

Injury attendances to Wythenshawe Hospital Emergency Department

July 2010 to June 2011

This report summarises recorded injury attendances to Wythenshawe Hospital Emergency Department (ED) between July 2010 and June 2011.

Between July 2010 and June 2011 there were 14,818 injury attendances to Wythenshawe Hospital ED. Males accounted for over half (53%) of all attendances. The month with the highest attendances was May (n=1,536) with July having the lowest attendances (n=941) (**Figure 1**). Falls (61%) accounted for the highest proportion of injuries, followed by sports injury (13%), road traffic collision (RTC) (13%), assault (8%), and burns and scalds (4%) (**Table 1**).

For all injuries the highest proportion of attendances was for persons aged 20-34 (23%) and 5-19 (23%) years (**Figure 2**). Three in ten (30%) fall attendees were aged 65 or over. Four in ten (40%) sports injury attendees were aged 20-34 years. Nearly four in ten (39%) RTC attendees were aged 20-34 years (**Figure 3**).

Table 2 shows the ethnicity of injury attendees to Wythenshawe Hospital ED. The large majority (85%) were white.

The disposal of a patient can give an indication of the severity of the injuries sustained. Almost a half (48%) of attendees were discharged, 20% were referred and 17% were admitted to hospital (**Table 3**). Two-

thirds (66%) of RTC attendees were discharged. Over a third (36%) of burns and scald attendees were referred for follow-up treatment. Over a third (36%) of deliberate self-harm (DSH) attendees were admitted. (**Table 4**).

Table 5 shows the arrival methods of attendances at Wythenshawe Hospital ED. Over a quarter (27%) arrived by ambulance.

Table 6 shows the incident location of injury attendances. Over three in ten (31%) occurred in the home whilst one in ten (10%) occurred in a public place.

Table 7 presents data for assault attendances to Wythenshawe Hospital ED. Over two-thirds (68%) were male and nearly a half (46%) were aged 20-34 years. A quarter (25%) occurred on weekend nights and under a third (31%) arrived by ambulance.

Figure 4 (a-d) shows crude rates of attendance at Wythenshawe Hospital ED by attendee's area of residence, in this case Middle Super Output Area (MSOA). The MSOAs with the highest crude rates are indicated beneath each figure.¹

¹ Population figures are drawn from mid-2008 population estimates from the Office for National Statistics.

Figure 1: Wythenshawe Hospital ED: Total injury attendances by gender and month, July 2010 to June 2011

