

Injury attendances to Wythenshawe Accident and Emergency Department

April 2008 to March 2009

This report summarises recorded injury attendances to Wythenshawe Accident and Emergency Department (AED) between April 2008 and March 2009.

Between April 2008 and March 2009 there were 38,150 injury attendances to Wythenshawe AED. Males accounted for over half of all attendances (n=20,873; 55%). The month with the highest attendances was May (n=3,579), with February having the lowest attendances for injury (n=2,677) (**Figure 1**). The majority of attendances were recorded as other injury (83%). Of the specified injury groups sports injury accounted for the highest proportion (7%) followed by road traffic collisions (RTCs) (6%) and falls (3%) (**Table 1**).

For all injuries the highest proportions of attendances were for persons aged 20-34 (24%) and 5-19 (23%) (**Figure 2**). Over three-quarters of sports injury attendances (76%) were by persons in the 5-19 and 20-34 age groups (n=1,015 and n=1,025 respectively). Two in five attendances for RTCs were aged 20-34 (n=845; 39%). Nearly three quarters of assault attendances were aged 5-19 or 20-34 (n=185; 70%) (**Figure 3**).

Table 2 shows the incident location of all injuries. Incident location was not recorded in over half of all

injury attendances (n=20,236; 53%). Of the specified incident locations over a quarter took place in the home (n=10,570; 28%), with smaller proportions occurring at a sports location (e.g. football pitch) (7%) or at work (6%).

Table 3 shows the ethnicity of injury attendees to Wythenshawe AED. Over three-quarters (n=31,499; 83%) were white, 12% were recorded as not known, 2% were Pakistani, 1% were black and 1% were mixed.

The disposal of a patient can give an indication of the severity of the injuries sustained. Most attendees were discharged (62%), 17% were referred on and 15% were admitted to hospital. (**Table 4**).

Table 5 shows the arrival methods of injury attendances at Wythenshawe AED. For over three quarters of attendees the method of arrival was recorded as not known (82%).

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

Figure 1: Wythenshawe AED: Total attendances by gender and month, April 2008 to March 2009

