



TIIG
INJURY SURVEILLANCE IN THE NORTH WEST OF ENGLAND

ALDER HEY CHILDREN'S HOSPITAL EMERGENCY DEPARTMENT

MONTHLY BULLETIN: OCTOBER 2013 TO SEPTEMBER 2014

This bulletin provides a breakdown of injury attendances to Alder Hey Children's Hospital Emergency Department (ED) between October 2013 and September 2014.

Over the twelve month period there were 17,189 ED injury attendances. The month with the highest number of attendances, calculated as a daily average, was June 2014 (59 per day) compared to December 2013, the month with the fewest (33 per day; **Figure 1**)

For each month there were more male (56%) injury attendances than female presenting at Alder Hey ED (**Figure 1**). Patients aged between 10 and 14 years represented the largest proportion of injury attendances (35%), followed by those aged five years and under (34%; **Figure 2**).

The majority (94%) of injury attendances between October 2013 and September 2014 were recorded as other injury (**Table 1**). This can cover incidents such as a body injury or laceration.

Table 2 illustrates the incident location of other injuries only. Over a third (36%) of other injuries occurred in the home while 18% occurred in an education establishment and 12% occurred in a public place.

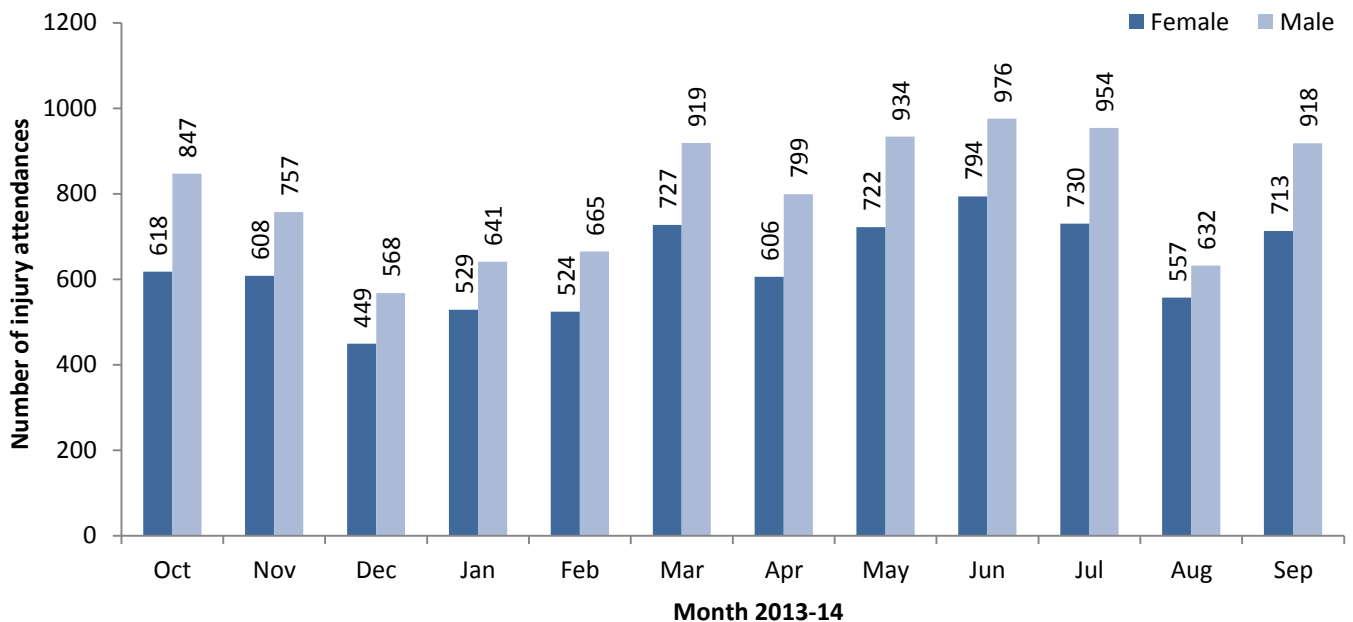
Table 3 illustrates the discharge method of injury attendances. Two-thirds (66%) of all injury attendances were discharged with no follow-up treatment required. Over one in ten (12%) were referred to the fracture clinic and 8% were referred to the re-dressing clinic.

