



TIIG

INJURY SURVEILLANCE IN THE NORTH WEST OF ENGLAND

Injury attendances to Wythenshawe Hospital Emergency Department

April 2013 to March 2014

This report summarises recorded injury attendances to Wythenshawe Hospital Emergency Department (ED) between April 2013 and March 2014.

Between April 2013 and March 2014 there were 13,096 injury attendances to Wythenshawe Hospital ED. Males accounted for over half (54%) of all attendances. The month with the highest attendances was December (n=1,257) with August having the lowest attendances (n=990) (**Figure 1**). Falls (50%) accounted for the highest proportion of injuries, followed by sports injury (18%), road traffic collision (RTC) (16%), and burns and scalds (6%) (**Table 1**).

For all injuries the highest proportion of attendances were for persons aged 20 to 34 (24%) and 5 to 19 (22%) years (**Figure 2**). Close to four in ten (37%) of fall attendees were aged 65 or over. Approximately four in ten sports injury attendees were aged 5 to 19 years (38%) or 20 to 34 years (39%). Close to four in ten (39%) RTC attendees were aged 20 to 34 years (**Figure 3**).

Table 2 shows the ethnicity of injury attendees to Wythenshawe Hospital ED. The large majority (88%) were white.

The disposal of a patient can give an indication of the severity of the injuries sustained. Over six in ten (61%) of attendees were discharged, 19% were

referred and 18% were admitted to hospital (**Table 3**). Over four-fifths (83%) of RTC attendees were discharged. Almost four in ten (39%) of burns and scald attendees were referred for follow-up treatment. Nearly four in ten (38%) of deliberate self-harm (DSH) attendees were admitted (**Table 4**).

Table 5 shows the arrival methods of attendances at Wythenshawe Hospital ED. Close to three in ten (29%) arrived by ambulance.

Table 6 shows the incident location of injury attendances. Over a third (35%) occurred in the home whilst 6% occurred in a public place.

Table 7 presents data for assault attendances to Wythenshawe Hospital ED. There were 607 assault attendances recorded between April 2013 and March 2014. Seven in ten (70%) were male and over four in ten (43%) were aged 20 to 34 years. Almost a third (32%) arrived by ambulance.

Figure 1: Wythenshawe Hospital ED: Total injury attendances by gender and month, April 2013 to March 2014¹

