

Trauma and Injury Intelligence Group Biannual Bulletin

Trafford General Hospital Emergency Department
October 2014 to September 2015

December 2015



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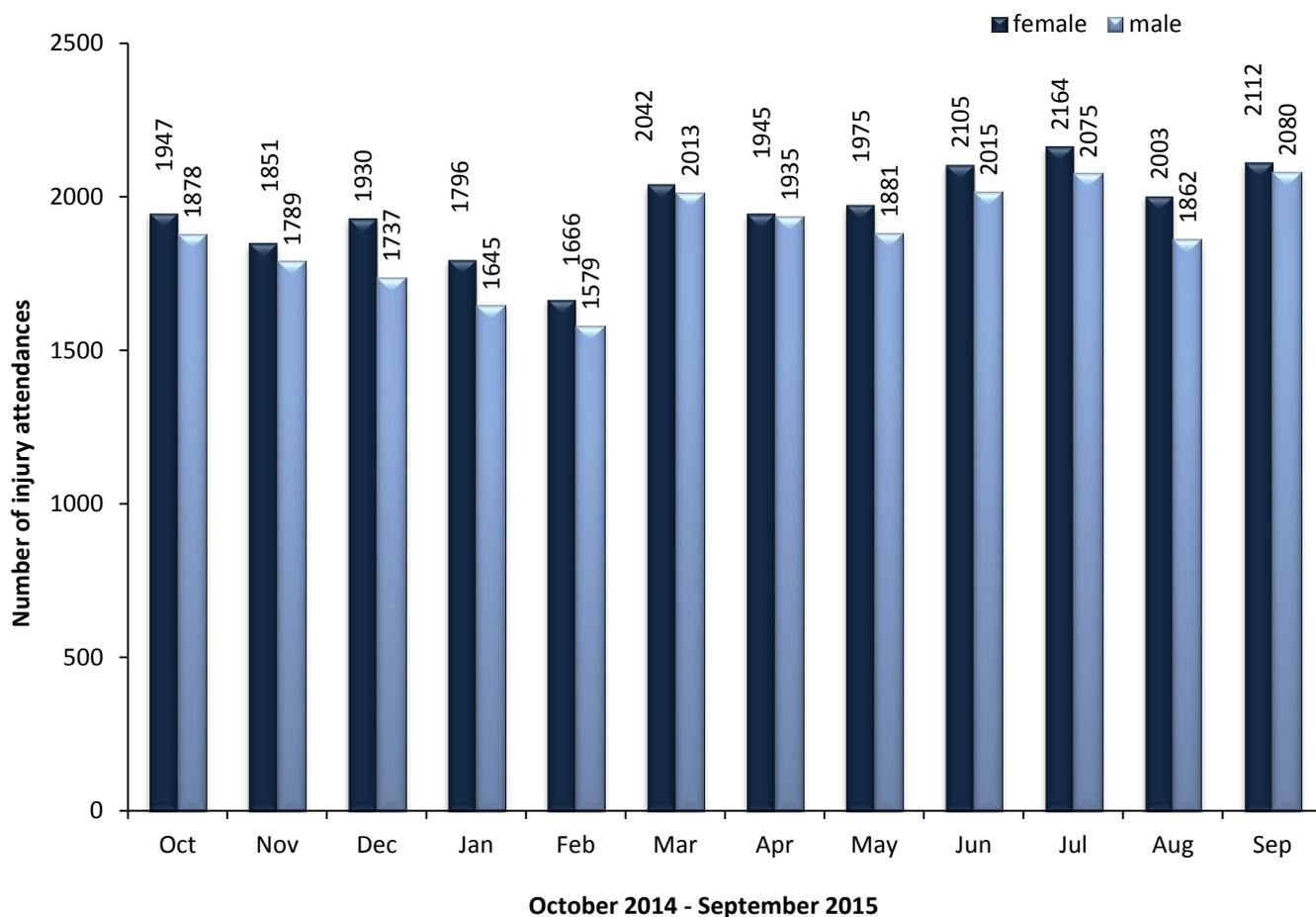
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ALL INJURY ATTENDANCES

This bulletin provides a breakdown of all injury attendances to Trafford General Hospital Emergency Department (ED) between October 2014 and September 2015. During this twelve month period there were 46,033 injury attendances to the ED. The month with the highest injury attendances, calculated as a daily average, was September 2015 (140 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).