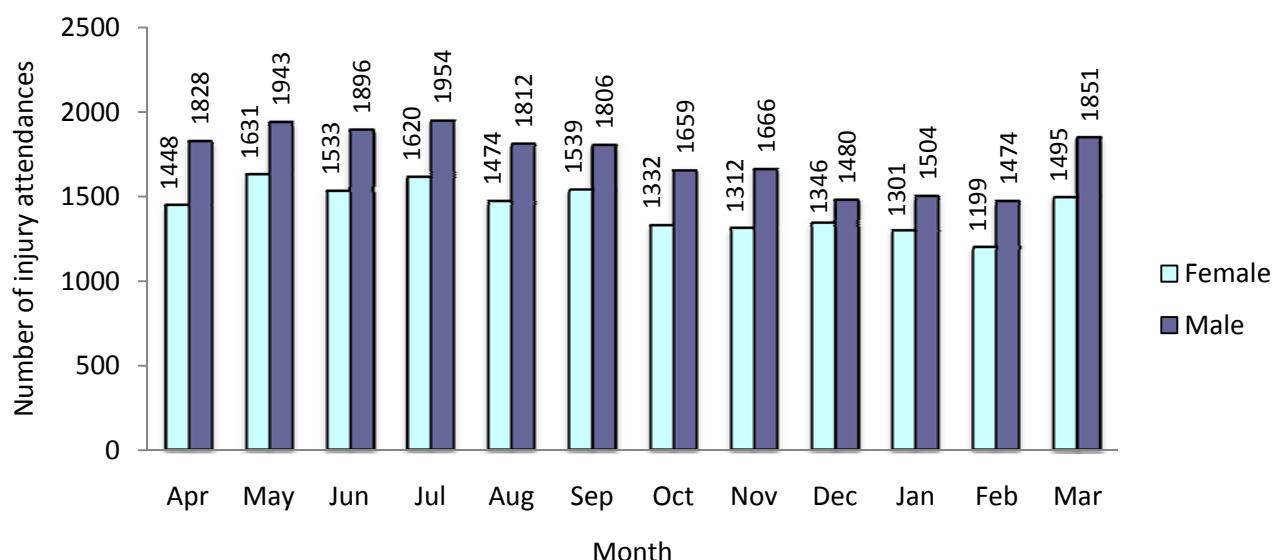


Table 1: Wythenshawe AED: Total injury attendances by injury group, April 2008 to March 2009¹

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other injury	2735	2945	2882	2988	2689	2760	2437	2411	2398	2338	2250	2785	31618	83
Sports injury	253	274	229	243	215	284	195	249	119	183	188	247	2679	7
RTC	180	158	168	239	201	210	201	172	184	176	115	152	2156	6
Fall	82	167	119	78	138	70	129	103	100	82	101	126	1295	3
Assault	17	21	18	16	36	24	18	35	19	20	11	28	263	1
Burn/scald	***	***	***	***	***	***	***	***	***	***	***	***	104	0
DSH	***	***	***	***	***	***	***	***	***	***	***	***	35	0
Total	3280	3579	3429	3575	3291	3354	2994	2983	2830	2808	2677	3350	38150	100

Table 2: Wythenshawe AED: Total injury attendances by incident location, April 2008 to March 2009

Location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Not recorded	1756	1913	1834	1831	1665	1691	1582	1598	1537	1459	1451	1919	20236	53
Home	847	1031	975	993	998	916	805	773	811	839	749	833	10570	28
Sport	258	286	240	244	223	294	199	253	123	184	196	251	2751	7
Work	239	190	212	268	203	243	207	186	173	150	165	193	2429	6
RTC	180	159	168	239	202	210	201	173	186	176	116	154	2164	6
Total	3280	3579	3429	3575	3291	3354	2994	2983	2830	2808	2677	3350	38150	100

¹Please note that all numbers less than five have been suppressed (***) in line with patient confidentiality and if there is only one number less than five in a category then two numbers will be suppressed at the next level.

Figure 2: Wythenshawe AED: Total injury attendances by age group, April 2008 to March 2009