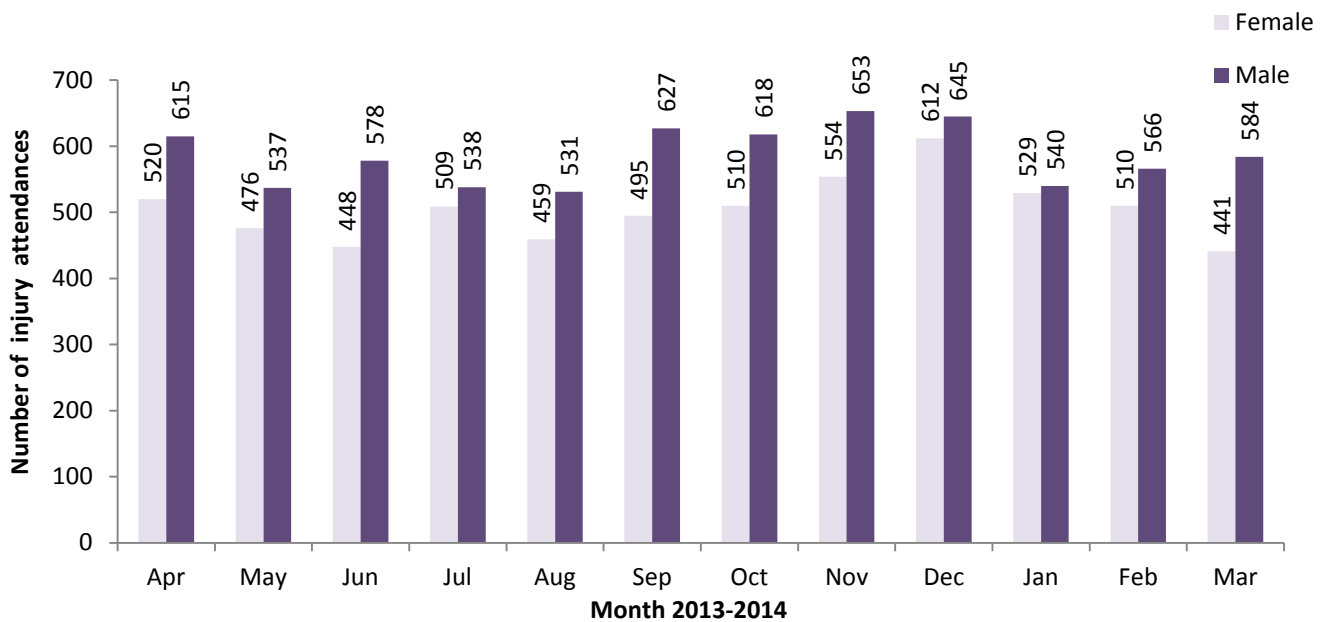
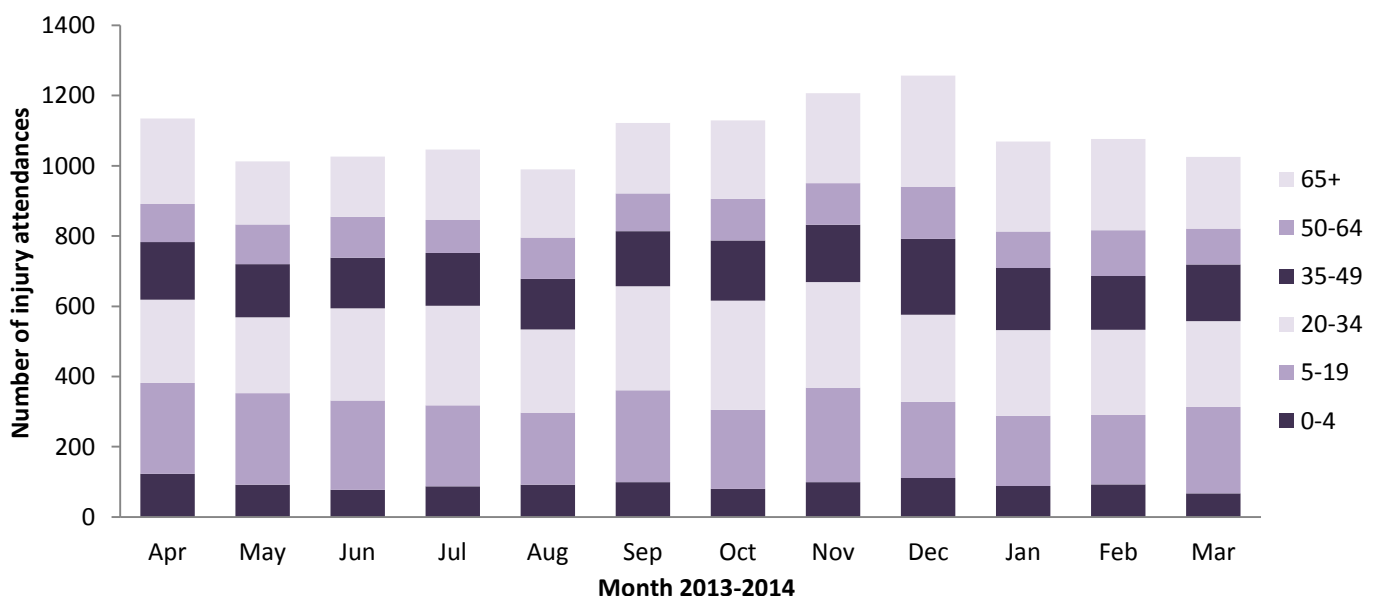


Table 1: Wythenshawe Hospital ED: Total injury attendances by injury group and month, April 2013 to March 2014^{2,3}

