

Trauma and Injury Intelligence Group Biannual Bulletin

Trafford General Hospital Emergency Department
April 2014 to March 2015

July 2015



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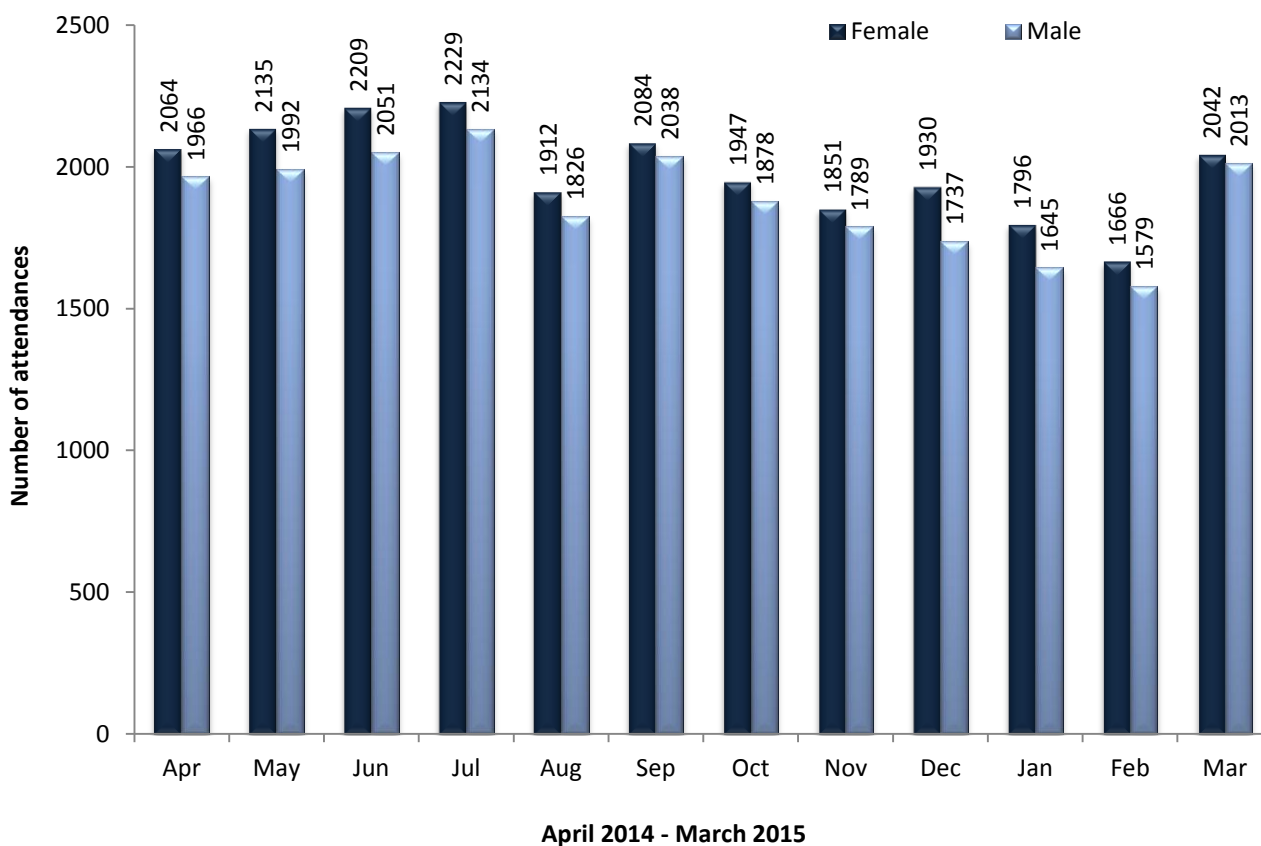
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ALL INJURY ATTENDANCES

This bulletin provides a breakdown of all injury attendances to Trafford General Hospital Emergency Department (ED) between April 2014 and March 2015. During this twelve month period there were 46,516 injury attendances to the ED. The month with the highest injury attendances, calculated as a daily average, was June 2014 (142 per day), while January 2015 had the fewest attendances (111 per day; figure 1). Females accounted for just over half (51%) of all injury attendances (figure 1).

