

# Trauma and Injury Intelligence Group Biannual Bulletin

Stepping Hill Hospital Emergency Department  
October 2014 to September 2015

December 2015



Centre for Public Health,  
Faculty of Education, Health and Community,  
Liverpool John Moores University,  
Henry Cotton Campus,  
15-21 Webster Street,  
Liverpool, L3 2ET

[cph.org.uk](http://cph.org.uk)

0151 231 4500

[tiig@ljmu.ac.uk](mailto:tiig@ljmu.ac.uk)

[tiig.info](http://tiig.info)

[twitter.com/tiig\\_cph](https://twitter.com/tiig_cph)

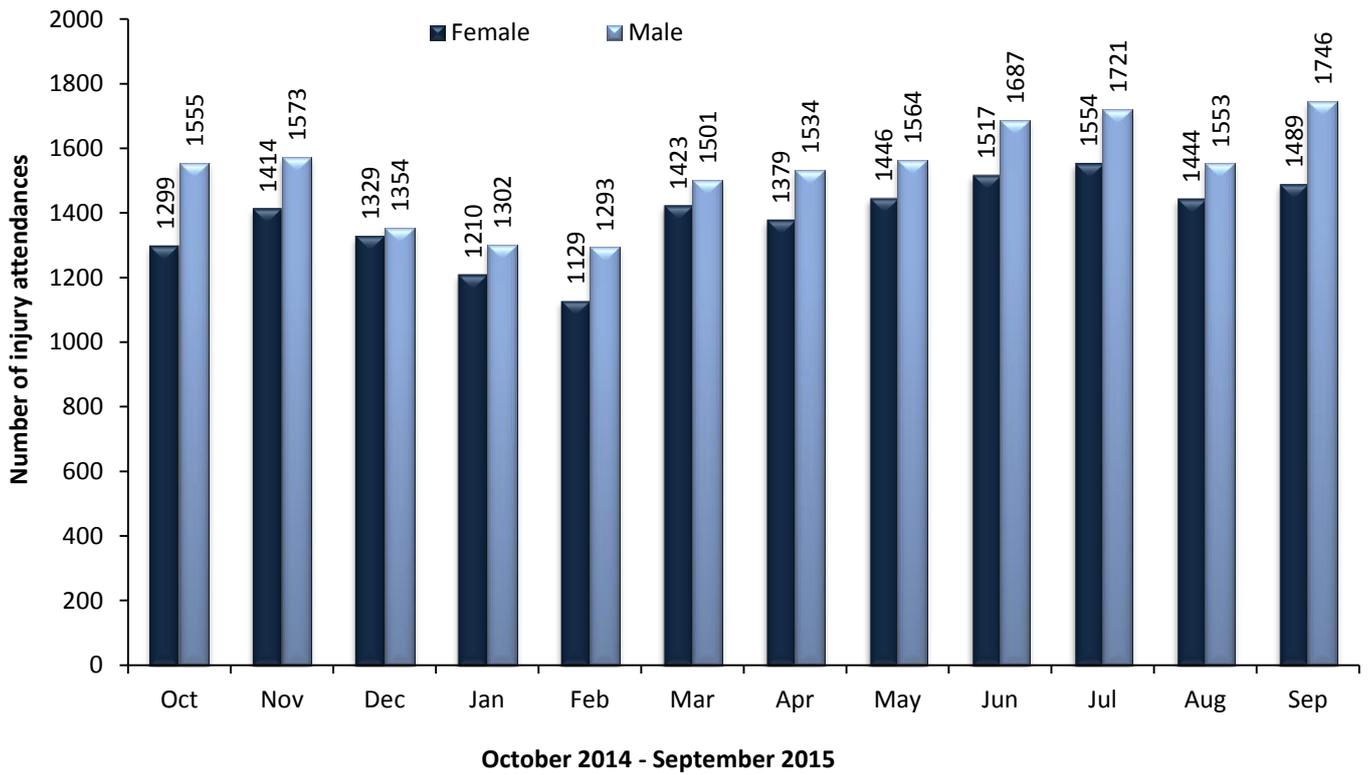
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# ALL INJURY ATTENDANCES

This bulletin provides a breakdown of all injury attendances to Stepping Hill Hospital Emergency Department (ED) between October 2014 and September 2015. During this twelve month period there were 35,018 injury attendances to the ED. The month with the highest number of attendances, calculated as a daily average, was September 2015 (108 per day), while January 2015 had the fewest attendances (81 per day; figure 1). Males accounted for just over half (52%) of all attendances (figure 1).