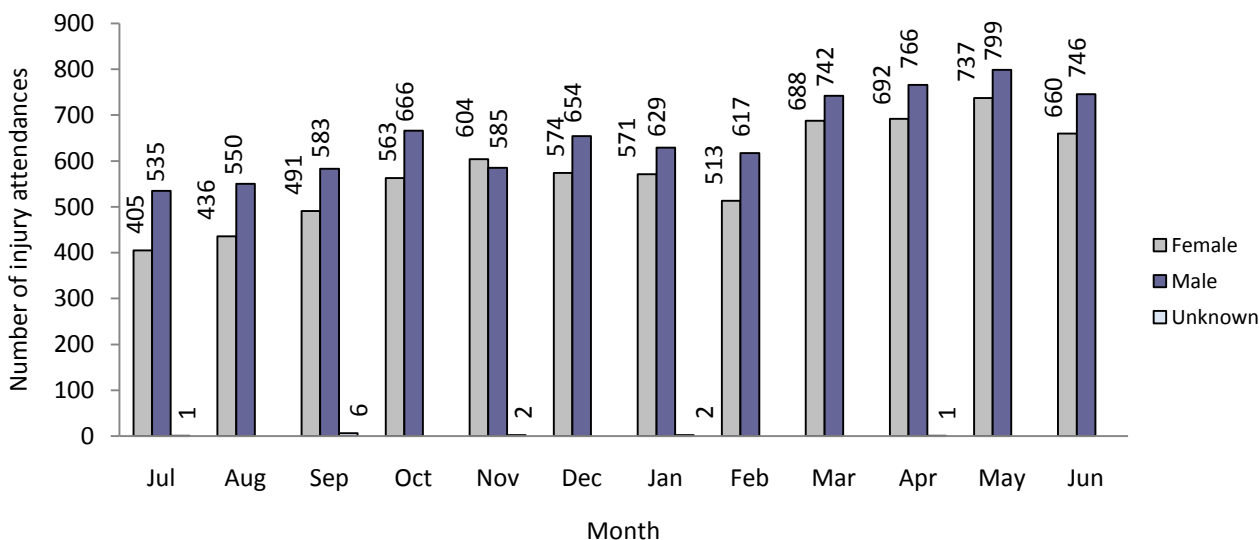
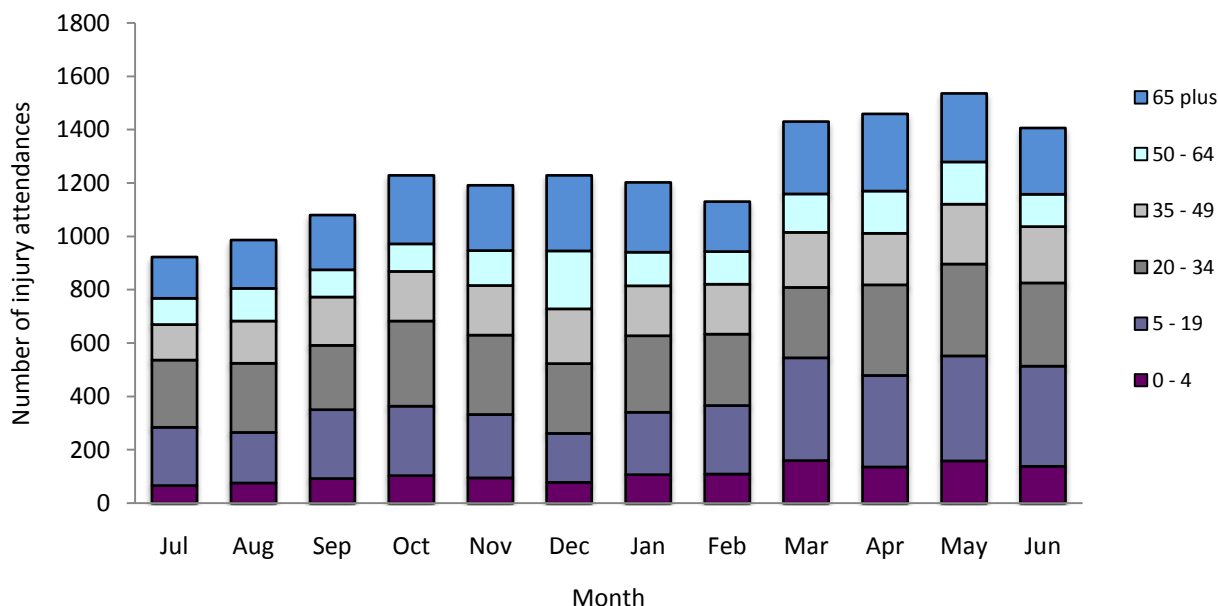


Table 1: Wythenshawe Hospital ED: Total injury attendances by injury group and month, July 2010 to June 2011²

Injury group	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Fall	446	514	621	691	708	869	766	674	941	921	967	862	8980	61
Sports injury	219	154	168	160	120	60	124	148	176	189	230	197	1945	13
RTC	160	149	143	181	203	168	126	134	152	160	170	171	1917	13
Assault	69	92	85	127	97	79	121	121	96	115	94	90	1186	8
Burns and scalds	35	60	52	67	55	47	53	44	48	45	43	53	602	4
DSH	***	***	***	***	***	***	***	***	***	***	***	***	176	1
Electrical accident	***	***	***	***	***	***	***	***	***	***	***	***	12	0
Total	941	986	1080	1229	1191	1228	1202	1130	1430	1459	1536	1406	14818	100

Figure 2: Wythenshawe Hospital ED: Total injury attendances by age group and month, July 2010 to June 2011



² Please note that all numbers less than five have been suppressed in line with patient confidentiality and if there is only one number <5 in a category then two numbers will be suppressed at the next level.

Figure 3: Wythenshawe Hospital ED: Total injury attendances by age group and injury group (excluding other injury), July 2010 to June 2011

