	184.22	204.11	1378	1695.52	180.71	171.29	190.51	1.1
30UJ	Pendle	27.6 Q13	B		1535	1068.78	340.02	323.22	357.46	1415	1004.86	313.10	297.00	329.85	1.1
15UF	Penwith	29.0 Q21	K		1311	730.13	425.09	402.39	448.74	1201	684.74	389.99	368.25	412.69	1.1
00JA	Peterborough UA	23.4 Q01	G		2846	1887.07	357.05	344.05	370.41	2679	1774.00	335.78	323.19	348.74	1.1
00HG	Plymouth UA	26.2 Q21	K		3315	2899.91	270.63	261.50	280.01	3124	2722.97	255.10	246.23	264.20	1.1
00HP	Poole UA	14.3 Q22	K		1867	1629.38	271.27	259.10	283.86	1769	1528.83	257.28	245.43	269.56	1.1
00MR	Portsmouth UA	24.9 Q17	J		3584	2332.19	363.82	352.00	375.93	3291	2190.35	334.08	322.76	345.69	1.1
30UK	Preston	28.5 Q13	B		2884	1585.01	430.77	415.19	446.78	2524	1489.49	376.78	362.22	391.78	1.1
19UG	Purbeck	12.6 Q22	K		476	512.74	219.78	200.48	240.44	449	480.91	207.60	188.84	227.72	1.1
00MC	Reading UA	18.8 Q16	J		1413	1785.27	187.38	177.73	197.41	1347	1676.90	178.61	169.20	188.41	1.0
00BC	Redbridge	17.8 Q06	H		1918	2942.53	154.31	147.48	161.38	1812	2765.68	145.68	139.05	152.54	1.1
00EE	Redcar and Cleveland UA	30.6 Q10	A		2383	1603.45	351.84	337.86	366.26	2280	1505.73	336.69	323.01	350.80	1.0
47UD	Redditch	19.4 Q28	F		806	928.32	205.55	191.60	220.25	770	872.32	196.27	182.65	210.64	1.0
43UF	Reigate and Banstead	9.0 Q19	J		1247	1484.17	198.91	188.02	210.27	1175	1393.64	187.47	176.90	198.50	1.1

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Both sexes										
					CIPS					People					
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Ratio of spells to people
N/A	ALL ENGLAND				587834	587834.00	236.74	236.14	237.35	552094	552094.00	222.35	221.76	222.94	1.1
15UG	Restormel	23.9	Q21	K	2010	1126.93	422.26	404.00	441.13	1826	1057.61	383.90	366.49	401.92	1.1
30UL	Ribble Valley	10.3	Q13	B	633	624.83	239.84	221.52	259.27	581	586.43	220.29	202.74	238.96	1.1
00BD	Richmond upon Thames	9.7	Q08	H	1509	2098.92	170.21	161.72	179.01	1420	1970.55	160.23	152.00	168.78	1.1
36UE	Richmondshire	12.5	Q11	D	798	580.71	325.33	303.15	348.71	754	545.51	307.33	285.78	330.08	1.1
00BQ	Rochdale	33.7	Q14	B	3214	2458.32	309.52	298.91	320.41	3007	2311.51	289.25	279.00	299.78	1.1
22UL	Rochford	8.7	Q03	G	500	900.40	131.47	120.19	143.51	473	845.36	124.41	113.45	136.14	1.1
30UM	Rossendale	24.1	Q13	B	1029	764.06	318.84	299.65	338.93	968	718.05	299.75	281.16	319.25	1.1
21UG	Rother	16.2	Q19	J	986	1029.51	226.74	212.80	241.35	920	965.33	211.91	198.43	226.06	1.1
00CF	Rotherham	28.2	Q23	D	3771	2906.50	307.16	297.43	317.12	3540	2730.45	288.28	278.86	297.93	1.1
44UD	Rugby	13.6	Q28	F	895	1033.95	204.93	191.72	218.81	848	971.09	194.17	181.32	207.69	1.1
43UG	Runnymede	7.8	Q19	J	595	934.82	150.69	138.82	163.29	560	877.26	141.94	130.42	154.20	1.1
37UJ	Rushcliffe	9.0	Q24	E	974	1233.19	186.99	175.43	199.11	941	1157.56	180.75	169.39	192.68	1.0
24UL	Rushmoor	10.4	Q17	J	973	1085.34	212.24	199.11	226.01	911	1020.21	198.55	185.86	211.87	1.1
00FP	Rutland UA	6.6	Q25	E	341	407.62	198.05	177.59	220.23	321	382.59	186.56	166.70	208.12	1.1
36UF	Ryedale	12.9	Q11	D	473	577.87	193.78	176.71	212.06	453	542.02	185.83	169.11	203.76	1.0
00BR	Salford	38.2	Q14	B	4060	2606.10	368.82	357.56	380.34	3828	2448.17	347.67	336.74	358.86	1.1
46UD	Salisbury	11.8	Q20	K	1432	1350.49	251.03	238.20	264.38	1356	1267.89	237.80	225.31	250.80	1.1
00CS	Sandwell	35.4	Q27	F	3504	3414.68	242.94	234.96	251.12	3294	3209.92	228.17	220.45	236.10	1.1
36UG	Scarborough	24.1	Q11	D	1669	1236.83	319.47	304.32	335.17	1579	1160.14	302.63	287.88	317.93	1.1
20UG	Sedgefield	29.1	Q10	A	1093	997.01	259.54	244.38	275.39	1021	936.06	242.53	227.88	257.87	1.1
40UC	Sedgemoor	17.4	Q22	K	980	1238.71	187.30	175.75	199.40	922	1162.80	176.30	165.11	188.06	1.1
00CA	Sefton	26.1	Q15	B	4419	3284.32	318.54	309.21	328.07	4159	3083.36	299.92	290.87	309.17	1.1
36UH	Selby	13.1	Q11	D	674	873.38	182.70	169.16	197.03	646	820.10	175.15	161.90	189.19	1.0
29UK	Sevenoaks	9.6	Q18	J	988	1263.11	185.18	173.81	197.10	946	1186.10	177.34	166.22	189.01	1.0
00CG	Sheffield	28.4	Q23	D	5812	6225.40	221.02	215.38	226.78	5450	5846.18	207.28	201.82	212.86	1.1
29UL	Shepway	20.8	Q18	J	1116	1150.89	229.57	216.29	243.44	1037	1080.45	213.41	200.62	226.80	1.1
39UE	Shrewsbury and Atcham	15.7	Q26	F	1406	1113.82	298.85	283.43	314.89	1320	1045.60	280.70	265.76	296.26	1.1
00MD	Slough UA	20.9	Q16	J	1318	1452.89	214.76	203.32	226.68	1249	1366.21	203.27	192.16	214.87	1.1
00CT	Solihull	16.4	Q27	F	2216	2300.30	228.07	218.67	237.77	2101	2160.42	216.24	207.09	225.68	1.1
09UE	South Bedfordshire	12.3	Q02	G	921	1310.01	166.44	155.87	177.55	883	1230.88	159.51	149.16	170.39	1.0
11UE	South Bucks	8.1	Q16	J	620	711.12	206.41	190.48	223.31	585	667.66	194.82	179.35	211.27	1.1
12UG	South Cambridgeshire	6.4	Q01	G	1350	1520.52	210.19	199.13	221.71	1294	1427.82	201.51	190.68	212.80	1.0

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Both sexes										
					CIPS					People					
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Ratio of spells to people
N/A	ALL ENGLAND				587834	587834.00	236.74	236.14	237.35	552094	552094.00	222.35	221.76	222.94	1.1
17UK	South Derbyshire	14.8	Q24	E	845	961.92	207.97	194.18	222.48	797	903.47	196.15	182.76	210.25	1.1
00HD	South Gloucestershire UA	9.8	Q20	K	1910	2844.94	158.94	151.89	166.23	1832	2672.43	152.43	145.52	159.57	1.0
18UG	South Hams	14.2	Q21	K	829	940.19	208.75	194.78	223.45	761	881.78	191.89	178.50	206.03	1.1
32UF	South Holland	15.3	Q24	E	786	879.97	211.46	196.94	226.78	734	825.36	197.74	183.69	212.58	1.1
32UG	South Kesteven	12.2	Q24	E	1430	1448.50	233.72	221.76	246.16	1346	1360.08	220.05	208.45	232.13	1.1
16UG	South Lakeland	12.0	Q13	B	1174	1166.44	238.28	224.84	252.31	1104	1093.53	224.48	211.43	238.12	1.1
33UH	South Norfolk	10.7	Q01	G	943	1274.82	175.12	164.12	186.67	874	1196.09	162.47	151.88	173.61	1.1
34UG	South Northamptonshire	6.6	Q25	E	666	923.12	170.80	158.08	184.28	622	867.08	159.50	147.21	172.55	1.1
38UD	South Oxfordshire	7.7	Q16	J	942	1487.69	149.91	140.48	159.79	886	1397.20	141.00	131.87	150.60	1.1
30UN	South Ribble	14.0	Q13	B	1539	1199.80	303.67	288.69	319.24	1358	1126.42	268.06	253.99	282.71	1.1
39UF	South Shropshire	15.5	Q26	F	414	462.79	211.78	191.87	233.20	392	434.06	200.81	181.42	221.70	1.1
40UD	South Somerset	13.7	Q22	K	1584	1779.67	210.71	200.46	221.35	1453	1670.67	193.38	183.56	203.59	1.1
41UF	South Staffordshire	11.7	Q26	F	787	1177.89	158.18	147.32	169.63	750	1105.04	150.91	140.30	162.11	1.0
00CL	South Tyneside	33.1	Q09	A	2413	1771.37	322.50	309.76	335.63	2237	1663.18	299.06	286.80	311.72	1.1
00MS	Southampton UA	23.7	Q17	J	2808	2765.74	240.36	231.55	249.42	2602	2597.46	222.74	214.26	231.47	1.1
00KF	Southend-On-Sea UA	21.7	Q03	G	1508	1948.78	183.20	174.07	192.68	1413	1830.37	171.65	162.81	180.84	1.1
00BE	Southwark	35.4	Q07	H	3063	3108.03	233.31	225.12	241.73	2907	2920.58	221.32	213.34	229.51	1.1
43UH	Spelthorne	10.4	Q19	J	710	1029.84	163.22	151.43	175.68	665	966.64	152.97	141.56	165.05	1.1
26UG	St. Albans	7.7	Q02	G	982	1524.28	152.52	143.13	162.37	940	1432.12	145.94	136.76	155.58	1.0
42UF	St. Edmundsbury	11.5	Q01	G	1078	1148.04	222.30	209.23	235.98	1017	1077.80	209.81	197.11	223.11	1.1
00BZ	St. Helens	32.0	Q15	B	3159	2034.18	367.65	354.94	380.70	2962	1910.56	344.72	332.41	357.36	1.1
41UG	Stafford	12.9	Q26	F	893	1386.74	152.45	142.62	162.79	844	1300.86	144.26	134.69	154.33	1.1
41UH	Staffordshire Moorlands	16.5	Q26	F	651	1057.15	145.79	134.80	157.43	623	991.56	139.70	128.95	151.12	1.0
26UH	Stevenage	15.6	Q02	G	1035	944.54	259.42	243.85	275.72	978	888.03	244.88	229.77	260.72	1.1
00BS	Stockport	18.1	Q14	B	3808	3288.53	274.14	265.50	282.99	3552	3087.85	255.77	247.43	264.33	1.1
00EF	Stockton-On-Tees UA	26.3	Q10	A	3267	2153.35	359.18	346.97	371.71	3069	2023.22	337.28	325.45	349.43	1.1
00GL	Stoke-On-Trent UA	35.3	Q26	F	2391	2848.26	198.74	190.85	206.87	2289	2675.23	190.25	182.53	198.21	1.0
44UE	Stratford-On-Avon	8.8	Q28	F	1277	1282.90	235.66	222.91	248.95	1198	1203.51	221.33	208.97	234.23	1.1
23UF	Stroud	10.2	Q20	K	888	1257.27	167.21	156.39	178.58	838	1180.38	157.86	147.35	168.92	1.1
42UG	Suffolk Coastal	11.5	Q01	G	1138	1346.08	200.15	188.69	212.12	1044	1263.19	183.77	172.79	195.26	1.1
00CM	Sunderland	34.2	Q09	A	5207	3301.99	373.33	363.26	383.61	4815	3100.45	345.31	335.62	355.20	1.1
43UJ	Surrey Heath	4.9	Q19	J	704	923.28	180.52	167.43	194.36	676	867.17	173.33	160.51	186.91	1.0

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N/A	ALL ENGLAND				587834	587834.00	236.74	236.14 237.35	552094	552094.00	222.35	221.76 222.94	1.1	
00BF	Sutton	13.3	Q08	H	1857	2145.54	204.91	195.69 214.44	1778	2015.72	196.13	187.12 205.46	1.0	
29UM	Swale	20.9	Q18	J	1320	1450.49	215.45	203.98 227.39	1220	1363.12	199.01	187.99 210.49	1.1	
00HX	Swindon UA	17.2	Q20	K	1804	2119.74	201.48	192.29 211.00	1692	1991.51	188.91	180.02 198.13	1.1	
00BT	Tameside	29.8	Q14	B	3678	2509.15	347.03	335.90 358.43	3439	2357.49	324.35	313.60 335.38	1.1	
41UK	Tamworth	19.7	Q26	F	675	865.81	184.57	170.91 199.03	645	813.96	176.19	162.86 190.33	1.0	
43UK	Tandridge	8.3	Q19	J	701	920.90	180.21	167.12 194.06	653	864.75	167.90	155.27 181.29	1.1	
40UE	Taunton Deane	16.3	Q22	K	1132	1220.96	219.49	206.89 232.66	1082	1146.05	209.92	197.60 222.81	1.0	
20UH	Teesdale	16.4	Q10	A	226	280.39	190.82	166.75 217.39	203	262.90	171.69	148.88 197.00	1.1	
18UH	Teignbridge	17.0	Q21	K	1426	1421.00	237.58	225.41 250.24	1307	1333.07	218.00	206.34 230.15	1.1	
00GF	Telford and Wrekin UA	21.8	Q26	F	2141	1874.23	270.44	259.11 282.15	2012	1761.95	253.91	242.93 265.25	1.1	
22UN	Tendring	23.1	Q03	G	1007	1651.72	144.34	135.56 153.53	936	1549.24	134.34	125.87 143.23	1.1	
24UN	Test Valley	8.7	Q17	J	891	1275.80	165.34	154.66 176.56	852	1198.23	158.10	147.66 169.09	1.0	
23UG	Tewkesbury	10.1	Q20	K	717	890.25	190.67	176.97 205.15	678	835.55	180.42	167.10 194.53	1.1	
29UN	Thanet	25.6	Q18	J	1792	1531.49	277.02	264.34 290.15	1686	1438.28	260.65	248.35 273.39	1.1	
26UJ	Three Rivers	9.4	Q02	G	682	980.39	164.69	152.56 177.53	642	920.87	155.01	143.25 167.48	1.1	
00KG	Thurrock UA	21.2	Q03	G	1175	1707.09	162.95	153.77 172.54	1105	1604.97	153.09	144.19 162.38	1.1	
29UP	Tonbridge and Malling	9.6	Q18	J	1014	1258.34	190.77	179.21 202.89	961	1182.44	180.71	169.46 192.51	1.1	
00HH	Torbay UA	23.7	Q21	K	2094	1558.60	318.07	304.59 331.99	1934	1462.02	294.13	281.17 307.54	1.1	
18UK	Torridge	21.4	Q21	K	623	683.84	215.68	199.08 233.30	563	641.46	195.15	179.36 211.96	1.1	
00BG	Tower Hamlets	45.9	Q06	H	2595	2607.78	235.58	226.61 244.83	2463	2454.12	223.16	214.43 232.15	1.1	
00BU	Trafford	20.2	Q14	B	2401	2478.25	229.36	220.28 238.73	2283	2327.30	218.12	209.26 227.25	1.1	
29UQ	Tunbridge Wells	10.5	Q18	J	1251	1230.07	240.77	227.61 254.49	1182	1155.48	227.45	214.67 240.80	1.1	
35UF	Tynedale	15.5	Q09	A	638	667.52	226.28	209.06 244.54	590	626.16	209.51	192.94 227.12	1.1	
22UQ	Uttlesford	6.7	Q03	G	580	798.34	172.00	158.28 186.58	556	749.70	164.90	151.48 179.20	1.0	
38UE	Vale of White Horse	6.9	Q16	J	881	1348.02	154.72	144.67 165.29	835	1266.09	146.64	136.86 156.94	1.1	
13UH	Vale Royal	17.1	Q15	B	1327	1410.06	222.80	210.97 235.12	1238	1324.19	207.88	196.46 219.79	1.1	
00DB	Wakefield	29.1	Q12	D	3986	3671.45	257.03	249.11 265.13	3808	3447.91	245.57	237.83 253.50	1.0	
00CU	Walsall	29.4	Q27	F	3408	2990.19	269.82	260.84 279.04	3212	2810.95	254.07	245.36 263.02	1.1	
00BH	Waltham Forest	30.2	Q06	H	2436	2723.19	211.78	203.45 220.36	2313	2560.16	200.88	192.78 209.24	1.1	
00BJ	Wandsworth	20.9	Q08	H	2833	3314.26	202.37	194.98 209.96	2712	3108.68	193.98	186.74 201.42	1.0	
35UG	Wansbeck	30.5	Q09	A	881	700.32	297.83	278.48 318.16	821	657.26	277.74	259.07 297.41	1.1	
00EU	Warrington UA	19.4	Q15	B	4023	2223.63	428.32	415.18 441.76	3749	2088.70	399.10	386.42 412.08	1.1	

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N/A	ALL ENGLAND				587834	587834.00	236.74	236.14	237.35	552094	552094.00	222.35	221.76	222.94	1.1
44UF	Warwick	12.6	Q28	F	1966	1529.88	304.23	290.93	317.99	1794	1435.52	277.88	265.16	291.04	1.1
26UK	Watford	14.5	Q02	G	662	955.15	164.08	151.82	177.07	634	897.33	157.10	145.11	169.82	1.0
42UH	Waveney	21.8	Q01	G	1173	1331.77	208.52	196.76	220.80	1057	1250.16	188.00	176.83	199.68	1.1
43UL	Waverley	6.2	Q19	J	1202	1372.60	207.32	195.76	219.38	1146	1288.64	197.74	186.45	209.53	1.0
21UH	Wealden	9.4	Q19	J	1259	1630.52	182.80	172.84	193.19	1178	1530.26	171.17	161.53	181.23	1.1
20UJ	Wear Valley	32.6	Q10	A	628	708.50	209.85	193.75	226.92	582	665.03	194.59	179.10	211.06	1.1
34UH	Wellingborough	17.5	Q25	E	657	847.75	183.48	169.71	198.06	588	796.51	164.14	151.14	177.96	1.1
26UL	Welwyn Hatfield	12.6	Q02	G	935	1178.61	187.81	175.96	200.25	883	1107.10	177.34	165.84	189.44	1.1
00MB	West Berkshire UA	7.9	Q16	J	1027	1670.94	145.51	136.74	154.69	969	1569.60	137.27	128.76	146.19	1.1
18UL	West Devon	16.3	Q21	K	490	560.29	207.04	189.11	226.21	460	525.51	194.63	177.25	213.26	1.1
19UH	West Dorset	13.3	Q22	K	989	1085.14	215.77	202.53	229.65	912	1017.64	199.27	186.54	212.63	1.1
30UP	West Lancashire	21.1	Q13	B	1535	1251.29	290.42	276.07	305.32	1436	1175.05	271.73	257.85	286.16	1.1
32UH	West Lindsey	17.7	Q24	E	1058	919.13	272.51	256.34	289.44	999	862.58	257.52	241.79	273.99	1.1
38UF	West Oxfordshire	6.3	Q16	J	747	1115.82	158.49	147.33	170.28	704	1047.87	149.38	138.55	160.84	1.1
40UF	West Somerset	22.1	Q22	K	298	410.37	171.92	152.95	192.59	282	384.60	163.03	144.56	183.22	1.1
46UF	West Wiltshire	12.0	Q20	K	1101	1405.71	185.43	174.63	196.71	1021	1320.34	171.94	161.55	182.82	1.1
00BK	Westminster	31.7	Q04	H	2118	2540.58	197.37	189.05	205.96	2002	2380.57	186.99	178.89	195.37	1.1
19UJ	Weymouth and Portland	21.2	Q22	K	909	751.75	286.27	267.96	305.50	837	705.33	263.86	246.28	282.36	1.1
00BW	Wigan	29.3	Q14	B	3890	3489.81	263.89	255.66	272.32	3631	3277.58	246.33	238.38	254.47	1.1
24UP	Winchester	7.0	Q17	J	1132	1288.79	207.94	196.00	220.42	972	1209.64	178.67	167.61	190.26	1.2
00ME	Windsor and Maidenhead UA	8.2	Q16	J	1135	1571.31	171.01	161.20	181.25	1074	1475.57	161.84	152.30	171.82	1.1
00CB	Wirral	30.1	Q15	B	6016	3696.82	385.27	375.59	395.13	5700	3471.89	365.05	355.63	374.65	1.1
43UM	Woking	7.3	Q19	J	866	1056.54	194.05	181.34	207.42	817	992.48	183.04	170.70	196.03	1.1
00MF	Wokingham UA	5.1	Q16	J	960	1742.07	130.46	122.34	138.98	914	1636.39	124.19	116.27	132.51	1.1
00CW	Wolverhampton	32.2	Q27	F	2434	2867.21	200.97	193.07	209.12	2299	2694.02	189.75	182.07	197.67	1.1
47UE	Worcester	17.7	Q28	F	1009	1107.99	215.59	202.49	229.32	940	1040.88	200.80	188.17	214.06	1.1
45UH	Worthing	15.7	Q19	J	1185	1217.27	230.47	217.53	243.97	1122	1142.35	218.39	205.80	231.55	1.1
47UF	Wychavon	11.3	Q28	F	907	1288.20	166.69	156.01	177.90	848	1208.74	155.99	145.67	166.85	1.1
11UF	Wycombe	9.7	Q16	J	1791	1902.42	222.88	212.68	233.45	1668	1787.74	207.46	197.62	217.66	1.1
30UQ	Wyre	17.8	Q13	B	973	1230.81	187.15	175.58	199.29	885	1154.72	170.41	159.37	182.02	1.1
47UG	Wyre Forest	17.8	Q28	F	810	1112.97	172.30	160.63	184.58	773	1044.37	164.57	153.18	176.60	1.0
00FF	York UA	14.5	Q11	D	1679	2172.96	182.93	174.28	191.89	1599	2038.82	174.38	165.94	183.15	1.1

Head injuries :

**Spell-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, both sexes**

Local authority	95% Confidence interval		indirect rate per 100,000
Middlesborough UA	461.34	493.53	477.23
Oldham	442.39	467.62	454.88
Liverpool	431.04	448.35	439.63
Preston	415.19	446.78	430.77
Warrington UA	415.18	441.76	428.32
Penwith	402.39	448.74	425.09
Restormel	404.00	441.13	422.26
Kerrier	402.66	440.53	421.27
Carrick	400.20	438.73	419.13
Burnley	399.85	437.93	418.56
Lincoln	391.19	428.98	409.76
Knowsley	384.83	413.61	399.03
Halton UA	369.85	401.83	385.59
Wirral	375.59	395.13	385.27
Sunderland	363.26	383.61	373.33
Blackburn with Darwen UA	357.06	385.28	370.96
Salford	357.56	380.34	368.82
St. Helens	354.94	380.70	367.65
North East Lincolnshire UA	352.12	378.97	365.36
Copeland	345.08	386.36	365.28
Portsmouth UA	352.00	375.93	363.82
Derwentside	345.34	382.25	363.45
Stockton-On-Tees UA	346.97	371.71	359.18
Peterborough UA	344.05	370.41	357.05
Redcar and Cleveland UA	337.86	366.26	351.84
Hastings	333.27	368.69	350.64
Barrow-In-Furness	330.80	370.25	350.11
Hyndburn	332.24	368.64	350.09
Tameside	335.90	358.43	347.03
Carlisle	325.67	358.42	341.75
Hartlepool UA	323.45	358.00	340.40
Pendle	323.22	357.46	340.02
Havant	321.45	351.74	336.34
Easington	314.49	348.13	330.99
Kingston upon Hull, City of UA	315.79	335.69	325.63
Richmondshire	303.15	348.71	325.33
South Tyneside	309.76	335.63	322.50
Bury	310.80	334.42	322.45
Manchester	314.71	329.43	322.01
Barnsley	311.10	332.69	321.76
Gateshead	309.71	332.80	321.10
Derby UA	309.94	330.37	320.03
Scarborough	304.32	335.17	319.47
Rossendale	299.65	338.93	318.84
Sefton	309.21	328.07	318.54
Mansfield	302.57	334.59	318.28
Torbay UA	304.59	331.99	318.07
Doncaster	304.87	323.42	314.04
Rochdale	298.91	320.41	309.52
Rotherham	297.43	317.12	307.16
Allerdale	288.72	321.13	304.60
Nottingham UA	295.58	313.58	304.48
Warwick	290.93	317.99	304.23
Chorley	288.62	319.76	303.89
South Ribble	288.69	319.24	303.67
Darlington UA	285.64	316.73	300.89
Chester-Le-Street	279.46	322.44	300.37

Head injuries :

Spell-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, both sexes

Local authority	95% Confidence interval		indirect rate per 100,000
Shrewsbury and Atcham	283.43	314.89	298.85
Wansbeck	278.48	318.16	297.83
North Cornwall	274.27	308.02	290.78
Leeds	285.07	296.13	290.56
North Devon	274.58	306.97	290.44
West Lancashire	276.07	305.32	290.42
Gosport	271.80	305.78	288.41
Weymouth and Portland	267.96	305.50	286.27
Ashfield	271.87	300.36	285.85
Durham	269.45	300.98	284.89
Chichester	270.22	299.03	284.35
Hambleton	267.23	300.38	283.44
Lancaster	266.58	291.53	278.84
Calderdale	267.20	288.39	277.64
Thanet	264.34	290.15	277.02
North Tyneside	265.77	287.20	276.32
Stockport	265.50	282.99	274.14
Leicester UA	265.29	282.04	273.57
Norwich	260.46	286.15	273.08
West Lindsey	256.34	289.44	272.51
Hackney	261.82	281.46	271.51
Islington	260.81	282.32	271.40
Poole UA	259.10	283.86	271.27
Plymouth UA	261.50	280.01	270.63
Telford and Wrekin UA	259.11	282.15	270.44
Birmingham	265.87	274.80	270.31
Walsall	260.84	279.04	269.82
Ipswich	256.67	283.10	269.65
Blyth Valley	252.97	285.61	268.92
Bassetlaw	254.62	282.87	268.47
Exeter	255.24	281.93	268.34
Newcastle upon Tyne	259.75	277.09	268.31
Bradford	260.98	273.93	267.40
Bolton	257.96	275.68	266.71
Wigan	255.66	272.32	263.89
Kings Lynn and West Norfolk	248.99	273.73	261.14
Cambridge	248.29	274.04	260.93
Sedgefield	244.38	275.39	259.54
Berwick-upon-Tweed	231.94	289.37	259.47
Stevenage	243.85	275.72	259.42
Macclesfield	247.60	271.18	259.19
Camden	249.25	268.71	258.85
Blackpool UA	246.89	270.81	258.64
Crewe and Nantwich	244.63	271.71	257.91
Wakefield	249.11	265.13	257.03
Cheltenham	242.98	269.61	256.03
Bolsover	238.91	272.55	255.32
Chesterfield	240.89	269.51	254.90
North Kesteven	239.42	268.62	253.70
Alnwick	228.62	280.35	253.50
Salisbury	238.20	264.38	251.03
Harrogate	239.31	262.11	250.51
Arun	237.96	261.13	249.34
Hammersmith and Fulham	237.08	258.07	247.41
Gloucester	232.14	258.39	245.00
Sandwell	234.96	251.12	242.94
Ellesmere Port and Neston	225.97	256.83	241.03

Head injuries :

**Spell-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, both sexes**

Local authority	95% Confidence interval		indirect rate per 100,000
Tunbridge Wells	227.61	254.49	240.77
Southampton UA	231.55	249.42	240.36
Ribble Valley	221.52	259.27	239.84
North Lincolnshire UA	228.80	251.12	239.76
Corby	221.29	259.27	239.72
Boston	221.18	258.09	239.10
South Lakeland	224.84	252.31	238.28
Eastbourne	224.64	252.48	238.25
Fenland	223.15	253.14	237.79
Teignbridge	225.41	250.24	237.58
East Lindsey	225.61	249.87	237.51
Lambeth	228.77	245.03	236.79
Mid Devon	220.37	253.14	236.33
Cotswold	221.26	251.85	236.18
Stratford-On-Avon	222.91	248.95	235.66
Tower Hamlets	226.61	244.83	235.58
South Kesteven	221.76	246.16	233.72
Southwark	225.12	241.73	233.31
Fareham	220.37	246.70	233.26
Newark and Sherwood	220.02	246.40	232.93
Northampton	222.54	241.61	231.93
Erewash	218.72	244.59	231.38
Worthing	217.53	243.97	230.47
Shepway	216.29	243.44	229.57
Trafford	220.28	238.73	229.36
Solihull	218.67	237.77	228.07
Medway UA	218.94	235.73	227.22
Rother	212.80	241.35	226.74
Dover	213.72	239.77	226.46
Tynedale	209.06	244.54	226.28
Lewisham	216.80	233.24	224.91
Herefordshire, County of UA	214.75	235.02	224.72
Bath and North East Somerset	214.57	234.73	224.48
High Peak	210.11	238.40	223.92
Eden	204.60	242.80	223.09
Wycombe	212.68	233.45	222.88
Vale Royal	210.97	235.12	222.80
Amber Valley	210.28	234.95	222.36
St. Edmundsbury	209.23	235.98	222.30
Harlow	207.58	237.37	222.10
Canterbury	210.88	232.83	221.65
Sheffield	215.38	226.78	221.02
Purbeck	200.48	240.44	219.78
Taunton Deane	206.89	232.66	219.49
Coventry	211.81	226.48	219.05
Guildford	207.83	230.63	219.00
Great Yarmouth	204.34	231.82	217.76
West Dorset	202.53	229.65	215.77
Torridge	199.08	233.30	215.68
Worcester	202.49	229.32	215.59
Swale	203.98	227.39	215.45
Bournemouth UA	205.26	225.04	214.98
Castle Morpeth	196.43	234.58	214.87
Slough UA	203.32	226.68	214.76
Gedling	202.09	226.98	214.26
Milton Keynes UA	205.20	222.79	213.86
Kirklees	207.31	220.26	213.71

Head injuries :

**Spell-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, both sexes**

Local authority	95% Confidence interval		indirect rate per 100,000
East Hampshire	201.00	225.85	213.15
Basingstoke and Deane	202.60	223.60	212.91
Congleton	199.36	226.96	212.83
Hillingdon	204.74	220.94	212.72
Bridgnorth	194.91	231.22	212.49
East Staffordshire	199.97	225.35	212.38
Rushmoor	199.11	226.01	212.24
South Shropshire	191.87	233.20	211.78
Waltham Forest	203.45	220.36	211.78
South Holland	196.94	226.78	211.46
Craven	194.04	229.72	211.32
South Somerset	200.46	221.35	210.71
South Cambridgeshire	199.13	221.71	210.19
Wear Valley	193.75	226.92	209.85
North Shropshire	193.00	227.03	209.50
South Hams	194.78	223.45	208.75
Waveney	196.76	220.80	208.52
South Derbyshire	194.18	222.48	207.97
Winchester	196.00	220.42	207.94
East Devon	196.65	219.25	207.72
North Dorset	191.89	224.16	207.55
Waverley	195.76	219.38	207.32
West Devon	189.11	226.21	207.04
Gravesham	194.13	220.38	206.95
South Bucks	190.48	223.31	206.41
Redditch	191.60	220.25	205.55
Rugby	191.72	218.81	204.93
Sutton	195.69	214.44	204.91
Brighton and Hove UA	197.09	212.79	204.83
Blaby	191.19	218.18	204.35
Dartford	190.63	217.91	203.93
Derbyshire Dales	188.72	219.75	203.79
Aylesbury Vale	193.43	213.09	203.08
East Cambridgeshire	188.74	218.16	203.05
Chester	191.50	214.77	202.88
Wandsworth	194.98	209.96	202.37
Swindon UA	192.29	211.00	201.48
Bristol, City of UA	195.28	207.65	201.40
Broxtowe	189.14	213.64	201.11
Wolverhampton	193.07	209.12	200.97
Suffolk Coastal	188.69	212.12	200.15
Newham	191.82	206.98	199.29
Huntingdonshire	189.34	209.36	199.17
Reigate and Banstead	188.02	210.27	198.91
Stoke-On-Trent UA	190.85	206.87	198.74
Rutland UA	177.59	220.23	198.05
Charnwood	187.83	207.67	197.56
North East Derbyshire	184.79	210.68	197.41
Westminster	189.05	205.96	197.37
Adur	181.62	213.82	197.22
Ashford	184.87	209.24	196.77
North West Leicestershire	182.73	209.76	195.89
Chiltern	182.82	209.46	195.80
Oadby and Wigston	179.64	212.97	195.77
Caradon	182.01	210.22	195.73
Forest Heath	179.69	211.43	195.08
Isle of Wight UA	184.35	205.74	194.82

Head injuries :

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sorted from highest to lowest, both sexes**

Local authority	95% Confidence interval		indirect rate per 100,000
East Riding of Yorkshire UA	187.88	201.95	194.82
Woking	181.34	207.42	194.05
Oxford	184.22	204.11	193.97
Hounslow	185.69	202.29	193.86
Epsom and Ewell	179.21	209.27	193.81
Ryedale	176.71	212.06	193.78
Cherwell	183.17	204.59	193.66
Breckland	181.15	203.45	192.06
Teesdale	166.75	217.39	190.82
Tonbridge and Malling	179.21	202.89	190.77
Tewkesbury	176.97	205.15	190.67
Crawley	178.34	202.61	190.18
Melton	172.50	208.43	189.83
North Norfolk	177.18	202.06	189.31
North Somerset UA	179.88	197.58	188.58
Nuneaton and Bedworth	177.38	199.80	188.34
Welwyn Hatfield	175.96	200.25	187.81
Kennet	173.84	201.82	187.44
Reading UA	177.73	197.41	187.38
Sedgemoor	175.75	199.40	187.30
North Hertfordshire	176.25	198.59	187.17
Wyre	175.58	199.29	187.15
Rushcliffe	175.43	199.11	186.99
Dudley	179.26	193.21	186.14
Mole Valley	172.83	200.07	186.08
Broadland	175.03	197.55	186.04
Greenwich	178.16	194.02	185.96
Ealing	178.91	192.53	185.62
West Wiltshire	174.63	196.71	185.43
Sevenoaks	173.81	197.10	185.18
New Forest	175.51	194.03	184.59
Tamworth	170.91	199.03	184.57
Wellingborough	169.71	198.06	183.48
Southend-On-Sea UA	174.07	192.68	183.20
York UA	174.28	191.89	182.93
Wealden	172.84	193.19	182.80
Selby	169.16	197.03	182.70
Babergh	168.66	195.09	181.52
Haringey	173.41	189.08	181.12
Surrey Heath	167.43	194.36	180.52
Tandridge	167.12	194.06	180.21
Merton	171.75	188.76	180.11
Barking and Dagenham	170.99	189.00	179.83
Bromley	173.03	186.76	179.80
Mid Suffolk	165.04	190.69	177.52
Basildon	168.12	186.39	177.08
Luton UA	168.24	185.17	176.55
Oswestry	157.33	196.08	175.91
Daventry	161.92	189.86	175.48
South Norfolk	164.12	186.67	175.12
Dacorum	164.04	184.01	173.81
Eastleigh	162.87	184.67	173.51
Mendip	161.42	184.24	172.55
Wyre Forest	160.63	184.58	172.30
Uttlesford	158.28	186.58	172.00
West Somerset	152.95	192.59	171.92
Kingston upon Thames	162.56	181.22	171.70

