

Psychosis Prevalence and Hospital Admission Rates: GP Practice and Neighbourhood Contrasts

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1. Background

1.1 The care of the seriously mentally ill whether in the community or in hospital is costly and an important component of effective management of long term conditions. Of the ten long term conditions in the NHS disease management information toolkit (DMIT), four were four mental health conditions: bipolar affective disorders, dementia, depression and schizophrenia.

1.2 This report focuses on psychotic conditions, namely schizophrenia and bipolar affective disorders, as these are more likely to result in hospitalization, and vary considerably in the way they affect individual GP practices and neighbourhoods, and in the implied disease burden. Primary and community care management of such conditions is an important aspect of overall management of long term conditions, for example in terms of reducing avoidable emergency admissions. Both conditions are included in the NHS Outcomes Framework 2011/12.

1.3 Prescribing costs for these two conditions account for 3.7% of total prescribing costs in Outer NE London (Q1, 2011-12), compared to 3.4% across England. For the constituent PCTs, the range in this proportion is quite wide, from 2.7% of all prescribing costs in Havering, to 4.6% in Waltham Forest. For the other PCTs, the comparable percents are 3.7% (Redbridge) and 3.9% (Barking & Dagenham).

1.4 As a patient category, psychotic patients generate comparatively high hospitalization rates. For example, the DMIT data show 144 emergency bed days (EBDs) per 100 people on the QOF mental health register in Barking and Dagenham, and 285 EBDs per 100 on the register in Waltham Forest.

1.5 Moreover compared to other diagnoses, England data (2010-11) show admitted patients with psychotic conditions are more likely to be emergency admissions, and have much above average lengths of stay (Table 1). Within ONEL (Tables 2 and 3), 63% of admitted patients with all psychotic conditions are emergencies, 56% among schizophrenic patients, and 70% among bipolar patients. This compares to a 43% rate of emergency admission across all diagnoses.

1.6 While bipolar conditions are more likely to be emergencies (Table 2), higher average lengths of stay characterize schizophrenia admissions in Outer NE London (Table 3). The average length of stay for all psychotic patients is 47 days, and 72 days for schizophrenic patients, compared to an average stay of 5 days for all conditions.

1.7 Comparisons across England for psychotic hospitalizations can be made using the National Comparators. However, these data (relating to patients within mental health specialties and with Programme Budget Category 5C) only cover a subset (around 40%) of patients with psychotic conditions as the main diagnosis, as can be seen by comparing Tables 1 and 4. On the basis of the NHS Comparator data (Table 4), three of the four PCTs in Outer NE London have higher than expected hospitalization rates for psychotic conditions, the exception being Havering.

2. Comparative Psychotic Prevalence and Admission Rates between GP Practices

2.1 According to NICE reports, schizophrenia affects around 400,000 people in England¹, and bipolar disorder about 550,000 people². Rates for males and females are similar for schizophrenia and bipolar disorder, though the age of onset tends to be lower in males. There is an increased incidence among black and ethnic minority groups^{3,4}. Rates for psychotic conditions (especially schizophrenia) are higher in urban areas, especially inner city areas⁴, and higher in deprived neighbourhoods.

2.2 Not all cases of psychosis will be registered with and/or in receipt of treatment from GPs, possibly because of differences in access to care or effectiveness of case-finding. For example, NICE clinical guidelines⁵ mention delayed access to mental health services in early schizophrenia.

2.3 The most recent QOF data show around 440,000 patients across all of England with psychotic conditions who are currently registered with their GPs, a rate 8 per 1000 population (Table 5). Within London, Outer NE London has a lower prevalence (7.8 per 1000) of psychotic conditions than the rest of London (10 per 1000). Across outer NE London, GP practice level prevalence rates in the 2010-11 QOF vary considerably, from 2 per 1000 to 20 per 1000.

2.4 As mentioned above, care of the seriously mentally ill is an important component of effective management of long term conditions. Indications of effectiveness of primary care are provided both by hospitalisation rates for psychosis per se, and by comparing annual average hospitalisations for psychosis with registered patient totals for the same disease. If hospitalisations are high, but the registered total is

low, this indicates possible limitations in case-finding, or access to community care.

2.5 Across Outer NE London the average annual admissions (psychosis as main diagnosis) over 2009/10 and 2010/11 can be compared to the 2010-11 QOF registers for psychosis. These ratios (annual hospitalisations divided by register totals) vary from 0.07 to 1.6.

3 Prevalence and Admission Rates between GP Practices in Barking and Dagenham

3.1 Table 6 shows prevalence and hospitalisation data for Barking & Dagenham practices. Prevalence data are from the Quality Outcomes Framework for 2010-11. Hospitalisation data are for 2009-10 and 2010-11 combined. Prevalence rates for Barking and Dagenham practices vary from 3 per 1000 to 17 per 1000. Since the England wide rate is 8 per 1000, prevalence rates below 5 per 1000 in an inner city area with above average deprivation such as Barking and Dagenham appear unexpectedly low.

