

Trauma and Injury Intelligence Group Biannual Bulletin

Alder Hey Childrens 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

0151 231 4500

tiig@ljmu.ac.uk

tiig.info

twitter.com/tiig_cph

ALL INJURY ATTENDANCES

This bulletin provides a breakdown of injury attendances to Alder Hey Children’s Hospital Emergency Department (ED) between October 2014 and September 2015. Between October 2014 and September 2015 there were 17,205 ED injury attendances. The peak month for injury attendance, calculated as a daily average, was July 2015 (63 per day), with December 2014 (29 per day) accounting for the fewest. During this period there were more male (55%) injury attendances than female presenting at Alder Hey ED; patients aged five and under accounted for 33% of injury attendances, followed by patients aged 10 to 14 years (32%; figures 1 and 2).

Figure 1: Gender of injury attendances by month, October 2014 to September 2015

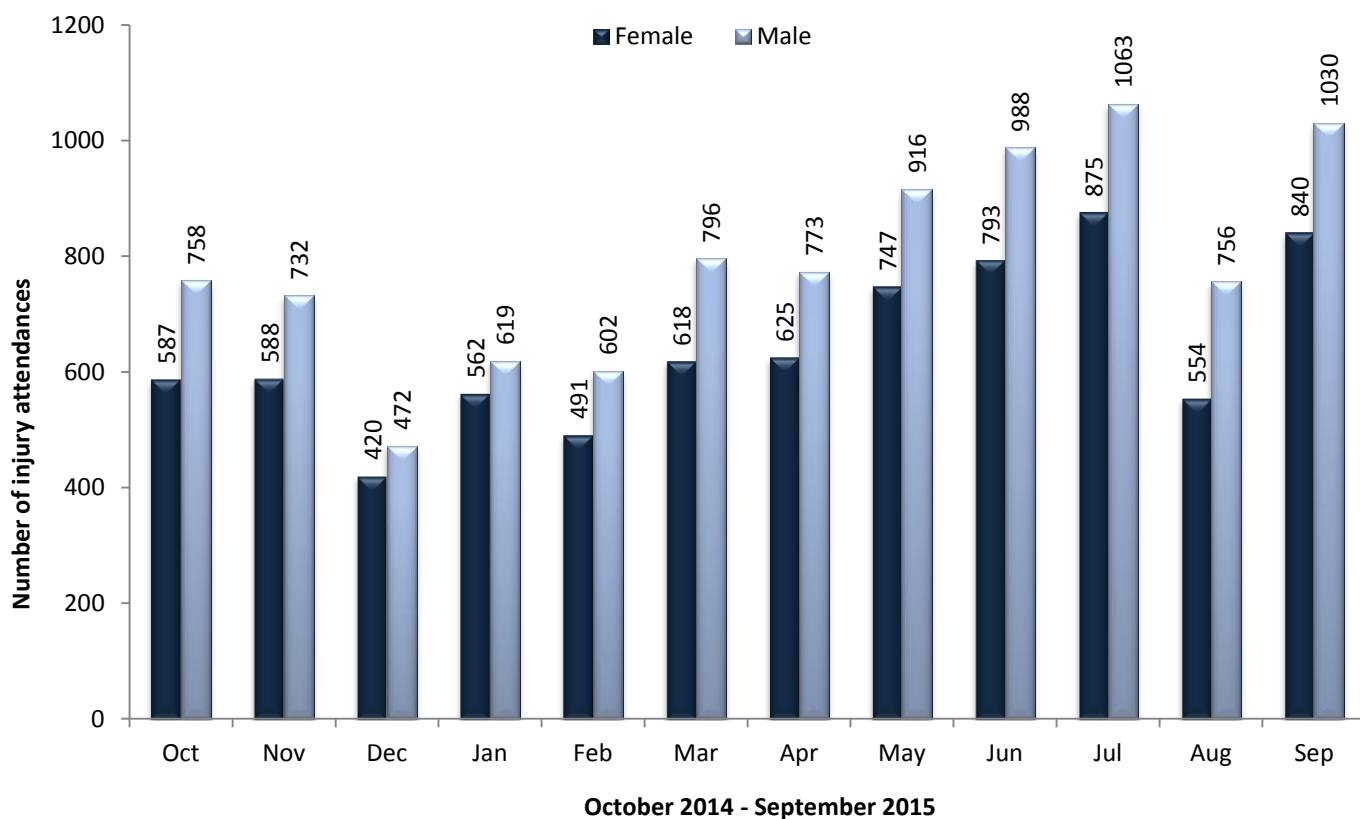
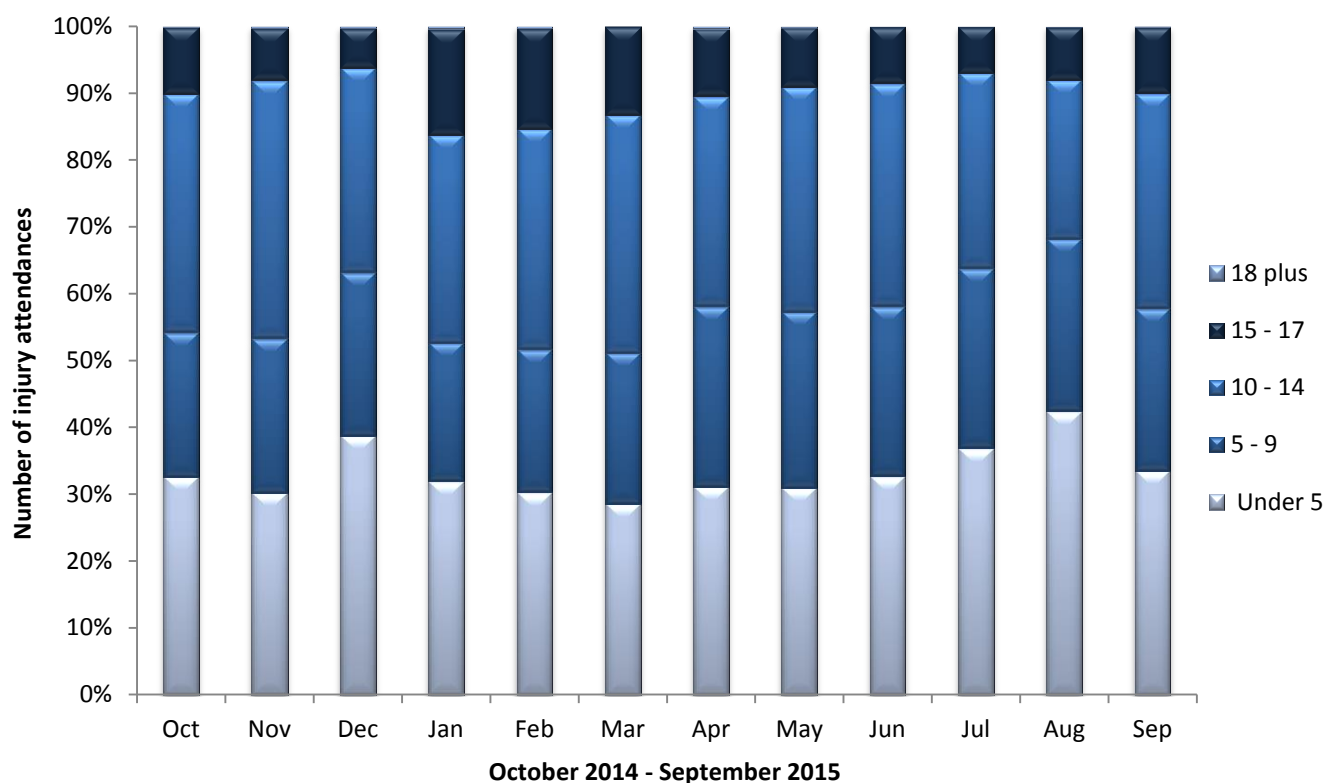


Figure 2: Age group of injury attendances by month, October 2014 to September 2015



The majority (97%) of injury attendances between October 2014 and September 2015 were recorded as other injuries. This includes incidents such as a body injuries and lacerations (table 1).

