

Trauma and Injury Intelligence Group Biannual Bulletin

Alder Hey Childrens Hospital Emergency Department
April 2014 to March 2015

July 2015



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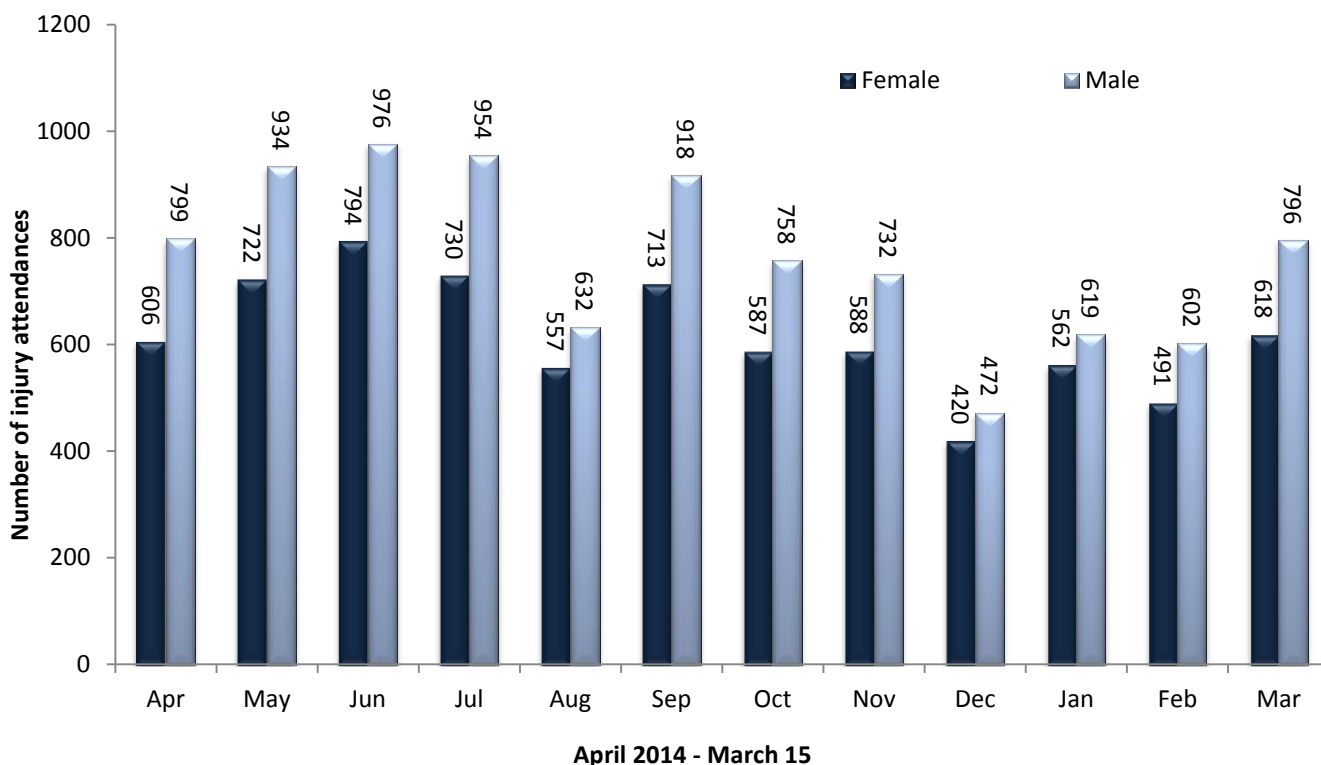
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ALL INJURY ATTENDANCES