3.2 Hospitalisation rates, as measured by standard hospitalisation ratios or SHRs against a benchmark of 100 across two PCTs, vary from 44 to 348, with the highest rate in F82668. Ratios of annual admissions to registered patients range from 0.11 to 0.73. The highest ratio of admissions to patients is for practice F82001 which has a high admission rate (an SHR of 149), but the lowest recorded prevalence among GP practices in B&D.

4 Prevalence and Admission Rates between GP Practices in Havering

4.1 Table 7 shows prevalence and hospitalisation data for Havering GP practices. Prevalence rates for Havering practices range between 2 per 1000 and 14 per 1000. Since the England wide rate is 8 per 1000, with only 5% of England practices having prevalence below 3.6%, prevalence rates of 2-3 per 1000 in Havering practices appear unexpectedly low in a relatively urbanised area.

4.2 Standard hospitalisation ratios for Havering practices vary from 16 to 254, with the highest rate in F82663 (against a benchmark of 100 across two PCTs). Ratios of annual admissions for psychosis to registered patients with the disease range from 0.07 to 0.86. The highest ratio is for the practice F82020 with an above average hospitalisation rate (an SHR of 114), but a low prevalence rate of 2.3 per 1000.

5 Prevalence and Admission Rates for Neighbourhoods and Wards

5.1 Table 8 shows psychosis hospitalisation and prevalence rates for the 109 neighbourhoods (Lower level Super Output Areas) of Barking and Dagenham. Neighbourhood prevalence rates are interpolations based on GP practice prevalence rates from the 2010-11 Quality Outcomes Framework. They vary from 4.3 to 11.7 per 1000.

5.2 Table 9 reproduces the admission and prevalence rate data at electoral ward level in Barking & Dagenham. Ward prevalence psychosis rates range from 5.7 per 1000 to 8.5 per 1000. High hospital admission rates and high prevalence combined are apparent for Abbey, Alibon, and Chadwell Heath wards. Longbridge and Eastbrook wards have both relatively low admission rates and prevalence levels.

5.3 Table 10 shows psychosis hospitalisation and prevalence rates for the 149 neighbourhoods (Lower level Super Output Areas) in Havering. Prevalence rates vary from 2.7 to 10.6 per 1000.

5.4 Table 11 reproduces the data in Table 10 at electoral ward level in Havering. Ward prevalence psychosis rates range from 3.9 per 1000 (in Cranham) to 7.1 per 1000 (in Gooshays). High hospital admission rates and high prevalence combined are apparent for Gooshays, Romford Town and Heaton wards, while Cranham, Pettits, Hacton and Upminster wards have both low admission rates and low prevalence levels.

6 Summary

6.1 This report has considered recent variations in admission and prevalence rates for psychotic conditions (schizophrenia and bipolar disorders combined). Effective management of psychotic illness is an important aspect of overall management of long term chronic conditions, including steps to avoid unnecessary emergency admissions – though primary care of serious mental illness may involve other aspects than the chronic care model⁶.

6.2 Within Barking & Dagenham and Havering PCTs, admission and prevalence rates for these conditions vary widely for both GP practices and neighbourhoods. At ward level, variation in admission rates is more than 3-fold in Havering (Table 11) and 2-fold in Barking and Dagenham (Table 9), and greater than the variation in underlying prevalence.

6.3 There may be varying completeness in case finding, as indicated by discrepancies between relatively high admission rates and low prevalence rates in some GP practices in both PCTs.

7 References

- 1 National Institute for Health and Clinical Excellence (2009) Schizophrenia: core interventions in the treatment and management of schizophrenia in adults in primary and secondary care. NICE clinical guideline 82. London: National Institute for Health and Clinical Excellence
- 2 National Institute for Health and Clinical Excellence (2006) Bipolar disorder: the management of bipolar disorder in adults, children and adolescents, in primary and secondary care. NICE clinical guideline 38, London: National Institute for Health and Clinical Excellence
3. Sharpley M, Hutchinson G, Mckensie K et al. (2001) Understanding the excess psychosis among the African-Caribbean population in England. *British Journal of Psychiatry Suppl* 40: 60–68.
- 4 Systematic Review of the Incidence & Prevalence of Schizophrenia and Other Psychoses in England, 1950-2009. Funder: Department of Health (Ref: 0230145)
<http://www.psychiatry.cam.ac.uk/epicentre/projects/review/>
- 5 NICE guidelines on core interventions in the treatment and management of schizophrenia in adults in primary and secondary care – updated edition). National Clinical Guideline Number 82. National Collaborating Centre for Mental Health, 2010
- 6 Lester H, Gask L. Delivering medical care for patients with serious mental illness or promoting a collaborative model of recovery? *Br J Psychiatry*. 2006 May;188:401-2.