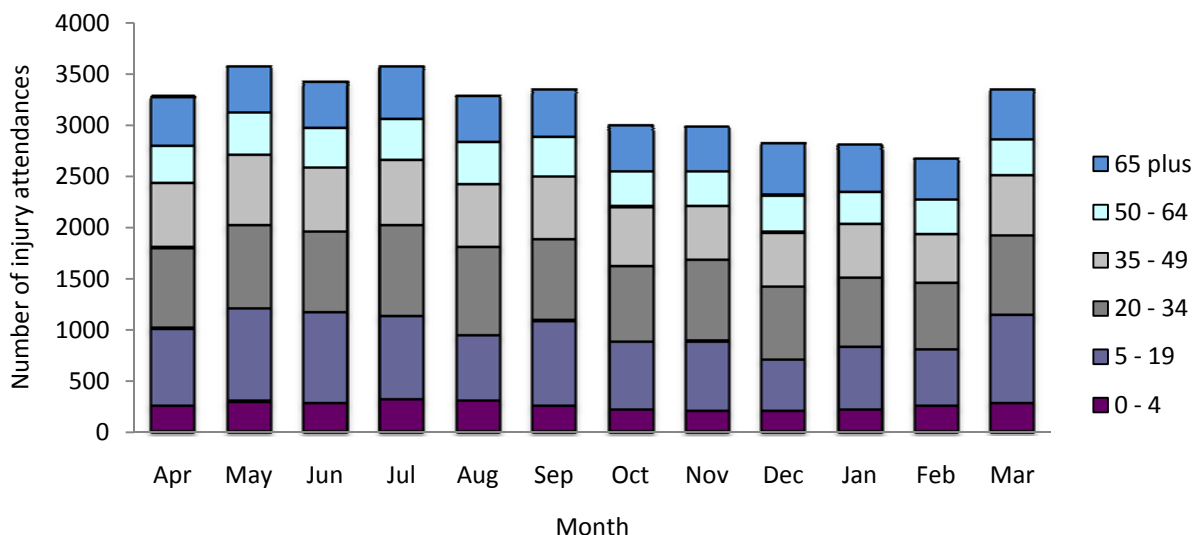


Figure 3: Wythenshawe AED: Injury attendances by age group and injury group, April 2008 to March 2009

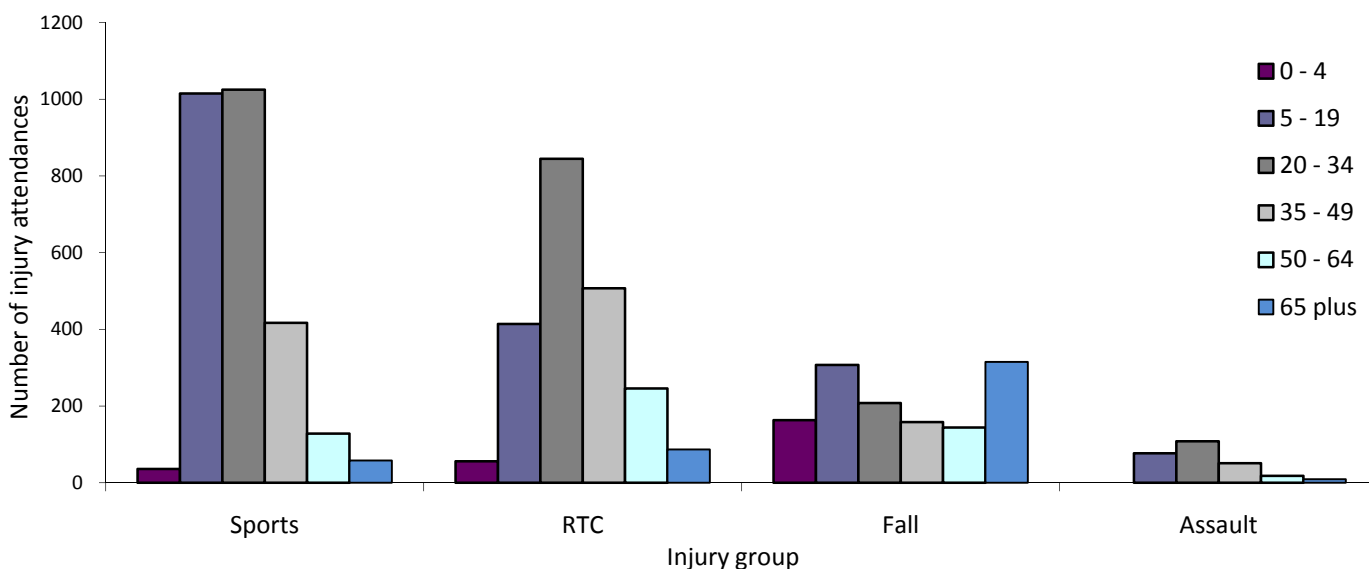


Table 3: Wythenshawe AED: Total injury attendances by ethnicity and month, April 2008 to March 2009²

Ethnic group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
White	2564	2931	2718	2827	2743	2756	2539	2550	2403	2379	2256	2833	31499	83
Not known	514	450	527	553	357	428	287	247	258	251	267	338	4477	12
Pakistani	60	51	47	46	65	42	55	66	59	51	42	46	630	2
Black	26	43	31	33	36	30	28	28	37	37	29	38	396	1
Mixed	40	27	23	47	26	32	27	34	22	29	24	39	370	1
Other ethnic group	38	33	36	33	29	32	26	22	24	29	24	21	347	1
Indian	29	30	31	25	28	29	14	28	18	19	20	23	294	1
Chinese	***	***	11	***	***	***	***	***	***	***	9	***	102	0
Bangladeshi	***	***	5	***	***	***	***	***	***	***	6	***	35	0
Total	3280	3579	3429	3575	3291	3354	2994	2983	2830	2808	2677	3350	38150	100