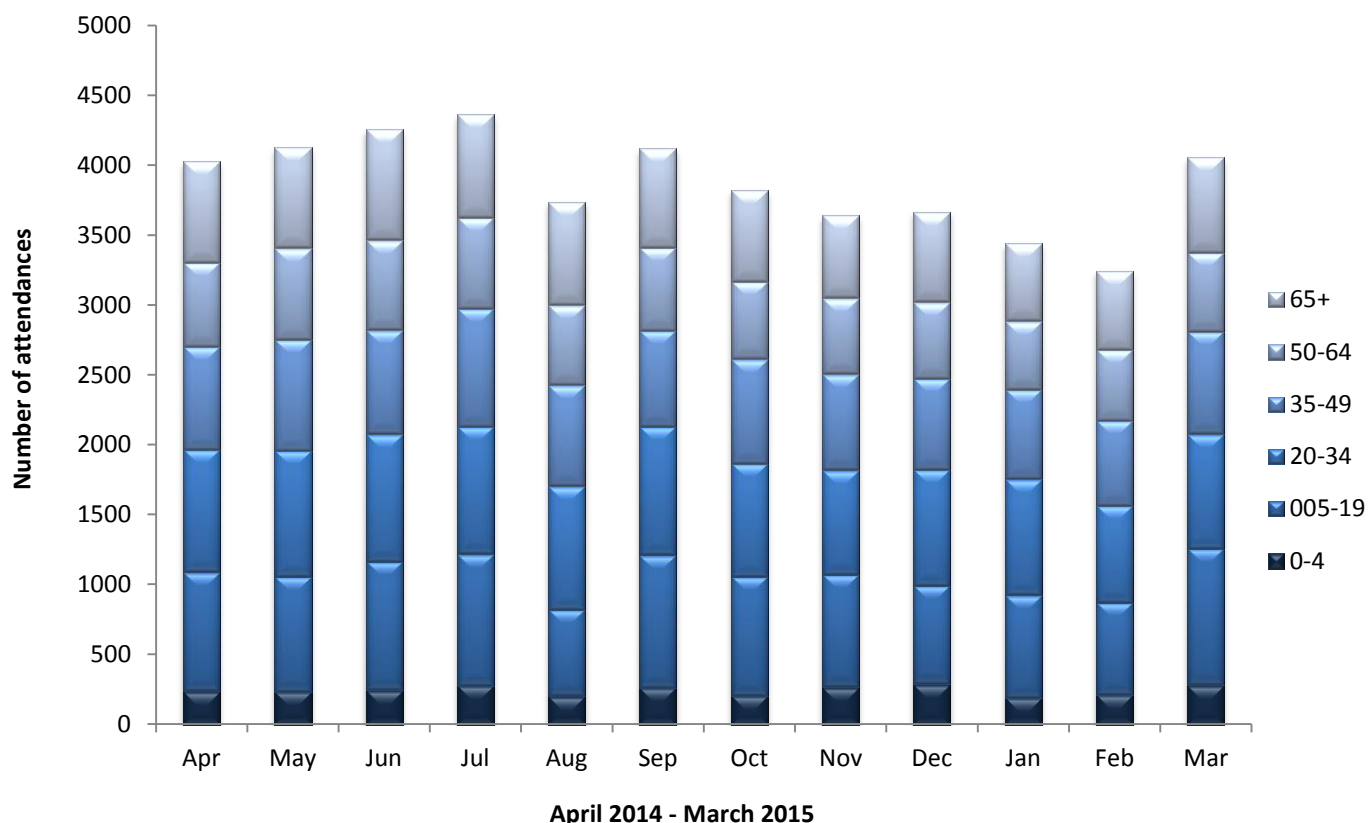
Figure 1: ED injury attendances by gender and month, April 2014 to March 2015⁺



⁺ There were less than five records where the gender was unknown; these have been omitted from the chart.

The highest proportion of attendances was for people aged between 20 and 34 years (22%; figure 2).

Figure 2: ED injury attendances by age group and month, April 2014 to March 2015[§]



[§] There were <5 records where the age was unknown; these have been omitted from the chart.

The majority (93%) of attendances were recorded as ‘other’ injuries. Sports injuries accounted for 3% of all injury attendances while 2% were sustained by road traffic collisions (RTCs; table 1).