Table 1 England Inpatient statistics, 2010-11, Psychotic and Other Conditions

	All conditions	Schizophrenia, schizotypal and delusional disorders	Mood [affective] disorders
Episodes	17269882	39252	40998
Admissions	14890844	27295	32847
Male	7628685	24429	17302
Emergency	5287032	18531	23640
Mean length of stay	5.5	103.5	40
Median length of stay	1	31	19
Age 0-14	1992277	90	210
Age 15-59	7463084	33317	27382
Age 60-74	3773052	4164	7837
Age 75+	3982390	1617	5521
Day case	5691706	28	230
FCE bed days	51210196	3113738	1397600
Percent emergency	31	47	58
Percent day case	33	0.1	0.6

**Table 2 Hospital activity, Outer NE London, 2010-11
Condition (based on main diagnosis)**

PCT of residence	All conditions			All psychotic conditions		
	Emerg- ency	Total	% Emerg- ency	Emerg- ency	Total	% Emerg- ency
Barking & Dag'm	25296	54593	46	194	315	62
Havering	31012	75033	41	116	223	52
Redbridge	34650	79138	44	318	476	67
Waltham Forest	34296	79654	43	495	761	65
Outer NE London	125254	288418	43	1123	1775	63

PCT of residence	Schizophrenia			Bipolar Disorders		
	Emerg- ency	Total	% Emerg- ency	Emerg- ency	Total	% Emerg- ency
Barking & Dag'm	90	147	61	104	168	62
Havering	37	82	45	79	141	56
Redbridge	123	220	56	195	256	76
Waltham Forest	233	407	57	262	354	74
Outer NE London	483	856	56	640	919	70

Table 3 Hospital average length of stay, Outer NE London, 2010-11

PCT of residence	Condition (based on main diagnosis)					
	All conditions			All psychotic conditions		
	Elective	Emergency	All	Elective	Emergency	All
Barking & Dag'm	1.6	8.5	4.8	52	30	38
Havering	1.8	9.8	5.1	76	15	44
Redbridge	1.7	8.9	4.9	89	32	51
Waltham Forest	2.2	8.2	4.8	93	24	48
Outer NE London	1.8	8.8	4.9	82	27	47
PCT of residence	Schizophrenia			Bipolar Disorders		
	Elective	Emergency	All	Elective	Emergency	All
	Barking & Dag'm	71	49	58	34	14
Havering	99	18	63	60	13	34
Redbridge	119	56	84	41	17	23
Waltham Forest	120	37	73	41	13	20
Outer NE London	110	43	72	44	15	23

**Table 4 Psychotic Disorders (Within MH Specialty and with Programme Budget Category 5C)
NHS National Comparators**

Organisation	Standardised Rate per 100 thousand	Actual Count	Expected Count
National	59	32186	32186
London SHA	82	7452	5333
Barking and Dagenham PCT	64	118	108
Havering PCT	49	123	149
Redbridge PCT	67	182	159
Waltham Forest PCT	114	327	168
Outer NE London	74	750	584

Table 5 Prevalence of Treated Psychotic Illness (QOF 2010-11)

	Sum of List Sizes	Total Patients on Mental Health Register (schizophrenia, bipolar disorder and other psychoses)	Prevalence Rate per 1000 Populations
ENGLAND	55169643	437914	7.9
LONDON	8845268	86365	9.8
BARKING & DAGENHAM PCT	194315	1324	6.8
HAVERING PCT	255944	1522	5.9
REDBRIDGE PCT	278950	2225	8.0
WALTHAM FOREST PCT	287621	2813	9.8
OUTER NE LONDON	1016830	7884	7.8

Table 6 Barking & Dagenham PCT, Psychosis prevalence and admission rates by practice