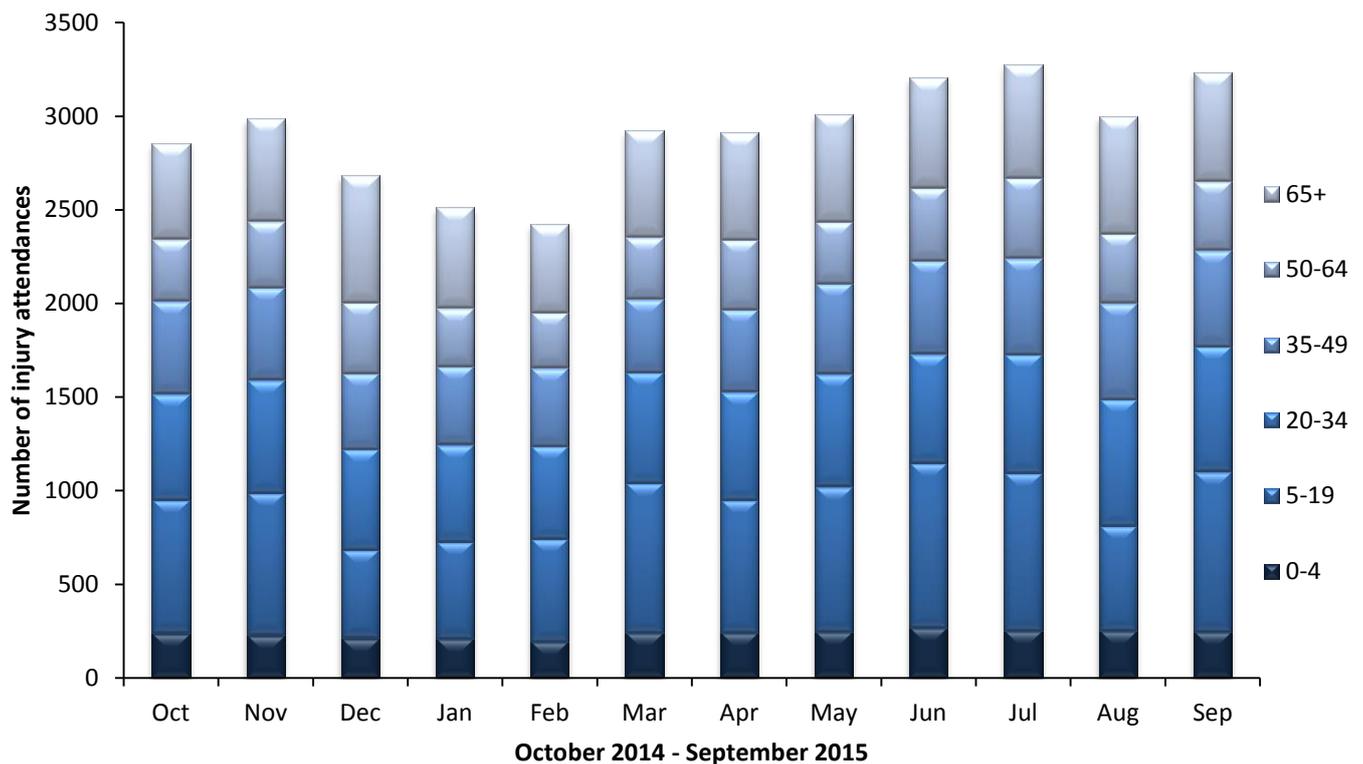
**Figure 1: ED injury attendances by gender and month, October 2014 to September 2015<sup>^</sup>**



<sup>^</sup> Records where the gender was unknown have been omitted, (n=<5)

The largest proportion of attendances was for those aged between 5 and 19 years (24%), while those aged between 20 and 34 years and aged 65 years and over accounted for 20% each (figure 2).