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Fall	643	563	495	516	496	516	492	579	701	522	559	430	6512	50
Sports injury	199	186	223	196	191	259	200	200	144	150	169	249	2366	18
RTC	147	144	176	208	183	191	222	195	156	159	130	168	2079	16
Burns and scalds	69	67	62	73	47	40	46	59	79	79	53	63	737	6
Assault	48	42	39	39	47	41	61	64	71	52	58	45	607	5
Other injury	5	***	***	***	***	62	68	59	74	49	56	42	425	3
DSH	24	<10	<30	<15	<25	13	40	51	32	58	51	28	370	3
Total	1135	1013	1026	1047	990	1122	1129	1207	1257	1069	1076	1025	13096	100

Figure 2: Wythenshawe Hospital ED: Total injury attendances by age group and month, April 2013 to March 2014⁴



¹ Please note, one attendance did not have a gender recorded. This attendance has not been included in Figure 1.

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.

³ Please note, other injury attendances from September 2013 is higher than previous months. This is because bites and stings has been added to the TIIG extract from Wythenshawe ED. Once we are able to provide a full year's worth of this data, it will be included in monthly reporting.

⁴ Please note, one attendance did not have an age recorded. This attendance has not been included in Figure 2.

Figure 3: Wythenshawe Hospital ED: Total injury attendances by age group and injury group (excluding other injury), April 2013 to March 2014

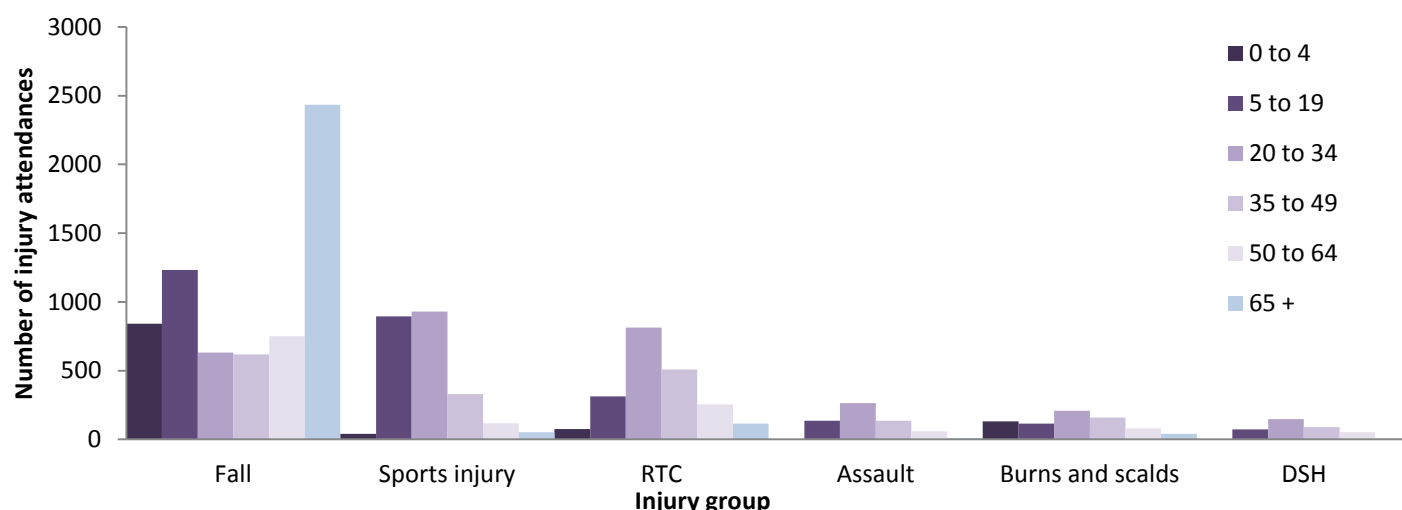


Table 2: Wythenshawe Hospital ED: Total injury attendances by ethnicity and month, April 2013 to March 2014^{5,6}