Practice Code	List size	Register 2010-2011 (schizophrenia, bipolar disorder, other psychoses)	Prevalence Rate per 1000 Population	Admissions, psychosis main diagnosis, 2010-11 & 2009-10 combined	Standard Hospitalisation Ratio*	Ratio Annual Admissions to Registered Patients
F82001	6140	20	3.3	29	148.8	0.73
F82003	3554	39	11.0	6	51.9	0.08
F82004	11718	71	6.1	48	130.5	0.34
F82005	5141	31	6.0	17	105.1	0.27
F82012	6705	32	4.8	28	125.2	0.44
F82015	5135	31	6.0	32	190.3	0.52
F82017	8586	66	7.7	27	98.5	0.20
F82018	10919	72	6.6	38	108.9	0.26
F82023	4390	21	4.8	7	49.2	0.17
F82025	4542	23	5.1	12	83.3	0.26
F82027	3088	25	8.1	8	76.0	0.16
F82034	4439	32	7.2	20	142.3	0.31
F82038	5124	41	8.0	16	94.6	0.20
F82040	2794	32	11.5	22	245.5	0.34
F82042	6450	48	7.4	23	110.4	0.24
F82051	8400	71	8.5	54	195.3	0.38
F82604	3619	27	7.5	25	216.7	0.46
F82612	4450	23	5.2	9	59.1	0.20
F82621	2956	12	4.1	8	81.1	0.33
F82625	7124	47	6.6	18	78.8	0.19
F82629	1796	27	15.0	9	156.8	0.17
F82634	3358	21	6.3	5	45.1	0.12
F82642	3604	35	9.7	15	125.1	0.21
F82645	2230	13	5.8	12	164.1	0.46
F82647	4812	32	6.7	14	84.5	0.22
F82650	5052	35	6.9	19	115.8	0.27
F82660	7359	64	8.7	22	92.7	0.17
F82661	3607	21	5.8	7	58.2	0.17
F82665	3082	26	8.4	14	139.2	0.27
F82668	2818	49	17.4	31	348.2	0.32
F82676	5459	22	4.0	14	85.1	0.32
F82677	5145	20	3.9	19	116.8	0.48
F82678	2507	18	7.2	5	62.9	0.14
F82679	4652	33	7.1	19	129.0	0.29
F82680	4615	32	6.9	15	98.4	0.23
F86040	3239	18	5.6	16	145.7	0.44
Y01280	2586	15	5.8	13	167.6	0.43
Y01719	3482	30	8.6	20	182.5	0.33
Y01795	2012	18	8.9	4	59.6	0.11
Y02575	3271	14	4.3	8	75.7	0.29
Y02583	4355	17	3.9	4	44.4	0.12
PCT	194315	1324	6.8	732	116.6	0.28

* Expected hospitalisations are for Barking & Dagenham, Havering combined

Table 7 Havering PCT, Psychosis prevalence and admission rates by practice

Practice Code	List size	Register total 2010-11 (schizophrenia, bipolar disorder, other psychoses)	Prevalence Rate per 1000 Population	Admissions for psychosis main diagnosis, 2010-11 & 2009-10	Standard Hospitalisation Ratio*	Ratio Annual Admissions to Registered Patients
F82002	4297	18	4.2	8	53	0.22
F82006	9548	41	4.3	9	27	0.11
F82007	12331	58	4.7	31	72	0.27
F82008	14580	44	3.0	32	63	0.36
F82009	12524	84	6.7	30	69	0.18
F82010	5973	77	12.9	19	92	0.12
F82011	9744	81	8.3	41	123	0.25
F82013	15074	92	6.1	38	73	0.21
F82014	6993	70	10.0	18	76	0.13
F82016	7241	58	8.0	40	169	0.34
F82019	6184	30	4.9	23	110	0.38
F82020	2994	7	2.3	12	114	0.86
F82021	10233	66	6.4	19	55	0.14
F82022	9891	51	5.2	21	61	0.21
F82028	4860	21	4.3	13	79	0.31
F82030	10683	81	7.6	31	86	0.19
F82031	4779	25	5.2	9	57	0.18
F82033	2964	15	5.1	2	19	0.07
F82039	3441	23	6.7	7	60	0.15
F82045	3197	7	2.2	8	70	0.57
F82052	2919	18	6.2	21	206	0.58
F82053	3161	15	4.7	5	47	0.17
F82055	3525	23	6.5	8	65	0.17
F82607	2263	13	5.7	6	75	0.23
F82608	1739	6	3.5	3	49	0.25
F82609	3904	35	9.0	10	72	0.14
F82610	2898	11	3.8	4	41	0.18
F82614	2124	4	1.9	3	40	0.38
F82618	1935	18	9.3	8	118	0.22
F82619	1875	12	6.4	6	91	0.25
F82624	3024	10	3.3	3	28	0.15
F82627	4438	31	7.0	12	81	0.19
F82630	4649	29	6.2	12	80	0.21
F82638	4209	25	5.9	12	87	0.24
F82639	2758	6	2.2	5	55	0.42
F82641	1761	4	2.3	5	80	0.63
F82643	1764	6	3.4	1	16	0.08
F82646	5523	30	5.4	9	48	0.15
F82648	2534	11	4.3	9	103	0.41
F82649	4841	37	7.6	12	71	0.16
F82653	3169	9	2.8	2	19	0.11
F82657	1980	6	3.0	2	29	0.17
F82663	2800	21	7.5	25	254	0.60
F82666	2671	8	3.0	8	86	0.50
F82670	2148	20	9.3	14	198	0.35
F82671	2498	35	14.0	7	82	0.10
F82674	4003	20	5.0	12	90	0.30
F82675	4326	14	3.2	6	40	0.21
F82686	3635	11	3.0	6	48	0.27
F82744	2474	8	3.2	2	24	0.13
Y00183	2303	28	12.2	9	129	0.16
Y00312	4415	46	10.4	10	74	0.11
PCT	255797	1519	5.9	668	76	0.22