**Figure 2: ED injury attendances by age group and month, October 2014 to September 2015**



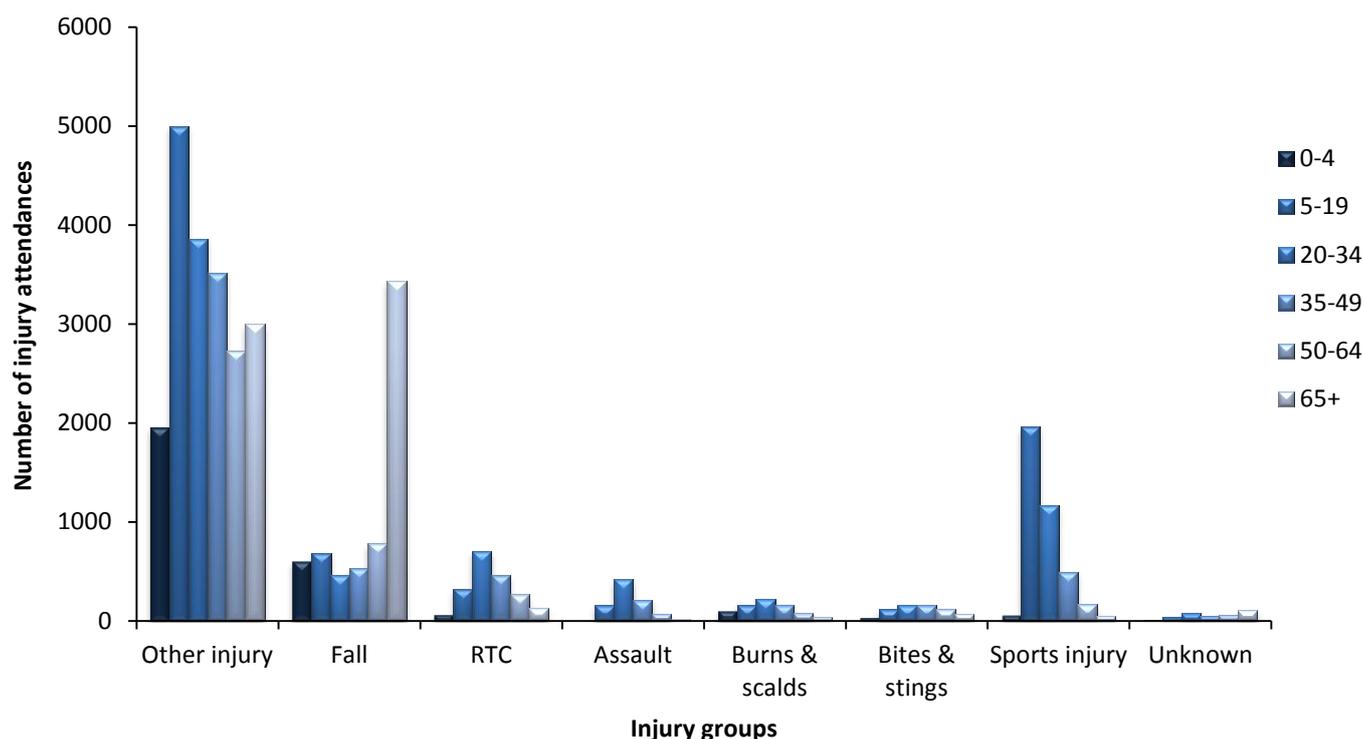
The majority (58%) of attendances did not have a specific injury group recorded. Of the specified injury groups, falls accounted for the highest proportion (19%), followed by sports injury (11%) and road traffic collisions (RTC, 6%; table 1).

**Table 1: ED injury attendances by injury group and month, October 2014 to September 2015**

Injury group	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
<b>Other injury</b>	1708	1672	1618	1535	1499	1682	1610	1620	1846	1834	1750	1845	20219	58
<b>Fall</b>	425	525	540	442	383	540	599	585	593	689	639	536	6496	19
<b>Sports injury</b>	401	381	197	229	275	381	364	352	335	319	244	424	3902	11
<b>RTC</b>	151	199	156	143	120	143	156	182	169	192	148	199	1958	6
<b>Assault</b>	67	106	71	68	62	61	58	94	80	70	73	61	871	2
<b>Burns &amp; scalds</b>	58	62	63	57	54	79	41	79	62	72	69	64	760	2
<b>Bites &amp; stings</b>	44	42	38	39	29	38	49	65	81	100	74	61	660	2
<b>Unknown</b>	0	0	0	0	0	0	36	33	38	0	0	45	152	0
<b>Total</b>	2854	2987	2683	2513	2422	2924	2913	3010	3204	3276	2997	3235	35018	100

Over half (53%) of fall attendees were aged 65 years or over, close to half (48%) of assault attendees were aged between 20 and 34 years and almost four in ten (36%) RTC attendees were aged between 20 and 34 years (figure 3).

Figure 3: ED injury attendances by age group and injury group, October 2014 to September 2015



Of those that stated an ethnicity, the majority (89%) were White (table 2).