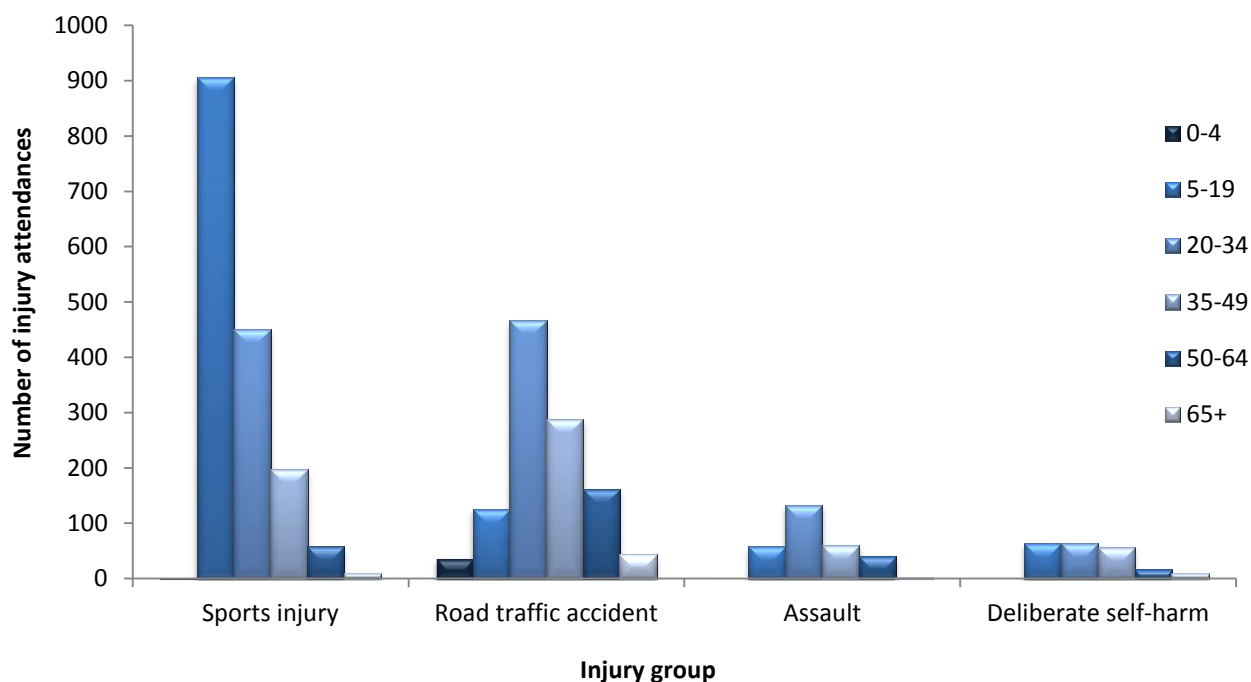
Table 1: ED injury attendances by injury group and month, April 2014 to March 2015[^]

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other accident	3726	3856	3967	4130	3536	3753	3525	3371	3477	3210	2985	3729	43265	93
Sports injury	179	119	131	86	86	229	166	139	65	93	133	198	1624	3
Road traffic accident	82	115	101	90	75	98	102	91	93	100	95	82	1124	2
Assault	23	19	36	26	23	22	21	27	19	28	18	32	294	1
Deliberate self-harm	20	18	25	31	18	20	11	12	13	12	14	15	209	0
Total	4030	4127	4260	4363	3738	4122	3825	3640	3667	3443	3245	4056	46516	100

[^] Firework records included in other accident due to low numbers, (n=<5).

Almost six in ten (56%) of sports injury attendees were aged between 5 and 19 years and just over four in ten (42%) RTC attendees were aged between 20 and 34 years (figure 3).

Figure 3: ED injury attendances by age group and injury group (excluding other accident), April 2014 to March 2015*



* There were less than five records where age was unknown; these have been omitted from the chart.

Table 2 shows the ethnicity of attendees to Trafford General ED. Over eight in ten (83%) were recorded as White.