Head injuries :

**Spell-based rate per 100 000 population for each Local Authority
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Local authority	95% Confidence interval		indirect rate per 100,000
Fylde	158.08	185.30	171.29
North Wiltshire	161.05	181.83	171.20
Christchurch	154.42	189.05	171.08
Windsor and Maidenhead UA	161.20	181.25	171.01
South Northamptonshire	158.08	184.28	170.80
Richmond upon Thames	161.72	179.01	170.21
East Dorset	157.79	183.33	170.20
Bedford	160.83	179.67	170.05
Malvern Hills	156.60	184.01	169.89
Forest of Dean	156.47	182.60	169.16
Lewes	156.17	179.98	167.76
Bracknell Forest UA	156.77	178.58	167.41
Stroud	156.39	178.58	167.21
Croydon	160.81	173.15	166.89
Wychavon	156.01	177.90	166.69
South Bedfordshire	155.87	177.55	166.44
Hertsmere	154.73	178.22	166.16
Test Valley	154.66	176.56	165.34
Three Rivers	152.56	177.53	164.69
Epping Forest	154.14	174.94	164.30
Watford	151.82	177.07	164.08
Spelthorne	151.43	175.68	163.22
Thurrock UA	153.77	172.54	162.95
Hart	150.72	175.65	162.83
Castle Point	149.39	174.06	161.37
Harborough	148.24	174.19	160.82
South Gloucestershire UA	151.89	166.23	158.94
North Warwickshire	144.81	173.91	158.86
West Oxfordshire	147.33	170.28	158.49
Broxbourne	146.61	170.77	158.34
South Staffordshire	147.32	169.63	158.18
Newcastle-under-Lyme	148.27	168.51	158.15
Hinckley and Bosworth	147.01	169.55	157.98
Cannock Chase	146.55	169.94	157.92
Braintree	147.90	167.19	157.33
Bromsgrove	145.41	169.44	157.08
Kensington and Chelsea	147.89	164.95	156.24
Maldon	141.84	171.08	155.95
Maidstone	146.70	165.50	155.89
Elmbridge	145.48	165.25	155.13
Vale of White Horse	144.67	165.29	154.72
Redbridge	147.48	161.38	154.31
East Hertfordshire	144.18	163.63	153.67
Bexley	146.06	160.85	153.32
Chelmsford	144.66	162.22	153.25
St. Albans	143.13	162.37	152.52
Stafford	142.62	162.79	152.45
Horsham	142.18	162.06	151.88
Mid Sussex	142.32	161.76	151.81
Enfield	145.19	158.05	151.52
Barnet	144.93	156.82	150.79
Runnymede	138.82	163.29	150.69
South Oxfordshire	140.48	159.79	149.91
Kettering	138.03	161.89	149.61
Colchester	140.15	157.23	148.51
Mid Bedfordshire	138.83	158.49	148.42
East Northamptonshire	136.38	160.93	148.27

Head injuries :

Spell-based rate per 100 000 population for each Local Authority

sorted from highest to lowest, both sexes

Local authority	95% Confidence interval		indirect rate per 100,000
Lichfield	136.07	158.87	147.14
Staffordshire Moorlands	134.80	157.43	145.79
West Berkshire UA	136.74	154.69	145.51
Havering	138.33	152.65	145.36
Tendring	135.56	153.53	144.34
Brent	126.46	138.74	132.49
Rochford	120.19	143.51	131.47
Wokingham UA	122.34	138.98	130.46
Brentwood	110.22	134.12	121.73
Harrow	104.20	116.91	110.42

Head injuries :

Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, both sexes

Local authority	95% Confidence interval		indirect rate per 100,000
Middlesbrough UA	437.80	469.17	453.28
Oldham	411.13	435.45	423.16
Liverpool	403.12	419.87	411.43
Warrington UA	386.42	412.08	399.10
Penwith	368.25	412.69	389.99
Burnley	371.61	408.35	389.66
Carrick	371.09	408.25	389.34
Kerrier	370.85	407.25	388.73
Restormel	366.49	401.92	383.90
Lincoln	363.53	399.99	381.43
Preston	362.22	391.78	376.78
Knowsley	361.07	388.95	374.82
Wirral	355.63	374.65	365.05
Halton UA	344.91	375.81	360.11
Salford	336.74	358.86	347.67
North East Lincolnshire UA	334.07	360.23	346.97
Sunderland	335.62	355.20	345.31
St. Helens	332.41	357.36	344.72
Blackburn with Darwen UA	328.68	355.74	342.01
Derwentside	323.06	358.81	340.58
Stockton-On-Tees UA	325.45	349.43	337.28
Redcar and Cleveland UA	323.01	350.80	336.69
Peterborough UA	323.19	348.74	335.78
Barrow-In-Furness	315.56	354.13	334.43
Portsmouth UA	322.76	345.69	334.08
Copeland	310.14	349.36	329.31
Hyndburn	307.96	343.02	325.13
Tameside	313.60	335.38	324.35
Hastings	306.96	340.99	323.64
Hartlepool UA	303.93	337.45	320.36
Pendle	297.00	329.85	313.10
Carlisle	294.67	325.88	309.98
Kingston upon Hull, City of UA	300.32	319.73	309.91
Easington	293.29	325.82	309.23
Richmondshire	285.78	330.08	307.33
Havant	291.76	320.65	305.95
Manchester	297.05	311.36	304.14
Scarborough	287.88	317.93	302.63
Bury	291.09	313.96	302.36
Gateshead	290.50	312.89	301.54
Barnsley	290.28	311.15	300.58
Sefton	290.87	309.17	299.92
Rossendale	281.16	319.25	299.75
South Tyneside	286.80	311.72	299.06
Derby UA	286.15	305.79	295.85
Torbay UA	281.17	307.54	294.13
Mansfield	278.99	309.79	294.09
Doncaster	284.61	302.54	293.47
Nottingham UA	281.41	298.99	290.10
Rochdale	279.00	299.78	289.25
Rotherham	278.86	297.93	288.28
Darlington UA	269.19	299.40	283.99
Chester-Le-Street	262.25	303.96	282.53
Shrewsbury and Atcham	265.76	296.26	280.70
Allerdale	263.57	294.60	278.76
Warwick	265.16	291.04	277.88
Wansbeck	259.07	297.41	277.74

Head injuries :

Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, both sexes

Local authority	95% Confidence interval		indirect rate per 100,000
Leeds	271.28	282.07	276.63
West Lancashire	257.85	286.16	271.73
North Devon	254.54	285.78	269.82
Chorley	255.04	284.39	269.41
Durham	253.67	284.31	268.66
Ashfield	254.64	282.24	268.18
South Ribble	253.99	282.71	268.06
Gosport	249.58	282.19	265.51
Hambleton	249.63	281.72	265.31
Weymouth and Portland	246.28	282.36	263.86
Calderdale	253.30	273.94	263.47
North Cornwall	245.99	278.03	261.64
North Tyneside	250.62	271.45	260.88
Thanet	248.35	273.39	260.65
West Lindsey	241.79	273.99	257.52
Hackney	247.92	267.01	257.33
Poole UA	245.43	269.56	257.28
Lancaster	244.20	268.12	255.95
Leicester UA	247.86	264.05	255.86
Stockport	247.43	264.33	255.77
Newcastle upon Tyne	247.23	264.15	255.59
Birmingham	250.99	259.66	255.30
Islington	245.01	265.87	255.28
Plymouth UA	246.23	264.20	255.10
Walsall	245.36	263.02	254.07
Telford and Wrekin UA	242.93	265.25	253.91
Norwich	241.68	266.47	253.85
Ipswich	240.96	266.59	253.53
Cambridge	238.71	263.99	251.11
Bradford	244.78	257.32	250.99
Exeter	237.47	263.26	250.11
Bassetlaw	235.61	262.83	248.94
Bolton	239.85	256.94	248.28
Kings Lynn and West Norfolk	235.86	259.97	247.70
Blyth Valley	231.90	263.20	247.18
Wigan	238.38	254.47	246.33
Wakefield	237.83	253.50	245.57
Macclesfield	234.08	257.05	245.36
Stevenage	229.77	260.72	244.88
Crewe and Nantwich	230.40	256.71	243.29
Sedgefield	227.88	257.87	242.53
Camden	232.72	251.55	241.99
Cheltenham	229.11	255.01	241.80
Bolsover	224.74	257.41	240.66
North Kesteven	226.41	254.84	240.31
Chesterfield	226.02	253.79	239.60
Salisbury	225.31	250.80	237.80
Berwick-upon-Tweed	211.14	266.18	237.47
Blackpool UA	225.11	247.99	236.34
Harrogate	224.47	246.58	235.33
Alnwick	211.15	261.04	235.11
Hammersmith and Fulham	224.87	245.34	234.94
Ellesmere Port and Neston	216.17	246.39	230.91
Gloucester	216.69	242.07	229.12
North Lincolnshire UA	218.15	239.96	228.86
Boston	211.23	247.36	228.76
Sandwell	220.45	236.10	228.17

Head injuries :

Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, both sexes

Local authority	95% Confidence interval		indirect rate per 100,000
Tunbridge Wells	214.67	240.80	227.45
Eastbourne	214.09	241.31	227.39
Chichester	213.56	239.29	226.15
Arun	214.63	236.68	225.45
South Lakeland	211.43	238.12	224.48
Lambeth	216.38	232.20	224.18
Fenland	209.87	239.00	224.08
Tower Hamlets	214.43	232.15	223.16
Southampton UA	214.26	231.47	222.74
East Lindsey	210.46	233.94	221.96
Fareham	209.03	234.71	221.59
Stratford-On-Avon	208.97	234.23	221.33
Southwark	213.34	229.51	221.32
Ribble Valley	202.74	238.96	220.29
Newark and Sherwood	207.63	233.28	220.17
South Kesteven	208.45	232.13	220.05
Corby	201.62	237.94	219.21
Erewash	206.49	231.66	218.80
Worthing	205.80	231.55	218.39
Trafford	209.26	227.25	218.12
Teignbridge	206.34	230.15	218.00
Northampton	208.41	226.87	217.49
Mid Devon	201.14	232.52	216.41
Cotswold	202.10	231.41	216.38
Solihull	207.09	225.68	216.24
Lewisham	207.07	223.14	214.99
Dover	202.02	227.37	214.41
Shepway	200.62	226.80	213.41
Canterbury	201.85	223.34	212.39
Rother	198.43	226.06	211.91
Harlow	197.05	226.09	211.20
Bath and North East Somerset	201.51	221.07	211.12
Medway UA	202.65	218.81	210.61
High Peak	196.66	224.06	210.02
Taunton Deane	197.60	222.81	209.92
St. Edmundsbury	197.11	223.11	209.81
Guildford	198.60	220.92	209.54
Tynedale	192.94	227.12	209.51
Coventry	201.62	215.94	208.69
Herefordshire, County of UA	198.59	218.11	208.18
Gedling	195.97	220.51	207.97
Amber Valley	196.23	220.10	207.91
Vale Royal	196.46	219.79	207.88
Purbeck	188.84	227.72	207.60
Wycombe	197.62	217.66	207.46
Sheffield	201.82	212.86	207.28
Eden	188.53	225.31	206.31
Bournemouth UA	195.45	214.78	204.94
Congleton	191.09	218.15	204.28
Castle Morpeth	186.05	223.27	204.02
Slough UA	192.16	214.87	203.27
South Cambridgeshire	190.68	212.80	201.51
Hillingdon	193.16	208.89	200.91
Waltham Forest	192.78	209.24	200.88
South Shropshire	181.42	221.70	200.81
Worcester	188.17	214.06	200.80
Bridgnorth	183.08	218.37	200.14

Head injuries :

Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, both sexes

Local authority	95% Confidence interval		indirect rate per 100,000
East Staffordshire	187.85	212.47	199.87
Milton Keynes UA	191.31	208.30	199.67
Kirklees	193.41	205.92	199.59
West Dorset	186.54	212.63	199.27
Craven	182.49	217.17	199.27
Swale	187.99	210.49	199.01
Great Yarmouth	185.77	212.03	198.58
Rushmoor	185.86	211.87	198.55
Basingstoke and Deane	188.38	208.65	198.32
North Shropshire	181.94	215.03	197.97
Waverley	186.45	209.53	197.74
South Holland	183.69	212.58	197.74
Brighton and Hove UA	189.50	204.91	197.09
East Hampshire	184.99	208.86	196.65
Blaby	183.52	210.00	196.42
Redditch	182.65	210.64	196.27
South Derbyshire	182.76	210.25	196.15
Sutton	187.12	205.46	196.13
East Cambridgeshire	181.95	210.86	196.01
Torridge	179.36	211.96	195.15
South Bucks	179.35	211.27	194.82
West Devon	177.25	213.26	194.63
Wear Valley	179.10	211.06	194.59
Dartford	181.50	208.13	194.47
Rugby	181.32	207.69	194.17
Wandsworth	186.74	201.42	193.98
Gravesham	181.46	206.87	193.85
Aylesbury Vale	184.39	203.59	193.81
Broxtowe	181.92	205.98	193.67
South Somerset	183.56	203.59	193.38
Chester	180.85	203.50	191.93
South Hams	178.50	206.03	191.89
Derbyshire Dales	177.09	207.22	191.72
North Dorset	176.32	207.32	191.35
Stoke-On-Trent UA	182.53	198.21	190.25
Wolverhampton	182.07	197.67	189.75
Bristol, City of UA	183.69	195.70	189.63
Swindon UA	180.02	198.13	188.91
Newham	181.49	196.22	188.75
East Devon	177.51	199.04	188.05
Waveney	176.83	199.68	188.00
Huntingdonshire	178.43	197.87	187.96
North West Leicestershire	174.73	201.19	187.62
Reigate and Banstead	176.90	198.50	187.47
Westminster	178.89	195.37	186.99
Rutland UA	166.70	208.12	186.56
East Riding of Yorkshire UA	179.71	193.49	186.50
North East Derbyshire	174.09	199.26	186.36
Charnwood	176.52	195.78	185.97
Ryedale	169.11	203.76	185.83
Adur	170.49	201.75	185.62
Ashford	173.53	197.17	185.07
Oadby and Wigston	169.31	201.73	184.99
Chiltern	172.08	197.97	184.69
Caradon	170.98	198.37	184.29
Forest Heath	169.12	199.94	184.05
Suffolk Coastal	172.79	195.26	183.77

Head injuries :

Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, both sexes

Local authority	95% Confidence interval		indirect rate per 100,000
Epsom and Ewell	169.29	198.55	183.48
Woking	170.70	196.03	183.04
Cherwell	171.28	192.01	181.42
Isle of Wight UA	170.80	191.43	180.89
Rushcliffe	169.39	192.68	180.75
Oxford	171.29	190.51	180.71
Tonbridge and Malling	169.46	192.51	180.71
Tewkesbury	167.10	194.53	180.42
Hounslow	172.55	188.56	180.42
Breckland	169.33	190.92	179.88
North Hertfordshire	169.12	191.01	179.81
Crawley	167.86	191.43	179.35
Winchester	167.61	190.26	178.67
Reading UA	169.20	188.41	178.61
Kennet	165.08	192.38	178.34
Greenwich	169.80	185.29	177.41
Welwyn Hatfield	165.84	189.44	177.34
Sevenoaks	166.22	189.01	177.34
Melton	160.26	194.96	176.97
Sedgemoor	165.11	188.06	176.30
Tamworth	162.86	190.33	176.19
Dudley	169.19	182.75	175.87
North Somerset UA	167.28	184.38	175.67
Selby	161.90	189.19	175.15
Nuneaton and Bedworth	164.57	186.19	175.13
York UA	165.94	183.15	174.38
Ealing	167.45	180.64	173.95
Surrey Heath	160.51	186.91	173.33
Babergh	160.46	186.27	173.01
Mole Valley	160.21	186.49	172.97
North Norfolk	161.36	185.18	172.96
Merton	164.72	181.39	172.90
Broadland	162.19	183.92	172.80
Bromley	165.89	179.34	172.51
Haringey	164.44	179.70	171.95
West Wiltshire	161.55	182.82	171.94
Teesdale	148.88	197.00	171.69
Southend-On-Sea UA	162.81	180.84	171.65
Wealden	161.53	181.23	171.17
Wyre	159.37	182.02	170.41
Oswestry	151.26	189.32	169.50
Barking and Dagenham	160.40	177.84	168.95
Tandridge	155.27	181.29	167.90
Luton UA	159.08	175.53	167.15
Mid Suffolk	153.93	178.75	165.99
Daventry	152.35	179.49	165.51
Basildon	156.81	174.47	165.46
New Forest	156.76	174.30	165.36
Uttlesford	151.48	179.20	164.90
Wyre Forest	153.18	176.60	164.57
Kingston upon Thames	155.52	173.78	164.46
Wellingborough	151.14	177.96	164.14
Dacorum	154.14	173.52	163.62
West Somerset	144.56	183.22	163.03
East Dorset	150.77	175.79	162.92
South Norfolk	151.88	173.61	162.47
Windsor and Maidenhead UA	152.30	171.82	161.84

Head injuries :

**Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, both sexes**

Local authority	95% Confidence interval		indirect rate per 100,000
North Wiltshire	151.91	172.11	161.78
Malvern Hills	148.68	175.44	161.65
Christchurch	145.44	179.16	161.65
Bedford	151.93	170.25	160.89
Eastleigh	150.63	171.64	160.88
Richmond upon Thames	152.00	168.78	160.23
South Bedfordshire	149.16	170.39	159.51
South Northamptonshire	147.21	172.55	159.50
Lewes	147.97	171.18	159.26
Mendip	147.83	169.71	158.48
Test Valley	147.66	169.09	158.10
Bracknell Forest UA	147.67	168.86	158.00
Stroud	147.35	168.92	157.86
Hertsmere	146.30	169.18	157.43
Forest of Dean	145.15	170.37	157.38
Watford	145.11	169.82	157.10
Wychavon	145.67	166.85	155.99
Croydon	149.56	161.46	155.43
Three Rivers	143.25	167.48	155.01
Fylde	142.45	168.39	155.01
Epping Forest	144.88	165.07	154.73
Hart	142.30	166.55	154.07
Harborough	140.85	166.18	153.13
Broxbourne	141.58	165.35	153.12
Thurrock UA	144.19	162.38	153.09
Spelthorne	141.56	165.05	152.97
Bromsgrove	141.03	164.72	152.53
South Gloucestershire UA	145.52	159.57	152.43
Newcastle-under-Lyme	142.11	161.96	151.79
Cannock Chase	140.32	163.23	151.45
South Staffordshire	140.30	162.11	150.91
North Warwickshire	136.81	165.16	150.49
Castle Point	138.39	162.19	149.94
Elmbridge	140.16	159.58	149.63
West Oxfordshire	138.55	160.84	149.38
Braintree	140.09	158.88	149.26
Kensington and Chelsea	141.03	157.72	149.20
Hinckley and Bosworth	137.21	159.04	147.82
Maldon	133.90	162.37	147.62
East Hertfordshire	137.75	156.77	147.03
Vale of White Horse	136.86	156.94	146.64
Maidstone	137.72	155.97	146.63
Bexley	139.12	153.57	146.21
St. Albans	136.76	155.58	145.94
Redbridge	139.05	152.54	145.68
Enfield	138.91	151.49	145.10
Mid Sussex	135.57	154.56	144.83
Chelmsford	136.18	153.24	144.52
Stafford	134.69	154.33	144.26
Barnet	138.08	149.69	143.80
Horsham	134.15	153.48	143.57
Lichfield	131.18	153.60	142.06
Runnymede	130.42	154.20	141.94
Mid Bedfordshire	132.50	151.72	141.87
South Oxfordshire	131.87	150.60	141.00
Colchester	132.20	148.80	140.32
Staffordshire Moorlands	128.95	151.12	139.70

Head injuries :

**Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, both sexes**

Local authority	95% Confidence interval		indirect rate per 100,000
Havering	131.74	145.73	138.60
East Northamptonshire	126.42	150.09	137.88
West Berkshire UA	128.76	146.19	137.27
Kettering	125.91	148.75	136.97
Tendring	125.87	143.23	134.34
Brent	119.15	131.08	125.01
Rochford	113.45	136.14	124.41
Wokingham UA	116.27	132.51	124.19
Brentwood	105.76	129.22	117.05
Harrow	98.84	111.22	104.89

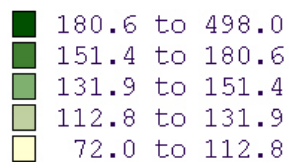
Head injuries: spells: females

Indirectly standardised rate per 100 000: each local authority in England

Principal diagnosis on admission or discharge: 2000/01-2004/05

All admissions

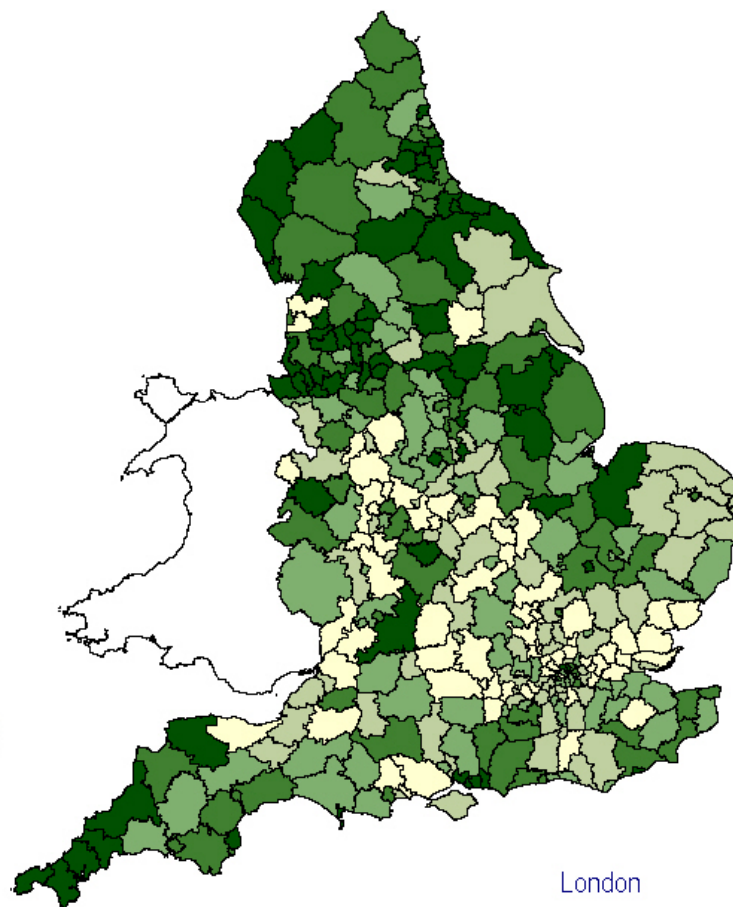
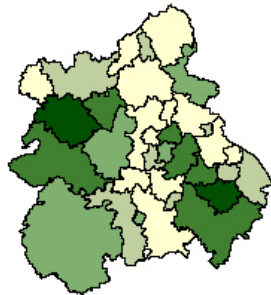
Quintile range of rates



Manchester



West Midlands



London



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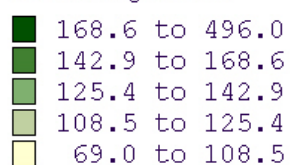
Head injuries : people: females

Indirectly standardised rate per 100 000: each local authority in England

Principal diagnosis on admission or discharge: 2000/01-2004/05

All admissions

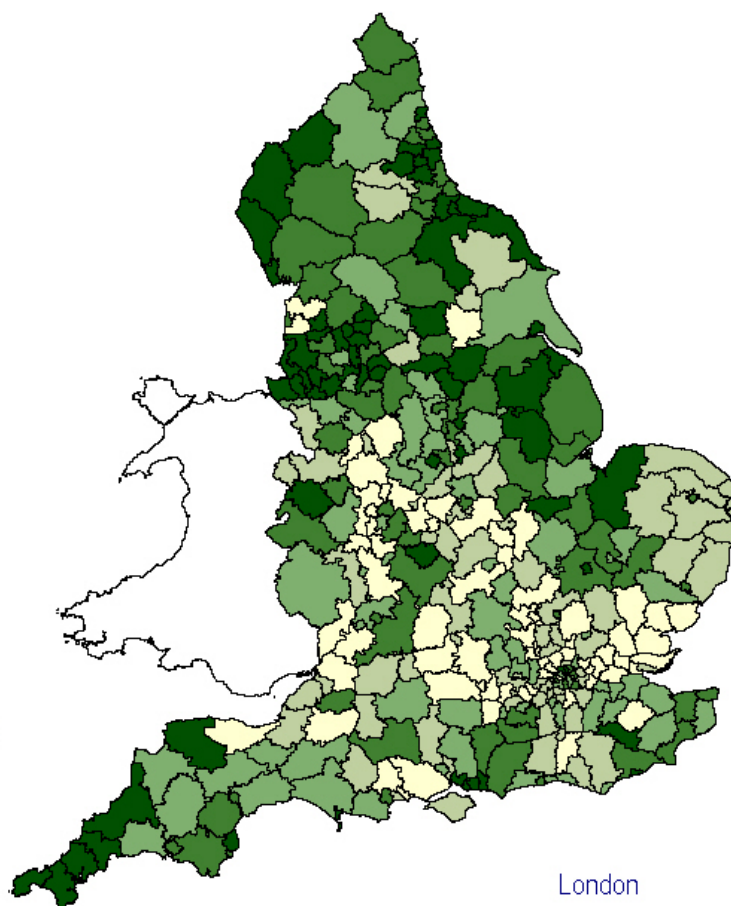
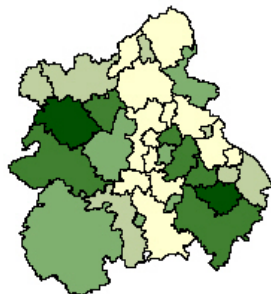
Quintile range of rates



Manchester



West Midlands



London



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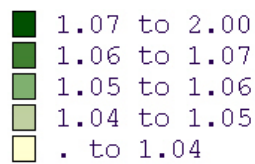
Head injuries: ratios: females

Number of spells per person: each local authority in England

Principal diagnosis on admission or discharge: 2000/01-2004/05

All admissions

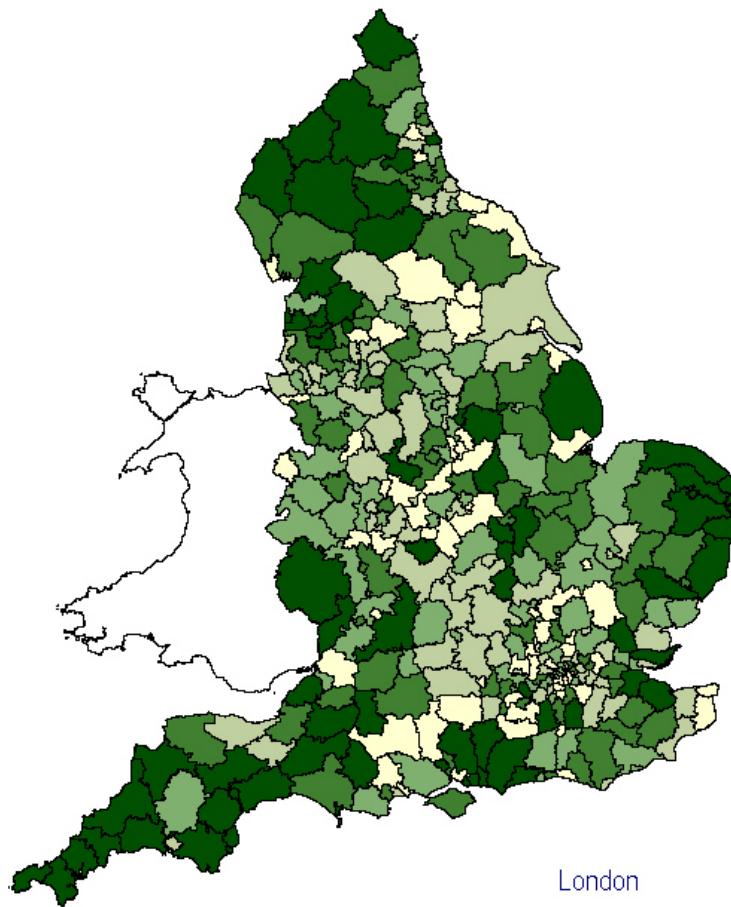
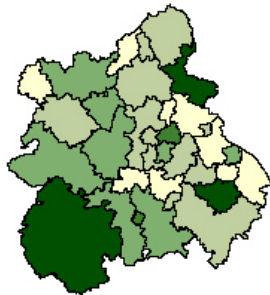
Ratios