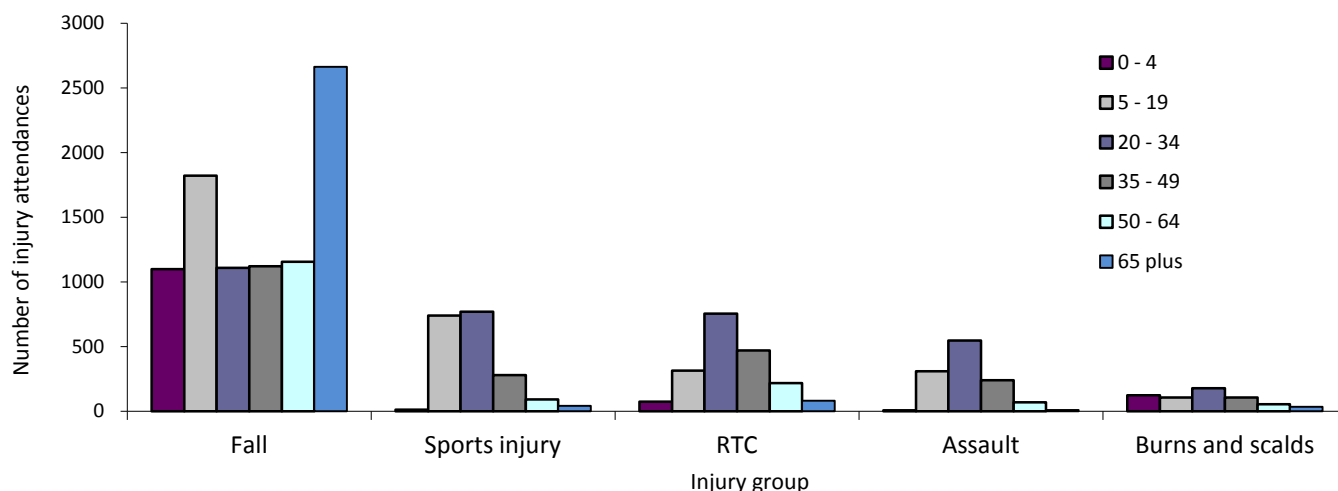


Table 2: Wythenshawe Hospital ED: Total injury attendances by ethnicity and month, July 2010 to June 2011³

Ethnicity	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
White	782	844	912	1012	985	1031	1036	977	1227	1269	1339	1223	12637	85
Not known	84	71	110	131	129	130	82	58	109	74	77	87	1142	8
Pakistani	17	18	16	24	21	10	14	23	26	41	38	30	278	2
Mixed	18	6	10	23	14	12	22	28	19	28	23	19	222	1
Any other ethnic group	11	8	5	10	18	12	11	12	10	15	7	18	137	1
Black	14	10	16	9	***	10	10	10	14	12	17	***	133	1
Indian	8	19	***	14	10	6	15	12	11	7	20	***	129	1
Other Asian background	***	5	5	***	7	12	9	7	8	9	6	9	85	1
Chinese	***	5	***	***	***	***	***	***	***	***	***	5	45	0
Bangladeshi	***	***	***	***	***	***	***	***	***	***	***	***	10	0
Total	941	986	1080	1229	1191	1228	1202	1130	1430	1459	1536	1406	14818	100

Table 3: Wythenshawe Hospital ED: Total injury attendances by method of disposal and month, July 2010 to June 2011⁴

Disposal	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Discharged	596	530	510	546	556	589	472	455	622	694	689	839	7098	48
Follow-up/referred	141	178	227	261	222	247	273	262	335	271	347	234	2998	20
Admitted	150	175	193	214	196	229	244	191	219	273	229	210	2523	17
Other	54	103	150	208	217	163	213	222	254	221	271	123	2199	15
Total	941	986	1080	1229	1191	1228	1202	1130	1430	1459	1536	1406	14818	100

Table 4: Wythenshawe Hospital ED: Total injury attendances by method of disposal and injury group, July 2010 to June 2011

Disposal	Assault		Burns and scalds		DSH		Electrical		Fall		RTC		Sports injury		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Discharged	600	51	247	41	61	35	7	58	3943	44	1262	66	978	50	7098	48
Follow-up/referred	195	16	214	36	***	16	***	8	1863	21	149	8	548	28	2998	20
Admitted	161	14	52	9	***	36	***	17	2015	22	109	6	120	6	2523	17
Other	230	19	89	15	***	13	***	17	1159	13	397	21	299	15	2199	15
Total	1186	100	602	100	176	100	12	100	8980	100	1917	100	1945	100	14818	100

³ White=Irish, British, other white background; Mixed=white and black, white and Asian, mixed any other; Black=African, Caribbean, other black.

⁴ Admitted=admitted to ED bed/became a lodged patient of the same health care provider; Discharged=discharged - did not require any follow up treatment; Referral/follow up=discharged - follow up treatment to be provided by GP, referred to ED clinic, referred to fracture clinic, referred to other out-patient clinic, transferred to other health care provider, referred to other health care professional; Other=died in department, left department before being treated, left department having refused treatment, other.

