

# Trauma and Injury Intelligence Group Biannual Bulletin

Stepping Hill Hospital Emergency Department  
April 2014 to March 2015

July 2015



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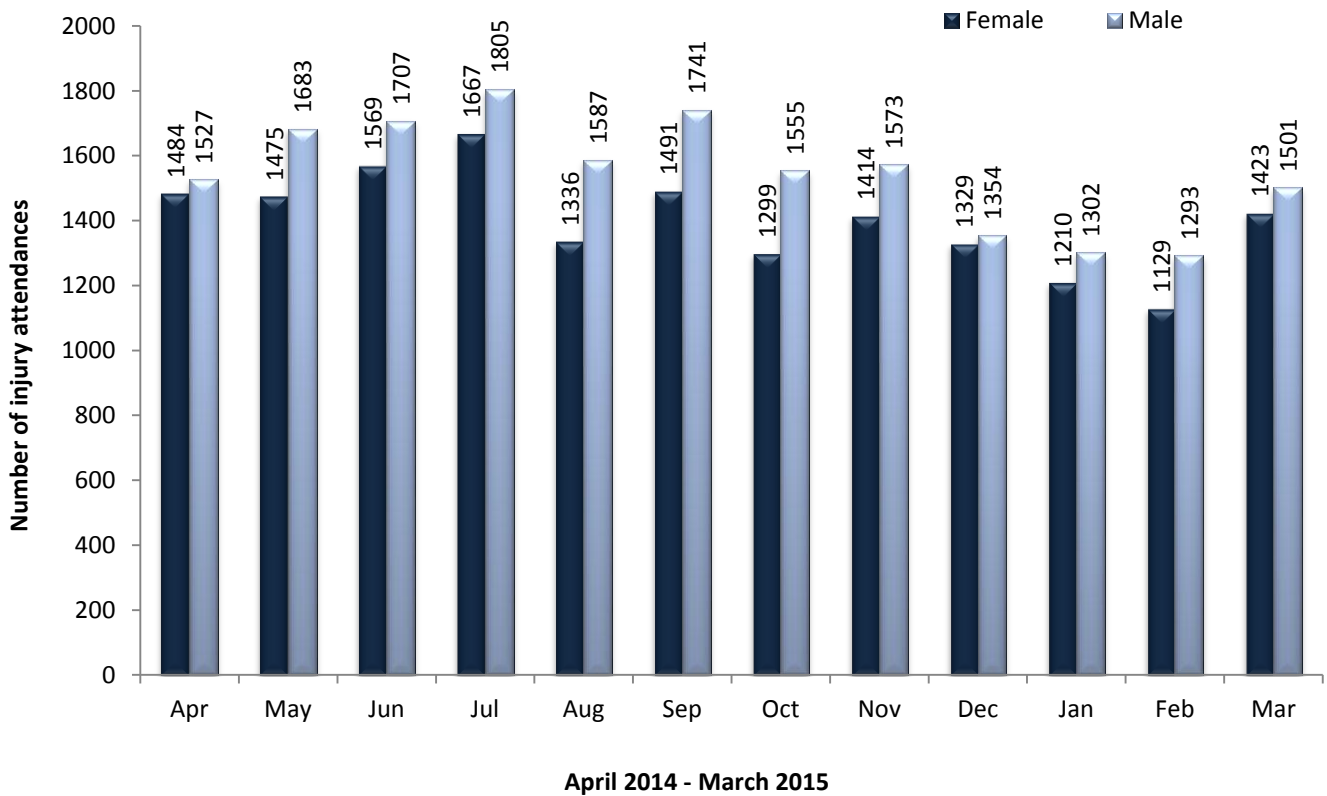
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# ALL INJURY ATTENDANCES

This bulletin provides a breakdown of all injury attendances to Stepping Hill Hospital Emergency Department (ED) between April 2014 and March 2015. During this twelve month period there were 35,455 injury attendances to the ED. The month with the highest number of attendances, calculated as a daily average, was July (112 per day), while January 2015 had the fewest attendances (81 per day; figure 1). Males accounted for just over half (53%) of all attendances (figure 1).