Manchester



West Midlands

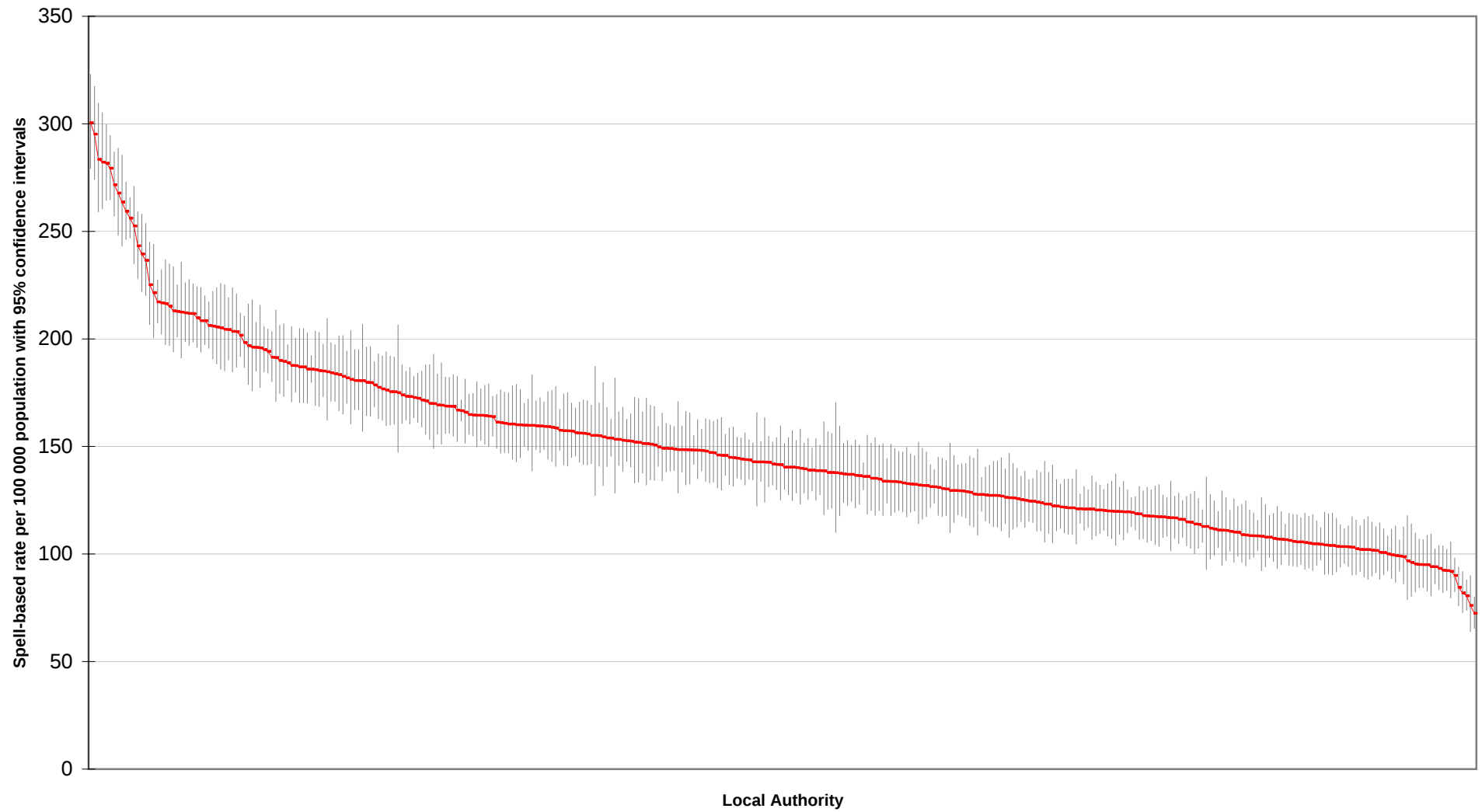


London

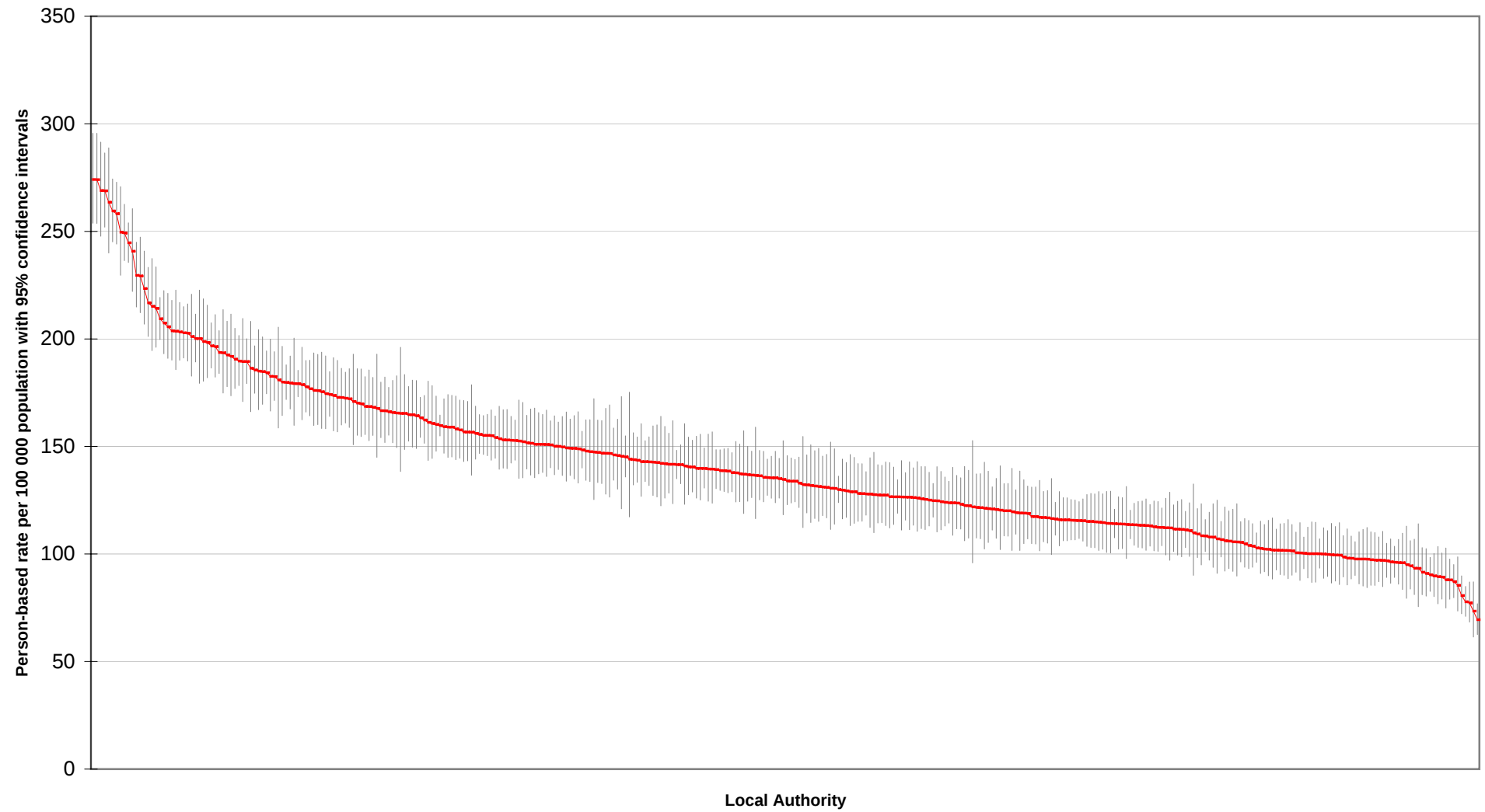


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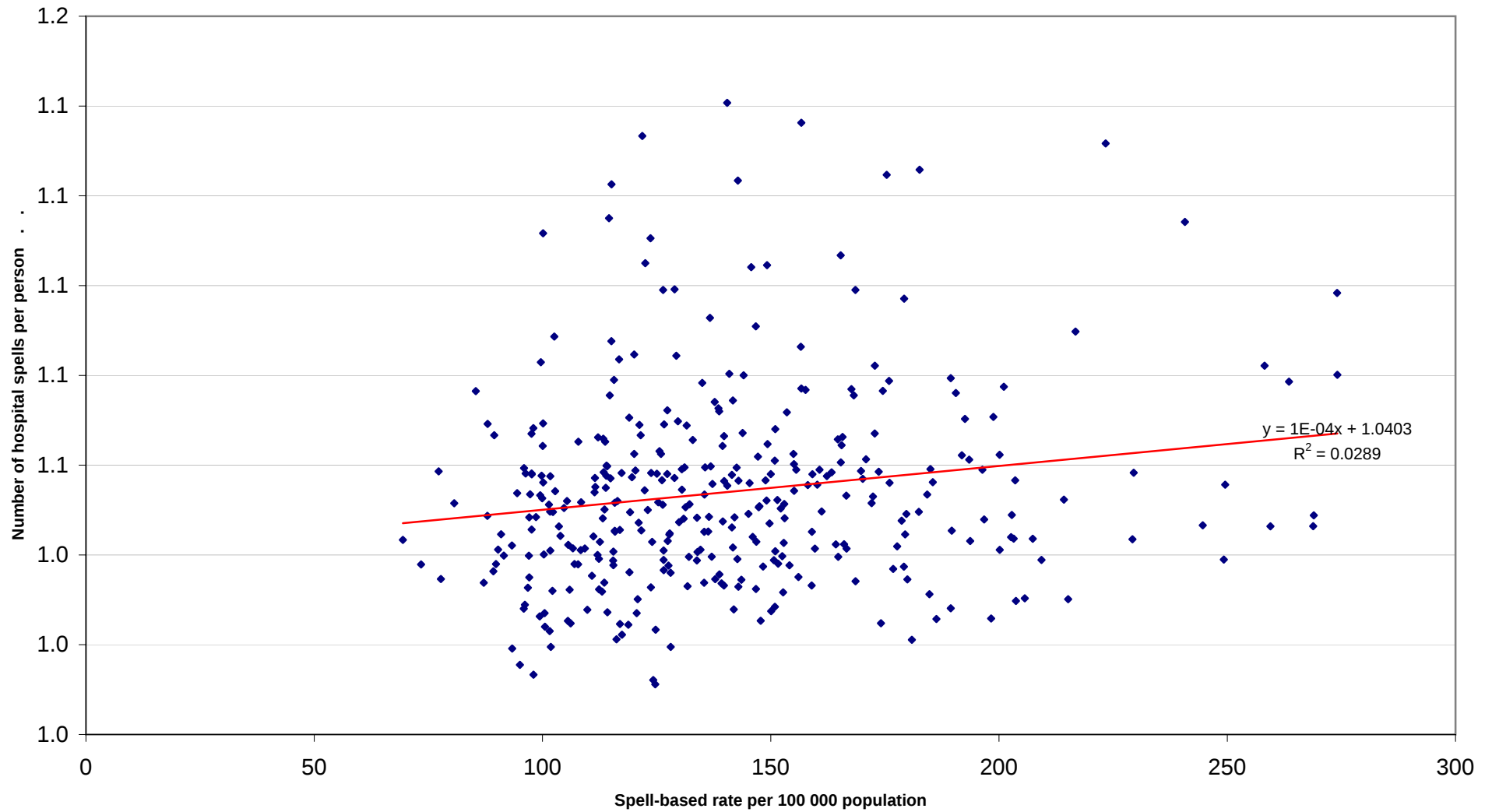
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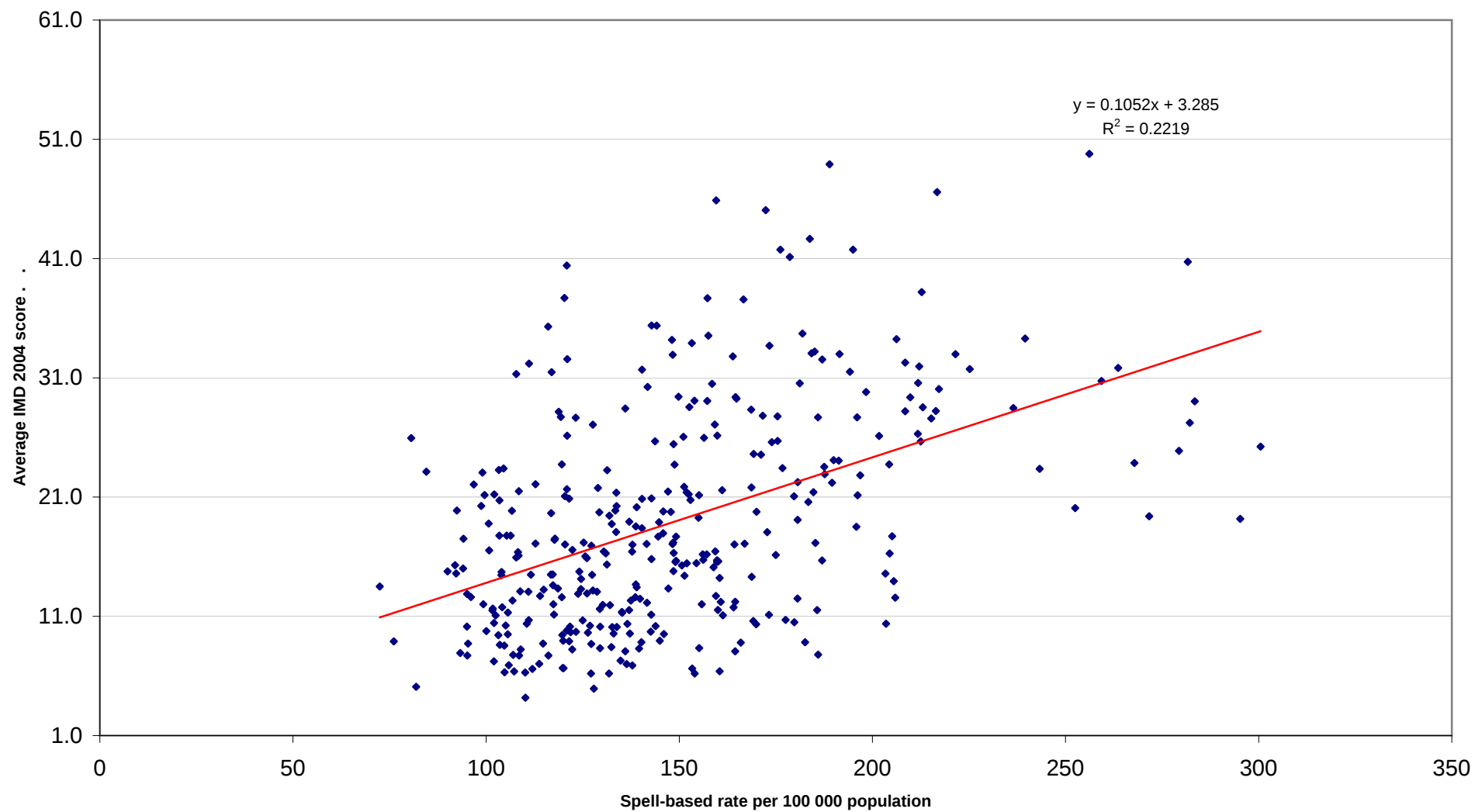
Head injuries : Person-based rate per 100 000 population for each Local Authority , Females



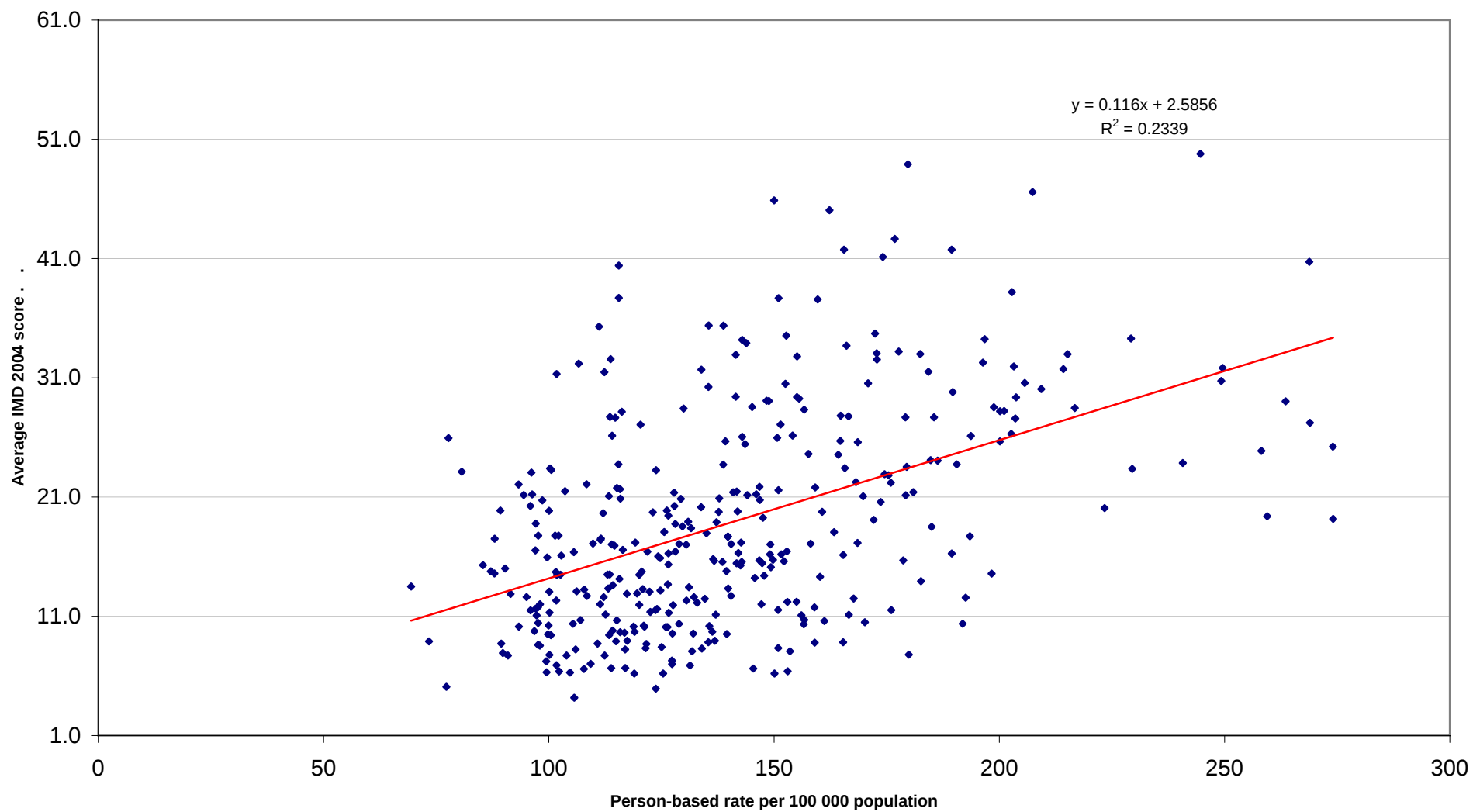
Head injuries : number of spells plotted against the person-based rate for each Local Authority , Females



Head injuries : average IMD score plotted against the spell-based rate for each Local Authority , Females



Head injuries : average IMD score plotted against the person-based rate for each Local Authority , Females



HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Females										
					CIPS					People					
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Ratio of spells to people
N/A	ALL ENGLAND				190539	190539.00	150.21	149.54	150.89	181083	181083.00	142.76	142.10	143.42	1.1
45UB	Adur	17.0	Q19	J	233	253.84	137.88	120.74	156.77	220	240.65	130.51	113.83	148.94	1.1
16UB	Allerdale	22.9	Q13	B	450	360.21	187.66	170.71	205.82	418	341.86	174.55	158.22	192.11	1.1
35UB	Alnwick	16.1	Q09	A	140	120.17	174.99	147.20	206.50	132	113.96	165.35	138.35	196.09	1.1
17UB	Amber Valley	18.9	Q24	E	435	451.33	144.78	131.49	159.04	412	428.60	137.23	124.29	151.14	1.1
45UC	Arun	15.6	Q19	J	701	659.03	159.78	148.17	172.06	624	623.74	142.82	131.83	154.48	1.1
37UB	Ashfield	27.8	Q24	E	495	423.87	175.42	160.30	191.58	470	402.86	166.55	151.83	182.31	1.1
29UB	Ashford	13.4	Q18	J	374	404.21	138.98	125.25	153.81	353	384.32	131.12	117.80	145.54	1.1
11UB	Aylesbury Vale	8.3	Q16	J	563	605.91	139.57	128.28	151.59	541	576.51	133.96	122.91	145.74	1.0
42UB	Babergh	11.3	Q01	G	294	326.60	135.22	120.20	151.59	275	310.02	126.63	112.11	142.52	1.1
00AB	Barking and Dagenham	31.3	Q06	H	478	666.04	107.80	98.35	117.91	452	634.30	101.73	92.56	111.55	1.1
00AC	Barnet	16.1	Q05	H	914	1266.31	108.42	101.50	115.68	867	1204.14	102.79	96.06	109.86	1.1
00CC	Barnsley	33.0	Q23	D	1058	829.93	191.49	180.12	203.39	1008	788.67	182.46	171.37	194.08	1.0
16UC	Barrow-In-Furness	33.0	Q13	B	410	278.04	221.51	200.58	244.02	398	264.08	215.15	194.53	237.36	1.0
22UB	Basildon	20.7	Q03	G	433	628.71	103.45	93.94	113.67	413	598.13	98.57	89.29	108.55	1.0
24UB	Basingstoke and Deane	8.8	Q17	J	520	557.16	140.19	128.40	152.78	503	530.29	135.41	123.83	147.78	1.0
37UC	Bassetlaw	25.7	Q24	E	470	402.36	175.46	159.96	192.07	441	382.23	164.71	149.69	180.82	1.1
00HA	Bath and North East Somerset UA	12.2	Q20	K	731	667.66	164.46	152.75	176.83	688	633.68	155.00	143.63	167.02	1.1
09UD	Bedford	17.5	Q02	G	440	560.95	117.82	107.07	129.36	417	533.48	111.59	101.13	122.83	1.1
35UC	Berwick-upon-Tweed	21.2	Q09	A	108	104.59	155.11	127.24	187.28	100	99.09	144.07	117.22	175.23	1.1
00AD	Bexley	15.0	Q07	H	531	848.13	94.05	86.22	102.40	510	806.32	90.29	82.63	98.48	1.0
00CN	Birmingham	37.6	Q27	F	4350	3921.37	166.63	161.72	171.66	4177	3734.11	159.69	154.88	164.61	1.0
31UB	Blaby	8.7	Q25	E	276	325.86	127.23	112.66	143.16	264	309.81	121.65	107.41	137.24	1.0
00EX	Blackburn with Darwen UA	32.3	Q13	B	754	543.24	208.49	193.87	223.92	712	517.63	196.36	182.20	211.33	1.1
00EY	Blackpool UA	33.9	Q13	B	588	576.38	153.24	141.10	166.14	551	546.84	143.84	132.08	156.37	1.1
35UD	Blyth Valley	26.1	Q09	A	299	297.33	151.06	134.42	169.19	283	282.65	142.93	126.76	160.59	1.1
17UC	Bolsover	30.5	Q24	E	288	272.94	158.50	140.72	177.91	277	259.25	152.53	135.10	171.60	1.0
00BL	Bolton	29.4	Q14	B	1006	1008.73	149.80	140.69	159.36	951	959.41	141.50	132.65	150.79	1.1
32UB	Boston	21.9	Q24	E	223	221.43	151.27	132.07	172.49	216	210.11	146.76	127.84	167.69	1.0
00HN	Bournemouth UA	23.7	Q22	K	563	707.15	119.59	109.92	129.89	542	670.10	115.47	105.95	125.61	1.0
00MA	Bracknell Forest UA	8.6	Q16	J	273	396.04	103.54	91.62	116.58	258	377.23	97.64	86.08	110.31	1.1
00CX	Bradford	32.9	Q12	D	1860	1883.78	148.32	141.65	155.21	1778	1793.70	141.51	135.01	148.24	1.0
22UC	Braintree	13.2	Q03	G	392	512.44	114.91	103.81	126.87	368	487.09	107.85	97.11	119.46	1.1

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Females										
					CIPS					People					
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Ratio of spells to people
N/A	ALL ENGLAND				190539	190539.00	150.21	149.54	150.89	181083	181083.00	142.76	142.10	143.42	1.1
33UB	Breckland	14.5	Q01	G	408	480.93	127.43	115.37	140.42	384	456.49	120.09	108.38	132.72	1.1
00AE	Brent	26.0	Q04	H	508	946.64	80.61	73.75	87.93	491	901.65	77.74	71.01	84.93	1.0
22UD	Brentwood	8.9	Q03	G	137	270.46	76.09	63.88	89.95	132	256.73	73.40	61.41	87.04	1.0
39UB	Bridgnorth	12.3	Q26	F	174	190.14	137.46	117.79	159.47	165	180.43	130.55	111.39	152.06	1.1
00ML	Brighton and Hove UA	25.7	Q19	J	952	994.90	143.73	134.75	153.16	921	944.40	139.22	130.37	148.51	1.0
00HB	Bristol, City of UA	27.7	Q20	K	1194	1503.06	119.32	112.65	126.29	1137	1428.99	113.59	107.08	120.39	1.1
33UC	Broadland	9.6	Q01	G	389	462.49	126.34	114.10	139.54	359	438.79	116.80	105.03	129.53	1.1
00AF	Bromley	13.2	Q07	H	1008	1186.40	127.62	119.87	135.75	985	1126.94	124.78	117.10	132.82	1.0
47UB	Bromsgrove	10.1	Q28	F	213	336.72	95.02	82.69	108.67	209	319.60	93.35	81.13	106.91	1.0
26UB	Broxbourne	14.7	Q02	G	222	320.62	104.01	90.78	118.63	217	304.99	101.57	88.50	116.02	1.0
37UD	Broxtowe	16.0	Q24	E	334	399.21	125.67	112.56	139.90	330	379.08	124.27	111.23	138.43	1.0
30UD	Burnley	31.8	Q13	B	607	345.87	263.62	243.06	285.46	575	328.92	249.56	229.58	270.82	1.1
00BM	Bury	23.5	Q14	B	867	694.45	187.54	175.26	200.45	830	660.31	179.44	167.44	192.08	1.0
00CY	Calderdale	25.4	Q12	D	750	758.50	148.53	138.09	159.55	725	720.88	143.57	133.31	154.42	1.0
12UB	Cambridge	14.6	Q01	G	556	410.68	203.36	186.81	220.99	542	390.22	198.28	181.94	215.70	1.0
00AG	Camden	34.7	Q05	H	874	721.80	181.89	170.02	194.35	830	687.26	172.41	160.87	184.55	1.1
41UB	Cannock Chase	20.3	Q26	F	220	334.71	98.73	86.11	112.68	214	318.51	95.92	83.49	109.66	1.0
29UC	Canterbury	16.2	Q18	J	600	573.63	157.12	144.79	170.21	578	544.20	151.62	139.51	164.50	1.0
15UB	Caradon	18.4	Q21	K	295	315.75	140.34	124.78	157.31	276	299.42	131.59	116.52	148.07	1.1
16UD	Carlisle	22.2	Q13	B	493	390.69	189.55	173.18	207.04	457	370.87	175.91	160.15	192.80	1.1
15UC	Carrick	19.2	Q21	K	728	370.42	295.21	274.16	317.46	674	351.02	274.11	253.80	295.61	1.1
35UE	Castle Morpeth	15.8	Q09	A	173	181.97	142.81	122.32	165.74	165	172.58	136.49	116.45	158.97	1.0
22UE	Castle Point	12.7	Q03	G	244	321.58	113.97	100.12	129.21	232	305.37	108.46	94.95	123.35	1.1
31UC	Charnwood	12.1	Q25	E	536	568.40	141.65	129.91	154.16	503	540.18	132.93	121.57	145.07	1.1
22UF	Chelmsford	8.6	Q03	G	407	583.86	104.71	94.78	115.39	381	554.97	98.01	88.41	108.36	1.1
23UB	Cheltenham	14.4	Q20	K	445	441.62	151.36	137.62	166.10	434	419.18	147.80	134.22	162.39	1.0
38UB	Cherwell	11.2	Q16	J	389	497.00	117.57	106.17	129.85	373	472.91	112.60	101.46	124.62	1.0
13UB	Chester	17.0	Q15	B	367	457.80	120.42	108.41	133.39	347	434.65	113.97	102.29	126.61	1.1
17UD	Chesterfield	27.1	Q24	E	403	380.27	159.19	144.03	175.52	383	361.01	151.45	136.66	167.41	1.1
20UB	Chester-Le-Street	21.4	Q10	A	242	196.79	184.72	162.18	209.52	237	187.02	180.91	158.61	205.47	1.0
45UD	Chichester	10.7	Q19	J	542	458.65	177.51	162.88	193.10	477	434.55	156.70	142.95	171.42	1.1
11UC	Chiltern	6.2	Q16	J	305	347.62	131.79	117.42	147.45	290	330.21	125.37	111.36	140.67	1.1

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Females									Ratio of spells to people
					CIPS					People				
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval	
N/A	ALL ENGLAND				190539	190539.00	150.21	149.54	150.89	181083	181083.00	142.76	142.10	143.42
30UE	Chorley	17.2	Q13	B	455	368.99	185.23	168.60	203.06	414	350.66	168.54	152.69	185.59
19UC	Christchurch	12.6	Q22	K	131	204.86	96.05	80.31	113.98	129	193.73	95.06	79.36	112.95
22UG	Colchester	14.6	Q03	G	366	596.01	92.24	83.03	102.19	349	566.52	87.94	78.96	97.67
13UC	Congleton	9.5	Q15	B	331	340.49	146.03	130.72	162.64	316	323.36	139.51	124.55	155.77
16UE	Copeland	25.7	Q13	B	358	253.08	212.49	191.04	235.68	337	240.38	200.13	179.33	222.69
34UB	Corby	27.1	Q25	E	162	190.64	127.64	108.74	148.88	153	181.48	120.36	102.04	141.01
23UC	Cotswold	8.8	Q20	K	394	324.15	182.58	165.00	201.53	356	307.41	165.32	148.59	183.42
00CQ	Coventry	28.2	Q28	F	915	1157.17	118.78	111.20	126.73	896	1100.70	116.21	108.72	124.07
36UB	Craven	11.9	Q11	D	193	219.52	132.07	114.09	152.07	186	208.10	127.60	109.92	147.31
45UE	Crawley	14.8	Q19	J	304	367.88	124.13	110.57	138.90	296	350.29	120.63	107.28	135.19
13UD	Crewe and Nantwich	17.1	Q15	B	475	427.48	166.91	152.24	182.62	450	406.30	158.11	143.84	173.42
00AH	Croydon	19.9	Q08	H	894	1258.99	106.66	99.79	113.89	840	1198.45	100.06	93.41	107.06
26UC	Dacorum	9.5	Q02	G	367	522.01	105.61	95.08	116.98	347	496.37	99.80	89.57	110.87
00EH	Darlington UA	24.6	Q10	A	443	388.79	171.16	155.59	187.86	425	369.35	164.26	149.02	180.65
29UD	Dartford	17.2	Q18	J	319	322.84	148.43	132.58	165.64	307	307.14	142.69	127.17	159.58
34UC	Daventry	10.2	Q25	E	222	262.79	126.90	110.75	144.74	212	249.95	121.08	105.33	138.53
00FK	Derby UA	27.7	Q24	E	1165	892.60	196.05	184.95	207.64	1103	848.87	185.49	174.71	196.77
17UF	Derbyshire Dales	12.5	Q24	E	253	271.78	139.83	123.13	158.17	243	257.67	134.63	118.23	152.67
20UD	Derwentside	28.2	Q10	A	473	328.29	216.42	197.35	236.83	439	311.69	201.06	182.69	220.78
00CE	Doncaster	31.5	Q23	D	1399	1082.30	194.17	184.12	204.61	1328	1028.87	184.26	174.48	194.45
29UE	Dover	18.7	Q18	J	374	423.98	132.50	119.41	146.64	361	402.40	128.07	115.20	141.99
00CR	Dudley	22.1	Q27	F	862	1147.97	112.79	105.39	120.58	828	1090.74	108.37	101.11	116.01
20UE	Durham	18.5	Q10	A	412	316.02	195.83	177.38	215.69	389	300.20	184.98	167.06	204.31
00AJ	Ealing	23.4	Q04	H	752	1080.77	104.52	97.18	112.26	723	1029.17	100.29	93.11	107.87
20UF	Easington	41.8	Q10	A	413	352.11	176.19	159.60	194.03	388	334.63	165.53	149.46	182.85
12UC	East Cambridgeshire	10.6	Q01	G	317	281.50	169.15	151.04	188.84	302	267.51	161.16	143.50	180.41
18UB	East Devon	12.7	Q21	K	608	572.60	159.50	147.07	172.69	533	541.73	140.46	128.78	152.90
19UD	East Dorset	8.2	Q22	K	256	352.93	108.96	96.02	123.16	248	334.15	105.95	93.17	119.99
24UC	East Hampshire	8.1	Q17	J	463	422.88	164.46	149.82	180.15	432	401.68	153.53	139.39	168.72
26UD	East Hertfordshire	6.3	Q02	G	354	483.00	110.09	98.92	122.18	337	459.45	104.71	93.83	116.51
32UC	East Lindsey	24.6	Q24	E	575	510.27	169.27	155.71	183.69	534	483.59	157.64	144.55	171.59
34UD	East Northamptonshire	11.8	Q25	E	207	298.49	104.17	90.46	119.37	194	283.73	97.61	84.36	112.36

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Females										
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Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Ratio of spells to people
N/A	ALL ENGLAND				190539	190539.00	150.21	149.54	150.89	181083	181083.00	142.76	142.10	143.42	1.1
00FB	East Riding of Yorkshire UA	15.3 Q11	D		1069	1223.33	131.26	123.51	139.37	1029	1160.79	126.55	118.93	134.52	1.0
41UC	East Staffordshire	18.5 Q26	F		368	398.36	138.76	124.95	153.69	344	378.73	129.66	116.32	144.12	1.1
21UC	Eastbourne	21.5 Q19	J		425	434.06	147.08	133.42	161.75	408	411.01	141.71	128.29	156.15	1.0
24UD	Eastleigh	8.9 Q17	J		352	435.22	121.49	109.13	134.87	333	413.68	114.91	102.90	127.94	1.1
16UF	Eden	15.7 Q13	B		204	191.80	159.77	138.59	183.26	187	181.94	146.73	126.45	169.33	1.1
13UE	Ellesmere Port and Neston	19.8 Q15	B		295	303.83	145.85	129.67	163.47	287	288.72	141.90	125.96	159.31	1.0
43UB	Elmbridge	7.0 Q19	J		377	497.82	113.75	102.56	125.84	362	472.89	109.28	98.31	121.14	1.0
00AK	Enfield	23.1 Q05	H		712	1079.86	99.04	91.90	106.59	692	1027.44	96.15	89.12	103.59	1.0
22UH	Epping Forest	13.3 Q03	G		370	468.58	118.61	106.83	131.33	353	445.14	113.21	101.70	125.66	1.0
43UC	Epsom and Ewell	6.9 Q19	J		249	271.29	137.87	121.27	156.10	237	257.58	131.35	115.16	149.18	1.1
17UG	Erewash	19.3 Q24	E		434	420.58	155.00	140.76	170.30	413	399.64	147.53	133.64	162.47	1.1
18UC	Exeter	21.6 Q21	K		471	439.21	161.08	146.86	176.31	441	416.96	150.99	137.22	165.76	1.1
24UE	Fareham	7.8 Q17	J		509	411.20	185.94	170.13	202.81	492	390.37	179.92	164.37	196.55	1.0
12UD	Fenland	19.8 Q01	G		377	333.09	170.01	153.28	188.07	356	316.28	160.69	144.42	178.28	1.1
42UC	Forest Heath	11.1 Q01	G		210	220.99	142.74	124.08	163.41	202	210.40	137.06	118.81	157.32	1.0
23UD	Forest of Dean	15.9 Q20	K		222	309.33	107.80	94.09	122.96	205	293.71	99.64	86.47	114.25	1.1
30UF	Fylde	13.1 Q13	B		229	310.09	110.93	97.03	126.27	206	293.72	100.12	86.92	114.77	1.1
00CH	Gateshead	33.2 Q09	A		895	726.54	185.04	173.11	197.57	859	690.11	177.69	166.01	189.98	1.0
37UE	Gedling	16.4 Q24	E		366	421.44	130.45	117.43	144.53	359	400.08	128.10	115.19	142.06	1.0
23UE	Gloucester	19.9 Q20	K		373	419.82	133.46	120.26	147.72	353	399.34	126.19	113.37	140.07	1.1
24UF	Gosport	16.3 Q17	J		408	299.73	204.47	185.11	225.31	378	284.86	189.43	170.81	209.53	1.1
29UG	Gravesham	18.1 Q18	J		320	359.68	133.64	119.40	149.11	301	342.04	125.63	111.84	140.65	1.1
33UD	Great Yarmouth	27.7 Q01	G		299	364.56	123.20	109.63	137.99	278	345.90	114.73	101.64	129.04	1.1
00AL	Greenwich	31.5 Q07	H		664	852.85	116.95	108.22	126.19	639	811.91	112.35	103.81	121.41	1.0
43UD	Guildford	8.3 Q19	J		506	489.94	155.13	141.91	169.26	492	465.38	150.92	137.88	164.87	1.0
00AM	Hackney	45.1 Q06	H		882	768.52	172.39	161.20	184.16	834	733.55	162.31	151.48	173.71	1.1
00ET	Halton UA	34.3 Q15	B		696	436.45	239.54	222.07	258.02	667	415.37	229.24	212.17	247.32	1.0
36UC	Hambleton	10.4 Q11	D		427	315.14	203.53	184.68	223.78	402	299.11	191.86	173.56	211.57	1.1
00AN	Hammersmith and Fulham	27.8 Q04	H		683	597.81	171.62	158.99	184.98	657	569.15	164.79	152.43	177.89	1.0
31UD	Harborough	7.2 Q25	E		195	287.12	102.02	88.20	117.38	190	272.84	99.41	85.78	114.60	1.0
00AP	Haringey	37.7 Q05	H		633	790.63	120.26	111.08	130.01	610	753.65	115.55	106.56	125.09	1.0
22UJ	Harlow	21.4 Q03	G		258	289.88	133.69	117.87	151.04	247	275.91	127.80	112.36	144.77	1.0

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Females									Ratio of spells to people
					CIPS					People				
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval	
N/A	ALL ENGLAND				190539	190539.00	150.21	149.54	150.89	181083	181083.00	142.76	142.10	143.42
36UD	Harrogate	11.1 Q11	D		649	604.43	161.29	149.12	174.19	627	573.54	156.06	144.09	168.77
00AQ	Harrow	13.5 Q04	H		385	798.20	72.45	65.39	80.06	369	758.70	69.43	62.53	76.89
24UG	Hart	4.2 Q17	J		222	302.64	110.19	96.17	125.67	213	287.84	105.64	91.93	120.82
00EB	Hartlepool UA	37.7 Q10	A		357	340.92	157.29	141.40	174.49	343	324.27	151.00	135.44	167.86
21UD	Hastings	31.7 Q19	J		543	362.19	225.20	206.65	244.96	516	343.87	214.22	196.13	233.53
24UH	Havant	20.1 Q17	J		765	455.09	252.50	234.92	271.05	676	432.05	223.36	206.84	240.85
00AR	Havering	14.8 Q06	H		520	867.70	90.02	82.45	98.10	503	824.12	87.13	79.68	95.09
00GA	Herefordshire, County of UA	15.7 Q28	F		683	687.85	149.15	138.18	160.77	625	652.70	136.70	126.19	147.85
26UE	Hertsmere	12.0 Q02	G		293	374.90	117.40	104.34	131.64	278	356.19	111.42	98.70	125.32
17UH	High Peak	15.1 Q24	E		362	342.22	158.89	142.94	176.14	340	325.11	149.30	133.85	166.04
00AS	Hillingdon	17.7 Q04	H		903	938.37	144.55	135.27	154.29	874	892.84	139.74	130.63	149.32
31UE	Hinckley and Bosworth	11.1 Q25	E		256	375.37	102.44	90.28	115.79	243	356.53	97.30	85.45	110.33
45UF	Horsham	6.7 Q19	J		384	480.49	120.05	108.34	132.68	364	456.33	113.87	102.47	126.19
00AT	Hounslow	23.3 Q04	H		672	768.71	131.31	121.57	141.63	635	732.22	123.80	114.36	133.82
12UE	Huntingdonshire	10.2 Q01	G		552	576.31	143.88	132.12	156.40	521	548.37	135.63	124.23	147.79
30UG	Hyndburn	28.5 Q13	B		454	320.09	213.05	193.90	233.58	424	304.50	198.78	180.31	218.63
42UD	Ipswich	23.4 Q01	G		547	464.94	176.72	162.22	192.17	513	441.90	165.73	151.69	180.71
00MW	Isle of Wight UA	21.1 Q17	J		453	565.11	120.41	109.58	132.03	425	535.36	113.33	102.81	124.63
00AU	Islington	42.7 Q05	H		759	620.37	183.78	170.93	197.33	732	591.02	176.81	164.23	190.10
46UB	Kennet	10.1 Q20	K		255	286.21	133.83	117.91	151.31	240	271.97	125.97	110.54	142.96
00AW	Kensington and Chelsea	21.5 Q04	H		429	594.08	108.47	98.45	119.24	410	564.89	103.61	93.82	114.14
15UD	Kerrier	25.2 Q21	K		737	368.41	300.49	279.19	322.99	671	349.53	274.05	253.71	295.60
34UE	Kettering	15.3 Q25	E		197	321.86	91.94	79.55	105.71	183	305.90	85.40	73.47	98.71
33UE	Kings Lynn and West Norfolk	19.1 Q01	G		653	543.04	180.63	167.04	195.03	621	515.11	172.10	158.83	186.19
00FA	Kingston upon Hull, City of UA	41.1 Q11	D		1117	939.39	178.61	168.29	189.40	1090	893.51	174.15	163.96	184.80
00AX	Kingston upon Thames	11.6 Q08	H		486	564.05	129.43	118.17	141.46	466	536.35	124.03	113.02	135.82
00CZ	Kirklees	26.2 Q12	D		1221	1515.94	120.99	114.29	127.97	1152	1442.08	114.04	107.55	120.82
00BX	Knowsley	46.6 Q15	B		814	564.10	216.76	202.12	232.17	780	536.90	207.40	193.09	222.48
00AY	Lambeth	34.2 Q07	H		910	922.92	148.11	138.64	158.05	881	879.97	142.92	133.64	152.68
30UH	Lancaster	22.3 Q13	B		655	544.55	180.68	167.11	195.06	609	516.92	168.18	155.09	182.09
00DA	Leeds	27.7 Q12	D		3414	2758.45	185.91	179.73	192.25	3291	2622.17	179.17	173.10	185.40
00FN	Leicester UA	32.8 Q25	E		1204	1103.66	163.87	154.74	173.39	1142	1050.96	155.12	146.26	164.39