Assault attendances

Between October 2013 and September 2014 there were 148 assault attendees presenting at Alder Hey Children's Hospital ED.

Attendees were mainly male (74%) and aged between 10 and 14 years (63%). The primary assault location was recorded as a public place (36%).

Figure 1: ED injury attendances by gender and month, October 2013 to September 2014[^]



[^] There were <5 records where the gender was unknown; these have been omitted from the chart.

Figure 2: ED injury attendances by age group and month, October 2013 to September 2014

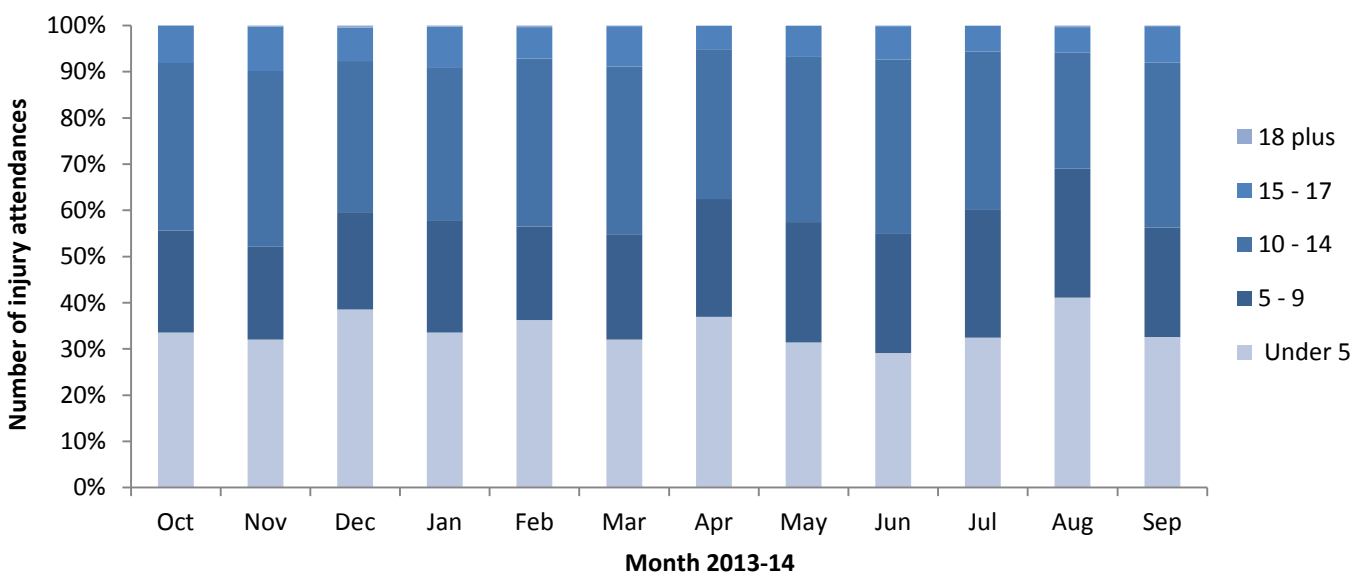


Table 1: ED injury attendances by injury group and month, October 2013 to September 2014¹

Injury group	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Other injury	1368	1262	932	1092	1125	1546	1346	1580	1674	1604	1109	1546	16184	94%
Road traffic collision	34	28	26	29	19	26	20	21	19	19	14	16	271	2%
Maxillary/facial	24	34	16	10	11	21	11	16	18	11	25	27	224	1%
Assault	17	13	9	11	8	15	8	11	20	17	8	11	148	0%
Ingestion - accidental	9	11	13	7	12	13	8	9	12	16	8	15	133	0%
Bite/sting	6	7	10	7	5	***	***	9	12	13	16	11	104	0%
Deliberate self-harm	***	6	6	9	***	13	5	<10	7	***	***	***	64	0%
Ingestion - deliberate	<10	5	5	5	<10	<10	***	***	8	***	<10	***	61	0%
Total	1465	1366	1017	1170	1189	1646	1405	1656	1770	1685	1189	1631	17189	100%

¹ Please note that all numbers less than five have been suppressed (with ***) in line with patient confidentiality. If there is only one number less than five in a category then two numbers have been suppressed to prevent back calculations from totals.