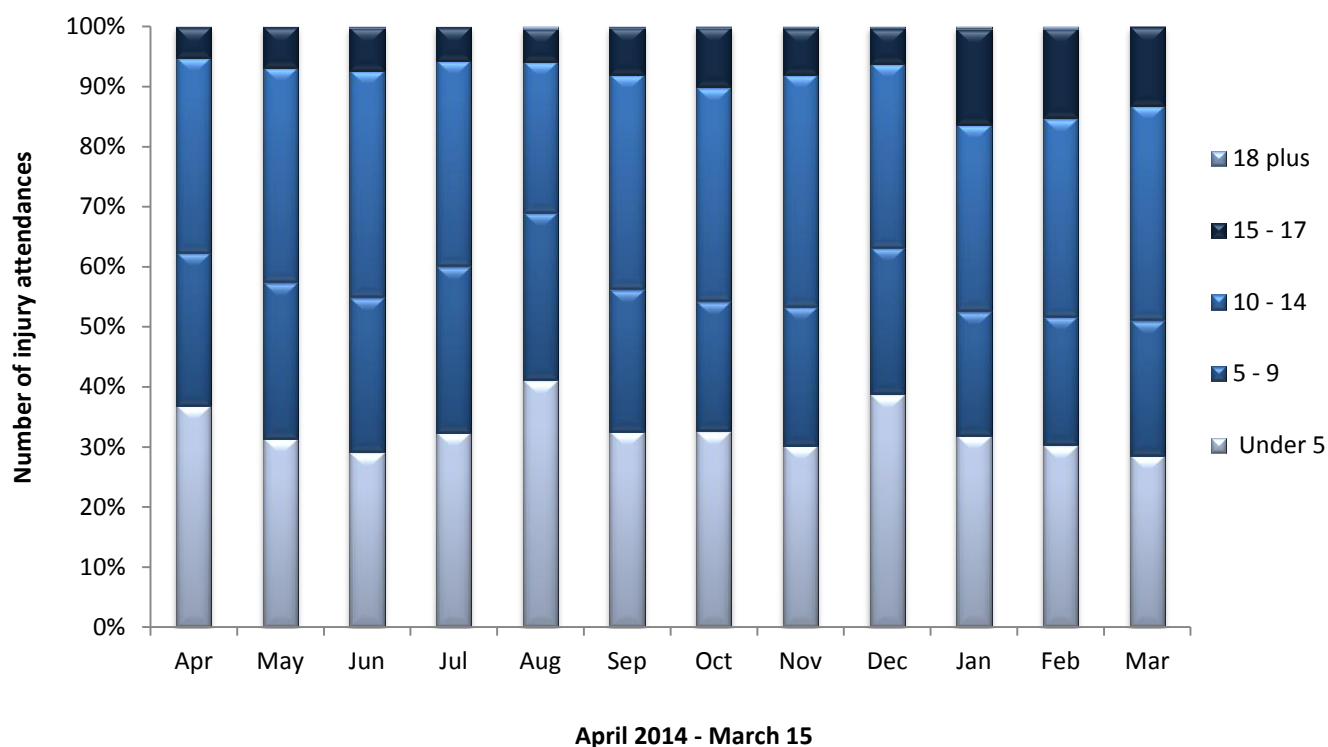
This bulletin provides a breakdown of injury attendances to Alder Hey Children’s Hospital Emergency Department (ED) between April 2014 and March 2015. Between April 2014 and March 2015 there were 16,581 ED injury attendances. The peak month for injury attendance, calculated as a daily average, was June (59 per day), with December (29 per day) accounting for the fewest. For each month there were more male (55%) injury attendances than female presenting at Alder Hey ED; patients aged 10 to 14 years accounted for 34% of injury attendances, followed by patients aged five and under (33%; figures 1 and 2).

Figure 1: Gender of injury attendances by month, April 2014 to March 2015*



* There were less than five attendances for which gender was not recorded, these have been omitted from the chart.

Figure 2: Age group of injury attendances by month, April 2014 to March 2015



The majority (94%) of injury attendances between April 2014 and March 2015 were recorded as other injury. This can cover incidents such as a body injury or laceration (Table 1).

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

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other Injury	1351	1586	1681	1607	1112	1547	1263	1231	828	1079	1026	1340	15651	94%
Trauma - Assault	8	11	20	17	8	<15	<15	6	***	14	12	12	134	1%
Trauma - Road Traffic Accident	20	21	19	19	14	16	21	34	17	24	20	19	244	1%
Maxillary/Facial	11	16	18	11	25	27	22	20	27	38	24	30	269	2%
Ingestion - Accidental	8	9	12	16	8	15	11	17	12	12	8	6	134	1%
Bite/Sting	***	<10	12	<15	16	11	12	5	5	<15	***	***	103	1%
Ingestion - Deliberate	***	***	8	***	6	***	***	7	***	***	***	***	46	0%
Total	1405	1656	1770	1685	1189	1631	1345	1320	892	1181	1093	1414	16581	100%

Table 2 displays the incident location where other injuries occurred. Over one third of other injuries occurred in the home (37%), 20% occurred in 'other' locations, 18% occurred in education establishments and 11% 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 There were 57 deliberate self-harm attendances during this period. To maintain patient confidentiality these have been categorised under other injury. Please note these attendances are not included in table 2.