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Females								
					CIPS				People				
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval	Ratio of spells to people
N/A	ALL ENGLAND				190539	190539.00	150.21	149.54 150.89	181083	181083.00	142.76	142.10 143.42	1.1
21UF	Lewes	12.9	Q19	J	327	396.73	123.81	110.75 137.98	309	375.93	117.34	104.62 131.18	1.1
00AZ	Lewisham	28.6	Q07	H	939	924.16	152.62	143.02 162.71	895	880.36	145.13	135.78 154.96	1.0
41UD	Lichfield	12.0	Q26	F	228	344.93	99.29	86.82 113.05	225	327.62	98.04	85.65 111.72	1.0
32UD	Lincoln	27.2	Q24	E	623	331.65	282.17	260.45 305.23	594	315.29	268.95	247.75 291.48	1.0
00BY	Liverpool	49.8	Q15	B	2852	1672.39	256.16	246.85 265.74	2725	1590.17	244.64	235.54 254.00	1.0
00KA	Luton UA	23.3	Q02	G	469	682.04	103.29	94.15 113.08	458	650.30	100.54	91.54 110.19	1.0
13UG	Macclesfield	11.1	Q15	B	679	588.83	173.21	160.43 186.75	652	558.69	166.60	154.06 179.89	1.0
29UH	Maidstone	11.5	Q18	J	357	527.66	101.63	91.36 112.74	337	501.37	95.96	85.98 106.77	1.1
22UK	Maldon	10.7	Q03	G	164	221.87	111.03	94.69 129.39	158	210.76	107.02	90.98 125.07	1.0
47UC	Malvern Hills	13.1	Q28	F	252	294.14	128.69	113.29 145.60	239	278.79	122.38	107.36 138.92	1.1
00BN	Manchester	48.9	Q14	B	2029	1613.46	188.90	180.77 197.30	1934	1536.15	179.73	171.81 187.92	1.0
37UF	Mansfield	32.5	Q24	E	461	370.32	186.99	170.31 204.87	426	351.89	172.82	156.80 190.04	1.1
00LC	Medway UA	18.0	Q18	J	895	922.00	145.81	136.41 155.69	830	877.74	134.99	125.96 144.50	1.1
31UG	Melton	10.1	Q25	E	155	179.76	129.52	109.93 151.59	145	170.73	121.25	102.31 142.67	1.1
40UB	Mendip	14.5	Q22	K	307	413.30	111.58	99.44 124.78	282	392.42	102.59	90.96 115.29	1.1
00BA	Merton	14.5	Q08	H	551	708.86	116.76	107.21 126.93	534	674.35	113.05	103.66 123.05	1.0
09UC	Mid Bedfordshire	7.7	Q02	G	281	443.71	95.13	84.33 106.93	269	422.28	90.94	80.40 102.48	1.0
18UD	Mid Devon	17.1	Q21	K	266	282.27	141.55	125.05 159.63	242	267.95	128.93	113.20 146.24	1.1
42UE	Mid Suffolk	9.8	Q01	G	266	330.58	120.87	106.78 136.30	251	313.88	114.16	100.47 129.19	1.1
45UG	Mid Sussex	6.4	Q19	J	360	504.15	107.26	96.47 118.93	343	478.67	102.30	91.75 113.72	1.0
00EC	Middlesbrough UA	40.7	Q10	A	992	529.06	281.65	264.39 299.74	948	503.45	268.81	251.97 286.48	1.0
00MG	Milton Keynes UA	15.6	Q16	J	753	759.05	149.01	138.56 160.05	702	723.35	138.54	128.48 149.18	1.1
43UE	Mole Valley	6.2	Q19	J	273	322.49	127.16	112.52 143.17	255	305.94	118.99	104.83 134.53	1.1
24UJ	New Forest	10.4	Q17	J	526	714.93	110.52	101.27 120.38	500	677.37	105.38	96.34 115.03	1.1
37UG	Newark and Sherwood	19.8	Q24	E	406	412.58	147.82	133.79 162.92	378	391.80	137.73	124.19 152.34	1.1
00CJ	Newcastle upon Tyne	34.5	Q09	A	1075	1025.03	157.53	148.26 167.24	1042	973.99	152.73	143.59 162.29	1.0
41UE	Newcastle-under-Lyme	19.9	Q26	F	285	463.16	92.43	82.01 103.81	275	439.84	89.26	79.02 100.45	1.0
00BB	Newham	40.4	Q06	H	741	920.91	120.87	112.32 129.89	712	879.78	115.53	107.20 124.34	1.0
15UE	North Cornwall	22.8	Q21	K	433	330.40	196.86	178.75 216.30	385	313.32	175.42	158.33 193.84	1.1
18UE	North Devon	20.6	Q21	K	434	355.45	183.41	166.55 201.50	410	337.07	173.65	157.24 191.30	1.1
19UE	North Dorset	11.4	Q22	K	221	245.64	135.14	117.91 154.19	200	233.01	122.53	106.14 140.74	1.1
17UJ	North East Derbyshire	18.9	Q24	E	327	358.44	137.04	122.58 152.72	312	340.17	130.94	116.81 146.30	1.0

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Females										
					CIPS					People					
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Ratio of spells to people
N/A	ALL ENGLAND				190539	190539.00	150.21	149.54	150.89	181083	181083.00	142.76	142.10	143.42	1.1
00FC	North East Lincolnshire UA	29.4	Q11	D	865	619.30	209.81	196.06	224.27	840	588.64	203.72	190.17	217.97	1.0
26UF	North Hertfordshire	10.1	Q02	G	377	465.32	121.70	109.72	134.63	368	442.15	118.82	106.98	131.60	1.0
32UE	North Kesteven	11.5	Q24	E	452	365.62	185.70	168.97	203.64	428	347.11	176.02	159.74	193.52	1.1
00FD	North Lincolnshire UA	21.2	Q11	D	593	584.35	152.44	140.41	165.21	568	555.17	146.06	134.29	158.58	1.0
33UF	North Norfolk	16.9	Q01	G	349	411.99	127.25	114.24	141.32	313	389.96	114.58	102.24	128.01	1.1
39UC	North Shropshire	16.6	Q26	F	182	223.47	122.34	105.21	141.46	173	212.11	116.43	99.73	135.14	1.1
00HC	North Somerset UA	14.1	Q20	K	642	774.15	124.57	115.12	134.59	595	734.30	115.67	106.57	125.35	1.1
00CK	North Tyneside	26.0	Q09	A	776	745.26	156.41	145.60	167.81	747	707.59	150.71	140.09	161.91	1.0
44UB	North Warwickshire	16.4	Q28	F	162	224.82	108.24	92.21	126.25	158	213.64	105.58	89.75	123.38	1.0
31UH	North West Leicestershire	15.9	Q25	E	271	322.84	126.09	111.52	142.03	268	306.76	124.72	110.23	140.58	1.0
46UC	North Wiltshire	8.4	Q20	K	419	475.35	132.40	120.03	145.71	396	452.05	125.06	113.04	138.00	1.1
34UF	Northampton	20.2	Q25	E	653	733.33	133.76	123.69	144.42	625	697.68	127.89	118.05	138.32	1.0
33UG	Norwich	28.3	Q01	G	545	485.52	168.61	154.75	183.38	506	460.99	156.70	143.34	170.96	1.1
00FY	Nottingham UA	41.8	Q24	E	1317	1014.58	194.99	184.60	205.81	1281	965.37	189.43	179.20	200.10	1.0
44UC	Nuneaton and Bedworth	21.2	Q28	F	294	443.39	99.60	88.54	111.66	279	421.72	94.44	83.69	106.20	1.1
31UJ	Oadby and Wigston	9.7	Q25	E	172	209.59	123.27	105.54	143.13	166	199.06	119.05	101.62	138.60	1.0
00BP	Oldham	30.7	Q14	B	1466	849.17	259.32	246.22	272.95	1411	808.11	249.26	236.42	262.61	1.0
39UD	Oswestry	17.1	Q26	F	111	147.85	112.77	92.77	135.81	108	140.40	109.81	90.08	132.59	1.0
38UC	Oxford	19.7	Q16	J	441	512.27	129.31	117.52	141.97	420	487.14	123.08	111.59	135.43	1.1
30UJ	Pendle	27.6	Q13	B	504	351.72	215.25	196.86	234.89	477	334.52	203.56	185.70	222.67	1.1
15UF	Penwith	29.0	Q21	K	494	261.79	283.45	259.00	309.58	458	248.10	263.54	239.95	288.82	1.1
00JA	Peterborough UA	23.4	Q01	G	962	593.95	243.29	228.16	259.16	909	565.39	229.52	214.84	244.94	1.1
00HG	Plymouth UA	26.2	Q21	K	991	931.27	159.85	150.05	170.12	955	884.62	154.11	144.49	164.21	1.0
00HP	Poole UA	14.3	Q22	K	645	574.11	168.76	155.99	182.30	611	544.46	160.20	147.75	173.43	1.1
00MR	Portsmouth UA	24.9	Q17	J	1357	729.63	279.37	264.70	294.64	1254	693.39	258.18	244.08	272.87	1.1
30UK	Preston	28.5	Q13	B	777	493.53	236.49	220.15	253.72	713	469.56	216.77	201.15	233.28	1.1
19UG	Purbeck	12.6	Q22	K	164	177.70	138.63	118.23	161.55	156	168.44	132.21	112.28	154.67	1.1
00MC	Reading UA	18.8	Q16	J	355	529.84	100.64	90.44	111.68	343	504.24	97.11	87.10	107.95	1.0
00BC	Redbridge	17.8	Q06	H	639	928.04	103.43	95.56	111.77	604	882.95	97.66	90.02	105.76	1.1
00EE	Redcar and Cleveland UA	30.6	Q10	A	747	529.71	211.83	196.91	227.58	725	503.25	205.66	190.96	221.19	1.0
47UD	Redditch	19.4	Q28	F	254	289.26	131.90	116.17	149.16	244	275.31	126.52	111.14	143.44	1.0
43UF	Reigate and Banstead	9.0	Q19	J	479	496.38	144.95	132.26	158.53	452	471.47	136.86	124.53	150.08	1.1

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Females										
					CIPS					People					
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Ratio of spells to people
N/A	ALL ENGLAND				190539	190539.00	150.21	149.54	150.89	181083	181083.00	142.76	142.10	143.42	1.1
15UG	Restormel	23.9	Q21	K	683	383.07	267.82	248.11	288.68	613	363.52	240.73	222.05	260.57	1.1
30UL	Ribble Valley	10.3	Q13	B	239	211.29	169.91	149.05	192.88	220	200.56	156.59	136.58	178.71	1.1
00BD	Richmond upon Thames	9.7	Q08	H	550	677.95	121.86	111.89	132.48	523	644.56	115.83	106.12	126.20	1.1
36UE	Richmondshire	12.5	Q11	D	210	174.66	180.60	157.00	206.75	195	166.03	167.67	144.96	192.93	1.1
00BQ	Rochdale	33.7	Q14	B	910	788.56	173.34	162.26	184.98	873	750.43	166.07	155.24	177.47	1.0
22UL	Rochford	8.7	Q03	G	192	302.53	95.33	82.32	109.81	180	287.32	89.43	76.85	103.50	1.1
30UM	Rossendale	24.1	Q13	B	319	250.52	191.28	170.86	213.46	311	238.30	186.31	166.17	208.21	1.0
21UG	Rother	16.2	Q19	J	424	408.03	156.09	141.58	171.68	403	385.87	149.10	134.89	164.39	1.1
00CF	Rotherham	28.2	Q23	D	1316	948.17	208.48	197.37	220.06	1264	901.45	200.17	189.29	211.52	1.0
44UD	Rugby	13.6	Q28	F	264	338.01	117.32	103.59	132.36	257	321.20	114.22	100.68	129.08	1.0
43UG	Runnymede	7.8	Q19	J	216	303.28	106.98	93.19	122.24	202	287.97	100.14	86.80	114.94	1.1
37UJ	Rushcliffe	9.0	Q24	E	322	403.30	119.93	107.19	133.77	315	382.98	117.42	104.81	131.13	1.0
24UL	Rushmoor	10.4	Q17	J	296	325.59	136.56	121.44	153.04	280	310.07	128.91	114.25	144.93	1.1
00FP	Rutland UA	6.6	Q25	E	132	129.31	153.33	128.29	181.84	125	122.75	145.37	121.00	173.21	1.1
36UF	Ryedale	12.9	Q11	D	166	197.69	126.13	107.67	146.85	157	187.40	119.60	101.62	139.84	1.1
00BR	Salford	38.2	Q14	B	1180	833.12	212.75	200.79	225.25	1125	791.84	202.82	191.14	215.03	1.0
46UD	Salisbury	11.8	Q20	K	498	455.94	164.07	149.97	179.13	482	432.87	158.96	145.08	173.80	1.0
00CS	Sandwell	35.4	Q27	F	1064	1118.87	142.84	134.39	151.69	1010	1064.16	135.49	127.26	144.11	1.1
36UG	Scarborough	24.1	Q11	D	561	443.57	189.98	174.58	206.37	544	420.30	184.77	169.57	200.97	1.0
20UG	Sedgefield	29.1	Q10	A	336	320.96	157.25	140.88	174.99	318	304.96	148.86	132.95	166.16	1.1
40UC	Sedgemoor	17.4	Q22	K	333	424.98	117.70	105.40	131.05	315	403.31	111.50	99.52	124.52	1.1
00CA	Sefton	26.1	Q15	B	1525	1135.49	201.74	191.74	212.12	1462	1077.59	193.68	183.88	203.87	1.0
36UH	Selby	13.1	Q11	D	207	285.77	108.81	94.49	124.68	202	271.62	106.17	92.03	121.86	1.0
29UK	Sevenoaks	9.6	Q18	J	394	431.35	137.21	123.99	151.45	379	409.65	132.07	119.11	146.07	1.0
00CG	Sheffield	28.4	Q23	D	1816	2005.47	136.02	129.84	142.42	1734	1905.21	129.93	123.88	136.19	1.0
29UL	Shepway	20.8	Q18	J	413	405.78	152.88	138.49	168.37	396	384.95	146.85	132.74	162.06	1.0
39UE	Shrewsbury and Atcham	15.7	Q26	F	462	371.14	186.98	170.32	204.84	441	352.35	178.67	162.38	196.16	1.0
00MD	Slough UA	20.9	Q16	J	347	429.08	121.48	109.03	134.96	332	408.96	115.89	103.76	129.06	1.0
00CT	Solihull	16.4	Q27	F	806	759.91	159.32	148.51	170.71	773	721.96	152.85	142.26	164.02	1.0
09UE	South Bedfordshire	12.3	Q02	G	296	416.26	106.81	94.99	119.70	282	396.01	101.66	90.14	114.24	1.0
11UE	South Bucks	8.1	Q16	J	219	241.86	136.01	118.59	155.27	212	229.65	131.79	114.64	150.77	1.0
12UG	South Cambridgeshire	6.4	Q01	G	522	488.72	160.44	146.97	174.81	498	464.57	153.03	139.88	167.08	1.0

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Females										
					CIPS					People					
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Ratio of spells to people
N/A	ALL ENGLAND				190539	190539.00	150.21	149.54	150.89	181083	181083.00	142.76	142.10	143.42	1.1
17UK	South Derbyshire	14.8 Q24	E		298	301.45	148.49	132.11	166.35	280	286.65	139.45	123.59	156.77	1.1
00HD	South Gloucestershire UA	9.8 Q20	K		600	900.91	100.04	92.19	108.37	581	856.83	96.80	89.09	105.00	1.0
18UG	South Hams	14.2 Q21	K		350	327.69	160.44	144.07	178.16	317	310.55	145.72	130.12	162.68	1.1
32UF	South Holland	15.3 Q24	E		303	302.05	150.68	134.19	168.64	286	286.45	142.53	126.49	160.05	1.1
32UG	South Kesteven	12.2 Q24	E		512	478.42	160.75	147.13	175.30	487	454.47	152.97	139.69	167.18	1.1
16UG	South Lakeland	12.0 Q13	B		429	413.58	155.81	141.41	171.28	404	391.77	147.21	133.21	162.29	1.1
33UH	South Norfolk	10.7 Q01	G		360	432.67	124.98	112.40	138.58	331	410.52	115.10	103.04	128.20	1.1
34UG	South Northamptonshire	6.6 Q25	E		219	293.75	111.99	97.64	127.84	211	279.41	107.81	93.75	123.38	1.0
38UD	South Oxfordshire	7.7 Q16	J		354	489.90	108.54	97.53	120.46	339	465.60	103.94	93.17	115.61	1.0
30UN	South Ribble	14.0 Q13	B		528	385.88	205.53	188.37	223.84	469	366.66	182.60	166.45	199.90	1.1
39UF	South Shropshire	15.5 Q26	F		166	161.46	154.43	131.83	179.79	158	153.05	147.37	125.29	172.23	1.1
40UD	South Somerset	13.7 Q22	K		566	612.80	138.74	127.54	150.65	515	581.50	126.43	115.75	137.84	1.1
41UF	South Staffordshire	11.7 Q26	F		260	383.92	101.73	89.73	114.87	248	364.56	97.11	85.40	109.98	1.0
00CL	South Tyneside	33.1 Q09	A		716	583.75	184.24	170.99	198.25	671	554.43	172.77	159.94	186.35	1.1
00MS	Southampton UA	23.7 Q17	J		819	826.92	148.77	138.76	159.32	764	786.25	138.72	129.05	148.91	1.1
00KF	Southend-On-Sea UA	21.7 Q03	G		553	687.09	120.90	111.03	131.41	529	651.98	115.83	106.17	126.13	1.0
00BE	Southwark	35.4 Q07	H		871	907.68	144.14	134.73	154.04	841	865.12	138.78	129.55	148.48	1.0
43UH	Spelthorne	10.4 Q19	J		229	337.10	102.04	89.25	116.15	219	320.24	97.63	85.12	111.45	1.0
26UG	St. Albans	7.7 Q02	G		383	495.41	116.13	104.79	128.36	371	471.21	112.40	101.25	124.44	1.0
42UF	St. Edmundsbury	11.5 Q01	G		400	375.51	160.01	144.71	176.48	377	356.66	150.90	136.05	166.93	1.1
00BZ	St. Helens	32.0 Q15	B		933	660.74	212.11	198.71	226.17	894	628.01	203.22	190.11	216.99	1.0
41UG	Stafford	12.9 Q26	F		287	453.56	95.05	84.37	106.71	276	430.49	91.53	81.05	102.99	1.0
41UH	Staffordshire Moorlands	16.5 Q26	F		235	350.25	100.78	88.31	114.53	226	332.48	97.04	84.80	110.55	1.0
26UH	Stevenage	15.6 Q02	G		313	293.68	160.10	142.85	178.85	298	279.53	152.19	135.40	170.48	1.1
00BS	Stockport	18.1 Q14	B		1269	1103.33	172.77	163.39	182.54	1199	1048.02	163.32	154.21	172.84	1.1
00EF	Stockton-On-Tees UA	26.3 Q10	A		950	673.88	211.76	198.51	225.67	910	641.03	202.66	189.70	216.26	1.0
00GL	Stoke-On-Trent UA	35.3 Q26	F		710	918.89	116.06	107.68	124.92	680	873.32	111.16	102.96	119.83	1.0
44UE	Stratford-On-Avon	8.8 Q28	F		486	439.98	165.92	151.50	181.35	465	417.46	159.01	144.89	174.15	1.0
23UF	Stroud	10.2 Q20	K		300	428.93	105.06	93.51	117.65	285	407.13	99.93	88.67	112.24	1.1
42UG	Suffolk Coastal	11.5 Q01	G		432	473.58	137.02	124.40	150.57	389	449.08	123.66	111.67	136.58	1.1
00CM	Sunderland	34.2 Q09	A		1422	1035.76	206.23	195.64	217.23	1357	984.57	196.76	186.43	207.51	1.0
43UJ	Surrey Heath	4.9 Q19	J		252	295.98	127.89	112.59	144.69	244	281.45	123.76	108.72	140.30	1.0

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Females										
					CIPS					People					
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Ratio of spells to people
N/A	ALL ENGLAND				190539	190539.00	150.21	149.54	150.89	181083	181083.00	142.76	142.10	143.42	1.1
00BF	Sutton	13.3	Q08	H	581	700.80	124.53	114.61	135.08	564	666.18	120.86	111.09	131.26	1.0
29UM	Swale	20.9	Q18	J	437	467.71	140.35	127.50	154.15	403	444.86	129.32	117.00	142.59	1.1
00HX	Swindon UA	17.2	Q20	K	551	660.73	125.27	115.02	136.18	525	628.75	119.20	109.22	129.85	1.0
00BT	Tameside	29.8	Q14	B	1082	819.39	198.35	186.71	210.53	1035	779.03	189.66	178.28	201.58	1.0
41UK	Tamworth	19.7	Q26	F	208	267.43	116.83	101.49	133.84	200	254.75	112.08	97.08	128.73	1.0
43UK	Tandridge	8.3	Q19	J	272	315.49	129.50	114.57	145.84	255	299.62	121.50	107.04	137.36	1.1
40UE	Taunton Deane	16.3	Q22	K	368	422.10	130.96	117.92	145.05	355	400.46	126.55	113.73	140.43	1.0
20UH	Teesdale	16.4	Q10	A	85	92.67	137.77	110.04	170.36	75	87.85	121.87	95.86	152.77	1.1
18UH	Teignbridge	17.0	Q21	K	560	512.00	164.29	150.96	178.48	507	485.16	149.18	136.48	162.75	1.1
00GF	Telford and Wrekin UA	21.8	Q26	F	657	585.06	168.68	156.03	182.09	621	557.05	159.14	146.87	172.17	1.1
22UN	Tendring	23.1	Q03	G	347	616.76	84.51	75.85	93.89	330	583.92	80.68	72.21	89.87	1.1
24UN	Test Valley	8.7	Q17	J	322	421.56	114.74	102.55	127.98	311	400.61	110.83	98.85	123.85	1.0
23UG	Tewkesbury	10.1	Q20	K	267	302.33	132.66	117.22	149.56	254	286.98	126.35	111.29	142.88	1.1
29UN	Thanet	25.6	Q18	J	636	549.22	173.94	160.69	188.00	615	520.81	168.58	155.51	182.44	1.0
26UJ	Three Rivers	9.4	Q02	G	228	332.02	103.15	90.19	117.45	222	315.46	100.46	87.68	114.58	1.0
00KG	Thurrock UA	21.2	Q03	G	364	535.53	102.10	91.88	113.14	344	509.93	96.30	86.39	107.04	1.1
29UP	Tonbridge and Malling	9.6	Q18	J	363	409.95	133.01	119.68	147.42	348	389.84	127.44	114.40	141.55	1.0
00HH	Torbay UA	23.7	Q21	K	778	571.95	204.32	190.22	219.20	723	541.66	190.55	176.91	204.96	1.1
18UK	Torridge	21.4	Q21	K	242	239.32	151.90	133.36	172.29	224	226.93	140.91	123.06	160.63	1.1
00BG	Tower Hamlets	45.9	Q06	H	766	721.18	159.55	148.45	171.26	724	688.99	150.01	139.28	161.35	1.1
00BU	Trafford	20.2	Q14	B	750	810.62	138.98	129.21	149.29	722	770.21	133.82	124.24	143.95	1.0
29UQ	Tunbridge Wells	10.5	Q18	J	501	418.58	179.79	164.39	196.24	474	397.69	170.15	155.18	186.18	1.1
35UF	Tynedale	15.5	Q09	A	231	228.33	151.97	133.00	172.89	215	216.60	141.71	123.39	161.97	1.1
22UQ	Uttlesford	6.7	Q03	G	208	260.77	119.81	104.08	137.25	203	247.72	116.99	101.45	134.24	1.0
38UE	Vale of White Horse	6.9	Q16	J	305	432.72	105.87	94.32	118.45	293	411.26	101.71	90.39	114.05	1.0
13UH	Vale Royal	17.1	Q15	B	457	463.02	148.26	134.97	162.50	433	440.03	140.48	127.56	154.35	1.1
00DB	Wakefield	29.1	Q12	D	1220	1190.67	153.91	145.39	162.80	1176	1131.80	148.33	139.97	157.06	1.0
00CU	Walsall	29.4	Q27	F	1074	980.29	164.57	154.87	174.72	1013	932.48	155.08	145.68	164.94	1.1
00BH	Waltham Forest	30.2	Q06	H	787	833.56	141.82	132.08	152.09	753	793.78	135.42	125.92	145.45	1.0
00BJ	Wandsworth	20.9	Q08	H	927	975.11	142.80	133.75	152.30	896	928.04	137.83	128.95	147.16	1.0
35UG	Wansbeck	30.5	Q09	A	277	229.63	181.20	160.49	203.84	261	218.05	170.88	150.77	192.92	1.1
00EU	Warrington UA	19.4	Q15	B	1286	711.06	271.67	257.02	286.93	1229	676.21	259.46	245.15	274.38	1.0

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Females										
					CIPS					People					
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Ratio of spells to people
N/A	ALL ENGLAND				190539	190539.00	150.21	149.54	150.89	181083	181083.00	142.76	142.10	143.42	1.1
44UF	Warwick	12.6	Q28	F	670	488.76	205.91	190.61	222.11	626	464.15	192.54	177.75	208.23	1.1
26UK	Watford	14.5	Q02	G	209	302.05	103.94	90.32	119.02	205	287.39	101.83	88.37	116.77	1.0
42UH	Waveney	21.8	Q01	G	403	469.40	128.96	116.68	142.19	359	445.18	115.12	103.52	127.67	1.1
43UL	Waverley	6.2	Q19	J	486	474.11	153.98	140.59	168.30	473	449.89	150.09	136.87	164.25	1.0
21UH	Wealden	9.4	Q19	J	471	590.92	119.73	109.16	131.05	445	560.21	113.40	103.10	124.44	1.1
20UJ	Wear Valley	32.6	Q10	A	196	243.30	121.01	104.66	139.19	184	230.96	113.73	97.89	131.41	1.1
34UH	Wellingborough	17.5	Q25	E	170	271.29	94.13	80.51	109.39	159	257.98	87.99	74.84	102.78	1.1
26UL	Welwyn Hatfield	12.6	Q02	G	306	384.31	119.60	106.58	133.78	287	365.25	112.17	99.57	125.93	1.1
00MB	West Berkshire UA	7.9	Q16	J	328	528.08	93.30	83.47	103.96	316	502.32	89.81	80.18	100.27	1.0
18UL	West Devon	16.3	Q21	K	195	197.19	148.54	128.42	170.92	186	186.89	142.08	122.39	164.03	1.0
19UH	West Dorset	13.3	Q22	K	393	401.07	147.19	132.99	162.49	372	379.82	139.82	125.97	154.77	1.1
30UP	West Lancashire	21.1	Q13	B	487	407.09	179.70	164.09	196.39	460	386.78	169.78	154.62	186.03	1.1
32UH	West Lindsey	17.7	Q24	E	416	304.67	205.10	185.86	225.79	392	289.23	193.48	174.80	213.62	1.1
38UF	West Oxfordshire	6.3	Q16	J	257	368.48	104.77	92.35	118.39	244	350.03	99.51	87.42	112.81	1.1
40UF	West Somerset	22.1	Q22	K	99	153.64	96.79	78.66	117.84	95	145.34	93.31	75.49	114.07	1.0
46UF	West Wiltshire	12.0	Q20	K	410	472.98	130.21	117.91	143.45	378	449.37	120.08	108.28	132.82	1.1
00BK	Westminster	31.7	Q04	H	673	720.15	140.38	129.97	151.39	642	684.67	133.86	123.70	144.63	1.0
19UJ	Weymouth and Portland	21.2	Q22	K	339	259.58	196.17	175.84	218.21	309	246.14	179.21	159.79	200.35	1.1
00BW	Wigan	29.3	Q14	B	1221	1112.69	164.83	155.72	174.35	1153	1058.01	155.57	146.72	164.82	1.1
24UP	Winchester	7.0	Q17	J	386	425.19	136.37	123.10	150.67	360	403.54	127.35	114.54	141.21	1.1
00ME	Windsor and Maidenhead UA	8.2	Q16	J	413	507.34	122.28	110.77	134.66	395	482.13	116.96	105.71	129.08	1.0
00CB	Wirral	30.1	Q15	B	1843	1274.44	217.22	207.42	227.37	1774	1209.92	209.31	199.68	219.28	1.0
43UM	Woking	7.3	Q19	J	310	345.46	134.79	120.20	150.67	293	328.47	127.34	113.17	142.79	1.1
00MF	Wokingham UA	5.1	Q16	J	289	530.13	81.89	72.72	91.89	273	504.47	77.25	68.36	86.98	1.1
00CW	Wolverhampton	32.2	Q27	F	678	916.63	111.11	102.90	119.79	651	871.39	106.65	98.61	115.17	1.0
47UE	Worcester	17.7	Q28	F	353	355.44	149.18	134.02	165.59	331	338.05	139.78	125.12	155.68	1.1
45UH	Worthing	15.7	Q19	J	490	471.17	156.21	142.69	170.68	468	446.14	149.75	136.49	163.96	1.0
47UF	Wychavon	11.3	Q28	F	301	427.96	105.65	94.05	118.28	285	406.23	100.15	88.86	112.48	1.1
11UF	Wycombe	9.7	Q16	J	578	608.83	142.60	131.21	154.72	553	579.18	136.30	125.18	148.15	1.0
30UQ	Wyre	17.8	Q13	B	308	435.06	106.34	94.79	118.91	293	412.44	101.42	90.13	113.72	1.1
47UG	Wyre Forest	17.8	Q28	F	258	367.99	105.31	92.85	118.98	250	349.28	102.18	89.90	115.66	1.0
00FF	York UA	14.5	Q11	D	550	704.58	117.26	107.66	127.48	532	668.93	113.53	104.09	123.61	1.0

Head injuries :

**Spell-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Females**

Local authority	95% Confidence interval		indirect rate per 100,000
Kerrier	279.19	322.99	300.49
Carrick	274.16	317.46	295.21
Penwith	259.00	309.58	283.45
Lincoln	260.45	305.23	282.17
Middlesborough UA	264.39	299.74	281.65
Portsmouth UA	264.70	294.64	279.37
Warrington UA	257.02	286.93	271.67
Restormel	248.11	288.68	267.82
Burnley	243.06	285.46	263.62
Oldham	246.22	272.95	259.32
Liverpool	246.85	265.74	256.16
Havant	234.92	271.05	252.50
Peterborough UA	228.16	259.16	243.29
Halton UA	222.07	258.02	239.54
Preston	220.15	253.72	236.49
Hastings	206.65	244.96	225.20
Barrow-In-Furness	200.58	244.02	221.51
Wirral	207.42	227.37	217.22
Knowsley	202.12	232.17	216.76
Derwentside	197.35	236.83	216.42
Pendle	196.86	234.89	215.25
Hyndburn	193.90	233.58	213.05
Salford	200.79	225.25	212.75
Copeland	191.04	235.68	212.49
St. Helens	198.71	226.17	212.11
Redcar and Cleveland UA	196.91	227.58	211.83
Stockton-On-Tees UA	198.51	225.67	211.76
North East Lincolnshire UA	196.06	224.27	209.81
Blackburn with Darwen UA	193.87	223.92	208.49
Rotherham	197.37	220.06	208.48
Sunderland	195.64	217.23	206.23
Warwick	190.61	222.11	205.91
South Ribble	188.37	223.84	205.53
West Lindsey	185.86	225.79	205.10
Gosport	185.11	225.31	204.47
Torbay UA	190.22	219.20	204.32
Hambleton	184.68	223.78	203.53
Cambridge	186.81	220.99	203.36
Sefton	191.74	212.12	201.74
Tameside	186.71	210.53	198.35
North Cornwall	178.75	216.30	196.86
Weymouth and Portland	175.84	218.21	196.17
Derby UA	184.95	207.64	196.05
Durham	177.38	215.69	195.83
Nottingham UA	184.60	205.81	194.99
Doncaster	184.12	204.61	194.17
Barnsley	180.12	203.39	191.49
Rossendale	170.86	213.46	191.28
Scarborough	174.58	206.37	189.98
Carlisle	173.18	207.04	189.55
Manchester	180.77	197.30	188.90
Allerdale	170.71	205.82	187.66
Bury	175.26	200.45	187.54
Mansfield	170.31	204.87	186.99
Shrewsbury and Atcham	170.32	204.84	186.98
Fareham	170.13	202.81	185.94
Leeds	179.73	192.25	185.91

Head injuries :

**Spell-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Females**

Local authority	95% Confidence interval		indirect rate per 100,000
North Kesteven	168.97	203.64	185.70
Chorley	168.60	203.06	185.23
Gateshead	173.11	197.57	185.04
Chester-Le-Street	162.18	209.52	184.72
South Tyneside	170.99	198.25	184.24
Islington	170.93	197.33	183.78
North Devon	166.55	201.50	183.41
Cotswold	165.00	201.53	182.58
Camden	170.02	194.35	181.89
Wansbeck	160.49	203.84	181.20
Lancaster	167.11	195.06	180.68
Kings Lynn and West Norfolk	167.04	195.03	180.63
Richmondshire	157.00	206.75	180.60
Tunbridge Wells	164.39	196.24	179.79
West Lancashire	164.09	196.39	179.70
Kingston upon Hull, City of UA	168.29	189.40	178.61
Chichester	162.88	193.10	177.51
Ipswich	162.22	192.17	176.72
Easington	159.60	194.03	176.19
Bassetlaw	159.96	192.07	175.46
Ashfield	160.30	191.58	175.42
Alnwick	147.20	206.50	174.99
Thanet	160.69	188.00	173.94
Rochdale	162.26	184.98	173.34
Macclesfield	160.43	186.75	173.21
Stockport	163.39	182.54	172.77
Hackney	161.20	184.16	172.39
Hammersmith and Fulham	158.99	184.98	171.62
Darlington UA	155.59	187.86	171.16
Fenland	153.28	188.07	170.01
Ribble Valley	149.05	192.88	169.91
East Lindsey	155.71	183.69	169.27
East Cambridgeshire	151.04	188.84	169.15
Poole UA	155.99	182.30	168.76
Telford and Wrekin UA	156.03	182.09	168.68
Norwich	154.75	183.38	168.61
Crewe and Nantwich	152.24	182.62	166.91
Birmingham	161.72	171.66	166.63
Stratford-On-Avon	151.50	181.35	165.92
Wigan	155.72	174.35	164.83
Walsall	154.87	174.72	164.57
East Hampshire	149.82	180.15	164.46
Bath and North East Somerset	152.75	176.83	164.46
Teignbridge	150.96	178.48	164.29
Salisbury	149.97	179.13	164.07
Leicester UA	154.74	173.39	163.87
Harrogate	149.12	174.19	161.29
Exeter	146.86	176.31	161.08
South Kesteven	147.13	175.30	160.75
South Cambridgeshire	146.97	174.81	160.44
South Hams	144.07	178.16	160.44
Stevenage	142.85	178.85	160.10
St. Edmundsbury	144.71	176.48	160.01
Plymouth UA	150.05	170.12	159.85
Arun	148.17	172.06	159.78
Eden	138.59	183.26	159.77
Tower Hamlets	148.45	171.26	159.55

Head injuries :