Table 1: Injury attendances by injury group, October 2014 to September 2015^{1,2}

Injury group	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Other Injury	1303	1267	870	1135	1051	1374	1356	1606	1716	1875	1276	1820	16649	97
Road traffic accident	21	34	17	24	20	19	29	37	32	53	25	44	355	2
Deliberate self-harm	8	13	***	8	10	9	7	13	20	5	***	***	102	1
Assault	13	6	***	14	12	12	6	7	13	5	<10	***	99	1
Total	1345	1320	892	1181	1093	1414	1398	1663	1781	1938	1310	1870	17205	100

Table 2 displays the incident location where other injuries occurred. Over one third of other injuries occurred in 'other' locations (38%), 35% occurred in the home, 16% occurred in education establishments and 10% occurred in a public place.

¹ Please note that in all tables all numbers less than five have been suppressed (***) in line with patient confidentiality and if there is only one number less than five in a category then two numbers will be suppressed at the next level (e.g. <6) in order to prevent back calculations from totals.

² Other injury includes: Trauma – Accidental, Maxillary/Facial, Ingestion – Accidental and Bite/Sting.

Table 2: Other injury attendances by location of incident, October 2014 to September 2015^{1,3}

Other injury location	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Other	436	436	258	364	370	503	518	639	620	842	569	835	6390	38
Home	504	424	389	460	395	442	497	554	587	567	486	485	5790	35
Education establishment	242	295	156	225	211	312	166	220	304	223	12	264	2630	16
Public place	111	96	55	73	65	103	164	176	198	<245	<210	<240	1727	10
Road traffic accident	10	16	12	13	10	14	11	17	7	***	***	***	112	1
Total	1303	1267	870	1135	1051	1374	1356	1606	1716	1875	1276	1820	16649	100

Table 3 shows the discharge method of injury attendances. Just under two thirds (65%) of all injury attendances were discharged, 12% were discharged as 'other', 10% were referred to a fracture clinic, and 5% were referred to a GP.

Table 3: Injury attendances by discharge method, October 2014 to September 2015⁴

Discharge method	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Home/discharged	899	849	557	721	691	947	920	1104	1085	1241	886	1234	11134	65
Other	162	173	127	157	152	226	182	201	278	193	101	197	2149	12
Fracture clinic	151	151	99	140	121	128	172	211	188	150	113	168	1792	10
General Practitioner	68	86	55	88	71	60	50	62	79	116	46	65	846	5
Admitted	45	32	35	44	26	37	47	55	90	137	94	111	753	4
Outpatient clinics	20	29	19	31	32	16	27	30	61	101	70	95	531	3
Total	1345	1320	892	1181	1093	1414	1398	1663	1781	1938	1310	1870	17205	100

ASSAULT ATTENDANCES

Between October 2014 and September 2015 there were 99 assault attendances to Alder Hey Children's Hospital ED. The month with the largest number of presentations was January (n=14); the majority of assaults attendees were male (77%); and 46% were aged between 10 and 14 years. Thirty-eight per cent of assaults occurred in a public place.

³ Other includes: Beach, Bouncy castle, Car door, Hospital, Indoors, Leisure park, Playground, RTA, Sport, Semi-public party, Street and Work.

⁴ Other includes: Refer to other hospital, Re-dressing clinic, A&E observation area, Maxillary/Facial, Community nurse, Health visitor, District nurse and Midwife, Surgical or medical follow-up, Dentist (own), Left before treatment, and Plastic surgery.