* Expected hospitalisations are for Barking & Dagenham, Havering combined

Table 8 Hospitalisation and Prevalence Rates for Neighbourhoods, Barking & Dagenham

LSOA Code	Ward name	Standard			
		Admissions (Two years)	Hospitalization Ratio (2009-10 and 2010-11 combined)	IMD SCORE	Prevalence, 2010-11
E01000006	Abbey	10	149	17.1	8.1
E01000007	Abbey	5	117	37.2	5.4
E01000008	Abbey	10	177	45.2	8.5
E01000009	Abbey	21	311	29.4	11.4
E01000010	Abbey	14	160	38.4	7.0
E01000011	Abbey	10	190	29.5	11.0
E01000012	Abbey	5	78	37.3	7.6
E01000013	Alibon	5	88	39.8	7.9
E01000014	Alibon	11	191	37.8	10.3
E01000015	Alibon	12	165	38.8	8.2
E01000016	Alibon	16	275	31.6	9.5
E01000017	Alibon	8	140	35.3	7.0
E01000018	Alibon	9	161	32.6	7.3
E01000019	Becontree	7	134	32.8	6.4
E01000020	Becontree	18	275	34.2	10.5
E01000021	Becontree	7	110	34.0	6.1
E01000022	Becontree	4	73	28.6	6.0
E01000023	Becontree	7	199	23.9	8.1
E01000024	Becontree	7	137	29.3	6.0
E01000025	Becontree	11	180	32.7	7.9
E01000026	Becontree	3	64	36.6	6.2
E01000027	Chadwell Heath	8	150	49.2	9.7
E01000028	Chadwell Heath	20	391	43.0	10.4
E01000029	Chadwell Heath	9	152	26.8	8.6
E01000030	Chadwell Heath	5	84	52.5	9.3
E01000031	Chadwell Heath	13	224	26.8	6.0
E01000032	Chadwell Heath	3	51	29.6	7.0
E01000033	Eastbrook	4	91	41.0	6.3
E01000034	Eastbrook	6	110	31.4	8.6
E01000035	Eastbrook	4	69	28.2	5.4
E01000036	Eastbrook	2	41	21.5	5.3
E01000037	Eastbrook	5	93	22.3	6.2
E01000038	Eastbrook	5	93	18.9	7.2
E01000039	Eastbrook	7	114	18.4	4.7
E01000040	Eastbury	11	204	38.9	8.0
E01000041	Eastbury	5	89	32.9	4.3
E01000042	Eastbury	15	261	39.5	9.3
E01000043	Eastbury	8	167	32.9	8.5
E01000044	Eastbury	8	129	32.0	9.2
E01000045	Eastbury	5	87	40.1	6.3
E01000046	Eastbury	2	31	28.9	4.4
E01000047	Gascoigne	11	112	41.7	7.7
E01000048	Gascoigne	2	38	55.5	7.6
E01000049	Gascoigne	18	321	44.6	11.7
E01000050	Gascoigne	2	35	34.6	6.3
E01000051	Gascoigne	7	120	53.9	8.0
E01000052	Gascoigne	9	128	29.2	5.9

Table 8 (cont) Hospitalisation and Prevalence Rates for Neighbourhoods, Barking & Dagenham