Table 2: ED injury attendances by ethnicity and month, April 2014 to March 2015^{1,2}

Ethnicity	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
White	3517	3554	3781	3881	3285	3605	3374	3174	3167	2994	2829	1336	38497	83
Pakistani	94	123	117	91	112	124	90	96	104	90	94	253	1388	3
Black	90	90	70	70	69	66	74	66	62	59	62	224	1002	2
Mixed	76	94	75	85	67	91	78	77	71	80	74	85	953	2
Indian	77	81	90	72	61	99	69	85	82	67	76	52	911	2
Other ethnic group	83	80	71	55	50	52	63	57	59	51	46	156	823	2
Not stated	64	50	0	52	47	35	34	37	59	52	22	18	470	1
Asian other	<15	22	27	26	20	23	22	18	16	19	<25	81	305	1
Not known	0	8	10	11	<15	6	***	9	10	14	<10	1775	1863	4
Chinese	15	17	14	14	14	14	9	13	21	10	7	47	195	0
Bangladeshi	***	8	5	6	***	7	<10	8	16	7	7	29	109	0
Total	4030	4127	4260	4363	3738	4122	3825	3640	3667	3443	3245	4056	46516	100

¹ Please note that for all tables, all numbers less than five have been suppressed (***) in line with patient confidentiality. If there is only one number less than five in a category then two numbers will be suppressed to prevent back calculation from totals.

² White = Irish, British, other White background; Mixed = White and Black, White and Asian, mixed - any other; Black = African, Caribbean, other Black.

The disposal of a patient can give an indication of the severity of the injuries sustained. Forty-eight per cent of attendees were referred for further treatment, two-fifths (40%) were discharged with no follow-up treatment required and 6% were admitted to hospital (table 3).

Table 3: ED injury attendances by disposal method and month, April 2014 to March 2015

Disposal method	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Referral/follow-up	1912	2063	2223	2161	1662	2020	1922	1809	1741	1662	1459	1828	22462	48
Discharged	1632	1559	1531	1711	1625	1621	1482	1435	1444	1334	1392	1734	18500	40
Admitted	240	246	246	240	218	226	236	219	272	280	235	247	2905	6
Other	246	259	260	251	233	255	185	177	210	167	159	247	2649	6
Total	4030	4127	4260	4363	3738	4122	3825	3640	3667	3443	3245	4056	46516	100

Over half (54%) RTC attendees were discharged, almost half (49%) of sports injury attendees, and six in ten (60%) deliberate self-harm (DSH) attendees, were referred for further treatment (table 4).

Table 4: ED injury attendances by disposal method and injury group April 2014 to March 2015^{1^}

Disposal method	Assault		DSH		RTC		Other accident		Sports injury		Total	
	n	%	n	%	n	%	n	%	n	%	n	%
Referral/follow-up	138	47	126	60	484	43	20917	48	797	49	22462	48
Discharged	130	44	26	12	610	54	16947	39	787	48	18500	40
Admitted	12	4	39	19	***	0	2845	7	<10	0	2905	6
Other	14	5	18	9	<30	2	2556	6	<40	2	2649	6
Total	294	100	209	100	1124	100	43265	100	1624	100	46516	100

^{1^} Due to low numbers, firework-related injuries were included in 'other accident' (n=<5).

Table 5 shows the arrival mode of attendees to Trafford General ED. Ninety-seven percent of attendees arrived by other transport, compared to 3% of attendees who arrived by ambulance.

Table 5: ED injury attendances by arrival mode and month, April 2014 to March 2015

Arrival mode	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other	3884	3968	4113	4230	3603	4003	3679	3531	3562	3338	3127	3940	44978	97
Ambulance	146	159	147	133	135	119	146	109	105	105	118	116	1538	3
Total	4030	4127	4260	4363	3738	4122	3825	3640	3667	3443	3245	4056	46516	100

ASSAULT ATTENDANCES

Between April 2014 and March 2015 there were 294 assault-related injury attendances to Trafford General Hospital ED. Two thirds (66%) of assault attendees were male, and over four in ten (45%) were aged between 20 and 34 years. Four per cent of assault-related attendees arrived at the ED by ambulance (table 6).

Table 6: ED assault attendances by gender, arrival mode and age group, April 2014 to March 2015¹

	Assault attendances (n=294)		All injury attendances (n=46,516)
	n	%	%
Gender			
Female	100	34	51
Male	194	66	49
Arrival mode			
Other	281	96	97
Ambulance	13	4	3
Age group			
0 - 4	***	0	6
5 - 19	58	20	21
20 - 34	132	45	22
35 - 49	60	20	18
50 - 64	41	14	15
65 plus	***	1	17