² White = White Irish, White British, White any other; Not known = Not stated, Not specified, Not known, Unknown; Mixed = Mixed White and Black Caribbean, Mixed White and Black African, Mixed White and Asian, Mixed any other; Other ethnic group = Any other ethnic group, Any other Asian background

Table 4: Wythenshawe AED: Total injury attendances by method of disposal and month, April 2008 to March 2009³

Method	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	2013	2215	2164	2209	2077	2159	1905	1920	1664	1695	1666	2062	23749	62
Follow-up/referred	593	675	601	641	475	550	452	482	444	482	392	561	6348	17
Admitted	477	448	479	499	492	450	445	409	537	464	448	497	5645	15
Other	197	241	185	226	247	195	192	172	185	167	171	230	2408	6
Total	3280	3579	3429	3575	3291	3354	2994	2983	2830	2808	2677	3350	38150	100

Table 5: Wythenshawe AED: Total injury attendances by method of arrival and month, April 2008 to March 2009

Method	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Not Known*	2664	3000	2851	2901	2694	2789	2406	2408	2251	2295	2119	2790	31168	82
Ambulance	616	579	578	674	597	565	588	575	579	513	558	560	6982	18
Total	3280	3579	3429	3575	3291	3354	2994	2983	2830	2808	2677	3350	38150	100

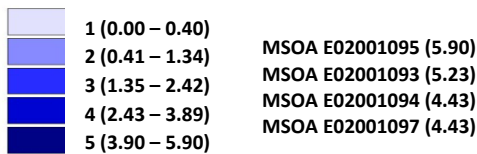
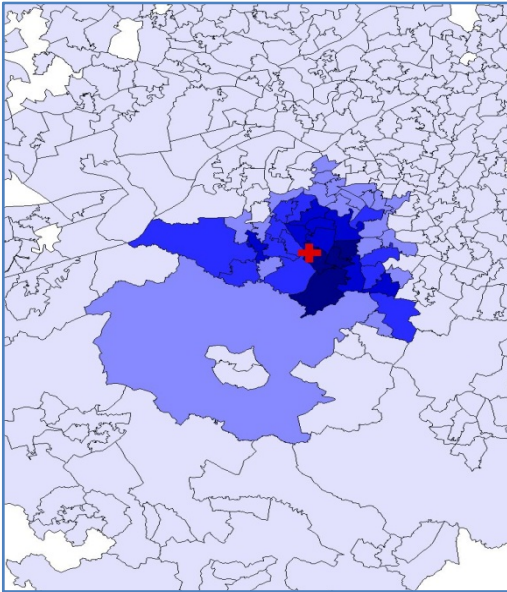
*Due to low numbers (n=15) arrival by helicopter was included in Not Known for the purposes of this report

³ Admitted=admitted to AED bed/became a lodged patient of the same health care provider; Discharged=discharged - did not require any follow up treatment; Referred/follow-up =discharged - follow up treatment to be provided by GP, referred to AED 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.

Figure 5a,b,c,d: Middle Super Output Area of residence for injury attendances to Wythenshawe AED. Quintiles of crude rates per 1,000 population, April 2008 to March 2009