LSOA Code	Ward name	Admissions (Two years)	Standard Hospitalization Ratio (2009-10 and 2010-11 combined)	IMD SCORE	Prevalence, 2010-11
E01000053	Goresbrook	15	275	32.8	11.1
E01000054	Goresbrook	2	34	29.8	5.2
E01000055	Goresbrook	2	37	29.7	6.0
E01000056	Goresbrook	13	233	37.7	7.1
E01000057	Goresbrook	6	126	38.9	6.0
E01000058	Goresbrook	5	79	37.4	5.8
E01000059	Goresbrook	3	54	34.5	5.7
E01000060	Heath	15	259	42.0	11.3
E01000061	Heath	21	384	51.3	10.7
E01000062	Heath	5	82	33.3	6.0
E01000063	Heath	9	165	33.9	7.7
E01000064	Heath	14	239	35.2	7.6
E01000065	Heath	8	119	36.6	6.0
E01000066	Longbridge	8	135	25.4	6.4
E01000067	Longbridge	5	79	23.1	6.2
E01000068	Longbridge	5	87	23.4	5.8
E01000069	Longbridge	1	18	15.9	4.7
E01000070	Longbridge	7	113	20.4	5.1
E01000071	Longbridge	5	68	16.9	6.0
E01000072	Mayesbrook	13	198	42.4	8.1
E01000073	Mayesbrook	19	340	36.4	10.8
E01000074	Mayesbrook	11	196	32.3	7.3
E01000075	Mayesbrook	10	169	34.9	8.5
E01000076	Mayesbrook	13	212	42.3	6.5
E01000077	Mayesbrook	5	89	34.7	5.7
E01000078	Parsloes	24	439	37.7	10.5
E01000079	Parsloes	6	110	35.2	7.1
E01000080	Parsloes	2	38	34.2	5.7
E01000081	Parsloes	7	122	32.4	6.9
E01000082	Parsloes	3	53	35.6	6.0
E01000083	Parsloes	6	107	37.6	8.5
E01000084	River	3	60	35.7	7.0
E01000085	River	7	120	39.2	6.2
E01000086	River	4	75	32.4	6.1
E01000087	River	11	254	35.6	7.8
E01000088	River	6	93	27.8	5.0
E01000089	River	4	75	29.7	6.5
E01000090	River	4	79	26.8	5.4
E01000091	Thames	1	19	46.8	6.1
E01000092	Thames	4	46	27.6	5.0
E01000093	Thames	12	224	48.8	9.2
E01000094	Thames	7	138	31.8	6.0
E01000095	Thames	3	52	32.9	7.2
E01000096	Thames	4	67	51.2	5.6

Table 8 (cont) Hospitalisation and Prevalence Rates for Neighbourhoods, Barking & Dagenham

LSOA Code	Ward name	Admissions (Two years)	Standard Hospitalization Ratio (2009-10 and 2010-11 combined)	IMD SCORE	Prevalence, 2010-11
E01000097	Valence	9	165	36.8	7.6
E01000098	Valence	10	172	34.7	6.1
E01000099	Valence	5	95	37.0	6.8
E01000100	Valence	5	91	35.9	7.3
E01000101	Valence	2	40	38.0	6.1
E01000102	Valence	14	264	34.6	12.1
E01000103	Village	10	161	40.0	6.0
E01000104	Village	7	115	48.4	6.4
E01000105	Village	14	195	43.3	8.3
E01000106	Village	8	116	46.3	6.1
E01000107	Village	5	90	25.6	5.0
E01000108	Village	10	161	26.9	6.0
E01000109	Whalebone	16	286	29.4	11.6
E01000110	Whalebone	12	237	19.1	9.0
E01000111	Whalebone	12	182	30.5	7.3
E01000112	Whalebone	0	0	26.4	5.5
E01000113	Whalebone	5	76	20.2	6.2
E01000114	Whalebone	3	43	26.8	5.8

Table 9 Hospitalisation and Prevalence Rates for Electoral Wards, Barking & Dagenham

Ward	Admissions (Two years)	Standard Hospitalization Ratio (2009-10 and 2010-11 combined)*	Prevalence Rate (per 1000), 2010- 11
Abbey	75	171	8.4
Alibon	61	170	8.4
Becontree	64	149	7.2
Chadwell H'th	58	171	8.5
Eastbrook	33	88	6.2
Eastbury	54	135	7.1
Gascoigne	49	125	7.9
Goresbrook	46	118	6.7
Heath	72	203	8.2
Longbridge	31	84	5.7
Mayesbrook	71	200	7.8
Parsloes	48	145	7.4
River	39	104	6.3
Thames	31	86	6.5
Valence	45	139	7.7
Village	54	142	6.3
Whalebone	48	130	7.6
Barking & D'm	879	139	7.3

* Benchmark = 100 (Barking & Dagenham, Havering combined)