Table 2: ED injury attendances by ethnicity and month, October 2014 to September 2015<sup>1,2</sup>

Ethnicity	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
White	2545	2672	2339	2212	2139	2589	2593	2691	2866	2931	2641	2871	31089	89
Not stated	229	231	271	226	221	249	222	213	238	261	258	270	2889	8
Mixed	32	26	17	16	19	29	22	22	29	21	18	23	274	1
Pakistani	16	20	16	14	11	15	21	22	20	17	19	15	206	1
Any other ethnic group	6	14	8	19	7	12	13	16	18	15	20	11	159	0
Black	10	5	5	7	9	8	9	11	10	***	9	<15	100	0
Indian	<10	6	12	10	7	<10	<15	16	8	11	11	10	116	0
Any other Asian	5	10	11	7	5	11	10	12	10	9	16	10	116	0
Chinese	***	***	***	***	***	5	7	***	***	***	***	8	42	0
Bangladeshi	0	***	***	***	***	***	***	***	***	***	***	***	27	0
<b>Total</b>	<b>2854</b>	<b>2987</b>	<b>2683</b>	<b>2513</b>	<b>2422</b>	<b>2924</b>	<b>2913</b>	<b>3010</b>	<b>3204</b>	<b>3276</b>	<b>2997</b>	<b>3235</b>	<b>35018</b>	<b>100</b>

The disposal of a patient can give an indication of the severity of the injuries sustained. Over half of (52%) attendees were discharged, one third (33%) were referred for further treatment and 14% were admitted to hospital (table 3).

<sup>1</sup> 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.

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

**Table 3: ED injury attendances by disposal method and month, October 2014 to September 2015**

Disposal method	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Discharged	1616	1580	1273	1290	1289	1523	1543	1631	1700	1727	1478	1668	18318	52
Referral/follow-up	826	975	892	808	762	985	929	999	1034	1118	1067	1082	11477	33
Admitted	401	410	497	398	355	396	424	363	439	412	439	457	4991	14
Other	11	22	21	17	16	20	17	17	31	19	13	28	232	1
<b>Total</b>	<b>2854</b>	<b>2987</b>	<b>2683</b>	<b>2513</b>	<b>2422</b>	<b>2924</b>	<b>2913</b>	<b>3010</b>	<b>3204</b>	<b>3276</b>	<b>2997</b>	<b>3235</b>	<b>35018</b>	<b>100</b>

Table 4 shows the arrival method of attendees to Stepping Hill ED. Over seven in ten (71%) arrived by car and 19% by ambulance.

**Table 4: ED injury attendances by arrival mode and month, October 2014 to September 2015<sup>1</sup>**

Arrival mode	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Car	2079	2096	1814	1669	1734	2100	2107	2146	2281	2426	2141	2381	24974	71
Ambulance	516	599	597	568	481	551	564	597	596	577	564	562	6772	19
Taxi	66	97	88	87	60	88	81	90	114	79	88	77	1015	3
Bus	67	94	62	84	60	80	66	61	98	64	62	69	867	2
Walked	62	47	64	47	45	60	68	66	61	63	64	46	693	2
Other	29	30	33	23	17	21	12	17	23	28	<40	<80	345	1
Public transport	20	6	8	19	<15	14	<10	23	20	25	27	17	201	1
Police	9	18	12	16	10	<10	5	<10	<10	<15	11	5	117	0
Bicycle	6	0	5	0	***	***	***	***	***	***	***	***	34	0
<b>Total</b>	<b>2854</b>	<b>2987</b>	<b>2683</b>	<b>2513</b>	<b>2422</b>	<b>2924</b>	<b>2913</b>	<b>3010</b>	<b>3204</b>	<b>3276</b>	<b>2997</b>	<b>3235</b>	<b>35018</b>	<b>100</b>

## ASSAULT ATTENDANCES

Between October 2014 and September 2015 there were 871 assault-related injury attendances to Stepping Hill Hospital ED. The majority (68%) of assault attendees were male and 48% were aged between 20 and 34 years. Over one third (35%) of assault attendees arrived by ambulance (table 5).

**Table 5: ED assault attendances by gender, arrival mode and age group, October 2014 to September 2015<sup>1</sup>**

	Assaults (n=871)		All injury (n=35,018)
	n	%	%
<b>Gender</b>			
Female	277	32	48
Male	594	68	52
<b>Arrival mode</b>			
Car	384	44	71
Ambulance	304	35	19
Other	183	21	10
<b>Age group</b>			
0-4	***	0	8
5-19	156	18	24
20-34	421	48	20
35-49	207	24	16
50-64	72	8	12
65+	<15	1	20