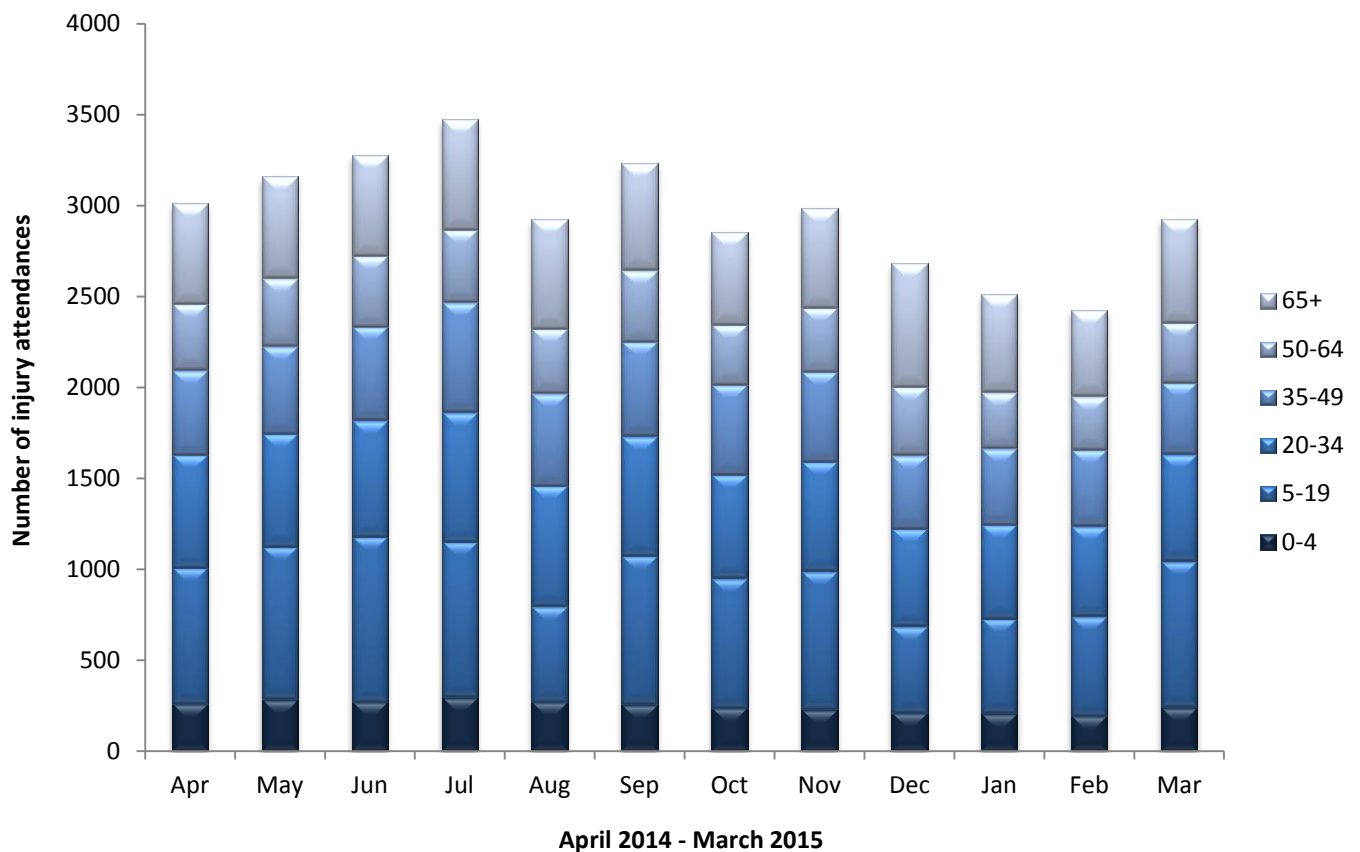
**Figure 1: ED injury attendances by gender and month, April 2014 to March 2015<sup>^</sup>**



<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 accounted for 20% (figure 2).