Table 10 Hospitalisation and Prevalence Rates for Neighbourhoods, Havering

LSOA Code	Ward name	Admissions (Two years)	Standard Hospitalization Ratio (2009-10 and 2010-11 combined)	IMD SCORE	Prevalence, 2010-11
E01002243	Brooklands	3	48	29.9	5.9
E01002244	Brooklands	5	83	16.8	4.8
E01002245	Brooklands	22	403	19.2	9.5
E01002246	Brooklands	1	17	11.9	4.1
E01002247	Brooklands	5	71	17.4	5.4
E01002248	Brooklands	11	208	23.2	5.4
E01002249	Brooklands	5	81	12.7	5.4
E01002250	Brooklands	2	32	17.9	5.0
E01002251	Brooklands	3	56	28.6	5.9
E01002252	Cranham	2	35	8.9	4.1
E01002253	Cranham	0	0	4.0	2.7
E01002254	Cranham	2	33	3.0	3.9
E01002255	Cranham	5	93	13.1	4.3
E01002256	Cranham	1	17	6.7	4.2
E01002257	Cranham	1	15	3.6	3.5
E01002258	Cranham	5	80	16.1	4.8
E01002259	Cranham	4	68	7.0	3.9
E01002260	Elm Park	5	92	12.1	6.6
E01002261	Elm Park	6	100	14.3	6.1
E01002262	Elm Park	6	108	18.6	5.0
E01002263	Elm Park	3	50	7.7	4.2
E01002264	Elm Park	11	198	32.1	7.0
E01002265	Elm Park	2	30	10.0	3.8
E01002266	Elm Park	8	146	13.9	6.6
E01002267	Elm Park	8	132	23.8	6.2
E01002268	Emerson Park	0	0	13.4	4.2
E01002269	Emerson Park	1	15	10.3	4.2
E01002270	Emerson Park	3	50	8.7	4.5
E01002271	Emerson Park	1	18	7.9	3.9
E01002272	Emerson Park	5	105	11.0	5.8
E01002273	Emerson Park	2	38	10.8	3.4
E01002274	Emerson Park	3	49	8.6	4.8
E01002275	Emerson Park	3	64	8.3	3.9
E01002276	Gooshays	3	44	31.1	5.6
E01002277	Gooshays	1	17	32.8	5.3
E01002278	Gooshays	13	230	34.2	10.6
E01002279	Gooshays	1	17	26.1	5.8
E01002280	Gooshays	14	273	45.0	9.8
E01002281	Gooshays	5	85	39.8	6.1
E01002282	Gooshays	9	157	42.6	8.8
E01002283	Gooshays	4	72	26.5	6.3
E01002284	Gooshays	11	170	29.1	5.8

Table 10 (cont) Hospitalisation and Prevalence Rates for Neighbourhoods, Havering

LSOA Code	Ward name	Admissions (Two years)	Standard Hospitalization Ratio (2009-10 and 2010-11 combined)	IMD SCORE	Prevalence, 2010-11
E01002285	Hacton	1	17	7.2	3.8
E01002286	Hacton	6	102	7.5	4.2
E01002287	Hacton	0	0	10.9	3.4
E01002288	Hacton	1	18	7.9	4.3
E01002289	Hacton	2	35	10.2	5.1
E01002290	Hacton	4	70	9.2	4.5
E01002291	Hacton	2	31	9.6	4.2
E01002292	Hacton	8	140	20.0	5.1
E01002293	Harold Wood	4	62	13.6	4.7
E01002294	Harold Wood	5	92	12.5	5.5
E01002295	Harold Wood	5	86	12.5	5.3
E01002296	Harold Wood	5	76	11.4	5.2
E01002297	Harold Wood	8	139	40.1	9.2
E01002298	Harold Wood	10	171	13.6	7.8
E01002299	Harold Wood	5	80	23.5	6.6
E01002300	Harold Wood	5	85	11.7	5.9
E01002301	Havering Park	4	68	12.3	4.8
E01002302	Havering Park	5	86	15.1	4.6
E01002303	Havering Park	5	72	28.4	5.3
E01002304	Havering Park	1	20	23.1	5.7
E01002305	Havering Park	1	18	14.4	4.5
E01002306	Havering Park	8	145	30.0	5.8
E01002307	Havering Park	5	89	24.4	5.5
E01002308	Havering Park	7	132	27.1	5.2
E01002309	Heaton	10	180	25.0	6.1
E01002310	Heaton	14	214	38.0	8.0
E01002311	Heaton	3	53	27.9	6.3
E01002312	Heaton	8	158	26.3	6.5
E01002313	Heaton	5	92	34.6	6.0
E01002314	Heaton	0	0	37.1	5.8
E01002315	Heaton	5	92	24.7	5.3
E01002316	Heaton	4	72	41.7	6.1
E01002317	Hylands	1	18	6.6	3.3
E01002318	Hylands	1	17	8.8	3.8
E01002319	Hylands	10	177	16.2	4.5
E01002320	Hylands	3	54	8.0	4.3
E01002321	Hylands	2	30	9.7	3.9
E01002322	Hylands	7	93	9.2	4.8
E01002323	Hylands	4	66	12.8	4.9
E01002324	Hylands	5	91	19.0	5.0

Table 10 (cont) Hospitalisation and Prevalence Rates for Neighbourhoods, Havering