Table 5: Wythenshawe Hospital ED: Total injury attendances by mode of arrival and month, July 2010 to June 2011

Mode	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Other	705	694	769	870	863	870	871	849	1083	1045	1179	1079	10877	73
Ambulance	236	292	311	359	328	358	331	281	347	414	357	327	3941	27
Total	941	986	1080	1229	1191	1228	1202	1130	1430	1459	1536	1406	14818	100

Table 6: Wythenshawe Hospital ED: Total injury attendances by location of incident and injury group, July 2010 to June 2011*

Location	Assault		Burns and scalds		DSH		Electrical		Fall		RTC		Sports injury		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Own home	300	25	295	49	64	36	***	17	3955	44	***	***	***	***	4616	31
Not recorded	378	32	209	35	91	52	5	42	2414	27	***	***	***	***	3097	21
Sport	26	2	7	1	***	***	***	***	364	4	***	***	1945	100	2342	16
RTC	***	***	***	***	***	***	***	***	45	1	1917	100	***	***	1967	13
Public place	279	24	21	3	6	3	***	17	1139	13	***	***	***	***	1447	10
School/college	34	3	***	***	***	***	***	***	414	5	***	***	***	***	451	3
Street	81	7	***	***	***	***	***	***	326	4	***	***	***	***	412	3
Work	22	2	56	9	***	***	***	25	195	2	***	***	***	***	276	2
Another's home	36	3	10	2	8	5	***	***	111	1	***	***	***	***	165	1
Bar/pub	21	2	***	***	***	***	***	***	***	***	***	***	***	***	36	0
Club	***	***	***	***	***	***	***	***	***	***	***	***	***	***	9	0
Total	1186	100	602	100	176	100	12	100	8980	100	1917	100	1945	100	14818	100

*Percentages may not add up to 100 due to rounding.

Table 7: Wythenshawe Hospital ED: Assault attendances by gender, arrival mode, age group and day and time of attendance, July 2010 to June 2011

Injury type	Assault attendees		All injuries % (n=13,000) *
	n	%	%
Gender**			
Female	377	32	47
Male	807	68	53
Mode			
Ambulance	368	31	27
Other	818	69	73
Age group			
0 - 4	8	1	9
5 - 19	309	26	23
20 - 34	548	46	23
35 - 49	240	20	15
50 - 64	70	6	11
65 plus	11	1	19
Day & time			
Weekend nights***	293	25	10
Weekend days	281	24	23
Weekdays	612	52	67

* Percentages may not add up to 100 due to rounding.

**Gender was not recorded in 2 cases.

***8pm to 4am Friday night/Saturday morning, Saturday night/Sunday morning, Sunday night/Monday morning.


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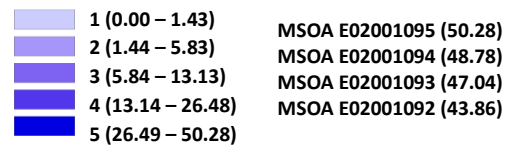
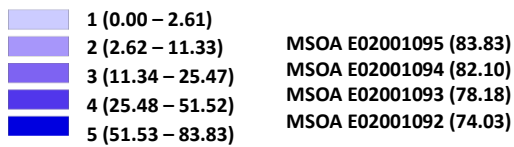
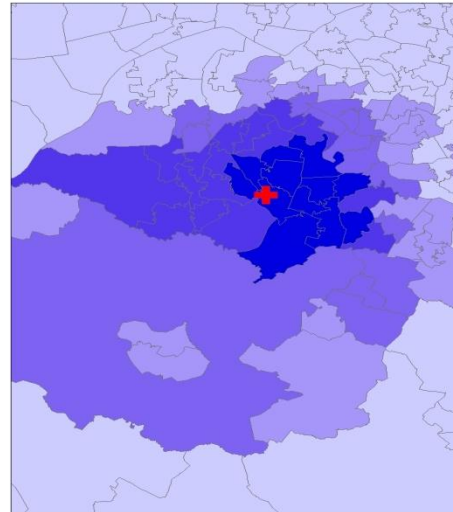
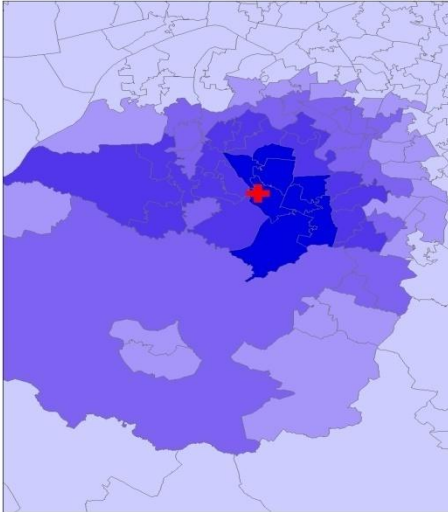
Website: www.tiig.info (data requests should be made through the website)

Figure 4a,b,c,d: Middle Super Output Area of residence for injury attendances to Wythenshawe Hospital ED. Quintiles of crude rates per 1,000 population, July 2010 to June 2011

a) All injury attendances: quintiles of crude rates per 1,000 population b) Fall: quintiles of crude rates per 1,000 population


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c) Sports injury: quintiles of crude rates per 1,000 population

d) RTC: quintiles of crude rates per 1,000 population

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