Spell-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Females

Local authority	95% Confidence interval		indirect rate per 100,000
East Devon	147.07	172.69	159.50
Solihull	148.51	170.71	159.32
Chesterfield	144.03	175.52	159.19
High Peak	142.94	176.14	158.89
Bolsover	140.72	177.91	158.50
Newcastle upon Tyne	148.26	167.24	157.53
Hartlepool UA	141.40	174.49	157.29
Sedgefield	140.88	174.99	157.25
Canterbury	144.79	170.21	157.12
North Tyneside	145.60	167.81	156.41
Worthing	142.69	170.68	156.21
Rother	141.58	171.68	156.09
South Lakeland	141.41	171.28	155.81
Guildford	141.91	169.26	155.13
Berwick-upon-Tweed	127.24	187.28	155.11
Erewash	140.76	170.30	155.00
South Shropshire	131.83	179.79	154.43
Waverley	140.59	168.30	153.98
Wakefield	145.39	162.80	153.91
Rutland UA	128.29	181.84	153.33
Blackpool UA	141.10	166.14	153.24
Shepway	138.49	168.37	152.88
Lewisham	143.02	162.71	152.62
North Lincolnshire UA	140.41	165.21	152.44
Tynedale	133.00	172.89	151.97
Torridge	133.36	172.29	151.90
Cheltenham	137.62	166.10	151.36
Boston	132.07	172.49	151.27
Blyth Valley	134.42	169.19	151.06
South Holland	134.19	168.64	150.68
Bolton	140.69	159.36	149.80
Worcester	134.02	165.59	149.18
Herefordshire, County of UA	138.18	160.77	149.15
Milton Keynes UA	138.56	160.05	149.01
Southampton UA	138.76	159.32	148.77
West Devon	128.42	170.92	148.54
Calderdale	138.09	159.55	148.53
South Derbyshire	132.11	166.35	148.49
Dartford	132.58	165.64	148.43
Bradford	141.65	155.21	148.32
Vale Royal	134.97	162.50	148.26
Lambeth	138.64	158.05	148.11
Newark and Sherwood	133.79	162.92	147.82
West Dorset	132.99	162.49	147.19
Eastbourne	133.42	161.75	147.08
Congleton	130.72	162.64	146.03
Ellesmere Port and Neston	129.67	163.47	145.85
Medway UA	136.41	155.69	145.81
Reigate and Banstead	132.26	158.53	144.95
Amber Valley	131.49	159.04	144.78
Hillingdon	135.27	154.29	144.55
Southwark	134.73	154.04	144.14
Huntingdonshire	132.12	156.40	143.88
Brighton and Hove UA	134.75	153.16	143.73
Sandwell	134.39	151.69	142.84
Castle Morpeth	122.32	165.74	142.81
Wandsworth	133.75	152.30	142.80

Head injuries :

Spell-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Females

Local authority	95% Confidence interval		indirect rate per 100,000
Forest Heath	124.08	163.41	142.74
Wycombe	131.21	154.72	142.60
Waltham Forest	132.08	152.09	141.82
Charnwood	129.91	154.16	141.65
Mid Devon	125.05	159.63	141.55
Westminster	129.97	151.39	140.38
Swale	127.50	154.15	140.35
Caradon	124.78	157.31	140.34
Basingstoke and Deane	128.40	152.78	140.19
Derbyshire Dales	123.13	158.17	139.83
Aylesbury Vale	128.28	151.59	139.57
Ashford	125.25	153.81	138.98
Trafford	129.21	149.29	138.98
East Staffordshire	124.95	153.69	138.76
South Somerset	127.54	150.65	138.74
Purbeck	118.23	161.55	138.63
Adur	120.74	156.77	137.88
Epsom and Ewell	121.27	156.10	137.87
Teesdale	110.04	170.36	137.77
Bridgnorth	117.79	159.47	137.46
Sevenoaks	123.99	151.45	137.21
North East Derbyshire	122.58	152.72	137.04
Suffolk Coastal	124.40	150.57	137.02
Rushmoor	121.44	153.04	136.56
Winchester	123.10	150.67	136.37
Sheffield	129.84	142.42	136.02
South Bucks	118.59	155.27	136.01
Babergh	120.20	151.59	135.22
North Dorset	117.91	154.19	135.14
Woking	120.20	150.67	134.79
Kennet	117.91	151.31	133.83
Northampton	123.69	144.42	133.76
Harlow	117.87	151.04	133.69
Gravesham	119.40	149.11	133.64
Gloucester	120.26	147.72	133.46
Tonbridge and Malling	119.68	147.42	133.01
Tewkesbury	117.22	149.56	132.66
Dover	119.41	146.64	132.50
North Wiltshire	120.03	145.71	132.40
Craven	114.09	152.07	132.07
Redditch	116.17	149.16	131.90
Chiltern	117.42	147.45	131.79
Hounslow	121.57	141.63	131.31
East Riding of Yorkshire UA	123.51	139.37	131.26
Taunton Deane	117.92	145.05	130.96
Gedling	117.43	144.53	130.45
West Wiltshire	117.91	143.45	130.21
Melton	109.93	151.59	129.52
Tandridge	114.57	145.84	129.50
Kingston upon Thames	118.17	141.46	129.43
Oxford	117.52	141.97	129.31
Waveney	116.68	142.19	128.96
Malvern Hills	113.29	145.60	128.69
Surrey Heath	112.59	144.69	127.89
Corby	108.74	148.88	127.64
Bromley	119.87	135.75	127.62
Breckland	115.37	140.42	127.43

Head injuries :

Spell-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Females

Local authority	95% Confidence interval		indirect rate per 100,000
North Norfolk	114.24	141.32	127.25
Blaby	112.66	143.16	127.23
Mole Valley	112.52	143.17	127.16
Daventry	110.75	144.74	126.90
Broadland	114.10	139.54	126.34
Ryedale	107.67	146.85	126.13
North West Leicestershire	111.52	142.03	126.09
Broxtowe	112.56	139.90	125.67
Swindon UA	115.02	136.18	125.27
South Norfolk	112.40	138.58	124.98
North Somerset UA	115.12	134.59	124.57
Sutton	114.61	135.08	124.53
Crawley	110.57	138.90	124.13
Lewes	110.75	137.98	123.81
Oadby and Wigston	105.54	143.13	123.27
Great Yarmouth	109.63	137.99	123.20
North Shropshire	105.21	141.46	122.34
Windsor and Maidenhead UA	110.77	134.66	122.28
Richmond upon Thames	111.89	132.48	121.86
North Hertfordshire	109.72	134.63	121.70
Eastleigh	109.13	134.87	121.49
Slough UA	109.03	134.96	121.48
Wear Valley	104.66	139.19	121.01
Kirklees	114.29	127.97	120.99
Southend-On-Sea UA	111.03	131.41	120.90
Newham	112.32	129.89	120.87
Mid Suffolk	106.78	136.30	120.87
Chester	108.41	133.39	120.42
Isle of Wight UA	109.58	132.03	120.41
Haringey	111.08	130.01	120.26
Horsham	108.34	132.68	120.05
Rushcliffe	107.19	133.77	119.93
Uttlesford	104.08	137.25	119.81
Wealden	109.16	131.05	119.73
Welwyn Hatfield	106.58	133.78	119.60
Bournemouth UA	109.92	129.89	119.59
Bristol, City of UA	112.65	126.29	119.32
Coventry	111.20	126.73	118.78
Epping Forest	106.83	131.33	118.61
Bedford	107.07	129.36	117.82
Sedgemoor	105.40	131.05	117.70
Cherwell	106.17	129.85	117.57
Hertsmere	104.34	131.64	117.40
Rugby	103.59	132.36	117.32
York UA	107.66	127.48	117.26
Greenwich	108.22	126.19	116.95
Tamworth	101.49	133.84	116.83
Merton	107.21	126.93	116.76
St. Albans	104.79	128.36	116.13
Stoke-On-Trent UA	107.68	124.92	116.06
Braintree	103.81	126.87	114.91
Test Valley	102.55	127.98	114.74
Castle Point	100.12	129.21	113.97
Elmbridge	102.56	125.84	113.75
Dudley	105.39	120.58	112.79
Oswestry	92.77	135.81	112.77
South Northamptonshire	97.64	127.84	111.99

Head injuries :

Spell-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Females

Local authority	95% Confidence interval		indirect rate per 100,000
Mendip	99.44	124.78	111.58
Wolverhampton	102.90	119.79	111.11
Maldon	94.69	129.39	111.03
Fylde	97.03	126.27	110.93
New Forest	101.27	120.38	110.52
Hart	96.17	125.67	110.19
East Hertfordshire	98.92	122.18	110.09
East Dorset	96.02	123.16	108.96
Selby	94.49	124.68	108.81
South Oxfordshire	97.53	120.46	108.54
Kensington and Chelsea	98.45	119.24	108.47
Barnet	101.50	115.68	108.42
North Warwickshire	92.21	126.25	108.24
Forest of Dean	94.09	122.96	107.80
Barking and Dagenham	98.35	117.91	107.80
Mid Sussex	96.47	118.93	107.26
Runnymede	93.19	122.24	106.98
South Bedfordshire	94.99	119.70	106.81
Croydon	99.79	113.89	106.66
Wyre	94.79	118.91	106.34
Vale of White Horse	94.32	118.45	105.87
Wychavon	94.05	118.28	105.65
Dacorum	95.08	116.98	105.61
Wyre Forest	92.85	118.98	105.31
Stroud	93.51	117.65	105.06
West Oxfordshire	92.35	118.39	104.77
Chelmsford	94.78	115.39	104.71
Ealing	97.18	112.26	104.52
East Northamptonshire	90.46	119.37	104.17
Broxbourne	90.78	118.63	104.01
Watford	90.32	119.02	103.94
Bracknell Forest UA	91.62	116.58	103.54
Basildon	93.94	113.67	103.45
Redbridge	95.56	111.77	103.43
Luton UA	94.15	113.08	103.29
Three Rivers	90.19	117.45	103.15
Hinckley and Bosworth	90.28	115.79	102.44
Thurrock UA	91.88	113.14	102.10
Spelthorne	89.25	116.15	102.04
Harborough	88.20	117.38	102.02
South Staffordshire	89.73	114.87	101.73
Maidstone	91.36	112.74	101.63
Staffordshire Moorlands	88.31	114.53	100.78
Reading UA	90.44	111.68	100.64
South Gloucestershire UA	92.19	108.37	100.04
Nuneaton and Bedworth	88.54	111.66	99.60
Lichfield	86.82	113.05	99.29
Enfield	91.90	106.59	99.04
Cannock Chase	86.11	112.68	98.73
West Somerset	78.66	117.84	96.79
Christchurch	80.31	113.98	96.05
Rochford	82.32	109.81	95.33
Mid Bedfordshire	84.33	106.93	95.13
Stafford	84.37	106.71	95.05
Bromsgrove	82.69	108.67	95.02
Wellingborough	80.51	109.39	94.13
Bexley	86.22	102.40	94.05

Head injuries :

Spell-based rate per 100 000 population for each Local Authority

sorted from highest to lowest, Females

Local authority	95% Confidence interval		indirect rate per 100,000
West Berkshire UA	83.47	103.96	93.30
Newcastle-under-Lyme	82.01	103.81	92.43
Colchester	83.03	102.19	92.24
Kettering	79.55	105.71	91.94
Havering	82.45	98.10	90.02
Tendring	75.85	93.89	84.51
Wokingham UA	72.72	91.89	81.89
Brent	73.75	87.93	80.61
Brentwood	63.88	89.95	76.09
Harrow	65.39	80.06	72.45

Head injuries :

Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Females

Local authority	95% Confidence interval		indirect rate per 100,000
Carrick	253.80	295.61	274.11
Kerrier	253.71	295.60	274.05
Lincoln	247.75	291.48	268.95
Middlesborough UA	251.97	286.48	268.81
Penwith	239.95	288.82	263.54
Warrington UA	245.15	274.38	259.46
Portsmouth UA	244.08	272.87	258.18
Burnley	229.58	270.82	249.56
Oldham	236.42	262.61	249.26
Liverpool	235.54	254.00	244.64
Restormel	222.05	260.57	240.73
Peterborough UA	214.84	244.94	229.52
Halton UA	212.17	247.32	229.24
Havant	206.84	240.85	223.36
Preston	201.15	233.28	216.77
Barrow-In-Furness	194.53	237.36	215.15
Hastings	196.13	233.53	214.22
Wirral	199.68	219.28	209.31
Knowsley	193.09	222.48	207.40
Redcar and Cleveland UA	190.96	221.19	205.66
North East Lincolnshire UA	190.17	217.97	203.72
Pendle	185.70	222.67	203.56
St. Helens	190.11	216.99	203.22
Salford	191.14	215.03	202.82
Stockton-On-Tees UA	189.70	216.26	202.66
Derwentside	182.69	220.78	201.06
Rotherham	189.29	211.52	200.17
Copeland	179.33	222.69	200.13
Hyndburn	180.31	218.63	198.78
Cambridge	181.94	215.70	198.28
Sunderland	186.43	207.51	196.76
Blackburn with Darwen UA	182.20	211.33	196.36
Sefton	183.88	203.87	193.68
West Lindsey	174.80	213.62	193.48
Warwick	177.75	208.23	192.54
Hambleton	173.56	211.57	191.86
Torbay UA	176.91	204.96	190.55
Tameside	178.28	201.58	189.66
Gosport	170.81	209.53	189.43
Nottingham UA	179.20	200.10	189.43
Rossendale	166.17	208.21	186.31
Derby UA	174.71	196.77	185.49
Durham	167.06	204.31	184.98
Scarborough	169.57	200.97	184.77
Doncaster	174.48	194.45	184.26
South Ribble	166.45	199.90	182.60
Barnsley	171.37	194.08	182.46
Chester-Le-Street	158.61	205.47	180.91
Fareham	164.37	196.55	179.92
Manchester	171.81	187.92	179.73
Bury	167.44	192.08	179.44
Weymouth and Portland	159.79	200.35	179.21
Leeds	173.10	185.40	179.17
Shrewsbury and Atcham	162.38	196.16	178.67
Gateshead	166.01	189.98	177.69
Islington	164.23	190.10	176.81
North Kesteven	159.74	193.52	176.02

Head injuries :

Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Females

Local authority	95% Confidence interval		indirect rate per 100,000
Carlisle	160.15	192.80	175.91
North Cornwall	158.33	193.84	175.42
Allerdale	158.22	192.11	174.55
Kingston upon Hull, City of UA	163.96	184.80	174.15
North Devon	157.24	191.30	173.65
Mansfield	156.80	190.04	172.82
South Tyneside	159.94	186.35	172.77
Camden	160.87	184.55	172.41
Kings Lynn and West Norfolk	158.83	186.19	172.10
Wansbeck	150.77	192.92	170.88
Tunbridge Wells	155.18	186.18	170.15
West Lancashire	154.62	186.03	169.78
Thanet	155.51	182.44	168.58
Chorley	152.69	185.59	168.54
Lancaster	155.09	182.09	168.18
Richmondshire	144.96	192.93	167.67
Macclesfield	154.06	179.89	166.60
Ashfield	151.83	182.31	166.55
Rochdale	155.24	177.47	166.07
Ipswich	151.69	180.71	165.73
Easington	149.46	182.85	165.53
Alnwick	138.35	196.09	165.35
Cotswold	148.59	183.42	165.32
Hammersmith and Fulham	152.43	177.89	164.79
Bassetlaw	149.69	180.82	164.71
Darlington UA	149.02	180.65	164.26
Stockport	154.21	172.84	163.32
Hackney	151.48	173.71	162.31
East Cambridgeshire	143.50	180.41	161.16
Fenland	144.42	178.28	160.69
Poole UA	147.75	173.43	160.20
Birmingham	154.88	164.61	159.69
Telford and Wrekin UA	146.87	172.17	159.14
Stratford-On-Avon	144.89	174.15	159.01
Salisbury	145.08	173.80	158.96
Crewe and Nantwich	143.84	173.42	158.11
East Lindsey	144.55	171.59	157.64
Chichester	142.95	171.42	156.70
Norwich	143.34	170.96	156.70
Ribble Valley	136.58	178.71	156.59
Harrogate	144.09	168.77	156.06
Wigan	146.72	164.82	155.57
Leicester UA	146.26	164.39	155.12
Walsall	145.68	164.94	155.08
Bath and North East Somerset	143.63	167.02	155.00
Plymouth UA	144.49	164.21	154.11
East Hampshire	139.39	168.72	153.53
South Cambridgeshire	139.88	167.08	153.03
South Kesteven	139.69	167.18	152.97
Solihull	142.26	164.02	152.85
Newcastle upon Tyne	143.59	162.29	152.73
Bolsover	135.10	171.60	152.53
Stevenage	135.40	170.48	152.19
Canterbury	139.51	164.50	151.62
Chesterfield	136.66	167.41	151.45
Hartlepool UA	135.44	167.86	151.00
Exeter	137.22	165.76	150.99

Head injuries :

Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Females

Local authority	95% Confidence interval		indirect rate per 100,000
Guildford	137.88	164.87	150.92
St. Edmundsbury	136.05	166.93	150.90
North Tyneside	140.09	161.91	150.71
Waverley	136.87	164.25	150.09
Tower Hamlets	139.28	161.35	150.01
Worthing	136.49	163.96	149.75
High Peak	133.85	166.04	149.30
Teignbridge	136.48	162.75	149.18
Rother	134.89	164.39	149.10
Sedgefield	132.95	166.16	148.86
Wakefield	139.97	157.06	148.33
Cheltenham	134.22	162.39	147.80
Erewash	133.64	162.47	147.53
South Shropshire	125.29	172.23	147.37
South Lakeland	133.21	162.29	147.21
Shepway	132.74	162.06	146.85
Boston	127.84	167.69	146.76
Eden	126.45	169.33	146.73
North Lincolnshire UA	134.29	158.58	146.06
South Hams	130.12	162.68	145.72
Rutland UA	121.00	173.21	145.37
Lewisham	135.78	154.96	145.13
Berwick-upon-Tweed	117.22	175.23	144.07
Blackpool UA	132.08	156.37	143.84
Calderdale	133.31	154.42	143.57
Blyth Valley	126.76	160.59	142.93
Lambeth	133.64	152.68	142.92
Arun	131.83	154.48	142.82
Dartford	127.17	159.58	142.69
South Holland	126.49	160.05	142.53
West Devon	122.39	164.03	142.08
Ellesmere Port and Neston	125.96	159.31	141.90
Eastbourne	128.29	156.15	141.71
Tynedale	123.39	161.97	141.71
Bradford	135.01	148.24	141.51
Bolton	132.65	150.79	141.50
Torridge	123.06	160.63	140.91
Vale Royal	127.56	154.35	140.48
East Devon	128.78	152.90	140.46
West Dorset	125.97	154.77	139.82
Worcester	125.12	155.68	139.78
Hillingdon	130.63	149.32	139.74
Congleton	124.55	155.77	139.51
South Derbyshire	123.59	156.77	139.45
Brighton and Hove UA	130.37	148.51	139.22
Southwark	129.55	148.48	138.78
Southampton UA	129.05	148.91	138.72
Milton Keynes UA	128.48	149.18	138.54
Wandsworth	128.95	147.16	137.83
Newark and Sherwood	124.19	152.34	137.73
Amber Valley	124.29	151.14	137.23
Forest Heath	118.81	157.32	137.06
Reigate and Banstead	124.53	150.08	136.86
Herefordshire, County of UA	126.19	147.85	136.70
Castle Morpeth	116.45	158.97	136.49
Wycombe	125.18	148.15	136.30
Huntingdonshire	124.23	147.79	135.63

Head injuries :

Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Females

Local authority	95% Confidence interval		indirect rate per 100,000
Sandwell	127.26	144.11	135.49
Waltham Forest	125.92	145.45	135.42
Basingstoke and Deane	123.83	147.78	135.41
Medway UA	125.96	144.50	134.99
Derbyshire Dales	118.23	152.67	134.63
Aylesbury Vale	122.91	145.74	133.96
Westminster	123.70	144.63	133.86
Trafford	124.24	143.95	133.82
Charnwood	121.57	145.07	132.93
Purbeck	112.28	154.67	132.21
Sevenoaks	119.11	146.07	132.07
South Bucks	114.64	150.77	131.79
Caradon	116.52	148.07	131.59
Epsom and Ewell	115.16	149.18	131.35
Ashford	117.80	145.54	131.12
North East Derbyshire	116.81	146.30	130.94
Bridgnorth	111.39	152.06	130.55
Adur	113.83	148.94	130.51
Sheffield	123.88	136.19	129.93
East Staffordshire	116.32	144.12	129.66
Swale	117.00	142.59	129.32
Mid Devon	113.20	146.24	128.93
Rushmoor	114.25	144.93	128.91
Gedling	115.19	142.06	128.10
Dover	115.20	141.99	128.07
Northampton	118.05	138.32	127.89
Harlow	112.36	144.77	127.80
Craven	109.92	147.31	127.60
Tonbridge and Malling	114.40	141.55	127.44
Winchester	114.54	141.21	127.35
Woking	113.17	142.79	127.34
Babergh	112.11	142.52	126.63
Taunton Deane	113.73	140.43	126.55
East Riding of Yorkshire UA	118.93	134.52	126.55
Redditch	111.14	143.44	126.52
South Somerset	115.75	137.84	126.43
Tewkesbury	111.29	142.88	126.35
Gloucester	113.37	140.07	126.19
Kennet	110.54	142.96	125.97
Gravesham	111.84	140.65	125.63
Chiltern	111.36	140.67	125.37
North Wiltshire	113.04	138.00	125.06
Bromley	117.10	132.82	124.78
North West Leicestershire	110.23	140.58	124.72
Broxtowe	111.23	138.43	124.27
Kingston upon Thames	113.02	135.82	124.03
Hounslow	114.36	133.82	123.80
Surrey Heath	108.72	140.30	123.76
Suffolk Coastal	111.67	136.58	123.66
Oxford	111.59	135.43	123.08
North Dorset	106.14	140.74	122.53
Malvern Hills	107.36	138.92	122.38
Teesdale	95.86	152.77	121.87
Blaby	107.41	137.24	121.65
Tandridge	107.04	137.36	121.50
Melton	102.31	142.67	121.25
Daventry	105.33	138.53	121.08

Head injuries :

Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Females

Local authority	95% Confidence interval		indirect rate per 100,000
Sutton	111.09	131.26	120.86
Crawley	107.28	135.19	120.63
Corby	102.04	141.01	120.36
Breckland	108.38	132.72	120.09
West Wiltshire	108.28	132.82	120.08
Ryedale	101.62	139.84	119.60
Swindon UA	109.22	129.85	119.20
Oadby and Wigston	101.62	138.60	119.05
Mole Valley	104.83	134.53	118.99
North Hertfordshire	106.98	131.60	118.82
Rushcliffe	104.81	131.13	117.42
Lewes	104.62	131.18	117.34
Uttlesford	101.45	134.24	116.99
Windsor and Maidenhead UA	105.71	129.08	116.96
Broadland	105.03	129.53	116.80
North Shropshire	99.73	135.14	116.43
Coventry	108.72	124.07	116.21
Slough UA	103.76	129.06	115.89
Richmond upon Thames	106.12	126.20	115.83
Southend-On-Sea UA	106.17	126.13	115.83
North Somerset UA	106.57	125.35	115.67
Haringey	106.56	125.09	115.55
Newham	107.20	124.34	115.53
Bournemouth UA	105.95	125.61	115.47
Waveney	103.52	127.67	115.12
South Norfolk	103.04	128.20	115.10
Eastleigh	102.90	127.94	114.91
Great Yarmouth	101.64	129.04	114.73
North Norfolk	102.24	128.01	114.58
Rugby	100.68	129.08	114.22
Mid Suffolk	100.47	129.19	114.16
Kirklees	107.55	120.82	114.04
Chester	102.29	126.61	113.97
Horsham	102.47	126.19	113.87
Wear Valley	97.89	131.41	113.73
Bristol, City of UA	107.08	120.39	113.59
York UA	104.09	123.61	113.53
Wealden	103.10	124.44	113.40
Isle of Wight UA	102.81	124.63	113.33
Epping Forest	101.70	125.66	113.21
Merton	103.66	123.05	113.05
Cherwell	101.46	124.62	112.60
St. Albans	101.25	124.44	112.40
Greenwich	103.81	121.41	112.35
Welwyn Hatfield	99.57	125.93	112.17
Tamworth	97.08	128.73	112.08
Bedford	101.13	122.83	111.59
Sedgemoor	99.52	124.52	111.50
Hertsmere	98.70	125.32	111.42
Stoke-On-Trent UA	102.96	119.83	111.16
Test Valley	98.85	123.85	110.83
Oswestry	90.08	132.59	109.81
Elmbridge	98.31	121.14	109.28
Castle Point	94.95	123.35	108.46
Dudley	101.11	116.01	108.37
Braintree	97.11	119.46	107.85
South Northamptonshire	93.75	123.38	107.81

Head injuries :

Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Females

Local authority	95% Confidence interval		indirect rate per 100,000
Maldon	90.98	125.07	107.02
Wolverhampton	98.61	115.17	106.65
Selby	92.03	121.86	106.17
East Dorset	93.17	119.99	105.95
Hart	91.93	120.82	105.64
North Warwickshire	89.75	123.38	105.58
New Forest	96.34	115.03	105.38
East Hertfordshire	93.83	116.51	104.71
South Oxfordshire	93.17	115.61	103.94
Kensington and Chelsea	93.82	114.14	103.61
Barnet	96.06	109.86	102.79
Mendip	90.96	115.29	102.59
Mid Sussex	91.75	113.72	102.30
Wyre Forest	89.90	115.66	102.18
Watford	88.37	116.77	101.83
Barking and Dagenham	92.56	111.55	101.73
Vale of White Horse	90.39	114.05	101.71
South Bedfordshire	90.14	114.24	101.66
Broxbourne	88.50	116.02	101.57
Wyre	90.13	113.72	101.42
Luton UA	91.54	110.19	100.54
Three Rivers	87.68	114.58	100.46
Ealing	93.11	107.87	100.29
Wychavon	88.86	112.48	100.15
Runnymede	86.80	114.94	100.14
Fylde	86.92	114.77	100.12
Croydon	93.41	107.06	100.06
Stroud	88.67	112.24	99.93
Dacorum	89.57	110.87	99.80
Forest of Dean	86.47	114.25	99.64
West Oxfordshire	87.42	112.81	99.51
Harborough	85.78	114.60	99.41
Basildon	89.29	108.55	98.57
Lichfield	85.65	111.72	98.04
Chelmsford	88.41	108.36	98.01
Redbridge	90.02	105.76	97.66
Bracknell Forest UA	86.08	110.31	97.64
Spelthorne	85.12	111.45	97.63
East Northamptonshire	84.36	112.36	97.61
Hinckley and Bosworth	85.45	110.33	97.30
South Staffordshire	85.40	109.98	97.11
Reading UA	87.10	107.95	97.11
Staffordshire Moorlands	84.80	110.55	97.04
South Gloucestershire UA	89.09	105.00	96.80
Thurrock UA	86.39	107.04	96.30
Enfield	89.12	103.59	96.15
Maidstone	85.98	106.77	95.96
Cannock Chase	83.49	109.66	95.92
Christchurch	79.36	112.95	95.06
Nuneaton and Bedworth	83.69	106.20	94.44
Bromsgrove	81.13	106.91	93.35
West Somerset	75.49	114.07	93.31
Stafford	81.05	102.99	91.53
Mid Bedfordshire	80.40	102.48	90.94
Bexley	82.63	98.48	90.29
West Berkshire UA	80.18	100.27	89.81
Rochford	76.85	103.50	89.43

Head injuries :

**Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Females**

Local authority	95% Confidence interval		indirect rate per 100,000
Newcastle-under-Lyme	79.02	100.45	89.26
Wellingborough	74.84	102.78	87.99
Colchester	78.96	97.67	87.94
Havering	79.68	95.09	87.13
Kettering	73.47	98.71	85.40
Tendring	72.21	89.87	80.68
Brent	71.01	84.93	77.74
Wokingham UA	68.36	86.98	77.25
Brentwood	61.41	87.04	73.40
Harrow	62.53	76.89	69.43

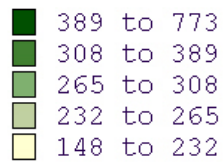
Head injuries: spells: males

Indirectly standardised rate per 100 000: each local authority in England

Principal diagnosis on admission or discharge: 2000/01-2004/05

All admissions

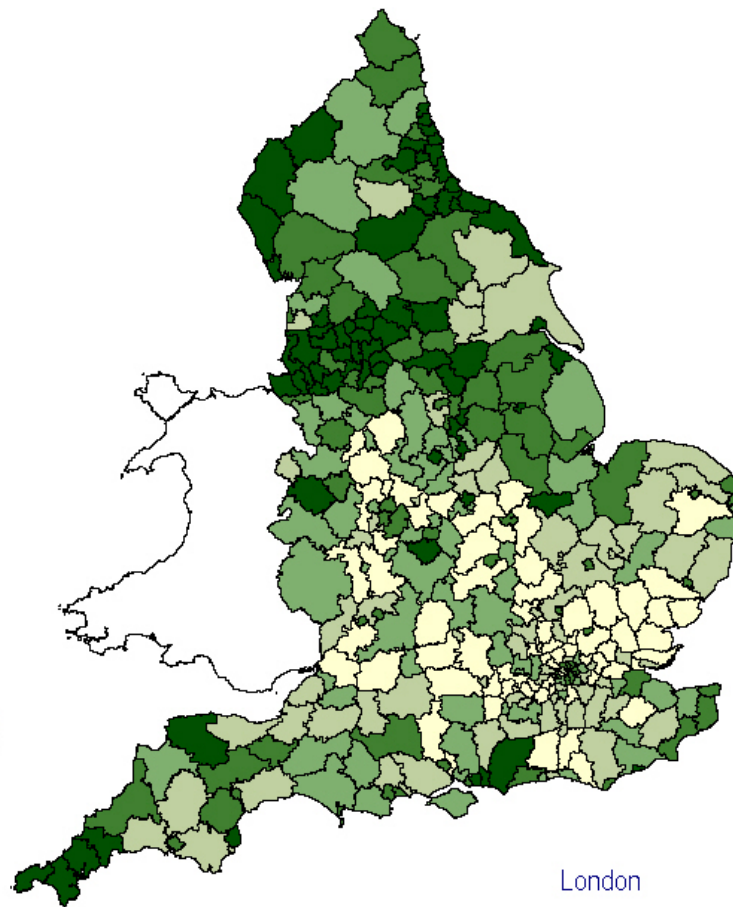
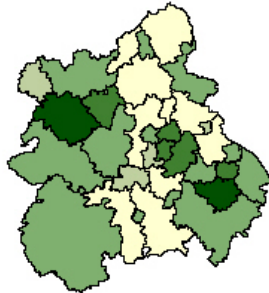
Quintile range of rates



Manchester



West Midlands



London



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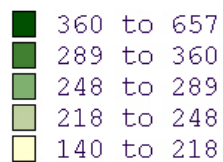
Head injuries : people: males

Indirectly standardised rate per 100 000: each local authority in England

Principal diagnosis on admission or discharge: 2000/01-2004/05

All admissions

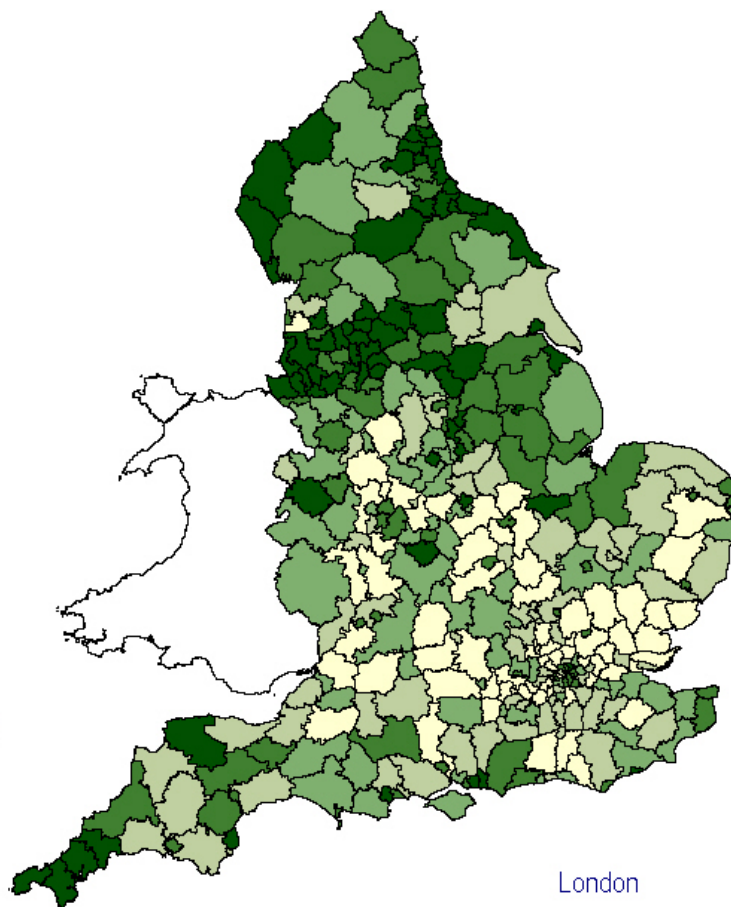
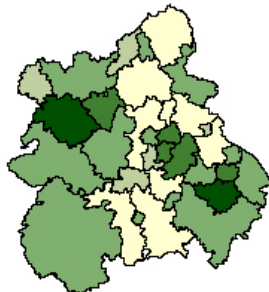
Quintile range of rates



Manchester



West Midlands



London



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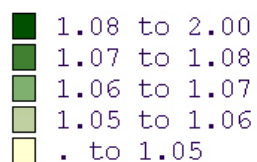
Head injuries: ratios: males

Number of spells per person: each local authority in England

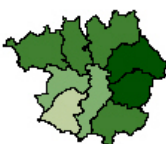
Principal diagnosis on admission or discharge: 2000/01-2004/05

All admissions

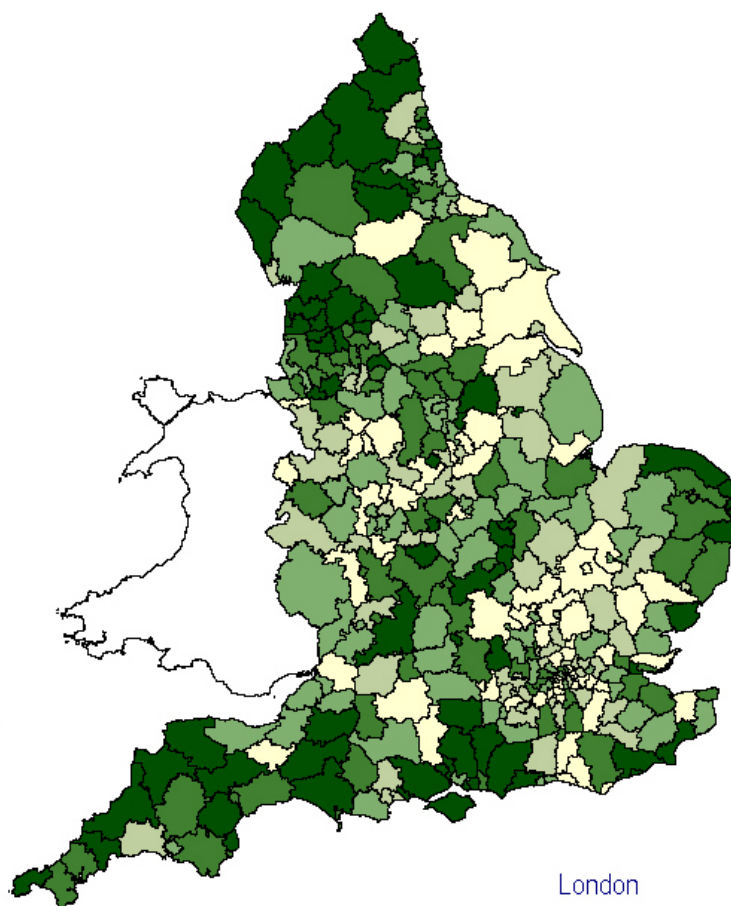
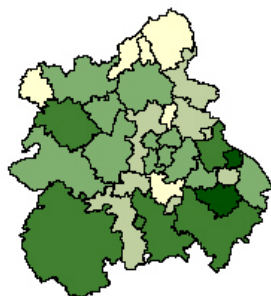
Ratios