LSOA Code	Ward name	Admissions (Two years)	Standard Hospitalization Ratio (2009-10 and 2010-11 combined)	IMD SCORE	Prevalence, 2010-11
E01002325	Mawneys	5	87	26.3	5.4
E01002326	Mawneys	4	74	21.7	7.1
E01002327	Mawneys	4	74	12.7	4.8
E01002328	Mawneys	1	17	11.3	2.8
E01002329	Mawneys	1	18	15.1	4.0
E01002330	Mawneys	5	81	16.1	4.8
E01002331	Mawneys	3	51	15.0	4.4
E01002332	Mawneys	4	63	14.4	4.6
E01002333	Pettits	1	21	10.2	4.1
E01002334	Pettits	2	32	10.3	4.2
E01002335	Pettits	1	19	19.3	4.7
E01002336	Pettits	4	72	12.0	4.1
E01002337	Pettits	2	43	12.7	4.4
E01002338	Pettits	3	59	10.7	4.8
E01002339	Pettits	2	33	5.0	3.8
E01002340	Pettits	0	0	8.8	3.9
E01002341	Pettits	4	75	11.0	6.0
E01002342	Rainham- Wennington	2	33	17.3	4.6
E01002343	Rainham-Wennington	2	32	12.0	4.7
E01002344	Rainham-Wennington	5	86	14.2	5.6
E01002345	Rainham-Wennington	3	46	32.6	6.0
E01002346	Rainham-Wennington	8	148	22.3	6.0
E01002347	Rainham-Wennington	4	78	14.1	5.2
E01002348	Rainham-Wennington	6	98	9.8	6.3
E01002349	Rainham-Wennington	8	140	13.5	4.6
E01002350	Romford Town	12	220	28.8	10.0
E01002351	Romford Town	9	139	12.0	5.2
E01002352	Romford Town	5	81	14.0	5.3
E01002353	Romford Town	9	132	15.8	7.1
E01002354	Romford Town	4	77	5.8	5.5
E01002355	Romford Town	3	55	5.9	3.8
E01002356	Romford Town	7	86	39.2	8.4
E01002357	Romford Town	4	46	23.0	4.9
E01002358	Romford Town	10	152	19.0	5.7

Table 10 (cont) Hospitalisation and Prevalence Rates for Neighbourhoods, Havering

LSOA Code	Ward name	Admissions (Two years)	Standard Hospitalization Ratio (2009-10 and 2010-11 combined)	IMD SCORE	Prevalence, 2010-11
E01002359	St Andrew's	0	0	8.4	4.0
E01002360	St Andrew's	6	108	13.6	7.4
E01002361	St Andrew's	7	111	19.2	5.1
E01002362	St Andrew's	3	55	7.2	3.9
E01002363	St Andrew's	2	33	22.1	5.6
E01002364	St Andrew's	5	88	8.8	4.9
E01002365	St Andrew's	2	42	13.7	4.7
E01002366	St Andrew's	2	37	11.7	3.1
E01002367	St Andrew's	3	50	11.8	5.1
E01002368	South Hornchurch	4	72	45.8	6.2
E01002369	South Hornchurch	0	0	19.9	4.7
E01002370	South Hornchurch	6	83	25.7	6.0
E01002371	South Hornchurch	3	52	18.7	5.8
E01002372	South Hornchurch	1	17	11.0	4.3
E01002373	South Hornchurch	0	0	13.8	4.2
E01002374	South Hornchurch	0	0	17.0	4.0
E01002375	South Hornchurch	4	69	26.6	6.2
E01002376	Squirrel's Heath	0	0	5.0	2.7
E01002377	Squirrel's Heath	1	16	10.1	4.4
E01002378	Squirrel's Heath	1	16	7.5	4.0
E01002379	Squirrel's Heath	4	78	9.4	3.7
E01002380	Squirrel's Heath	3	44	19.9	4.9
E01002381	Squirrel's Heath	5	81	14.1	5.3
E01002382	Squirrel's Heath	4	65	10.3	5.0
E01002383	Squirrel's Heath	6	100	10.4	4.8
E01002384	Upminster	1	17	5.7	3.6
E01002385	Upminster	3	53	9.1	4.9
E01002386	Upminster	4	56	8.2	4.7
E01002387	Upminster	0	0	3.8	3.6
E01002388	Upminster	2	32	2.2	3.4
E01002389	Upminster	1	16	4.5	3.9
E01002390	Upminster	2	35	3.0	3.5
E01002391	Upminster	4	62	11.3	3.6

Table 11 Hospitalisation and Prevalence Rates for Electoral Wards, Havering

Ward	Admissions (Two years)	Standard Hospitalization Ratio (2009-10 and 2010-11 combined)*	Prevalence Rate (per 1000), 2010-11
Brooklands	57	106	5.7
Cranham	20	42	3.9
Elm Park	49	105	5.7
Emerson Park	18	41	4.4
Gooshays	61	116	7.1
Hacton	24	51	4.3
Harold Wood	47	98	6.3
Havering Park	36	79	5.1
Heaton	49	109	6.3
Hylands	33	68	4.3
Mawneys	27	58	4.7
Pettits	19	40	4.5
Rainham-Wennington	38	81	5.4
Romford Town	63	107	6.2
South Hornchurch	18	37	5.2
Squirrel's Heath	24	50	4.4
St Andrew's	30	60	4.9
Upminster	17	34	3.9
Havering	630	72	5.1

* Benchmark = 100 (Barking & Dagenham, Havering combined)