Table 2: Other injury attendances by location of incident, April 2014 to March 2015^{1,2}

Other injury location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home	476	581	544	579	479	556	486	411	370	440	383	424	5729	37%
Other	295	251	355	357	284	269	240	232	140	218	216	291	3148	20%
Education establishment	154	297	311	237	15	293	240	292	154	224	209	311	2737	18%
Public place	208	222	229	216	180	176	108	95	54	73	64	103	1728	11%
Sport	121	122	130	126	72	168	119	145	72	84	107	144	1410	9%
Street	40	42	48	53	38	49	24	15	17	14	15	31	386	2%
Playground	24	32	21	14	20	17	<25	***	***	<10	***	<15	177	1%
RTA	10	16	14	11	5	5	10	16	12	13	10	14	136	1%
Bouncy Castle	5	8	11	7	10	9	***	***	***	***	***	***	58	0%
Indoors	8	6	7	***	***	***	5	7	***	***	7	***	50	0%
Hospital	***	***	***	***	***	***	***	5	***	***	***	***	19	0%
Leisure park	***	***	***	***	***	***	***	***	***	***	***	***	<15	0%
Semi-public party	***	***	***	***	***	***	***	***	***	***	***	***	***	0%
Total	1346	1580	1674	1604	1109	1546	1258	1225	826	1075	1017	1334	15594	100

Table 3 shows the discharge method of injury attendances. Just under two-thirds (64%) of all injury attendances were discharged, 12% were referred to the fracture clinic and 8% were referred to the re-dressing clinic.

Table 3: Injury attendances by discharge method, April 2014 to March 2015¹

Discharge method	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home/discharged	920	1055	1141	1113	773	1006	899	849	557	721	691	947	10672	64%
Fracture clinic - Alder Hey	183	202	245	206	142	244	151	151	99	140	121	128	2012	12%
Re-dressing clinic	119	157	137	132	89	128	92	96	58	91	104	132	1335	8%
General Practitioner	53	85	61	55	35	73	68	86	55	88	71	60	790	5%
Other	38	55	49	62	41	47	39	41	31	35	19	49	506	3%
Out patient other	15	15	32	25	18	25	16	21	15	27	27	11	247	1%
Admitted plastics	17	16	20	20	19	18	20	13	17	17	12	16	205	1%
Admitted to orthopaedic	12	25	33	30	21	25	14	7	***	10	6	***	191	1%
Admitted other	9	***	15	14	11	18	<15	12	14	17	8	17	150	1%
ED observation area	12	17	10	9	11	12	***	9	<15	6	13	17	128	1%
Plastic surgery	5	7	***	***	***	21	13	10	11	10	***	7	99	1%
Ear nose and throat - out patient department	6	6	6	***	7	***	***	8	***	***	5	***	57	0%
Maxillary/Facial	***	***	***	***	6	***	6	***	7	12	***	8	57	0%
Community nurse, health visitor, district nurse, midwife	6	6	5	***	6	5	5	***	5	***	***	***	52	0%
Surgical or medical follow-up	5	***	7	***	***	***	***	***	***	***	***	***	29	0%
Left before treatment	***	***	***	***	***	***	***	***	***	***	***	5	21	0%
Refer to other hospital	***	***	***	***	***	***	***	***	***	***	***	***	14	0%
Dentist (own)	***	***	***	***	***	***	***	***	***	***	***	***	<15	0%
Central admissions	***	***	***	***	***	***	***	***	***	***	***	***	***	0%
Total	1405	1656	1770	1685	1189	1631	1345	1320	892	1181	1093	1414	16581	100

ASSAULT ATTENDANCES

Between April 2014 and March 2015 there were 134 assault attendances to Alder Hey Children's Hospital ED. The month with the largest number of presentations was June (n=20); the majority of assault attendees were male (80%); and 51% were aged between 10 and 14 years. Thirty-one per cent of assaults occurred in a public place.