Manchester



West Midlands

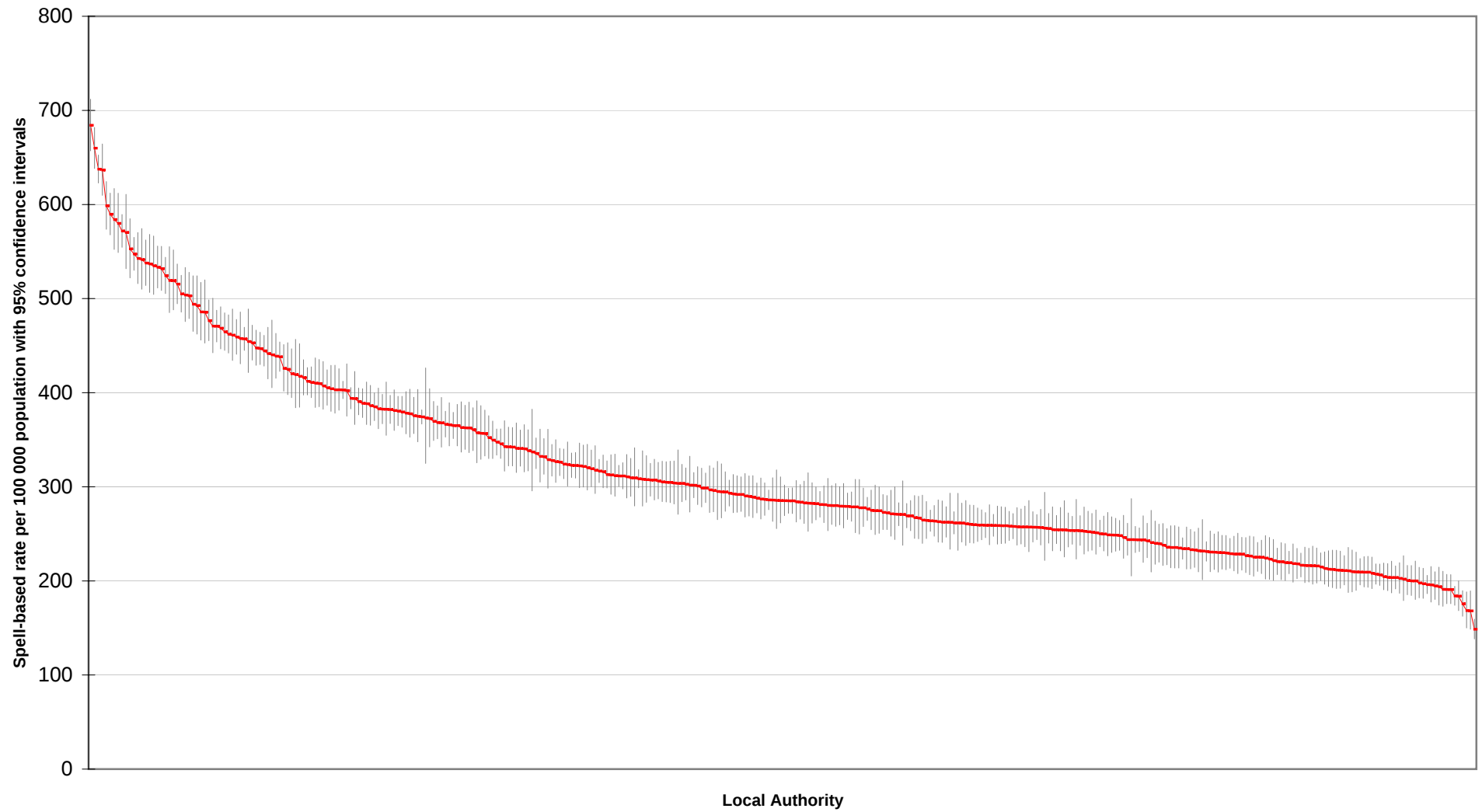


London

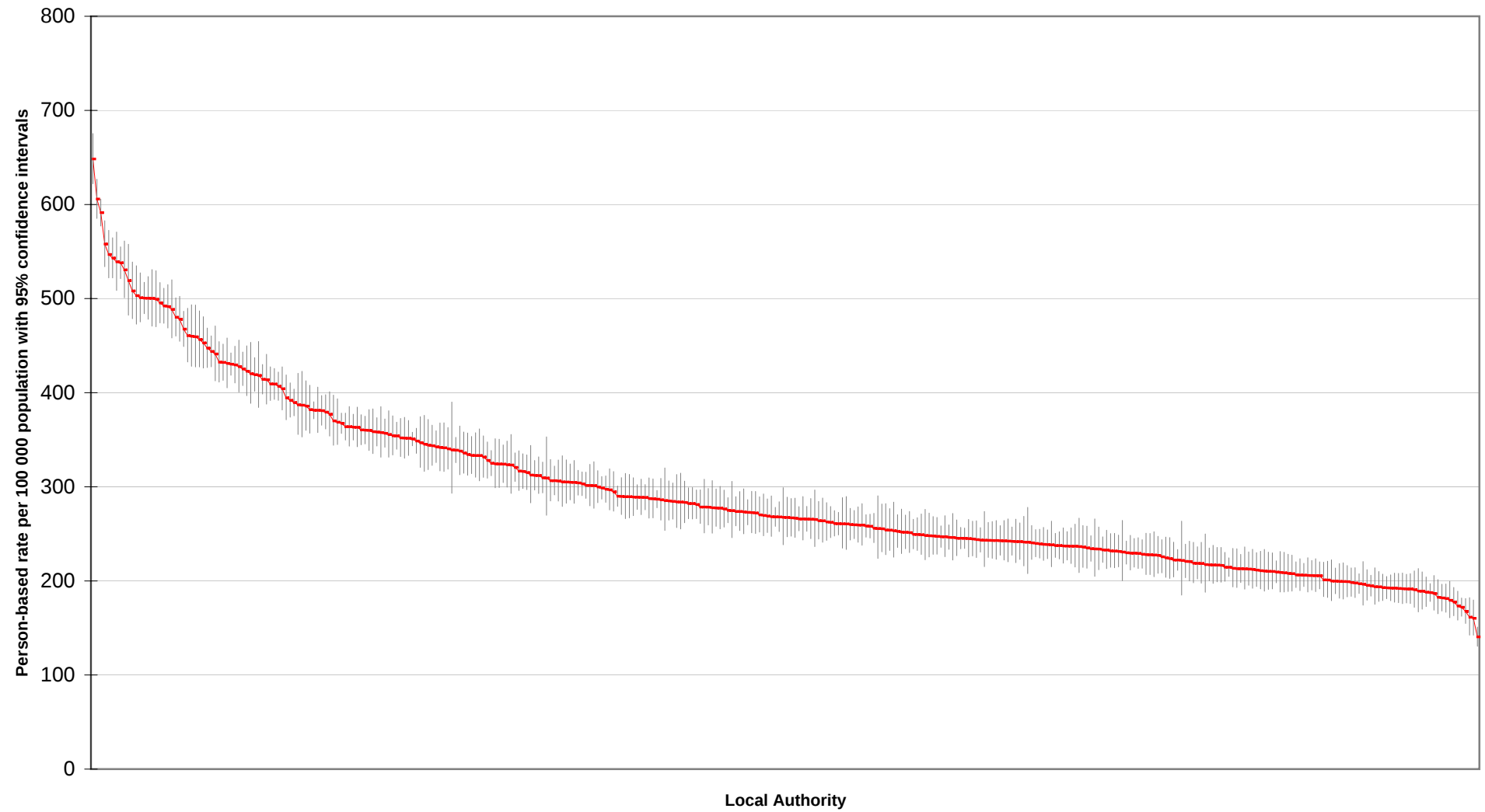


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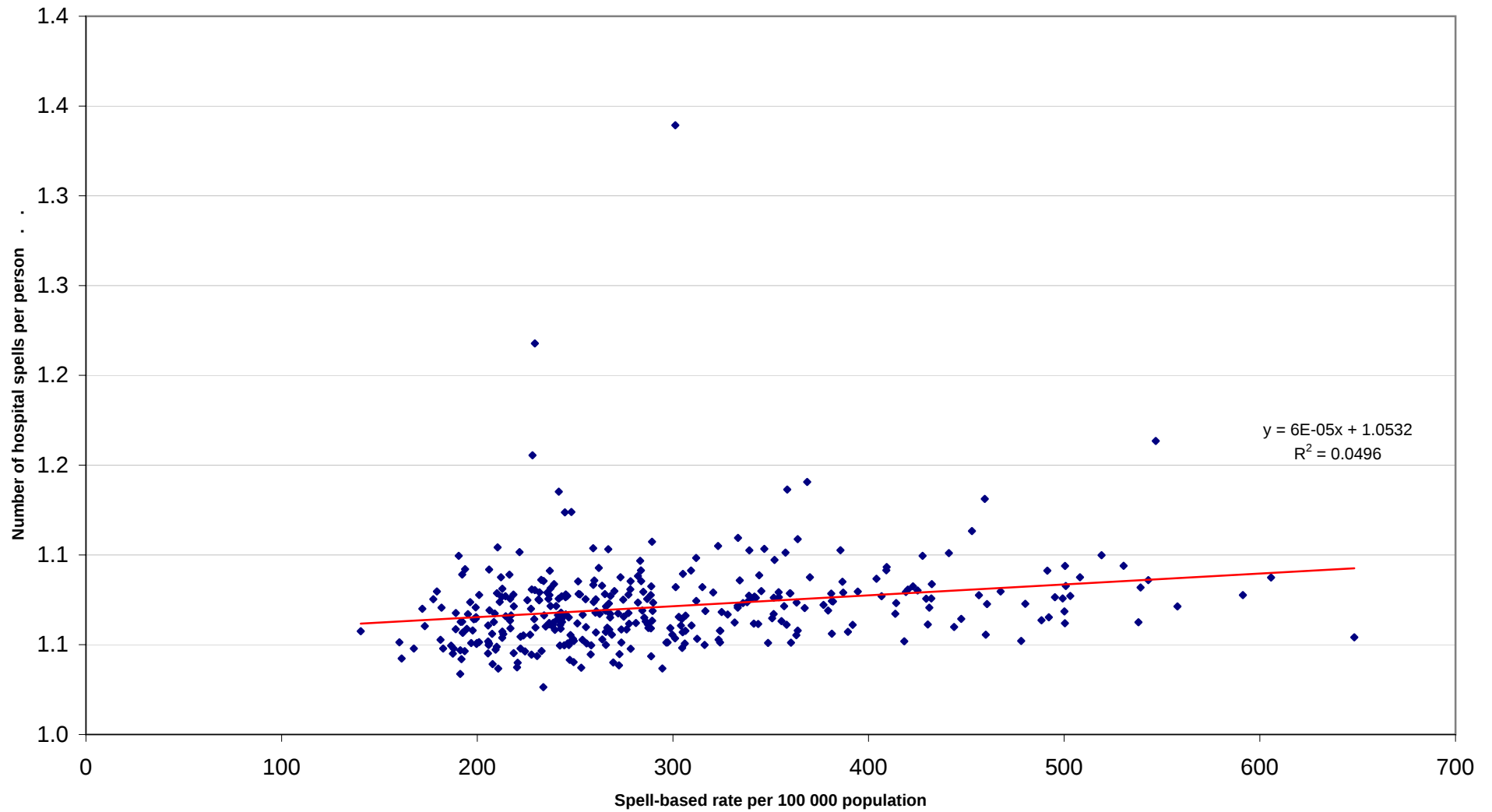
Head injuries : Spell-based rate per 100 000 population for each Local Authority , Males



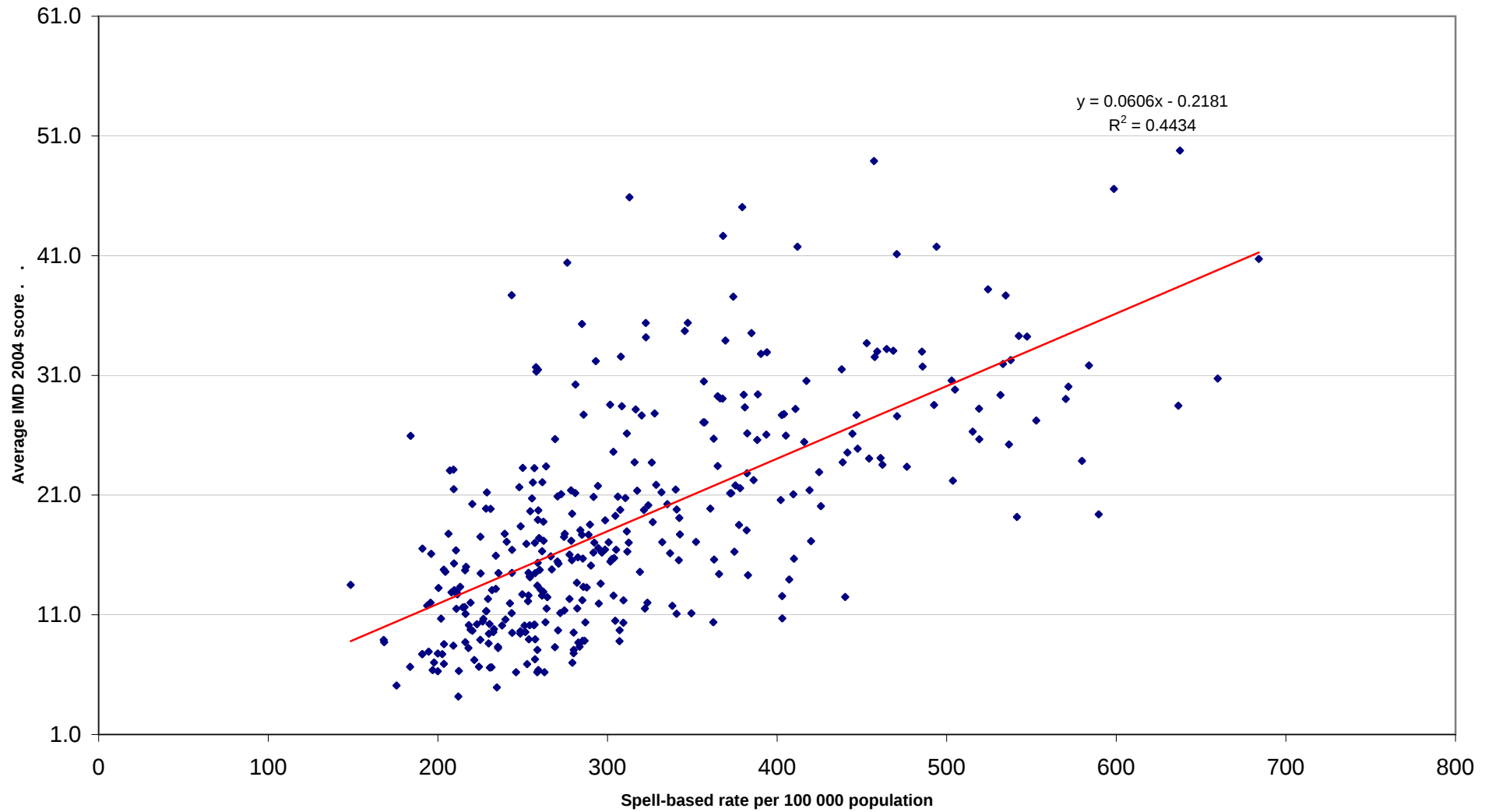
Head injuries : Person-based rate per 100 000 population for each Local Authority , Males



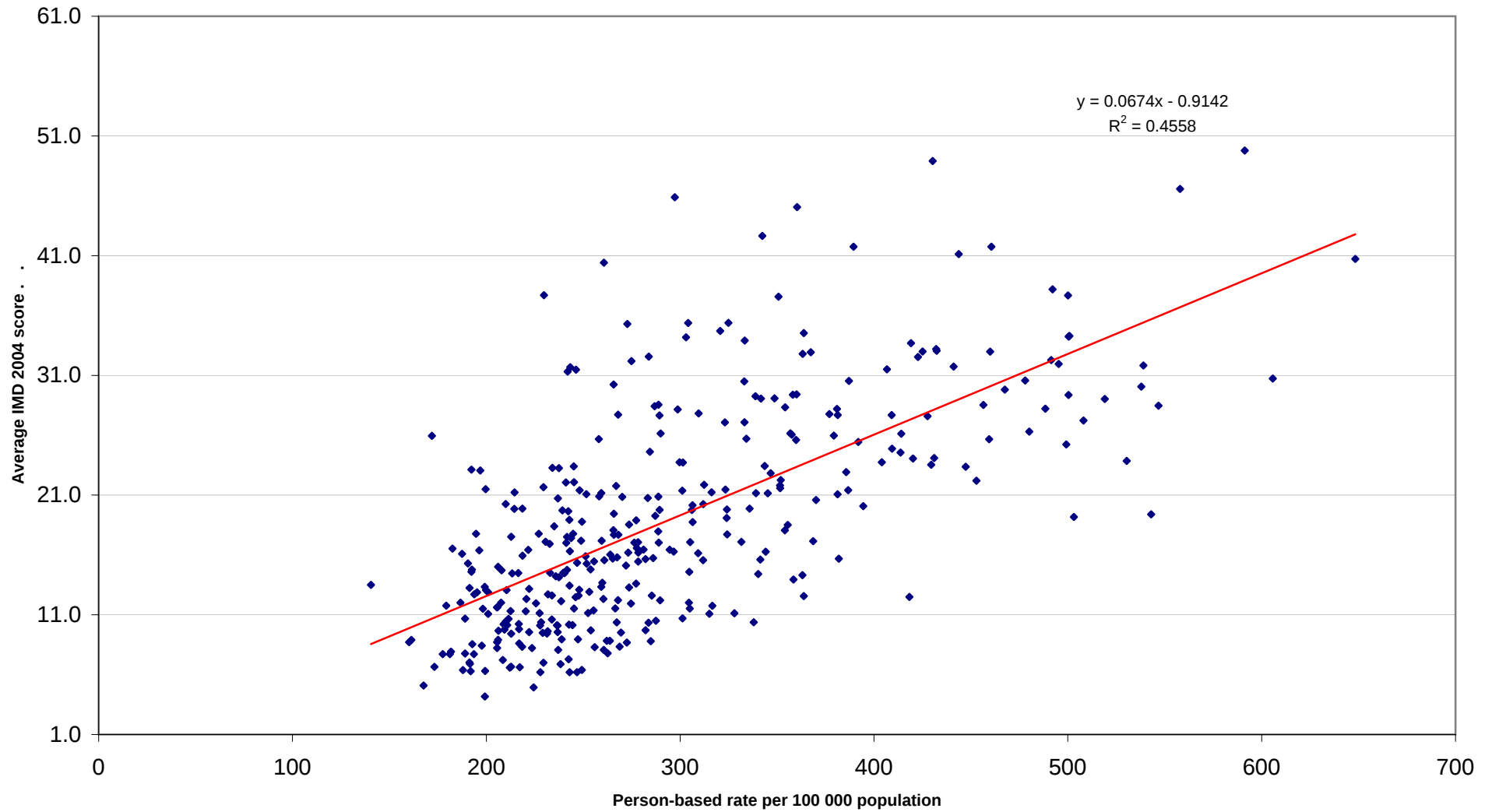
Head injuries : number of spells plotted against the person-based rate for each Local Authority , Males



Head injuries : average IMD score plotted against the spell-based rate for each Local Authority , Males



Head injuries : average IMD score plotted against the person-based rate for each Local Authority , Males



HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Males									
					CIPS					People				
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval	Ratio of spells to people	
N/A	ALL ENGLAND				396287	396287.00	326.26	325.25 327.28	370077	370077.00	304.68	303.70 305.67	1.1	
45UB	Adur	17.0	Q19	J	353	447.84	257.17	231.04 285.45	331	418.10	241.21	215.92 268.65	1.1	
16UB	Allerdale	22.9	Q13	B	924	709.71	424.77	397.82 453.07	838	662.03	385.67	359.99 412.69	1.1	
35UB	Alnwick	16.1	Q09	A	239	231.43	336.94	295.57 382.48	219	215.76	309.26	269.65 353.05	1.1	
17UB	Amber Valley	18.9	Q24	E	817	892.58	298.64	278.51 319.84	758	832.80	277.32	257.92 297.78	1.1	
45UC	Arun	15.6	Q19	J	1095	1044.36	342.08	322.12 362.96	997	974.07	311.86	292.80 331.83	1.1	
37UB	Ashfield	27.8	Q24	E	1070	863.98	404.06	380.21 429.02	998	806.64	376.96	353.94 401.10	1.1	
29UB	Ashford	13.4	Q18	J	644	812.21	258.69	239.10 279.47	605	758.88	242.90	223.93 263.05	1.1	
11UB	Aylesbury Vale	8.3	Q16	J	1098	1331.69	269.01	253.33 285.40	1045	1244.29	255.88	240.60 271.88	1.1	
42UB	Babergh	11.3	Q01	G	444	634.05	228.47	207.71 250.74	428	591.79	220.35	199.97 242.25	1.0	
00AB	Barking and Dagenham	31.3	Q06	H	1075	1359.08	258.06	242.87 273.96	1010	1271.91	241.94	227.25 257.34	1.1	
00AC	Barnet	16.1	Q05	H	1578	2626.55	196.01	186.46 205.93	1510	2453.61	187.51	178.17 197.21	1.0	
00CC	Barnsley	33.0	Q23	D	2383	1693.58	459.08	440.83 477.89	2206	1581.30	425.05	407.49 443.16	1.1	
16UC	Barrow-In-Furness	33.0	Q13	B	817	549.10	485.44	452.72 519.91	774	512.78	459.90	428.06 493.47	1.1	
22UB	Basildon	20.7	Q03	G	1027	1311.39	255.51	240.12 271.63	953	1225.62	236.91	222.11 252.44	1.1	
24UB	Basingstoke and Deane	8.8	Q17	J	1072	1220.87	286.48	269.58 304.15	981	1140.26	262.13	245.98 279.06	1.1	
37UC	Bassetlaw	25.7	Q24	E	936	842.19	362.60	339.74 386.60	862	785.99	334.15	312.21 357.22	1.1	
00HA	Bath and North East Somerset UA	12.2	Q20	K	1194	1365.84	285.21	269.26 301.86	1121	1274.84	267.92	252.46 284.07	1.1	
09UD	Bedford	17.5	Q02	G	830	1202.94	225.11	210.06 240.96	785	1123.79	212.83	198.20 228.26	1.1	
35UC	Berwick-upon-Tweed	21.2	Q09	A	215	188.05	373.02	324.82 426.36	195	175.22	339.07	293.15 390.15	1.1	
00AD	Bexley	15.0	Q07	H	1139	1715.74	216.59	204.19 229.54	1084	1602.93	206.04	193.96 218.69	1.1	
00CN	Birmingham	37.6	Q27	F	9624	8391.34	374.19	366.75 381.74	9039	7852.73	350.71	343.52 358.02	1.1	
31UB	Blaby	8.7	Q25	E	620	715.15	282.85	261.02 306.02	597	667.57	272.47	251.05 295.23	1.0	
00EX	Blackburn with Darwen UA	32.3	Q13	B	1925	1167.98	537.73	513.97 562.30	1764	1093.71	491.41	468.74 514.89	1.1	
00EY	Blackpool UA	33.9	Q13	B	1226	1082.49	369.52	349.12 390.79	1105	1010.15	333.29	313.93 353.54	1.1	
35UD	Blyth Valley	26.1	Q09	A	761	630.78	393.62	366.14 422.60	691	588.86	357.53	331.37 385.21	1.1	
17UC	Bolsover	30.5	Q24	E	613	560.54	356.80	329.11 386.20	572	523.24	333.08	306.34 361.53	1.1	
00BL	Bolton	29.4	Q14	B	2498	2096.98	388.65	373.56 404.20	2316	1959.81	360.06	345.54 375.03	1.1	
32UB	Boston	21.9	Q24	E	435	431.75	328.72	298.55 361.11	413	402.82	312.39	282.98 344.02	1.1	
00HN	Bournemouth UA	23.7	Q22	K	1273	1314.33	316.00	298.88 333.85	1206	1226.14	299.68	283.00 317.08	1.1	
00MA	Bracknell Forest UA	8.6	Q16	J	645	915.16	229.95	212.54 248.40	609	855.20	216.97	200.08 234.91	1.1	
00CX	Bradford	32.9	Q12	D	4727	3914.50	393.98	382.83 405.38	4416	3662.56	367.36	356.60 378.36	1.1	
22UC	Braintree	13.2	Q03	G	647	1053.60	200.35	185.21 216.40	618	984.06	191.34	176.55 207.04	1.0	

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Males								
					CIPS				People				
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval	Ratio of spells to people
N/A	ALL ENGLAND				396287	396287.00	326.26	325.25 327.28	370077	370077.00	304.68	303.70 305.67	1.1
33UB	Breckland	14.5	Q01	G	749	949.73	257.30	239.20 276.41	699	886.24	240.31	222.82 258.81	1.1
00AE	Brent	26.0	Q04	H	1299	2304.03	183.94	174.08 194.23	1214	2151.41	171.93	162.39 181.88	1.1
22UD	Brentwood	8.9	Q03	G	271	526.13	168.05	148.64 189.30	260	490.98	161.35	142.33 182.20	1.0
39UB	Bridgnorth	12.3	Q26	F	362	425.38	277.65	249.78 307.78	339	396.64	260.40	233.42 289.65	1.1
00ML	Brighton and Hove UA	25.7	Q19	J	1686	2044.20	269.09	256.40 282.25	1614	1906.05	258.00	245.56 270.90	1.0
00HB	Bristol, City of UA	27.7	Q20	K	2909	3319.03	285.95	275.66 296.54	2726	3099.40	267.98	258.01 278.23	1.1
33UC	Broadland	9.6	Q01	G	676	887.05	248.64	230.24 268.11	629	827.15	231.69	213.94 250.53	1.1
00AF	Bromley	13.2	Q07	H	1646	2293.16	234.19	223.01 245.78	1561	2141.38	222.10	211.22 233.40	1.1
47UB	Bromsgrove	10.1	Q28	F	452	675.62	218.27	198.61 239.36	436	630.33	210.75	191.43 231.49	1.0
26UB	Broxbourne	14.7	Q02	G	451	681.11	216.04	196.55 236.93	434	636.21	207.84	188.75 228.35	1.0
37UD	Broxtowe	16.0	Q24	E	716	841.49	277.61	257.64 298.71	680	784.99	263.93	244.46 284.54	1.1
30UD	Burnley	31.8	Q13	B	1269	709.08	583.90	552.21 616.93	1173	663.03	539.03	508.62 570.78	1.1
00BM	Bury	23.5	Q14	B	2020	1426.05	462.15	442.21 482.75	1878	1332.27	429.49	410.28 449.36	1.1
00CY	Calderdale	25.4	Q12	D	1912	1499.62	415.98	397.54 435.05	1802	1401.06	391.87	373.99 410.39	1.1
12UB	Cambridge	14.6	Q01	G	1043	1066.28	319.14	300.06 339.11	995	994.86	304.73	286.08 324.26	1.0
00AG	Camden	34.7	Q05	H	1869	1764.64	345.56	330.07 361.59	1732	1645.88	320.63	305.70 336.09	1.1
41UB	Cannock Chase	20.3	Q26	F	494	731.66	220.28	201.28 240.59	471	683.42	209.98	191.44 229.83	1.0
29UC	Canterbury	16.2	Q18	J	988	1104.97	291.72	273.81 310.50	943	1031.98	278.41	260.92 296.77	1.0
15UB	Caradon	18.4	Q21	K	458	600.50	248.84	226.57 272.71	432	560.08	235.01	213.36 258.25	1.1
16UD	Carlisle	22.2	Q13	B	1199	776.66	503.68	475.57 533.02	1077	724.59	452.86	426.22 480.74	1.1
15UC	Carrick	19.2	Q21	K	1103	664.63	541.45	509.97 574.37	1024	620.12	503.12	472.77 534.90	1.1
35UE	Castle Morpeth	15.8	Q09	A	326	376.43	282.55	252.71 314.95	308	350.87	267.45	238.41 299.06	1.1
22UE	Castle Point	12.7	Q03	G	427	658.78	211.47	191.89 232.51	391	614.80	193.77	175.04 213.96	1.1
31UC	Charnwood	12.1	Q25	E	1007	1297.81	253.15	237.76 269.28	949	1211.95	238.58	223.64 254.25	1.1
22UF	Chelmsford	8.6	Q03	G	780	1249.79	203.62	189.58 218.43	738	1166.66	192.74	179.08 207.16	1.1
23UB	Cheltenham	14.4	Q20	K	995	887.47	365.79	343.42 389.25	925	828.22	340.29	318.71 362.94	1.1
38UB	Cherwell	11.2	Q16	J	885	1060.84	272.18	254.54 290.72	821	990.77	252.48	235.50 270.35	1.1
13UB	Chester	17.0	Q15	B	814	908.70	292.26	272.52 313.05	769	847.83	276.35	257.16 296.59	1.1
17UD	Chesterfield	27.1	Q24	E	834	763.23	356.51	332.72 381.55	779	712.37	333.18	310.19 357.43	1.1
20UB	Chester-Le-Street	21.4	Q10	A	523	407.13	419.12	383.96 456.63	482	379.80	386.67	352.92 422.78	1.1
45UD	Chichester	10.7	Q19	J	975	789.22	403.06	378.16 429.18	728	736.30	301.25	279.76 323.95	1.3
11UC	Chiltern	6.2	Q16	J	539	668.96	262.88	241.15 286.04	506	624.68	246.80	225.76 269.27	1.1

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Males										
					CIPS					People					
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Ratio of spells to people
N/A	ALL ENGLAND				396287	396287.00	326.26	325.25	327.28	370077	370077.00	304.68	303.70	305.67	1.1
30UE	Chorley	17.2	Q13	B	1022	793.83	420.04	394.68	446.60	896	740.62	368.60	344.86	393.55	1.1
19UC	Christchurch	12.6	Q22	K	254	327.00	253.43	223.21	286.59	234	304.84	233.88	204.87	265.84	1.1
22UG	Colchester	14.6	Q03	G	812	1296.01	204.41	190.59	218.97	764	1210.40	192.31	178.92	206.45	1.1
13UC	Congleton	9.5	Q15	B	597	695.58	280.02	258.01	303.42	574	648.95	269.49	247.89	292.47	1.0
16UE	Copeland	25.7	Q13	B	862	541.62	519.25	485.16	555.11	762	505.38	459.39	427.35	493.20	1.1
34UB	Corby	27.1	Q25	E	463	422.78	357.30	325.49	391.37	419	395.11	323.11	292.91	355.58	1.1
23UC	Cotswold	8.8	Q20	K	536	612.88	285.34	261.69	310.55	495	571.79	263.76	241.04	288.06	1.1
00CQ	Coventry	28.2	Q28	F	2539	2616.00	316.66	304.46	329.22	2397	2445.01	298.70	286.86	310.90	1.1
36UB	Craven	11.9	Q11	D	358	396.09	294.89	265.13	327.07	333	369.43	274.64	245.93	305.78	1.1
45UE	Crawley	14.8	Q19	J	654	820.60	260.02	240.47	280.74	608	766.61	241.64	222.82	261.64	1.1
13UD	Crewe and Nantwich	17.1	Q15	B	937	867.98	352.20	330.01	375.50	882	810.44	331.58	310.06	354.21	1.1
00AH	Croydon	19.9	Q08	H	1943	2742.87	231.12	220.95	241.63	1804	2563.57	214.41	204.63	224.53	1.1
26UC	Dacorum	9.5	Q02	G	812	1086.54	243.82	227.34	261.19	763	1014.69	229.11	213.14	245.96	1.1
00EH	Darlington UA	24.6	Q10	A	1016	750.90	441.45	414.72	469.45	952	701.13	413.70	387.83	440.84	1.1
29UD	Dartford	17.2	Q18	J	554	689.06	262.31	240.92	285.09	526	643.84	248.92	228.09	271.13	1.1
34UC	Daventry	10.2	Q25	E	396	579.24	223.05	201.62	246.14	371	541.04	208.93	188.20	231.31	1.1
00FK	Derby UA	27.7	Q24	E	2626	1917.45	446.82	429.90	464.25	2406	1791.88	409.10	392.92	425.79	1.1
17UF	Derbyshire Dales	12.5	Q24	E	419	516.79	264.52	239.80	291.11	389	481.73	246.03	222.19	271.74	1.1
20UD	Derwentside	28.2	Q10	A	1036	651.15	519.09	487.96	551.69	974	607.64	488.38	458.19	520.05	1.1
00CE	Doncaster	31.5	Q23	D	3034	2259.63	438.07	422.62	453.94	2817	2110.50	406.68	391.80	421.98	1.1
29UE	Dover	18.7	Q18	J	805	803.86	326.72	304.54	350.10	755	750.67	306.44	284.97	329.10	1.1
00CR	Dudley	22.1	Q27	F	1899	2368.70	261.56	249.93	273.60	1780	2211.56	245.23	233.97	256.89	1.1
20UE	Durham	18.5	Q10	A	859	742.32	377.54	352.71	403.66	808	692.49	355.50	331.41	380.89	1.1
00AJ	Ealing	23.4	Q04	H	2125	2627.95	263.82	252.72	275.28	1974	2453.57	245.13	234.43	256.19	1.1
20UF	Easington	41.8	Q10	A	1093	721.85	494.02	465.16	524.20	1019	674.16	460.53	432.68	489.70	1.1
12UC	East Cambridgeshire	10.6	Q01	G	428	582.24	239.83	217.65	263.67	417	543.53	233.75	211.85	257.30	1.0
18UB	East Devon	12.7	Q21	K	709	926.14	249.77	231.72	268.85	657	863.50	231.82	214.43	250.25	1.1
19UD	East Dorset	8.2	Q22	K	440	609.59	235.49	214.00	258.56	417	568.24	223.59	202.64	246.12	1.1
24UC	East Hampshire	8.1	Q17	J	682	860.24	258.66	239.61	278.83	625	803.27	237.06	218.84	256.40	1.1
26UD	East Hertfordshire	6.3	Q02	G	621	1013.36	199.94	184.52	216.30	596	946.23	191.91	176.81	207.95	1.0
32UC	East Lindsey	24.6	Q24	E	914	982.57	303.49	284.13	323.82	855	916.07	284.37	265.63	304.09	1.1
34UD	East Northamptonshire	11.8	Q25	E	366	616.52	193.69	174.35	214.58	339	575.89	179.35	160.77	199.50	1.1