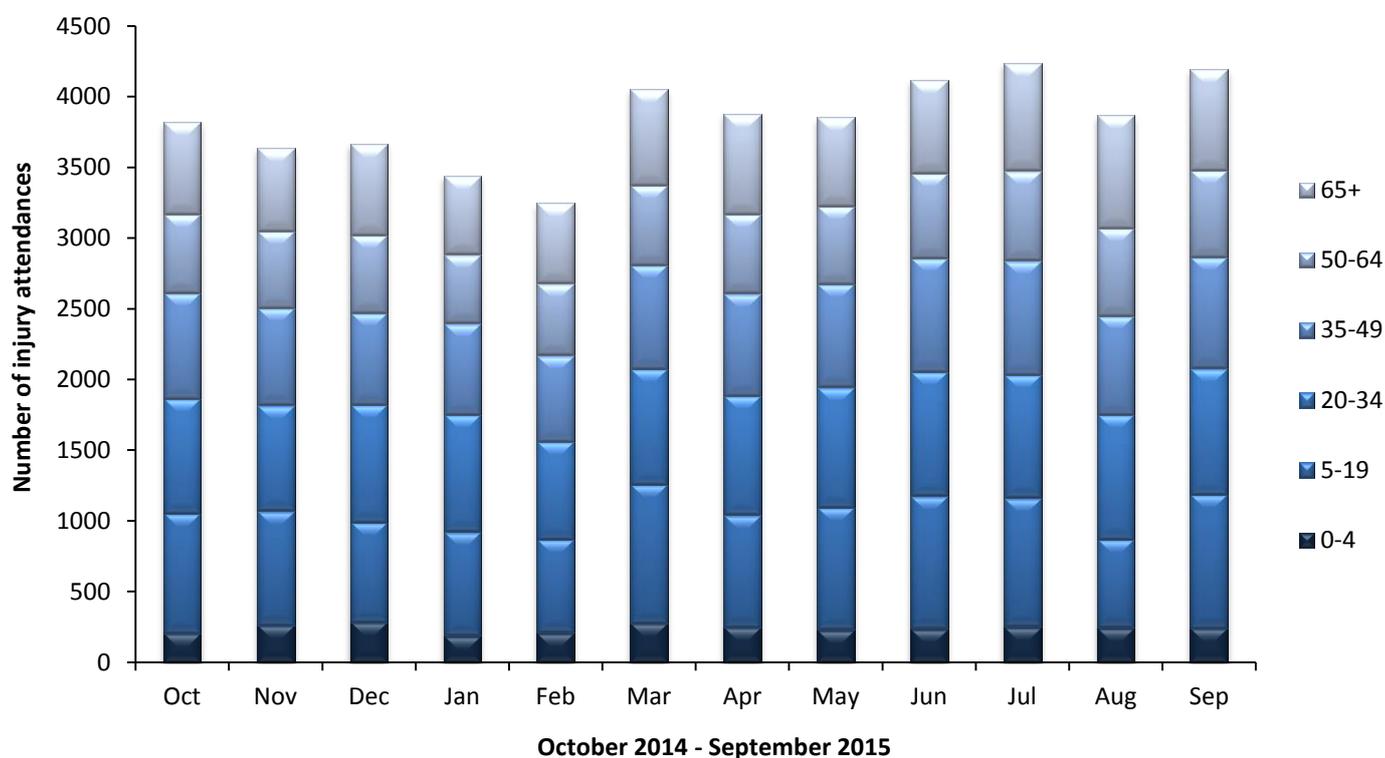
Figure 1: ED injury attendances by gender and month, October 2014 to September 2015⁺