Table 2: ED injury attendances by incident location (other injury only), October 2013 to September 2014²

Other injury location	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Home	451	436	388	451	449	502	476	581	544	579	479	556	5892	36%
Other	282	223	201	189	208	296	295	251	355	357	284	269	3210	20%
Education establishment	278	318	175	234	216	346	154	297	311	237	15	293	2874	18%
Public place	160	137	84	102	119	180	208	222	229	216	180	176	2013	12%
Sport	129	101	49	89	89	174	121	122	130	126	72	168	1370	8%
Street	28	23	10	***	<10	12	40	42	48	53	38	49	353	2%
Playground	12	6	5	9	14	14	24	32	21	14	20	17	188	1%
Road traffic collision	18	12	11	7	9	15	10	16	14	11	5	5	133	1%
Indoors	5	***	6	5	11	***	8	6	7	***	***	***	60	0%
Bouncy castle	***	***	***	***	***	***	5	8	11	7	10	9	55	0%
Hospital	***	***	***	***	***	***	***	***	***	***	***	***	18	0%
Leisure park	***	***	***	***	***	***	***	***	***	***	***	***	<20	0%
Semi-public party	***	***	***	***	***	***	***	***	***	***	***	***	***	0%
Total	1368	1262	932	1092	1125	1546	1346	1580	1674	1604	1109	1546	16184	100%

Table 3: ED injury attendances by discharge method, October 2013 to September 2014²

Discharge method	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Home/discharged	963	945	690	785	799	1077	920	1055	1141	1113	773	1006	11267	66%
Fracture clinic - Alder Hey	173	128	105	130	128	203	183	202	245	206	142	244	2089	12%
Re-dressing clinic	113	114	78	95	104	159	119	157	137	132	89	128	1425	8%
General Practitioner	60	39	35	51	49	60	53	85	61	55	35	73	656	4%
Other	36	36	25	22	28	36	38	55	49	62	41	47	475	3%
Outpatient other	26	28	24	23	20	22	15	15	32	25	18	25	273	2%
Admitted to orthopaedic	15	9	***	5	***	11	12	25	33	30	21	25	192	1%
Admitted plastics	13	9	16	10	16	10	17	16	20	20	19	18	184	1%
ED observation area	20	8	17	9	14	28	12	17	10	9	11	12	167	1%
Admitted - other	11	10	5	17	6	14	9	***	15	14	11	18	134	1%
Plastic surgery	7	7	***	5	***	7	5	7	***	***	***	21	75	0%
Ear nose and throat - outpatient department	11	10	***	***	***	9	6	6	6	***	7	***	69	0%
Community nurse, health visitor, district nurse, midwife	6	8	5	5	7	***	6	6	5	***	6	5	61	0%
Maxillary/facial	8	10	5	***	***	***	***	***	***	***	6	***	47	0%
Surgical or medical follow-up	***	***	***	***	5	***	5	***	7	***	***	***	36	0%
Left before treatment	***	***	***	***	***	***	***	***	***	***	***	***	15	0%
Dentist (own)	***	***	***	***	***	***	***	***	***	***	***	***	11	0%
Refer to other hospital	***	***	***	***	***	***	***	***	***	***	***	***	8	0%
Central admissions	***	***	***	***	***	***	***	***	***	***	***	***	5	0%
Total	1465	1366	1017	1170	1189	1646	1405	1656	1770	1685	1189	1631	17189	100%

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