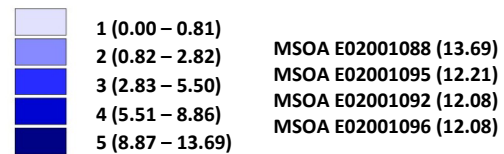
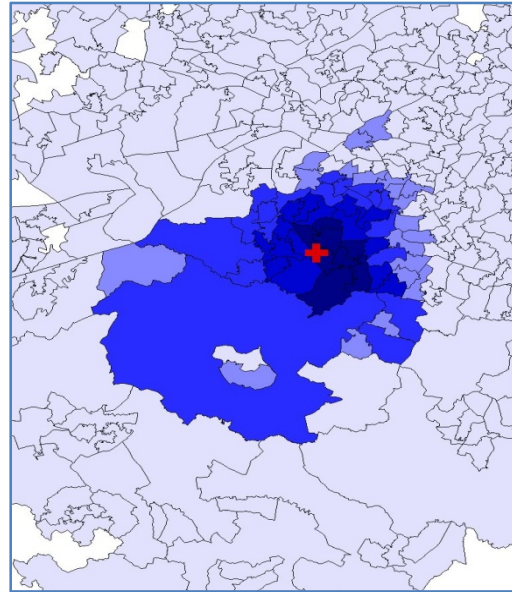
a) Falls: quintiles of crude rates per 1,000 population

✚ Wythenshawe AED



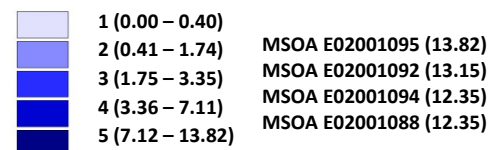
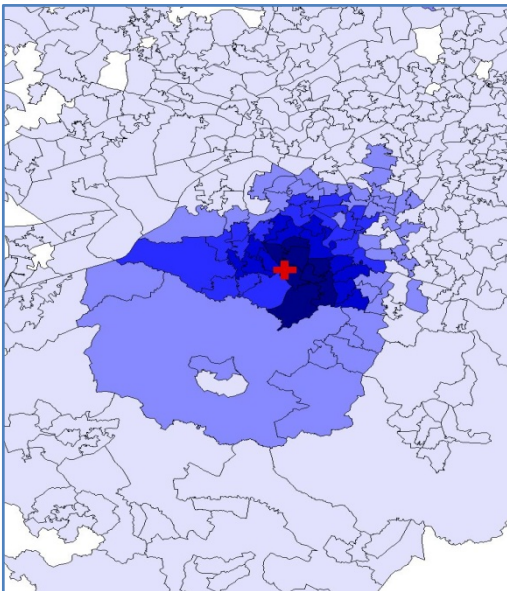
b) Sports injuries: quintiles of crude rates per 1,000 population

✚ Wythenshawe AED



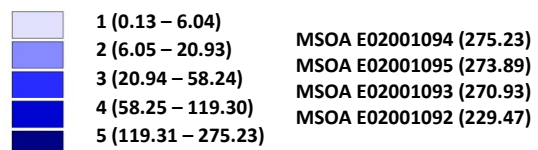
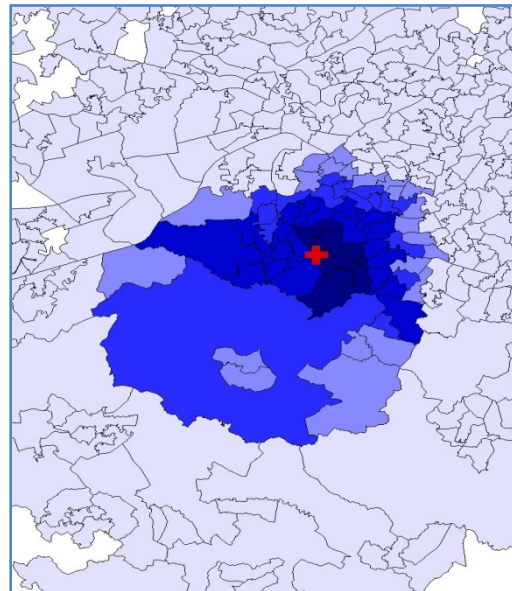
c) RTCs: quintiles of crude rates per 1,000 population

✚ Wythenshawe AED



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

✚ Wythenshawe AED



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