⁺ There were 8 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, October 2014 to September 2015[§]



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

The majority (94%) 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, October 2014 to September 2015^{1^}

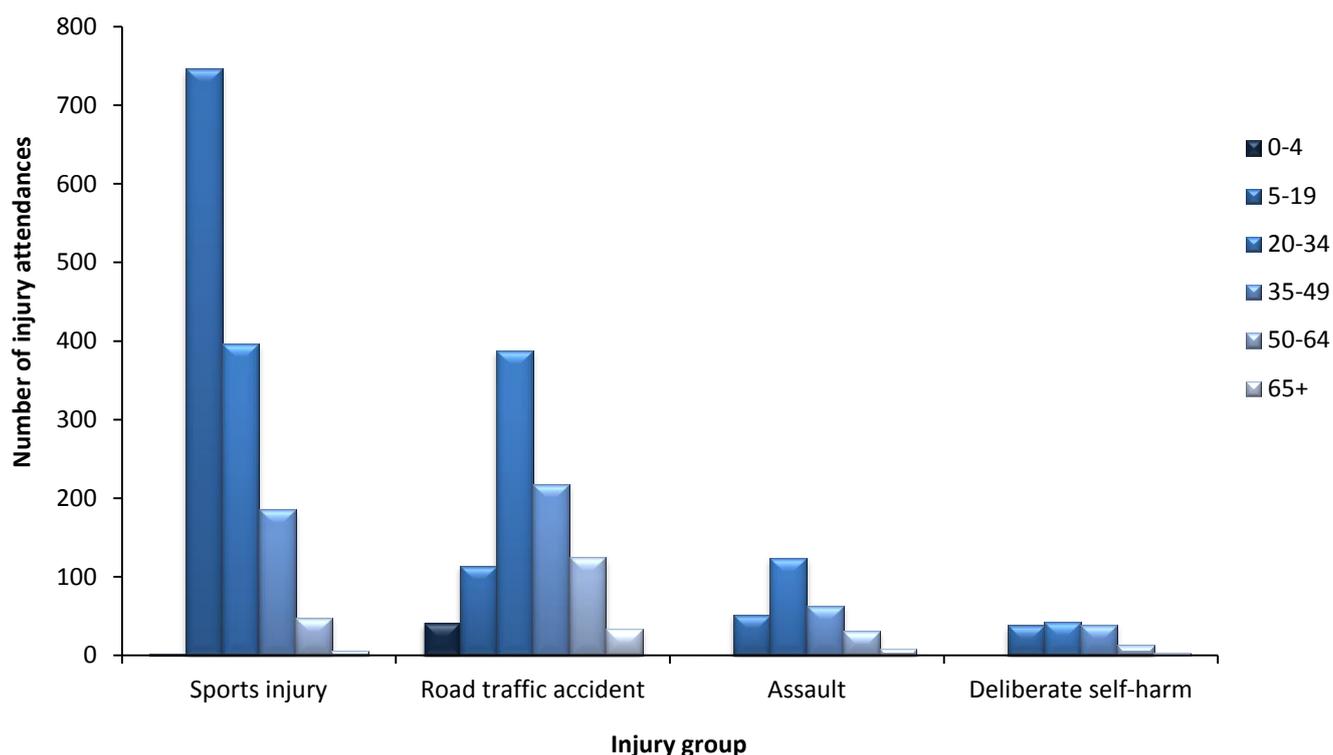
Injury group	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Other accident	3525	3371	3477	3210	2985	3729	3631	3662	3937	4073	3731	3980	43311	94
Sports injury	166	139	65	93	133	198	146	84	99	62	60	141	1386	3
Road traffic accident	102	91	93	100	95	82	73	71	51	63	55	44	920	2
Assault	21	27	19	28	18	32	<30	20	24	31	<20	18	280	1
Deliberate self-harm	11	12	13	12	14	15	***	20	9	10	<10	10	136	0
Total	3825	3640	3667	3443	3245	4056	3880	3857	4120	4239	3868	4193	46033	100

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

Over half (54%) 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).