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



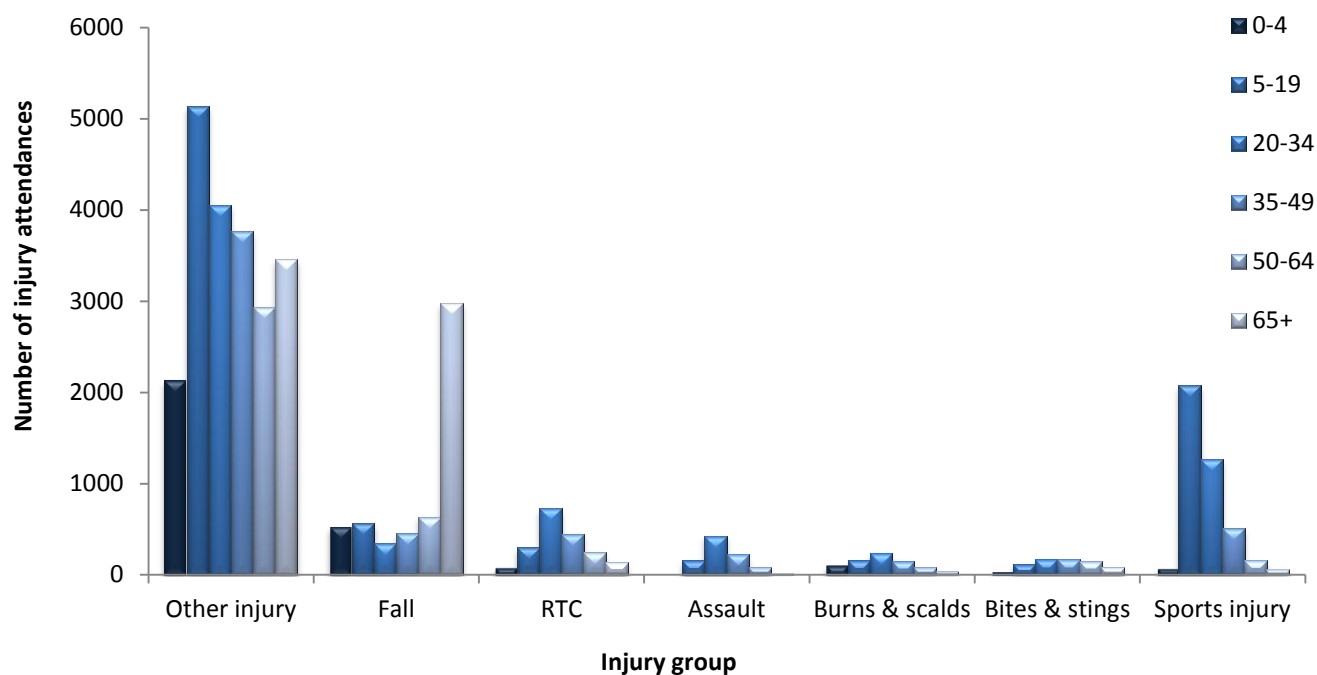
The majority (61%) of attendances did not have a specific injury group recorded. Of the specified injury groups, falls accounted for the highest proportion (16%), followed by sports injury (12%), road traffic collisions (RTCs; 5%) and assaults (3%; table 1).

**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 injury	1763	1982	2036	2209	1894	1874	1708	1672	1618	1535	1499	1682	21472	61
Fall	468	449	470	432	322	508	425	525	540	442	383	540	5504	16
Sports injury	408	367	395	379	290	437	401	381	197	229	275	381	4140	12
RTC	192	145	143	166	192	184	151	199	156	143	120	143	1934	5
Assault	77	68	86	74	68	98	67	106	71	68	62	61	906	3
Burns & scalds	52	71	71	72	73	64	58	62	63	57	54	79	776	2
Bites & stings	51	76	75	140	84	67	44	42	38	39	29	38	723	2
<b>Total</b>	<b>3011</b>	<b>3158</b>	<b>3276</b>	<b>3472</b>	<b>2923</b>	<b>3232</b>	<b>2854</b>	<b>2987</b>	<b>2683</b>	<b>2513</b>	<b>2422</b>	<b>2924</b>	<b>35455</b>	<b>100</b>

Over half (54%) of fall attendees were aged 65 years or over, close to half (47%) of assault attendees were aged between 20 and 34 years and almost four in ten (37%) RTC attendees were aged between 20 and 34 years (figure 3).