Ethnicity	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
White	1002	880	909	935	867	975	976	1072	1115	936	976	908	11551	88
Pakistani	25	29	24	26	38	35	40	34	36	35	30	29	381	3
Black	30	20	23	20	14	33	27	18	24	27	13	18	267	2
Not stated	26	25	19	16	18	21	26	33	28	14	23	16	265	2
Mixed	11	10	18	19	18	22	16	16	17	16	7	9	179	1
Indian	11	13	14	16	9	14	22	9	17	13	7	20	165	1
Any other ethnic group	13	17	13	7	11	11	11	11	12	11	9	14	140	1
Asian other	8	8	***	8	6	6	7	7	<10	10	***	8	82	1
Not known	<10	<10	***	0	<10	***	***	***	0	***	7	***	49	0
Chinese	***	***	***	0	***	***	***	***	***	***	***	***	17	0
Total	1135	1013	1026	1047	990	1122	1129	1207	1257	1069	1076	1025	13096	100

Table 3: Wythenshawe Hospital ED: Total injury attendances by method of disposal and month, April 2013 to March 2014⁷

Disposal	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	666	584	622	632	593	714	694	746	738	630	661	666	7946	61
Referral/follow-up	237	228	198	198	184	210	213	208	198	207	179	164	2424	19
Admitted	193	174	179	165	179	164	193	222	282	207	214	172	2344	18
Other	39	27	27	52	34	34	29	31	39	25	22	23	382	3
Total	1135	1013	1026	1047	990	1122	1129	1207	1257	1069	1076	1025	13096	100

Table 4: Wythenshawe Hospital ED: Total injury attendances by method of disposal and injury group (excluding other injury), April 2013 to March 2014

Disposal	Assault		Burns and scalds		DSH		Fall		RTC		Sports injury		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Discharged	361	59	370	50	140	38	3519	54	1719	83	1548	65	7657	60
Referral/follow-up	100	16	289	39	48	13	1212	19	107	5	625	26	2381	19
Admitted	114	19	65	9	156	42	1645	25	175	8	107	5	2262	18
Other	32	5	13	2	26	7	136	2	78	4	86	4	371	3
Total	607	100	737	100	370	100	6512	100	2079	100	2366	100	12671	100

⁵ 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

⁶ White=Irish, British, other white background; Mixed=white and black, white and Asian, mixed any other; Black=African, Caribbean, other black.

⁷ 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, April 2013 to March 2014

Arrival mode	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown/other	819	743	758	770	694	876	799	872	841	697	720	734	9323	71
Ambulance	316	270	268	277	296	246	330	335	416	372	356	291	3773	29
Total	1135	1013	1026	1047	990	1122	1129	1207	1257	1069	1076	1025	13096	100

Table 6: Wythenshawe Hospital ED: Total injury attendances by location of incident and injury group (excluding other injury), April 2013 to March 2014⁸

Location	Assault		Burns & scalds		DSH		Fall		RTC		Sports injury		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Home	179	29	421	57	207	56	3604	55	0	0	0	0	4411	35
Sport	8	1	<10	1	***	1	271	4	0	0	2366	100	2654	21
Not recorded	148	24	174	24	125	34	1155	18	0	0	0	0	1602	13
RTC	***	0	***	0	***	0	37	1	2079	100	0	0	2121	17
Public place	114	19	24	3	15	4	644	10	0	0	0	0	797	6
School/college	21	3	9	1	7	2	312	5	0	0	0	0	349	3
Street	68	11	***	0	***	1	202	3	0	0	0	0	275	2
Work	32	5	80	11	0	0	137	2	0	0	0	0	249	2
Another's home	24	4	17	2	11	3	141	2	0	0	0	0	193	2
Bar/pub	9	1	0	0	0	0	<10	0	0	0	0	0	<20	0
Club	***	0	0	0	0	0	***	0	0	0	0	0	***	0
Total	607	100	737	100	370	100	6512	100	2079	100	2366	100	12671	100

Table 7: Wythenshawe Hospital ED: Assault attendances by gender, arrival mode and age group, April 2013 to March 2014⁸

Injury type	Assault attendees (n=607)		All injuries % (n=13,096)	
	n	%	n	%
Gender				
Female	181	30		46
Male	426	70		54
Arrival mode				
Ambulance	196	32		29
Other	411	68		71
Age group				
0 - 4	***	0		8
5-19	135	22		22
20 – 34	264	43		24
35 - 49	135	22		15
50 - 64	59	10		11
65 plus	<15	2		21

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