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Males								
					CIPS					People			
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval	Ratio of spells to people
N/A	ALL ENGLAND				396287	396287.00	326.26	325.25 327.28	370077	370077.00	304.68	303.70 305.67	1.1
00FB	East Riding of Yorkshire UA	15.3 Q11	D		1897	2390.94	258.86	247.34 270.78	1807	2230.23	246.86	235.61 258.51	1.0
41UC	East Staffordshire	18.5 Q26	F		724	815.43	289.68	268.96 311.57	684	761.61	273.64	253.51 294.93	1.1
21UC	Eastbourne	21.5 Q19	J		718	688.51	340.24	315.80 366.06	682	642.66	323.34	299.52 348.54	1.1
24UD	Eastleigh	8.9 Q17	J		630	913.50	225.01	207.78 243.29	577	853.06	206.08	189.61 223.61	1.1
16UF	Eden	15.7 Q13	B		331	378.33	285.44	255.52 317.91	307	352.68	265.22	236.38 296.61	1.1
13UE	Ellesmere Port and Neston	19.8 Q15	B		656	628.01	340.80	315.22 367.91	624	586.60	324.11	299.17 350.57	1.1
43UB	Elmbridge	7.0 Q19	J		583	961.86	197.75	182.02 214.48	564	898.25	191.31	175.84 207.77	1.0
00AK	Enfield	23.1 Q05	H		1444	2275.52	207.04	196.50 218.00	1374	2126.26	196.89	186.61 207.58	1.1
22UH	Epping Forest	13.3 Q03	G		605	925.83	213.20	196.55 230.89	565	864.36	199.16	183.07 216.28	1.1
43UC	Epsom and Ewell	6.9 Q19	J		403	520.52	252.60	228.53 278.51	380	485.87	238.29	214.93 263.50	1.1
17UG	Erewash	19.3 Q24	E		796	852.39	304.68	283.88 326.60	750	795.84	287.13	266.95 308.44	1.1
18UC	Exeter	21.6 Q21	K		1102	950.66	378.20	356.20 401.21	1024	887.38	351.59	330.38 373.80	1.1
24UE	Fareham	7.8 Q17	J		715	833.00	280.04	259.89 301.35	670	777.48	262.56	243.06 283.22	1.1
12UD	Fenland	19.8 Q01	G		604	640.77	307.54	283.50 333.07	568	598.00	289.40	266.08 314.21	1.1
42UC	Forest Heath	11.1 Q01	G		382	511.87	243.48	219.67 269.17	357	478.22	227.45	204.47 252.32	1.1
23UD	Forest of Dean	15.9 Q20	K		435	606.05	234.18	212.68 257.25	406	565.68	218.68	197.92 241.02	1.1
30UF	Fylde	13.1 Q13	B		392	551.43	231.93	209.54 256.07	355	514.01	210.43	189.11 233.50	1.1
00CH	Gateshead	33.2 Q09	A		2101	1475.42	464.60	444.94 484.90	1953	1377.18	432.07	413.12 451.67	1.1
37UE	Gedling	16.4 Q24	E		790	844.83	305.09	284.18 327.13	762	788.13	294.58	274.03 316.26	1.0
23UE	Gloucester	19.9 Q20	K		982	888.30	360.68	338.47 383.96	915	830.20	335.80	314.39 358.29	1.1
24UF	Gosport	16.3 Q17	J		712	619.77	374.81	347.78 403.39	654	579.03	344.13	318.26 371.55	1.1
29UG	Gravesham	18.1 Q18	J		651	747.89	283.99	262.59 306.67	609	698.78	265.54	244.86 287.49	1.1
33UD	Great Yarmouth	27.7 Q01	G		681	693.97	320.16	296.56 345.14	615	647.63	289.33	266.91 313.13	1.1
00AL	Greenwich	31.5 Q07	H		1471	1852.91	259.01	245.95 272.60	1400	1732.36	246.23	233.50 259.47	1.1
43UD	Guildford	8.3 Q19	J		931	1071.09	283.59	265.66 302.41	882	999.80	268.78	251.34 287.13	1.1
00AM	Hackney	45.1 Q06	H		2077	1785.86	379.45	363.31 396.13	1976	1670.80	360.34	344.62 376.58	1.1
00ET	Halton UA	34.3 Q15	B		1558	936.90	542.55	515.94 570.18	1439	875.51	500.78	475.24 527.34	1.1
36UC	Hambleton	10.4 Q11	D		714	642.75	362.43	336.33 390.01	665	599.56	337.94	312.74 364.63	1.1
00AN	Hammersmith and Fulham	27.8 Q04	H		1468	1460.95	327.84	311.28 345.05	1384	1362.25	309.55	293.45 326.30	1.1
31UD	Harborough	7.2 Q25	E		407	599.50	221.50	200.50 244.10	383	559.62	208.52	188.16 230.49	1.1
00AP	Haringey	37.7 Q05	H		1442	1931.97	243.52	231.11 256.42	1361	1804.80	229.76	217.71 242.30	1.1
22UJ	Harlow	21.4 Q03	G		610	626.85	317.49	292.79 343.72	579	585.90	301.10	277.07 326.65	1.1

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N/A	ALL ENGLAND				396287	396287.00	326.26	325.25	327.28	370077	370077.00	304.68	303.70	305.67	1.1
36UD	Harrogate	11.1	Q11	D	1226	1173.96	340.72	321.91	360.34	1133	1095.66	315.07	296.98	333.96	1.1
00AQ	Harrow	13.5	Q04	H	791	1737.07	148.57	138.39	159.29	748	1622.39	140.47	130.59	150.91	1.1
24UG	Hart	4.2	Q17	J	446	686.23	212.05	192.82	232.67	419	640.79	199.22	180.60	219.25	1.1
00EB	Hartlepool UA	37.7	Q10	A	1154	704.05	534.77	504.36	566.54	1080	657.94	500.13	470.74	530.87	1.1
21UD	Hastings	31.7	Q19	J	981	658.81	485.82	455.89	517.20	891	615.49	441.06	412.57	471.00	1.1
24UH	Havant	20.1	Q17	J	1153	883.47	425.80	401.57	451.10	1068	824.87	394.49	371.18	418.88	1.1
00AR	Havering	14.8	Q06	H	1083	1736.68	203.46	191.52	215.95	1025	1621.63	192.58	180.97	204.74	1.1
00GA	Herefordshire, County of UA	15.7	Q28	F	1227	1322.96	302.60	285.90	320.01	1143	1234.37	282.13	266.01	298.97	1.1
26UE	Hertsmere	12.0	Q02	G	490	728.99	219.30	200.31	239.61	464	680.93	207.62	189.15	227.40	1.1
17UH	High Peak	15.1	Q24	E	617	693.55	290.25	267.80	314.09	578	647.40	272.02	250.29	295.13	1.1
00AS	Hillingdon	17.7	Q04	H	1772	2028.68	284.98	271.87	298.57	1654	1895.95	265.80	253.14	278.93	1.1
31UE	Hinckley and Bosworth	11.1	Q25	E	513	773.66	216.34	198.02	235.89	476	721.73	200.95	183.30	219.84	1.1
45UF	Horsham	6.7	Q19	J	527	936.28	183.64	168.29	200.01	497	874.26	173.21	158.31	189.13	1.1
00AT	Hounslow	23.3	Q04	H	1448	1839.07	256.88	243.82	270.46	1339	1717.92	237.48	224.93	250.55	1.1
12UE	Huntingdonshire	10.2	Q01	G	989	1255.51	257.01	241.24	273.54	934	1172.73	242.66	227.34	258.73	1.1
30UG	Hyndburn	28.5	Q13	B	986	653.15	492.53	462.26	524.26	915	610.78	456.44	427.34	487.00	1.1
42UD	Ipswich	23.4	Q01	G	1069	955.60	364.98	343.43	387.53	1007	892.89	343.62	322.72	365.52	1.1
00MW	Isle of Wight UA	21.1	Q17	J	840	1004.99	272.70	254.57	291.78	774	937.42	251.57	234.15	269.93	1.1
00AU	Islington	42.7	Q05	H	1711	1516.33	368.15	350.91	386.02	1590	1414.99	342.37	325.74	359.62	1.1
46UB	Kennet	10.1	Q20	K	446	611.66	237.90	216.33	261.04	427	571.27	227.74	206.65	250.40	1.0
00AW	Kensington and Chelsea	21.5	Q04	H	875	1363.81	209.32	195.68	223.67	833	1271.13	199.67	186.33	213.70	1.1
15UD	Kerrier	25.2	Q21	K	1178	716.09	536.72	506.50	568.26	1095	668.32	499.20	470.07	529.67	1.1
34UE	Kettering	15.3	Q25	E	420	654.04	209.51	189.95	230.54	382	610.86	190.53	171.90	210.63	1.1
33UE	Kings Lynn and West Norfolk	19.1	Q01	G	1080	1029.27	342.34	322.23	363.38	1021	960.06	324.02	304.45	344.52	1.1
00FA	Kingston upon Hull, City of UA	41.1	Q11	D	3009	2086.31	470.55	453.89	487.67	2839	1949.42	443.72	427.55	460.35	1.1
00AX	Kingston upon Thames	11.6	Q08	H	833	1265.73	214.72	200.38	229.81	797	1181.56	205.52	191.49	220.30	1.0
00CZ	Kirklees	26.2	Q12	D	2984	3125.97	311.44	300.37	322.82	2780	2921.84	289.89	279.21	300.87	1.1
00BX	Knowsley	46.6	Q15	B	2163	1179.00	598.56	573.60	624.33	2019	1102.66	557.88	533.81	582.76	1.1
00AY	Lambeth	34.2	Q07	H	2376	2402.27	322.69	309.85	335.94	2230	2242.34	303.01	290.56	315.85	1.1
30UH	Lancaster	22.3	Q13	B	1287	1087.42	386.14	365.33	407.83	1173	1015.58	351.91	332.06	372.64	1.1
00DA	Leeds	27.7	Q12	D	7247	5869.63	402.82	393.60	412.20	6862	5483.56	381.27	372.30	390.40	1.1
00FN	Leicester UA	32.8	Q25	E	2923	2442.10	390.51	376.48	404.93	2723	2284.13	363.22	349.71	377.13	1.1

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N/A	ALL ENGLAND				396287	396287.00	326.26	325.25	327.28	370077	370077.00	304.68	303.70	305.67	1.1
21UF	Lewes	12.9	Q19	J	450	695.33	211.15	192.09	231.59	428	649.05	200.92	182.33	220.88	1.1
00AZ	Lewisham	28.6	Q07	H	1963	2123.63	301.58	288.39	315.23	1881	1984.11	288.85	275.94	302.21	1.0
41UD	Lichfield	12.0	Q26	F	424	706.86	195.70	177.52	215.25	404	659.47	186.65	168.89	205.77	1.0
32UD	Lincoln	27.2	Q24	E	1205	711.22	552.77	522.00	584.89	1108	664.45	508.07	478.59	538.89	1.1
00BY	Liverpool	49.8	Q15	B	7095	3631.11	637.50	622.75	652.51	6584	3392.55	591.30	577.11	605.76	1.1
00KA	Luton UA	23.3	Q02	G	1222	1594.33	250.07	236.24	264.49	1146	1491.31	234.13	220.77	248.09	1.1
13UG	Macclesfield	11.1	Q15	B	1198	1118.39	349.49	329.97	369.85	1123	1043.25	327.97	309.07	347.73	1.1
29UH	Maidstone	11.5	Q18	J	713	1103.12	210.88	195.68	226.94	670	1029.85	198.22	183.49	213.82	1.1
22UK	Maldon	10.7	Q03	G	284	459.09	201.83	179.03	226.72	266	428.70	189.05	167.01	213.19	1.1
47UC	Malvern Hills	13.1	Q28	F	351	546.05	209.72	188.35	232.85	334	509.29	199.81	178.96	222.44	1.1
00BN	Manchester	48.9	Q14	B	5352	3820.09	457.10	444.93	469.51	5043	3571.01	430.27	418.48	442.32	1.1
37UF	Mansfield	32.5	Q24	E	1076	767.27	457.54	430.61	485.72	994	716.50	422.69	396.81	449.80	1.1
00LC	Medway UA	18.0	Q18	J	1943	2035.69	311.41	297.71	325.57	1803	1903.03	288.67	275.50	302.31	1.1
31UG	Melton	10.1	Q25	E	285	365.96	254.09	225.44	285.36	265	341.54	236.40	208.79	266.65	1.1
40UB	Mendip	14.5	Q22	K	587	812.42	235.74	217.05	255.60	539	758.63	216.48	198.58	235.55	1.1
00BA	Merton	14.5	Q08	H	1193	1597.45	243.66	230.02	257.89	1140	1491.34	232.90	219.58	246.83	1.0
09UC	Mid Bedfordshire	7.7	Q02	G	609	980.77	202.59	186.82	219.34	582	915.91	193.61	178.19	209.99	1.0
18UD	Mid Devon	17.1	Q21	K	548	538.09	332.27	305.03	361.29	503	502.26	305.13	279.05	333.00	1.1
42UE	Mid Suffolk	9.8	Q01	G	484	677.43	233.10	212.80	254.83	450	632.28	216.85	197.27	237.84	1.1
45UG	Mid Sussex	6.4	Q19	J	591	979.09	196.94	181.38	213.48	564	914.34	187.94	172.75	204.11	1.0
00EC	Middlesbrough UA	40.7	Q10	A	2415	1151.80	684.08	657.06	711.92	2291	1076.72	648.29	622.01	675.39	1.1
00MG	Milton Keynes UA	15.6	Q16	J	1541	1801.84	279.03	265.27	293.32	1442	1684.19	260.87	247.58	274.69	1.1
43UE	Mole Valley	6.2	Q19	J	455	603.26	246.08	223.98	269.76	421	562.92	227.87	206.62	250.71	1.1
24UJ	New Forest	10.4	Q17	J	1018	1260.77	263.44	247.50	280.13	881	1176.09	228.24	213.41	243.82	1.2
37UG	Newark and Sherwood	19.8	Q24	E	809	821.08	321.46	299.69	344.40	770	766.49	306.08	284.84	328.48	1.1
00CJ	Newcastle upon Tyne	34.5	Q09	A	2632	2231.16	384.88	370.31	399.87	2488	2083.66	363.81	349.65	378.39	1.1
41UE	Newcastle-under-Lyme	19.9	Q26	F	669	955.74	228.38	211.40	246.36	640	891.91	218.63	202.02	236.24	1.0
00BB	Newham	40.4	Q06	H	1935	2285.01	276.29	264.11	288.88	1831	2140.10	260.68	248.87	272.90	1.1
15UE	North Cornwall	22.8	Q21	K	715	610.28	382.24	354.73	411.32	648	569.45	346.71	320.53	374.47	1.1
18UE	North Devon	20.6	Q21	K	820	665.26	402.15	375.09	430.64	754	620.78	370.07	344.12	397.45	1.1
19UE	North Dorset	11.4	Q22	K	428	508.56	274.58	249.18	301.87	398	474.88	255.35	230.88	281.72	1.1
17UJ	North East Derbyshire	18.9	Q24	E	582	733.21	258.98	238.36	280.90	545	683.80	242.84	222.87	264.11	1.1

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Males								
					CIPS				People				
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval	Ratio of spells to people
N/A	ALL ENGLAND				396287	396287.00	326.26	325.25 327.28	370077	370077.00	304.68	303.70 305.67	1.1
00FC	North East Lincolnshire UA	29.4	Q11	D	2005	1230.31	531.70	508.68 555.49	1888	1149.70	500.34	478.02 523.43	1.1
26UF	North Hertfordshire	10.1	Q02	G	718	913.04	256.57	238.14 276.04	684	852.48	244.47	226.49 263.49	1.0
32UE	North Kesteven	11.5	Q24	E	724	733.33	322.11	299.07 346.45	685	684.36	304.97	282.55 328.68	1.1
00FD	North Lincolnshire UA	21.2	Q11	D	1199	1178.79	331.85	313.33 351.18	1142	1100.41	316.20	298.12 335.08	1.0
33UF	North Norfolk	16.9	Q01	G	555	718.09	252.16	231.61 274.04	511	669.05	232.71	212.96 253.79	1.1
39UC	North Shropshire	16.6	Q26	F	413	457.37	294.61	266.88 324.44	389	426.93	277.62	250.71 306.62	1.1
00HC	North Somerset UA	14.1	Q20	K	1123	1440.85	254.29	239.63 269.61	1048	1344.58	237.48	223.32 252.30	1.1
00CK	North Tyneside	26.0	Q09	A	1797	1446.92	405.20	386.68 424.38	1681	1350.25	379.32	361.40 397.89	1.1
44UB	North Warwickshire	16.4	Q28	F	306	473.93	210.65	187.71 235.63	285	442.22	196.36	174.22 220.53	1.1
31UH	North West Leicestershire	15.9	Q25	E	549	671.84	266.61	244.77 289.87	517	627.10	251.19	230.00 273.80	1.1
46UC	North Wiltshire	8.4	Q20	K	639	996.72	209.17	193.26 226.03	604	930.96	197.68	182.22 214.09	1.1
34UF	Northampton	20.2	Q25	E	1646	1601.51	335.32	319.32 351.93	1532	1496.39	311.93	296.51 327.96	1.1
33UG	Norwich	28.3	Q01	G	1211	1037.09	380.97	359.81 403.05	1125	967.82	354.16	333.77 375.48	1.1
00FY	Nottingham UA	41.8	Q24	E	3106	2459.62	412.00	397.64 426.75	2938	2298.57	389.44	375.49 403.78	1.1
44UC	Nuneaton and Bedworth	21.2	Q28	F	806	935.95	280.96	261.90 301.05	744	874.16	259.32	241.01 278.64	1.1
31UJ	Oadby and Wigston	9.7	Q25	E	368	443.23	270.88	243.91 300.02	345	413.98	253.92	227.83 282.18	1.1
00BP	Oldham	30.7	Q14	B	3558	1759.45	659.77	638.27 681.82	3272	1645.78	605.75	585.17 626.86	1.1
39UD	Oswestry	17.1	Q26	F	215	291.55	240.60	209.51 275.00	206	272.19	230.59	200.18 264.33	1.0
38UC	Oxford	19.7	Q16	J	1035	1302.70	259.22	243.66 275.50	955	1216.24	239.24	224.30 254.91	1.1
30UJ	Pendle	27.6	Q13	B	1028	712.56	470.69	442.35 500.37	935	666.15	427.65	400.67 455.96	1.1
15UF	Penwith	29.0	Q21	K	815	466.30	570.24	531.76 610.78	741	434.95	519.07	482.36 557.83	1.1
00JA	Peterborough UA	23.4	Q01	G	1884	1289.88	476.54	455.26 498.55	1770	1205.55	447.34	426.74 468.68	1.1
00HG	Plymouth UA	26.2	Q21	K	2324	1982.99	382.37	366.98 398.24	2169	1852.02	356.83	341.97 372.17	1.1
00HP	Poole UA	14.3	Q22	K	1221	1040.60	382.82	361.65 404.91	1157	970.84	363.11	342.48 384.65	1.1
00MR	Portsmouth UA	24.9	Q17	J	2227	1623.64	447.50	429.11 466.48	2037	1516.40	409.29	391.70 427.45	1.1
30UK	Preston	28.5	Q13	B	2107	1079.93	636.55	609.66 664.33	1811	1009.09	546.81	521.91 572.59	1.2
19UG	Purbeck	12.6	Q22	K	311	334.29	303.53	270.73 339.21	292	311.78	285.36	253.56 320.04	1.1
00MC	Reading UA	18.8	Q16	J	1030	1281.22	262.29	246.51 278.81	979	1196.14	249.37	233.99 265.50	1.1
00BC	Redbridge	17.8	Q06	H	1277	2019.72	206.28	195.12 217.92	1206	1887.50	194.67	183.84 205.98	1.1
00EE	Redcar and Cleveland UA	30.6	Q10	A	1635	1060.77	502.88	478.80 527.86	1554	990.57	477.98	454.51 502.35	1.1
47UD	Redditch	19.4	Q28	F	547	639.28	279.17	256.26 303.57	521	597.28	265.77	243.44 289.60	1.0
43UF	Reigate and Banstead	9.0	Q19	J	768	987.90	253.64	236.01 272.23	723	922.30	238.84	221.75 256.91	1.1

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Males										
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Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Ratio of spells to people
N/A	ALL ENGLAND				396287	396287.00	326.26	325.25	327.28	370077	370077.00	304.68	303.70	305.67	1.1
15UG	Restormel	23.9	Q21	K	1316	740.54	579.80	548.89	611.99	1203	691.07	530.39	500.83	561.23	1.1
30UL	Ribble Valley	10.3	Q13	B	394	415.52	309.36	279.57	341.47	361	387.74	283.67	255.16	314.50	1.1
00BD	Richmond upon Thames	9.7	Q08	H	958	1418.29	220.38	206.64	234.79	896	1323.52	206.27	192.98	220.23	1.1
36UE	Richmondshire	12.5	Q11	D	588	435.83	440.17	405.31	477.24	559	407.22	418.25	384.29	454.40	1.1
00BQ	Rochdale	33.7	Q14	B	2298	1655.43	452.90	434.57	471.81	2129	1547.82	419.08	401.47	437.27	1.1
22UL	Rochford	8.7	Q03	G	307	594.94	168.36	150.05	188.28	292	555.37	160.19	142.34	179.66	1.1
30UM	Rossendale	24.1	Q13	B	710	509.92	454.28	421.47	488.96	657	476.50	420.10	388.59	453.49	1.1
21UG	Rother	16.2	Q19	J	559	614.67	296.71	272.62	322.36	514	573.27	273.18	250.07	297.85	1.1
00CF	Rotherham	28.2	Q23	D	2447	1943.21	410.85	394.73	427.46	2269	1815.00	380.90	365.38	396.90	1.1
44UD	Rugby	13.6	Q28	F	631	695.52	296.00	273.35	320.02	591	649.46	277.26	255.35	300.54	1.1
43UG	Runnymede	7.8	Q19	J	379	618.53	199.92	180.29	221.09	358	577.09	189.01	169.94	209.64	1.1
37UJ	Rushcliffe	9.0	Q24	E	652	826.40	257.41	238.03	277.95	626	771.31	247.28	228.29	267.44	1.0
24UL	Rushmoor	10.4	Q17	J	677	769.77	286.94	265.73	309.39	631	719.33	267.27	246.82	288.96	1.1
00FP	Rutland UA	6.6	Q25	E	209	294.43	231.60	201.26	265.22	196	274.85	217.28	187.92	249.92	1.1
36UF	Ryedale	12.9	Q11	D	307	382.04	262.18	233.67	293.21	296	356.26	253.15	225.13	283.69	1.0
00BR	Salford	38.2	Q14	B	2873	1787.61	524.36	505.36	543.89	2697	1669.75	492.13	473.73	511.06	1.1
46UD	Salisbury	11.8	Q20	K	933	900.00	338.22	316.87	360.64	873	840.09	316.62	295.96	338.34	1.1
00CS	Sandwell	35.4	Q27	F	2428	2280.50	347.36	333.68	361.46	2273	2131.48	324.91	311.69	338.55	1.1
36UG	Scarborough	24.1	Q11	D	1107	783.44	461.01	434.24	488.98	1034	730.83	431.07	405.19	458.17	1.1
20UG	Sedgefield	29.1	Q10	A	757	671.37	367.87	342.13	395.04	703	626.88	341.68	316.89	367.90	1.1
40UC	Sedgemoor	17.4	Q22	K	647	812.93	259.67	240.04	280.47	607	758.76	243.74	224.74	263.93	1.1
00CA	Sefton	26.1	Q15	B	2887	2119.52	444.40	428.34	460.91	2690	1979.26	414.09	398.59	430.04	1.1
36UH	Selby	13.1	Q11	D	467	584.56	260.65	237.54	285.40	444	545.63	247.93	225.40	272.10	1.1
29UK	Sevenoaks	9.6	Q18	J	591	828.66	232.69	214.30	252.23	564	773.68	222.11	204.15	241.22	1.0
00CG	Sheffield	28.4	Q23	D	3990	4220.12	308.47	298.97	318.19	3710	3941.10	286.82	277.66	296.20	1.1
29UL	Shepway	20.8	Q18	J	703	738.55	310.56	288.02	334.39	641	689.46	283.27	261.76	306.07	1.1
39UE	Shrewsbury and Atcham	15.7	Q26	F	942	749.63	409.99	384.22	437.03	877	699.79	381.84	356.98	407.97	1.1
00MD	Slough UA	20.9	Q16	J	968	1031.75	306.10	287.12	326.01	914	964.36	288.77	270.35	308.12	1.1
00CT	Solihull	16.4	Q27	F	1402	1531.91	298.59	283.17	314.64	1320	1430.82	281.08	266.12	296.67	1.1
09UE	South Bedfordshire	12.3	Q02	G	625	888.40	229.53	211.88	248.25	601	829.91	220.64	203.35	239.01	1.0
11UE	South Bucks	8.1	Q16	J	400	465.94	280.09	253.31	308.93	372	434.97	260.58	234.76	288.45	1.1
12UG	South Cambridgeshire	6.4	Q01	G	826	1039.56	259.24	241.86	277.54	794	970.43	249.29	232.25	267.25	1.0

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N/A	ALL ENGLAND				396287	396287.00	326.26	325.25	327.28	370077	370077.00	304.68	303.70	305.67	1.1
17UK	South Derbyshire	14.8	Q24	E	539	658.11	267.21	245.13	290.75	512	614.63	253.81	232.30	276.78	1.1
00HD	South Gloucestershire UA	9.8	Q20	K	1308	1946.27	219.27	207.54	231.48	1249	1817.69	209.36	197.91	221.30	1.0
18UG	South Hams	14.2	Q21	K	478	613.55	254.18	231.90	278.02	443	572.30	235.85	214.39	258.87	1.1
32UF	South Holland	15.3	Q24	E	482	580.00	271.14	247.47	296.46	447	540.88	251.80	228.99	276.26	1.1
32UG	South Kesteven	12.2	Q24	E	916	965.71	309.47	289.75	330.18	857	901.55	289.63	270.56	309.68	1.1
16UG	South Lakeland	12.0	Q13	B	745	751.25	323.55	300.73	347.64	700	700.35	304.53	282.38	327.95	1.1
33UH	South Norfolk	10.7	Q01	G	582	837.19	226.81	208.76	246.01	542	780.91	211.47	194.04	230.05	1.1
34UG	South Northamptonshire	6.6	Q25	E	447	632.27	230.66	209.77	253.07	411	590.36	212.12	192.10	233.65	1.1
38UD	South Oxfordshire	7.7	Q16	J	585	1000.04	190.86	175.70	206.97	544	933.73	177.51	162.91	193.08	1.1
30UN	South Ribble	14.0	Q13	B	1008	807.68	407.18	382.43	433.12	887	753.94	358.45	335.25	382.84	1.1
39UF	South Shropshire	15.5	Q26	F	248	299.15	270.48	237.86	306.32	234	278.95	255.58	223.88	290.52	1.1
40UD	South Somerset	13.7	Q22	K	1013	1172.12	281.97	264.87	299.88	933	1094.04	259.83	243.43	277.06	1.1
41UF	South Staffordshire	11.7	Q26	F	527	796.96	215.74	197.71	234.98	502	743.17	205.81	188.20	224.62	1.0
00CL	South Tyneside	33.1	Q09	A	1695	1180.37	468.51	446.47	491.36	1564	1102.16	432.35	411.19	454.32	1.1
00MS	Southampton UA	23.7	Q17	J	1978	1978.81	326.13	311.91	340.82	1828	1847.90	301.40	287.74	315.54	1.1
00KF	Southend-On-Sea UA	21.7	Q03	G	954	1255.16	247.98	232.49	264.23	883	1172.50	229.45	214.57	245.10	1.1
00BE	Southwark	35.4	Q07	H	2187	2212.07	322.56	309.19	336.37	2062	2065.97	304.10	291.11	317.51	1.1
43UH	Spelthorne	10.4	Q19	J	480	691.72	226.40	206.59	247.59	445	645.39	210.08	191.01	230.54	1.1
26UG	St. Albans	7.7	Q02	G	599	1024.46	190.76	175.79	206.67	569	956.68	181.21	166.63	196.73	1.1
42UF	St. Edmundsbury	11.5	Q01	G	677	782.68	282.21	261.35	304.29	639	730.58	266.49	246.22	287.98	1.1
00BZ	St. Helens	32.0	Q15	B	2224	1360.81	533.22	511.28	555.85	2066	1270.91	495.29	474.17	517.12	1.1
41UG	Stafford	12.9	Q26	F	605	948.78	208.05	191.79	225.30	567	884.91	195.22	179.48	211.97	1.1
41UH	Staffordshire Moorlands	16.5	Q26	F	416	710.83	190.94	173.03	210.20	397	662.67	182.53	165.02	201.40	1.0
26UH	Stevenage	15.6	Q02	G	722	649.21	362.84	336.86	390.30	680	606.98	341.34	316.16	367.99	1.1
00BS	Stockport	18.1	Q14	B	2533	2163.39	382.00	367.27	397.18	2347	2019.80	354.04	339.86	368.66	1.1
00EF	Stockton-On-Tees UA	26.3	Q10	A	2315	1465.66	515.33	494.54	536.76	2158	1369.48	480.11	460.07	500.81	1.1
00GL	Stoke-On-Trent UA	35.3	Q26	F	1680	1923.37	284.98	271.51	298.94	1608	1796.40	272.73	259.56	286.39	1.0
44UE	Stratford-On-Avon	8.8	Q28	F	788	837.28	307.06	285.99	329.27	730	780.80	284.86	264.57	306.30	1.1
23UF	Stroud	10.2	Q20	K	587	831.18	230.41	212.15	249.83	552	775.96	216.74	199.04	235.60	1.1
42UG	Suffolk Coastal	11.5	Q01	G	705	870.85	264.13	244.99	284.36	654	812.56	245.23	226.79	264.77	1.1
00CM	Sunderland	34.2	Q09	A	3775	2250.24	547.33	530.01	565.08	3451	2101.22	500.40	483.85	517.38	1.1
43UJ	Surrey Heath	4.9	Q19	J	452	628.10	234.79	213.64	257.47	432	586.57	224.39	203.73	246.59	1.0

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N/A	ALL ENGLAND				396287	396287.00	326.26	325.25 327.28	370077	370077.00	304.68	303.70 305.67	1.1
00BF	Sutton	13.3	Q08	H	1273	1443.17	287.79	272.20 304.05	1211	1348.24	273.67	258.47 289.53	1.1
29UM	Swale	20.9	Q18	J	879	982.70	291.83	272.85 311.78	814	918.16	270.12	251.88 289.33	1.1
00HX	Swindon UA	17.2	Q20	K	1252	1466.09	278.62	263.40 294.49	1166	1369.08	259.49	244.81 274.82	1.1
00BT	Tameside	29.8	Q14	B	2589	1672.93	504.92	485.65 524.75	2398	1562.85	467.50	448.97 486.59	1.1
41UK	Tamworth	19.7	Q26	F	466	597.53	254.44	231.86 278.63	444	558.40	242.26	220.25 265.88	1.0
43UK	Tandridge	8.3	Q19	J	429	594.52	235.43	213.67 258.79	398	555.03	218.48	197.54 241.04	1.1
40UE	Taunton Deane	16.3	Q22	K	760	795.40	311.74	289.97 334.71	723	742.57	296.65	275.42 319.09	1.1
20UH	Teesdale	16.4	Q10	A	141	188.73	243.74	205.17 287.46	128	175.99	221.60	184.87 263.49	1.1
18UH	Teignbridge	17.0	Q21	K	866	904.10	312.51	292.04 334.04	800	843.60	288.94	269.26 309.67	1.1
00GF	Telford and Wrekin UA	21.8	Q26	F	1479	1285.28	375.44	356.54 395.07	1386	1201.34	351.52	333.25 370.52	1.1
22UN	Tendring	23.1	Q03	G	660	1029.38	209.19	193.53 225.77	606	960.12	192.31	177.30 208.25	1.1
24UN	Test Valley	8.7	Q17	J	568	857.21	216.19	198.77 234.72	540	800.44	205.55	188.57 223.64	1.1
23UG	Tewkesbury	10.1	Q20	K	450	584.78	251.07	228.40 275.37	424	545.69	236.74	214.74 260.38	1.1
29UN	Thanet	25.6	Q18	J	1153	968.90	388.25	366.16 411.33	1069	905.29	359.78	338.53 382.01	1.1
26UJ	Three Rivers	9.4	Q02	G	453	642.37	230.08	209.38 252.28	419	599.82	212.84	192.94 234.22	1.1
00KG	Thurrock UA	21.2	Q03	G	809	1153.29	228.86	213.36 245.19	759	1077.97	214.53	199.53 230.35	1.1
29UP	Tonbridge and Malling	9.6	Q18	J	650	842.92	251.59	232.62 271.70	612	787.49	236.79	218.39 256.31	1.1
00HH	Torbay UA	23.7	Q21	K	1316	978.76	438.68	415.29 463.04	1211	913.18	404.05	381.61 427.46	1.1
18UK	Torridge	21.4	Q21	K	381	446.30	278.53	251.26 307.95	339	416.26	248.13	222.41 276.00	1.1
00BG	Tower Hamlets	45.9	Q06	H	1825	1902.78	312.93	298.73 327.62	1736	1779.31	297.27	283.45 311.59	1.1
00BU	Trafford	20.2	Q14	B	1649	1660.24	324.05	308.60 340.08	1559	1550.31	306.39	291.37 321.99	1.1
29UQ	Tunbridge Wells	10.5	Q18	J	750	803.47	304.55	283.14 327.15	708	750.40	287.47	266.68 309.45	1.1
35UF	Tynedale	15.5	Q09	A	407	440.13	301.70	273.10 332.49	375	410.45	278.37	250.90 308.02	1.1
22UQ	Uttlesford	6.7	Q03	G	372	541.41	224.17	201.97 248.15	353	505.45	212.79	191.16 236.18	1.1
38UE	Vale of White Horse	6.9	Q16	J	576	923.19	203.56	187.27 220.89	542	862.09	191.56	175.77 208.38	1.1
13UH	Vale Royal	17.1	Q15	B	869	942.86	300.70	281.04 321.38	804	880.30	278.27	259.37 298.19	1.1
00DB	Wakefield	29.1	Q12	D	2760	2457.86	366.37	352.83 380.30	2626	2294.77	348.66	335.45 362.26	1.1
00CU	Walsall	29.4	Q27	F	2325	1994.40	380.34	365.04 396.13	2191	1864.01	358.13	343.29 373.45	1.1
00BH	Waltham Forest	30.2	Q06	H	1648	1912.67	281.11	267.70 295.02	1559	1787.98	265.66	252.64 279.19	1.1
00BJ	Wandsworth	20.9	Q08	H	1902	2293.29	270.59	258.57 283.03	1812	2137.96	258.23	246.48 270.40	1.0
35UG	Wansbeck	30.5	Q09	A	601	469.91	417.28	384.58 452.01	557	438.45	387.06	355.58 420.58	1.1
00EU	Warrington UA	19.4	Q15	B	2729	1510.15	589.59	567.67 612.13	2513	1410.15	542.97	521.94 564.62	1.1

HES data 2000-2004: CIPS file v1Eng					Head injuries, all ages, Males										
					CIPS					People					
Label	Local authority	IMD 2004: Average Score	StHA	GOR	Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Obs.	Exp.	indirect rate per 100,000	95% Confidence interval		Ratio of spells to people
N/A	ALL ENGLAND				396287	396287.00	326.26	325.25	327.28	370077	370077.00	304.68	303.70	305.67	1.1
44UF	Warwick	12.6	Q28	F	1294	1047.65	402.98	381.32	425.55	1167	977.42	363.78	343.21	385.27	1.1
26UK	Watford	14.5	Q02	G	453	656.22	225.22	204.96	246.95	429	612.69	213.34	193.62	234.51	1.1
42UH	Waveney	21.8	Q01	G	770	853.33	294.40	273.97	315.95	698	796.56	266.98	247.54	287.55	1.1
43UL	Waverley	6.2	Q19	J	712	898.38	258.57	239.93	278.29	669	838.80	243.01	224.94	262.14	1.1
21UH	Wealden	9.4	Q19	J	786	1031.71	248.56	231.48	266.56	731	962.97	231.29	214.82	248.68	1.1
20UJ	Wear Valley	32.6	Q10	A	432	457.83	307.85	279.50	338.30	398	427.29	283.80	256.60	313.10	1.1
34UH	Wellingborough	17.5	Q25	E	487	579.01	274.41	250.58	299.90	429	540.88	241.66	219.33	265.65	1.1
26UL	Welwyn Hatfield	12.6	Q02	G	629	785.22	261.35	241.32	282.60	596	733.30	247.64	228.15	268.34	1.1
00MB	West Berkshire UA	7.9	Q16	J	682	1143.58	194.57	180.24	209.74	637	1067.76	181.77	167.92	196.45	1.1
18UL	West Devon	16.3	Q21	K	294	366.87	261.46	232.42	293.12	273	342.11	243.13	215.14	273.75	1.1
19UH	West Dorset	13.3	Q22	K	596	680.43	285.78	263.29	309.67	540	634.56	259.28	237.87	282.10	1.1
30UP	West Lancashire	21.1	Q13	B	1041	829.15	409.62	385.11	435.28	969	774.44	381.23	357.60	406.01	1.1
32UH	West Lindsey	17.7	Q24	E	641	610.27	342.69	316.67	370.28	606	569.47	324.23	298.93	351.10	1.1
38UF	West Oxfordshire	6.3	Q16	J	489	751.25	212.37	193.96	232.05	459	701.44	199.37	181.55	218.48	1.1
40UF	West Somerset	22.1	Q22	K	199	253.60	256.01	221.68	294.16	187	236.34	241.08	207.76	278.22	1.1
46UF	West Wiltshire	12.0	Q20	K	690	928.48	242.46	224.70	261.25	642	866.96	225.62	208.51	243.77	1.1
00BK	Westminster	31.7	Q04	H	1442	1824.46	257.87	244.73	271.53	1357	1699.22	243.32	230.54	256.62	1.1
19UJ	Weymouth and Portland	21.2	Q22	K	568	497.70	372.35	342.35	404.27	526	464.25	345.21	316.33	376.01	1.1
00BW	Wigan	29.3	Q14	B	2663	2380.26	365.02	351.28	379.15	2472	2222.58	338.87	325.65	352.50	1.1
24UP	Winchester	7.0	Q17	J	738	862.00	279.33	259.54	300.23	606	804.65	229.46	211.55	248.48	1.2
00ME	Windsor and Maidenhead UA	8.2	Q16	J	716	1071.40	218.04	202.36	234.61	675	1000.44	205.57	190.35	221.68	1.1
00CB	Wirral	30.1	Q15	B	4164	2376.08	571.76	554.53	589.40	3919	2219.77	537.92	521.21	555.03	1.1
43UM	Woking	7.3	Q19	J	556	705.19	257.24	236.30	279.54	524	658.50	242.45	222.13	264.13	1.1
00MF	Wokingham UA	5.1	Q16	J	657	1220.56	175.62	162.44	189.58	627	1139.90	167.59	154.73	181.24	1.0
00CW	Wolverhampton	32.2	Q27	F	1753	1951.39	293.09	279.53	307.14	1645	1823.24	274.90	261.77	288.51	1.1
47UE	Worcester	17.7	Q28	F	656	741.00	288.84	267.15	311.81	609	692.06	268.11	247.24	290.28	1.1
45UH	Worthing	15.7	Q19	J	692	742.85	303.93	281.70	327.44	651	693.35	286.07	264.52	308.92	1.1
47UF	Wychavon	11.3	Q28	F	604	862.32	228.53	210.66	247.50	561	804.39	212.49	195.27	230.83	1.1
11UF	Wycombe	9.7	Q16	J	1208	1283.12	307.16	290.08	324.98	1110	1198.79	282.12	265.76	299.21	1.1
30UQ	Wyre	17.8	Q13	B	663	787.05	274.84	254.31	296.58	590	734.30	244.81	225.45	265.38	1.1
47UG	Wyre Forest	17.8	Q28	F	551	750.80	239.44	219.86	260.29	522	700.54	227.03	207.97	247.37	1.1
00FF	York UA	14.5	Q11	D	1126	1449.43	253.46	238.87	268.71	1064	1352.41	239.71	225.52	254.56	1.1