Figure 3: ED injury attendances by age group and injury group, April 2014 to March 2015



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

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

Ethnicity	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
White	2704	2846	2918	3047	2557	2886	2545	2672	2339	2212	2139	2589	31454	89
Not stated	231	228	267	328	281	272	229	231	271	226	221	249	3034	9
Mixed	17	25	23	19	28	12	32	26	17	16	19	29	263	1
Pakistani	21	17	16	26	17	17	16	20	16	14	11	15	206	1
Any other ethnic group	10	7	6	9	13	8	6	14	8	19	7	12	119	0
Black	12	10	12	<15	8	13	10	5	5	7	9	<10	110	0
Indian	***	8	17	15	8	6	<10	10	11	7	5	11	105	0
Any other Asian	5	11	12	10	6	13	7	6	12	10	7	5	104	0
Chinese	7	***	***	6	***	***	***	***	***	***	***	5	44	0
Bangladeshi	***	***	***	***	***	***	0	***	***	***	***	***	16	0
<b>Total</b>	<b>3011</b>	<b>3158</b>	<b>3276</b>	<b>3472</b>	<b>2923</b>	<b>3232</b>	<b>2854</b>	<b>2987</b>	<b>2683</b>	<b>2513</b>	<b>2422</b>	<b>2924</b>	<b>35455</b>	<b>100</b>

The disposal of a patient can give an indication of the severity of the injuries sustained. Over half of (55%) attendees were discharged, three in ten (30%) 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, April 2014 to March 2015**

Disposal method	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	1766	1783	1845	2030	1678	1859	1616	1580	1273	1290	1289	1523	19532	55
Referral/follow-up	790	875	950	938	804	918	826	975	892	808	762	985	10523	30
Admitted	431	462	437	478	411	438	401	410	497	398	355	396	5114	14
Other	24	38	44	26	30	17	11	22	21	17	16	20	286	1
<b>Total</b>	<b>3011</b>	<b>3158</b>	<b>3276</b>	<b>3472</b>	<b>2923</b>	<b>3232</b>	<b>2854</b>	<b>2987</b>	<b>2683</b>	<b>2513</b>	<b>2422</b>	<b>2924</b>	<b>35455</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, April 2014 to March 2015<sup>1</sup>**

Arrival mode	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Car	2221	2282	2399	2578	2006	2308	2079	2096	1814	1669	1734	2100	25286	71
Ambulance	539	565	546	558	617	636	516	599	597	568	481	551	6773	19
Taxi	65	83	97	94	91	78	66	97	88	87	60	88	994	3
Bus	71	101	112	87	84	79	67	94	62	84	60	80	981	3
Walked	55	57	68	96	68	64	62	47	64	47	45	60	733	2
Other	24	31	23	24	20	22	29	30	33	23	17	21	297	1
Public transport	19	21	14	<20	<20	23	20	6	8	19	14	14	192	1
Police	10	13	<15	14	18	15	9	18	12	16	<10	<10	154	0
Bicycle	7	5	***	***	***	7	6	0	5	0	***	***	45	0
<b>Total</b>	<b>3011</b>	<b>3158</b>	<b>3276</b>	<b>3472</b>	<b>2923</b>	<b>3232</b>	<b>2854</b>	<b>2987</b>	<b>2683</b>	<b>2513</b>	<b>2422</b>	<b>2924</b>	<b>35455</b>	<b>100</b>

## ASSAULT ATTENDANCES

Between April 2014 and March 2015 there were 906 assault-related injury attendances to Stepping Hill Hospital ED. The majority (68%) of assault attendees were male and 47% were aged between 20 and 34 years. One-third (33%) of assault attendees arrived by ambulance (table 5).

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

	Assaults (n=906)		All injury (n=35455)
Gender	n	%	%
Female	289	32	47
Male	617	68	53
Arrival mode	n	%	%
Car	416	46	71
Ambulance	299	33	19
Other	191	21	10
Age group	n	%	%
0-4	***	0	8
5-19	156	17	24
20-34	428	47	20
35-49	225	25	16
50-64	80	9	12
65+	<15	2	19