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.

Figure 3: ED injury attendances by age group and injury group (excluding other accident), October 2014 to September 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 (82%) were recorded as White.

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

Ethnicity	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
White	3374	3174	3167	2994	2829	1336	3349	3313	3547	3734	3353	3592	37762	82
Not known	***	9	10	14	7	1775	<15	9	25	10	<20	41	1932	4
Pakistani	90	96	104	90	94	253	108	114	110	96	105	105	1365	3
Indian	69	85	82	67	76	156	85	71	73	72	72	88	996	2
Mixed	78	77	71	80	74	52	82	81	80	71	66	79	891	2
Black	74	66	62	59	62	85	81	63	82	108	73	62	877	2
Not stated	34	37	59	52	22	224	49	69	67	47	56	84	800	2
Other ethnic group	63	57	59	51	46	18	71	68	73	55	66	70	697	2
Asian other	22	18	16	19	21	81	23	45	33	21	41	45	385	1
Chinese	9	13	21	10	7	47	18	18	16	19	14	18	210	0
Bangladeshi	<10	8	16	7	7	29	***	6	14	6	***	9	118	0
Total	3825	3640	3667	3443	3245	4056	3880	3857	4120	4239	3868	4193	46033	100

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, October 2014 to September 2015³

Disposal method	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Referral/follow-up	1922	1809	1741	1662	1459	1828	1781	1874	2016	1999	1797	2117	22005	48
Discharged	1482	1435	1444	1334	1392	1734	1632	1497	1630	1725	1623	1612	18540	40
Admitted	236	219	272	280	235	247	218	225	200	232	213	239	2816	6
Other	185	177	210	167	159	247	249	261	274	283	235	225	2672	6
Total	3825	3640	3667	3443	3245	4056	3880	3857	4120	4239	3868	4193	46033	100

Almost six in ten (56%) RTC attendees were discharged, while half (50%) of sports injury attendees and over half (52%) of deliberate self-harm (DSH) attendees were referred for further treatment (table 4).

Table 4: ED injury attendances by disposal method and injury group October 2014 to September 2015^{1,3,^}

Disposal method	Assault		DSH		RTC		Other accident		Sports injury		Total	
	n	%	n	%	n	%	n	%	n	%	n	%
Referral/follow-up	135	48	71	52	374	41	20728	48	697	50	22005	48
Discharged	120	43	19	14	515	56	17244	40	642	46	18540	40
Admitted	12	4	25	18	***	0	2768	6	<15	1	2816	6
Other	13	5	21	15	<35	3	2571	6	<40	3	2672	6
Total	280	100	136	100	920	100	43311	100	1386	100	46033	100

[^] 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, October 2014 to September 2015

Arrival mode	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Other	3679	3531	3562	3338	3127	3940	3780	3743	4016	4129	3732	4084	44661	97
Ambulance	146	109	105	105	118	116	100	114	104	110	136	109	1372	3
Total	3825	3640	3667	3443	3245	4056	3880	3857	4120	4239	3868	4193	46033	100

³ Admitted = admitted to hospital bed; 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; Other = died in department, left department before being treated, left department having refused treatment.

ASSAULT ATTENDANCES

Between October 2014 and September 2015 there were 280 assault-related injury attendances to Trafford General Hospital ED. Almost two thirds (65%) of assault attendees were male, and over four in ten (44%) were aged between 20 and 34 years. Six 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, October 2014 to September 2015¹

	Assault attendances (n=280)		All injury attendances (n=46,033)
	n	%	%
Gender			
Female	98	35	51
Male	182	65	49
Arrival mode			
Other	263	94	97
Ambulance	17	6	3
Age group			
0 - 4	***	0	6
5 - 19	52	19	21
20 - 34	124	44	22
35 - 49	63	23	19
50 - 64	31	11	15
65 plus	<10	3	17