Head injuries :

Spell-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Males

Local authority	95% Confidence interval		indirect rate per 100,000
Middlesbrough UA	657.06	711.92	684.08
Oldham	638.27	681.82	659.77
Liverpool	622.75	652.51	637.50
Preston	609.66	664.33	636.55
Knowsley	573.60	624.33	598.56
Warrington UA	567.67	612.13	589.59
Burnley	552.21	616.93	583.90
Restormel	548.89	611.99	579.80
Wirral	554.53	589.40	571.76
Penwith	531.76	610.78	570.24
Lincoln	522.00	584.89	552.77
Sunderland	530.01	565.08	547.33
Halton UA	515.94	570.18	542.55
Carrick	509.97	574.37	541.45
Blackburn with Darwen UA	513.97	562.30	537.73
Kerrier	506.50	568.26	536.72
Hartlepool UA	504.36	566.54	534.77
St. Helens	511.28	555.85	533.22
North East Lincolnshire UA	508.68	555.49	531.70
Salford	505.36	543.89	524.36
Copeland	485.16	555.11	519.25
Derwentside	487.96	551.69	519.09
Stockton-On-Tees UA	494.54	536.76	515.33
Tameside	485.65	524.75	504.92
Carlisle	475.57	533.02	503.68
Redcar and Cleveland UA	478.80	527.86	502.88
Easington	465.16	524.20	494.02
Hyndburn	462.26	524.26	492.53
Hastings	455.89	517.20	485.82
Barrow-In-Furness	452.72	519.91	485.44
Peterborough UA	455.26	498.55	476.54
Pendle	442.35	500.37	470.69
Kingston upon Hull, City of UA	453.89	487.67	470.55
South Tyneside	446.47	491.36	468.51
Gateshead	444.94	484.90	464.60
Bury	442.21	482.75	462.15
Scarborough	434.24	488.98	461.01
Barnsley	440.83	477.89	459.08
Mansfield	430.61	485.72	457.54
Manchester	444.93	469.51	457.10
Rossendale	421.47	488.96	454.28
Rochdale	434.57	471.81	452.90
Portsmouth UA	429.11	466.48	447.50
Derby UA	429.90	464.25	446.82
Sefton	428.34	460.91	444.40
Darlington UA	414.72	469.45	441.45
Richmondshire	405.31	477.24	440.17
Torbay UA	415.29	463.04	438.68
Doncaster	422.62	453.94	438.07
Havant	401.57	451.10	425.80
Allerdale	397.82	453.07	424.77
Chorley	394.68	446.60	420.04
Chester-Le-Street	383.96	456.63	419.12
Wansbeck	384.58	452.01	417.28
Calderdale	397.54	435.05	415.98
Nottingham UA	397.64	426.75	412.00
Rotherham	394.73	427.46	410.85

Head injuries :

**Spell-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Males**

Local authority	95% Confidence interval		indirect rate per 100,000
Shrewsbury and Atcham	384.22	437.03	409.99
West Lancashire	385.11	435.28	409.62
South Ribble	382.43	433.12	407.18
North Tyneside	386.68	424.38	405.20
Ashfield	380.21	429.02	404.06
Chichester	378.16	429.18	403.06
Warwick	381.32	425.55	402.98
Leeds	393.60	412.20	402.82
North Devon	375.09	430.64	402.15
Bradford	382.83	405.38	393.98
Blyth Valley	366.14	422.60	393.62
Leicester UA	376.48	404.93	390.51
Bolton	373.56	404.20	388.65
Thanet	366.16	411.33	388.25
Lancaster	365.33	407.83	386.14
Newcastle upon Tyne	370.31	399.87	384.88
Poole UA	361.65	404.91	382.82
Plymouth UA	366.98	398.24	382.37
North Cornwall	354.73	411.32	382.24
Stockport	367.27	397.18	382.00
Norwich	359.81	403.05	380.97
Walsall	365.04	396.13	380.34
Hackney	363.31	396.13	379.45
Exeter	356.20	401.21	378.20
Durham	352.71	403.66	377.54
Telford and Wrekin UA	356.54	395.07	375.44
Gosport	347.78	403.39	374.81
Birmingham	366.75	381.74	374.19
Berwick-upon-Tweed	324.82	426.36	373.02
Weymouth and Portland	342.35	404.27	372.35
Blackpool UA	349.12	390.79	369.52
Islington	350.91	386.02	368.15
Sedgefield	342.13	395.04	367.87
Wakefield	352.83	380.30	366.37
Cheltenham	343.42	389.25	365.79
Wigan	351.28	379.15	365.02
Ipswich	343.43	387.53	364.98
Stevenage	336.86	390.30	362.84
Bassetlaw	339.74	386.60	362.60
Hambleton	336.33	390.01	362.43
Gloucester	338.47	383.96	360.68
Corby	325.49	391.37	357.30
Bolsover	329.11	386.20	356.80
Chesterfield	332.72	381.55	356.51
Crewe and Nantwich	330.01	375.50	352.20
Macclesfield	329.97	369.85	349.49
Sandwell	333.68	361.46	347.36
Camden	330.07	361.59	345.56
West Lindsey	316.67	370.28	342.69
Kings Lynn and West Norfolk	322.23	363.38	342.34
Arun	322.12	362.96	342.08
Ellesmere Port and Neston	315.22	367.91	340.80
Harrogate	321.91	360.34	340.72
Eastbourne	315.80	366.06	340.24
Salisbury	316.87	360.64	338.22
Alnwick	295.57	382.48	336.94
Northampton	319.32	351.93	335.32

Head injuries :

Spell-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Males

Local authority	95% Confidence interval		indirect rate per 100,000
Mid Devon	305.03	361.29	332.27
North Lincolnshire UA	313.33	351.18	331.85
Boston	298.55	361.11	328.72
Hammersmith and Fulham	311.28	345.05	327.84
Dover	304.54	350.10	326.72
Southampton UA	311.91	340.82	326.13
Trafford	308.60	340.08	324.05
South Lakeland	300.73	347.64	323.55
Lambeth	309.85	335.94	322.69
Southwark	309.19	336.37	322.56
North Kesteven	299.07	346.45	322.11
Newark and Sherwood	299.69	344.40	321.46
Great Yarmouth	296.56	345.14	320.16
Cambridge	300.06	339.11	319.14
Harlow	292.79	343.72	317.49
Coventry	304.46	329.22	316.66
Bournemouth UA	298.88	333.85	316.00
Tower Hamlets	298.73	327.62	312.93
Teignbridge	292.04	334.04	312.51
Taunton Deane	289.97	334.71	311.74
Kirklees	300.37	322.82	311.44
Medway UA	297.71	325.57	311.41
Shepway	288.02	334.39	310.56
South Kesteven	289.75	330.18	309.47
Ribble Valley	279.57	341.47	309.36
Sheffield	298.97	318.19	308.47
Wear Valley	279.50	338.30	307.85
Fenland	283.50	333.07	307.54
Wycombe	290.08	324.98	307.16
Stratford-On-Avon	285.99	329.27	307.06
Slough UA	287.12	326.01	306.10
Gedling	284.18	327.13	305.09
Erewash	283.88	326.60	304.68
Tunbridge Wells	283.14	327.15	304.55
Worthing	281.70	327.44	303.93
Purbeck	270.73	339.21	303.53
East Lindsey	284.13	323.82	303.49
Herefordshire, County of UA	285.90	320.01	302.60
Tynedale	273.10	332.49	301.70
Lewisham	288.39	315.23	301.58
Vale Royal	281.04	321.38	300.70
Amber Valley	278.51	319.84	298.64
Solihull	283.17	314.64	298.59
Rother	272.62	322.36	296.71
Rugby	273.35	320.02	296.00
Craven	265.13	327.07	294.89
North Shropshire	266.88	324.44	294.61
Waveney	273.97	315.95	294.40
Wolverhampton	279.53	307.14	293.09
Chester	272.52	313.05	292.26
Swale	272.85	311.78	291.83
Canterbury	273.81	310.50	291.72
High Peak	267.80	314.09	290.25
East Staffordshire	268.96	311.57	289.68
Worcester	267.15	311.81	288.84
Sutton	272.20	304.05	287.79
Rushmoor	265.73	309.39	286.94

Head injuries :

Spell-based rate per 100 000 population for each Local Authority
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Local authority	95% Confidence interval		indirect rate per 100,000
Basingstoke and Deane	269.58	304.15	286.48
Bristol, City of UA	275.66	296.54	285.95
West Dorset	263.29	309.67	285.78
Eden	255.52	317.91	285.44
Cotswold	261.69	310.55	285.34
Bath and North East Somerset	269.26	301.86	285.21
Hillingdon	271.87	298.57	284.98
Stoke-On-Trent UA	271.51	298.94	284.98
Gravesham	262.59	306.67	283.99
Guildford	265.66	302.41	283.59
Blaby	261.02	306.02	282.85
Castle Morpeth	252.71	314.95	282.55
St. Edmundsbury	261.35	304.29	282.21
South Somerset	264.87	299.88	281.97
Waltham Forest	267.70	295.02	281.11
Nuneaton and Bedworth	261.90	301.05	280.96
South Bucks	253.31	308.93	280.09
Fareham	259.89	301.35	280.04
Congleton	258.01	303.42	280.02
Winchester	259.54	300.23	279.33
Redditch	256.26	303.57	279.17
Milton Keynes UA	265.27	293.32	279.03
Swindon UA	263.40	294.49	278.62
Torridge	251.26	307.95	278.53
Bridgnorth	249.78	307.78	277.65
Broxtowe	257.64	298.71	277.61
Newham	264.11	288.88	276.29
Wyre	254.31	296.58	274.84
North Dorset	249.18	301.87	274.58
Wellingborough	250.58	299.90	274.41
Isle of Wight UA	254.57	291.78	272.70
Cherwell	254.54	290.72	272.18
South Holland	247.47	296.46	271.14
Oadby and Wigston	243.91	300.02	270.88
Wandsworth	258.57	283.03	270.59
South Shropshire	237.86	306.32	270.48
Brighton and Hove UA	256.40	282.25	269.09
Aylesbury Vale	253.33	285.40	269.01
South Derbyshire	245.13	290.75	267.21
North West Leicestershire	244.77	289.87	266.61
Derbyshire Dales	239.80	291.11	264.52
Suffolk Coastal	244.99	284.36	264.13
Ealing	252.72	275.28	263.82
New Forest	247.50	280.13	263.44
Chiltern	241.15	286.04	262.88
Dartford	240.92	285.09	262.31
Reading UA	246.51	278.81	262.29
Ryedale	233.67	293.21	262.18
Dudley	249.93	273.60	261.56
West Devon	232.42	293.12	261.46
Welwyn Hatfield	241.32	282.60	261.35
Selby	237.54	285.40	260.65
Crawley	240.47	280.74	260.02
Sedgemoor	240.04	280.47	259.67
South Cambridgeshire	241.86	277.54	259.24
Oxford	243.66	275.50	259.22
Greenwich	245.95	272.60	259.01

Head injuries :

Spell-based rate per 100 000 population for each Local Authority
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Local authority	95% Confidence interval		indirect rate per 100,000
North East Derbyshire	238.36	280.90	258.98
East Riding of Yorkshire UA	247.34	270.78	258.86
Ashford	239.10	279.47	258.69
East Hampshire	239.61	278.83	258.66
Waverley	239.93	278.29	258.57
Barking and Dagenham	242.87	273.96	258.06
Westminster	244.73	271.53	257.87
Rushcliffe	238.03	277.95	257.41
Breckland	239.20	276.41	257.30
Woking	236.30	279.54	257.24
Adur	231.04	285.45	257.17
Huntingdonshire	241.24	273.54	257.01
Hounslow	243.82	270.46	256.88
North Hertfordshire	238.14	276.04	256.57
West Somerset	221.68	294.16	256.01
Basildon	240.12	271.63	255.51
Tamworth	231.86	278.63	254.44
North Somerset UA	239.63	269.61	254.29
South Hams	231.90	278.02	254.18
Melton	225.44	285.36	254.09
Reigate and Banstead	236.01	272.23	253.64
York UA	238.87	268.71	253.46
Christchurch	223.21	286.59	253.43
Charnwood	237.76	269.28	253.15
Epsom and Ewell	228.53	278.51	252.60
North Norfolk	231.61	274.04	252.16
Tonbridge and Malling	232.62	271.70	251.59
Tewkesbury	228.40	275.37	251.07
Luton UA	236.24	264.49	250.07
East Devon	231.72	268.85	249.77
Caradon	226.57	272.71	248.84
Broadland	230.24	268.11	248.64
Wealden	231.48	266.56	248.56
Southend-On-Sea UA	232.49	264.23	247.98
Mole Valley	223.98	269.76	246.08
Dacorum	227.34	261.19	243.82
Teesdale	205.17	287.46	243.74
Merton	230.02	257.89	243.66
Haringey	231.11	256.42	243.52
Forest Heath	219.67	269.17	243.48
West Wiltshire	224.70	261.25	242.46
Oswestry	209.51	275.00	240.60
East Cambridgeshire	217.65	263.67	239.83
Wyre Forest	219.86	260.29	239.44
Kennet	216.33	261.04	237.90
Mendip	217.05	255.60	235.74
East Dorset	214.00	258.56	235.49
Tandridge	213.67	258.79	235.43
Surrey Heath	213.64	257.47	234.79
Bromley	223.01	245.78	234.19
Forest of Dean	212.68	257.25	234.18
Mid Suffolk	212.80	254.83	233.10
Sevenoaks	214.30	252.23	232.69
Fylde	209.54	256.07	231.93
Rutland UA	201.26	265.22	231.60
Croydon	220.95	241.63	231.12
South Northamptonshire	209.77	253.07	230.66

Head injuries :

Spell-based rate per 100 000 population for each Local Authority
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Local authority	95% Confidence interval		indirect rate per 100,000
Stroud	212.15	249.83	230.41
Three Rivers	209.38	252.28	230.08
Bracknell Forest UA	212.54	248.40	229.95
South Bedfordshire	211.88	248.25	229.53
Thurrock UA	213.36	245.19	228.86
Wychavon	210.66	247.50	228.53
Babergh	207.71	250.74	228.47
Newcastle-under-Lyme	211.40	246.36	228.38
South Norfolk	208.76	246.01	226.81
Spelthorne	206.59	247.59	226.40
Watford	204.96	246.95	225.22
Bedford	210.06	240.96	225.11
Eastleigh	207.78	243.29	225.01
Uttlesford	201.97	248.15	224.17
Daventry	201.62	246.14	223.05
Harborough	200.50	244.10	221.50
Richmond upon Thames	206.64	234.79	220.38
Cannock Chase	201.28	240.59	220.28
Hertsmere	200.31	239.61	219.30
South Gloucestershire UA	207.54	231.48	219.27
Bromsgrove	198.61	239.36	218.27
Windsor and Maidenhead UA	202.36	234.61	218.04
Bexley	204.19	229.54	216.59
Hinckley and Bosworth	198.02	235.89	216.34
Test Valley	198.77	234.72	216.19
Broxbourne	196.55	236.93	216.04
South Staffordshire	197.71	234.98	215.74
Kingston upon Thames	200.38	229.81	214.72
Epping Forest	196.55	230.89	213.20
West Oxfordshire	193.96	232.05	212.37
Hart	192.82	232.67	212.05
Castle Point	191.89	232.51	211.47
Lewes	192.09	231.59	211.15
Maidstone	195.68	226.94	210.88
North Warwickshire	187.71	235.63	210.65
Malvern Hills	188.35	232.85	209.72
Kettering	189.95	230.54	209.51
Kensington and Chelsea	195.68	223.67	209.32
Tendring	193.53	225.77	209.19
North Wiltshire	193.26	226.03	209.17
Stafford	191.79	225.30	208.05
Enfield	196.50	218.00	207.04
Redbridge	195.12	217.92	206.28
Colchester	190.59	218.97	204.41
Chelmsford	189.58	218.43	203.62
Vale of White Horse	187.27	220.89	203.56
Havering	191.52	215.95	203.46
Mid Bedfordshire	186.82	219.34	202.59
Maldon	179.03	226.72	201.83
Braintree	185.21	216.40	200.35
East Hertfordshire	184.52	216.30	199.94
Runnymede	180.29	221.09	199.92
Elmbridge	182.02	214.48	197.75
Mid Sussex	181.38	213.48	196.94
Barnet	186.46	205.93	196.01
Lichfield	177.52	215.25	195.70
West Berkshire UA	180.24	209.74	194.57

Head injuries :

Spell-based rate per 100 000 population for each Local Authority

sorted from highest to lowest, Males

Local authority	95% Confidence interval		indirect rate per 100,000
East Northamptonshire	174.35	214.58	193.69
Staffordshire Moorlands	173.03	210.20	190.94
South Oxfordshire	175.70	206.97	190.86
St. Albans	175.79	206.67	190.76
Brent	174.08	194.23	183.94
Horsham	168.29	200.01	183.64
Wokingham UA	162.44	189.58	175.62
Rochford	150.05	188.28	168.36
Brentwood	148.64	189.30	168.05
Harrow	138.39	159.29	148.57

Head injuries :

**Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Males**

Local authority	95% Confidence interval		indirect rate per 100,000
Middlesborough UA	622.01	675.39	648.29
Oldham	585.17	626.86	605.75
Liverpool	577.11	605.76	591.30
Knowsley	533.81	582.76	557.88
Preston	521.91	572.59	546.81
Warrington UA	521.94	564.62	542.97
Burnley	508.62	570.78	539.03
Wirral	521.21	555.03	537.92
Restormel	500.83	561.23	530.39
Penwith	482.36	557.83	519.07
Lincoln	478.59	538.89	508.07
Carrick	472.77	534.90	503.12
Halton UA	475.24	527.34	500.78
Sunderland	483.85	517.38	500.40
North East Lincolnshire UA	478.02	523.43	500.34
Hartlepool UA	470.74	530.87	500.13
Kerrier	470.07	529.67	499.20
St. Helens	474.17	517.12	495.29
Salford	473.73	511.06	492.13
Blackburn with Darwen UA	468.74	514.89	491.41
Derwentside	458.19	520.05	488.38
Stockton-On-Tees UA	460.07	500.81	480.11
Redcar and Cleveland UA	454.51	502.35	477.98
Tameside	448.97	486.59	467.50
Easington	432.68	489.70	460.53
Barrow-In-Furness	428.06	493.47	459.90
Copeland	427.35	493.20	459.39
Hyndburn	427.34	487.00	456.44
Carlisle	426.22	480.74	452.86
Peterborough UA	426.74	468.68	447.34
Kingston upon Hull, City of UA	427.55	460.35	443.72
Hastings	412.57	471.00	441.06
South Tyneside	411.19	454.32	432.35
Gateshead	413.12	451.67	432.07
Scarborough	405.19	458.17	431.07
Manchester	418.48	442.32	430.27
Bury	410.28	449.36	429.49
Pendle	400.67	455.96	427.65
Barnsley	407.49	443.16	425.05
Mansfield	396.81	449.80	422.69
Rossendale	388.59	453.49	420.10
Rochdale	401.47	437.27	419.08
Richmondshire	384.29	454.40	418.25
Sefton	398.59	430.04	414.09
Darlington UA	387.83	440.84	413.70
Portsmouth UA	391.70	427.45	409.29
Derby UA	392.92	425.79	409.10
Doncaster	391.80	421.98	406.68
Torbay UA	381.61	427.46	404.05
Havant	371.18	418.88	394.49
Calderdale	373.99	410.39	391.87
Nottingham UA	375.49	403.78	389.44
Wansbeck	355.58	420.58	387.06
Chester-Le-Street	352.92	422.78	386.67
Allerdale	359.99	412.69	385.67
Shrewsbury and Atcham	356.98	407.97	381.84
Leeds	372.30	390.40	381.27

Head injuries :

Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Males

Local authority	95% Confidence interval		indirect rate per 100,000
West Lancashire	357.60	406.01	381.23
Rotherham	365.38	396.90	380.90
North Tyneside	361.40	397.89	379.32
Ashfield	353.94	401.10	376.96
North Devon	344.12	397.45	370.07
Chorley	344.86	393.55	368.60
Bradford	356.60	378.36	367.36
Newcastle upon Tyne	349.65	378.39	363.81
Warwick	343.21	385.27	363.78
Leicester UA	349.71	377.13	363.22
Poole UA	342.48	384.65	363.11
Hackney	344.62	376.58	360.34
Bolton	345.54	375.03	360.06
Thanet	338.53	382.01	359.78
South Ribble	335.25	382.84	358.45
Walsall	343.29	373.45	358.13
Blyth Valley	331.37	385.21	357.53
Plymouth UA	341.97	372.17	356.83
Durham	331.41	380.89	355.50
Norwich	333.77	375.48	354.16
Stockport	339.86	368.66	354.04
Lancaster	332.06	372.64	351.91
Exeter	330.38	373.80	351.59
Telford and Wrekin UA	333.25	370.52	351.52
Birmingham	343.52	358.02	350.71
Wakefield	335.45	362.26	348.66
North Cornwall	320.53	374.47	346.71
Weymouth and Portland	316.33	376.01	345.21
Gosport	318.26	371.55	344.13
Ipswich	322.72	365.52	343.62
Islington	325.74	359.62	342.37
Sedgefield	316.89	367.90	341.68
Stevenage	316.16	367.99	341.34
Cheltenham	318.71	362.94	340.29
Berwick-upon-Tweed	293.15	390.15	339.07
Wigan	325.65	352.50	338.87
Hambleton	312.74	364.63	337.94
Gloucester	314.39	358.29	335.80
Bassetlaw	312.21	357.22	334.15
Blackpool UA	313.93	353.54	333.29
Chesterfield	310.19	357.43	333.18
Bolsover	306.34	361.53	333.08
Crewe and Nantwich	310.06	354.21	331.58
Macclesfield	309.07	347.73	327.97
Sandwell	311.69	338.55	324.91
West Lindsey	298.93	351.10	324.23
Ellesmere Port and Neston	299.17	350.57	324.11
Kings Lynn and West Norfolk	304.45	344.52	324.02
Eastbourne	299.52	348.54	323.34
Corby	292.91	355.58	323.11
Camden	305.70	336.09	320.63
Salisbury	295.96	338.34	316.62
North Lincolnshire UA	298.12	335.08	316.20
Harrogate	296.98	333.96	315.07
Boston	282.98	344.02	312.39
Northampton	296.51	327.96	311.93
Arun	292.80	331.83	311.86

Head injuries :**Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Males**

Local authority	95% Confidence interval		indirect rate per 100,000
Hammersmith and Fulham	293.45	326.30	309.55
Alnwick	269.65	353.05	309.26
Dover	284.97	329.10	306.44
Trafford	291.37	321.99	306.39
Newark and Sherwood	284.84	328.48	306.08
Mid Devon	279.05	333.00	305.13
North Kesteven	282.55	328.68	304.97
Cambridge	286.08	324.26	304.73
South Lakeland	282.38	327.95	304.53
Southwark	291.11	317.51	304.10
Lambeth	290.56	315.85	303.01
Southampton UA	287.74	315.54	301.40
Chichester	279.76	323.95	301.25
Harlow	277.07	326.65	301.10
Bournemouth UA	283.00	317.08	299.68
Coventry	286.86	310.90	298.70
Tower Hamlets	283.45	311.59	297.27
Taunton Deane	275.42	319.09	296.65
Gedling	274.03	316.26	294.58
Kirklees	279.21	300.87	289.89
South Kesteven	270.56	309.68	289.63
Fenland	266.08	314.21	289.40
Great Yarmouth	266.91	313.13	289.33
Teignbridge	269.26	309.67	288.94
Lewisham	275.94	302.21	288.85
Slough UA	270.35	308.12	288.77
Medway UA	275.50	302.31	288.67
Tunbridge Wells	266.68	309.45	287.47
Erewash	266.95	308.44	287.13
Sheffield	277.66	296.20	286.82
Worthing	264.52	308.92	286.07
Purbeck	253.56	320.04	285.36
Stratford-On-Avon	264.57	306.30	284.86
East Lindsey	265.63	304.09	284.37
Wear Valley	256.60	313.10	283.80
Ribble Valley	255.16	314.50	283.67
Shepway	261.76	306.07	283.27
Herefordshire, County of UA	266.01	298.97	282.13
Wycombe	265.76	299.21	282.12
Solihull	266.12	296.67	281.08
Canterbury	260.92	296.77	278.41
Tynedale	250.90	308.02	278.37
Vale Royal	259.37	298.19	278.27
North Shropshire	250.71	306.62	277.62
Amber Valley	257.92	297.78	277.32
Rugby	255.35	300.54	277.26
Chester	257.16	296.59	276.35
Wolverhampton	261.77	288.51	274.90
Craven	245.93	305.78	274.64
Sutton	258.47	289.53	273.67
East Staffordshire	253.51	294.93	273.64
Rother	250.07	297.85	273.18
Stoke-On-Trent UA	259.56	286.39	272.73
Blaby	251.05	295.23	272.47
High Peak	250.29	295.13	272.02
Swale	251.88	289.33	270.12
Congleton	247.89	292.47	269.49

Head injuries :

Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Males

Local authority	95% Confidence interval		indirect rate per 100,000
Guildford	251.34	287.13	268.78
Worcester	247.24	290.28	268.11
Bristol, City of UA	258.01	278.23	267.98
Bath and North East Somerset	252.46	284.07	267.92
Castle Morpeth	238.41	299.06	267.45
Rushmoor	246.82	288.96	267.27
Waveney	247.54	287.55	266.98
St. Edmundsbury	246.22	287.98	266.49
Hillingdon	253.14	278.93	265.80
Redditch	243.44	289.60	265.77
Waltham Forest	252.64	279.19	265.66
Gravesham	244.86	287.49	265.54
Eden	236.38	296.61	265.22
Broxtowe	244.46	284.54	263.93
Cotswold	241.04	288.06	263.76
Fareham	243.06	283.22	262.56
Basingstoke and Deane	245.98	279.06	262.13
Milton Keynes UA	247.58	274.69	260.87
Newham	248.87	272.90	260.68
South Bucks	234.76	288.45	260.58
Bridgnorth	233.42	289.65	260.40
South Somerset	243.43	277.06	259.83
Swindon UA	244.81	274.82	259.49
Nuneaton and Bedworth	241.01	278.64	259.32
West Dorset	237.87	282.10	259.28
Wandsworth	246.48	270.40	258.23
Brighton and Hove UA	245.56	270.90	258.00
Aylesbury Vale	240.60	271.88	255.88
South Shropshire	223.88	290.52	255.58
North Dorset	230.88	281.72	255.35
Oadby and Wigston	227.83	282.18	253.92
South Derbyshire	232.30	276.78	253.81
Ryedale	225.13	283.69	253.15
Cherwell	235.50	270.35	252.48
South Holland	228.99	276.26	251.80
Isle of Wight UA	234.15	269.93	251.57
North West Leicestershire	230.00	273.80	251.19
Reading UA	233.99	265.50	249.37
South Cambridgeshire	232.25	267.25	249.29
Dartford	228.09	271.13	248.92
Torridge	222.41	276.00	248.13
Selby	225.40	272.10	247.93
Welwyn Hatfield	228.15	268.34	247.64
Rushcliffe	228.29	267.44	247.28
East Riding of Yorkshire UA	235.61	258.51	246.86
Chiltern	225.76	269.27	246.80
Greenwich	233.50	259.47	246.23
Derbyshire Dales	222.19	271.74	246.03
Suffolk Coastal	226.79	264.77	245.23
Dudley	233.97	256.89	245.23
Ealing	234.43	256.19	245.13
Wyre	225.45	265.38	244.81
North Hertfordshire	226.49	263.49	244.47
Sedgemoor	224.74	263.93	243.74
Westminster	230.54	256.62	243.32
West Devon	215.14	273.75	243.13
Waverley	224.94	262.14	243.01

Head injuries :

Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Males

Local authority	95% Confidence interval		indirect rate per 100,000
Ashford	223.93	263.05	242.90
North East Derbyshire	222.87	264.11	242.84
Huntingdonshire	227.34	258.73	242.66
Woking	222.13	264.13	242.45
Tamworth	220.25	265.88	242.26
Barking and Dagenham	227.25	257.34	241.94
Wellingborough	219.33	265.65	241.66
Crawley	222.82	261.64	241.64
Adur	215.92	268.65	241.21
West Somerset	207.76	278.22	241.08
Breckland	222.82	258.81	240.31
York UA	225.52	254.56	239.71
Oxford	224.30	254.91	239.24
Reigate and Banstead	221.75	256.91	238.84
Charnwood	223.64	254.25	238.58
Epsom and Ewell	214.93	263.50	238.29
Hounslow	224.93	250.55	237.48
North Somerset UA	223.32	252.30	237.48
East Hampshire	218.84	256.40	237.06
Basildon	222.11	252.44	236.91
Tonbridge and Malling	218.39	256.31	236.79
Tewkesbury	214.74	260.38	236.74
Melton	208.79	266.65	236.40
South Hams	214.39	258.87	235.85
Caradon	213.36	258.25	235.01
Luton UA	220.77	248.09	234.13
Christchurch	204.87	265.84	233.88
East Cambridgeshire	211.85	257.30	233.75
Merton	219.58	246.83	232.90
North Norfolk	212.96	253.79	232.71
East Devon	214.43	250.25	231.82
Broadland	213.94	250.53	231.69
Wealden	214.82	248.68	231.29
Oswestry	200.18	264.33	230.59
Haringey	217.71	242.30	229.76
Winchester	211.55	248.48	229.46
Southend-On-Sea UA	214.57	245.10	229.45
Dacorum	213.14	245.96	229.11
New Forest	213.41	243.82	228.24
Mole Valley	206.62	250.71	227.87
Kennet	206.65	250.40	227.74
Forest Heath	204.47	252.32	227.45
Wyre Forest	207.97	247.37	227.03
West Wiltshire	208.51	243.77	225.62
Surrey Heath	203.73	246.59	224.39
East Dorset	202.64	246.12	223.59
Sevenoaks	204.15	241.22	222.11
Bromley	211.22	233.40	222.10
Teesdale	184.87	263.49	221.60
South Bedfordshire	203.35	239.01	220.64
Babergh	199.97	242.25	220.35
Forest of Dean	197.92	241.02	218.68
Newcastle-under-Lyme	202.02	236.24	218.63
Tandridge	197.54	241.04	218.48
Rutland UA	187.92	249.92	217.28
Bracknell Forest UA	200.08	234.91	216.97
Mid Suffolk	197.27	237.84	216.85

Head injuries :

Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Males

Local authority	95% Confidence interval		indirect rate per 100,000
Stroud	199.04	235.60	216.74
Mendip	198.58	235.55	216.48
Thurrock UA	199.53	230.35	214.53
Croydon	204.63	224.53	214.41
Watford	193.62	234.51	213.34
Three Rivers	192.94	234.22	212.84
Bedford	198.20	228.26	212.83
Uttlesford	191.16	236.18	212.79
Wychavon	195.27	230.83	212.49
South Northamptonshire	192.10	233.65	212.12
South Norfolk	194.04	230.05	211.47
Bromsgrove	191.43	231.49	210.75
Fylde	189.11	233.50	210.43
Spelthorne	191.01	230.54	210.08
Cannock Chase	191.44	229.83	209.98
South Gloucestershire UA	197.91	221.30	209.36
Daventry	188.20	231.31	208.93
Harborough	188.16	230.49	208.52
Broxbourne	188.75	228.35	207.84
Hertsmere	189.15	227.40	207.62
Richmond upon Thames	192.98	220.23	206.27
Eastleigh	189.61	223.61	206.08
Bexley	193.96	218.69	206.04
South Staffordshire	188.20	224.62	205.81
Windsor and Maidenhead UA	190.35	221.68	205.57
Test Valley	188.57	223.64	205.55
Kingston upon Thames	191.49	220.30	205.52
Hinckley and Bosworth	183.30	219.84	200.95
Lewes	182.33	220.88	200.92
Malvern Hills	178.96	222.44	199.81
Kensington and Chelsea	186.33	213.70	199.67
West Oxfordshire	181.55	218.48	199.37
Hart	180.60	219.25	199.22
Epping Forest	183.07	216.28	199.16
Maidstone	183.49	213.82	198.22
North Wiltshire	182.22	214.09	197.68
Enfield	186.61	207.58	196.89
North Warwickshire	174.22	220.53	196.36
Stafford	179.48	211.97	195.22
Redbridge	183.84	205.98	194.67
Castle Point	175.04	213.96	193.77
Mid Bedfordshire	178.19	209.99	193.61
Chelmsford	179.08	207.16	192.74
Havering	180.97	204.74	192.58
Colchester	178.92	206.45	192.31
Tendring	177.30	208.25	192.31
East Hertfordshire	176.81	207.95	191.91
Vale of White Horse	175.77	208.38	191.56
Braintree	176.55	207.04	191.34
Elmbridge	175.84	207.77	191.31
Kettering	171.90	210.63	190.53
Maldon	167.01	213.19	189.05
Runnymede	169.94	209.64	189.01
Mid Sussex	172.75	204.11	187.94
Barnet	178.17	197.21	187.51
Lichfield	168.89	205.77	186.65
Staffordshire Moorlands	165.02	201.40	182.53

Head injuries :

**Person-based rate per 100 000 population for each Local Authority
sorted from highest to lowest, Males**

Local authority	95% Confidence interval		indirect rate per 100,000
West Berkshire UA	167.92	196.45	181.77
St. Albans	166.63	196.73	181.21
East Northamptonshire	160.77	199.50	179.35
South Oxfordshire	162.91	193.08	177.51
Horsham	158.31	189.13	173.21
Brent	162.39	181.88	171.93
Wokingham UA	154.73	181.24	167.59
Brentwood	142.33	182.20	161.35
Rochford	142.34	179.66	160.19
Harrow	130.59	150.91	140.47