

Alder Hey Children's Hospital Emergency Department Monthly Bulletin: April 2010 to March 2011

This bulletin provides a breakdown of attendances presenting with injuries to Alder Hey Children's Hospital Emergency Department (ED), between April 2010 and March 2011.

Between April 2010 and March 2011 there were 20,399 ED injury attendances. The peak month for injury attendance was June (n=2,183), with December (n=889) accounting for the fewest. For each month there were more male (58%) injury attendances than female presenting at Alder Hey ED and patients aged 10 to 14 years (37%) were the largest group of injury attendances (**Figures 1 and 2**).

The majority (92%) of injury attendances between April 2010 and March 2011 were recorded as other injury. This can cover incidents such as a body injury

or laceration (**Table 1**).

Table 2 illustrates the location where other injuries occurred. The primary locations were in the home (41%), in a public place (19%) and in an education establishment (19%).

Table 3 illustrates the method of discharge of injury attendances. Almost two thirds (65%) of all injury attendances were discharged.

Assault attendees presenting at Alder Hey Children's Hospital ED between April 2010 and March 2011 were mainly male (65%) and aged between 10 and 14 years (64%). The primary location of assaults was recorded as a public place (52%).

Figure 1: Gender of injury attendances by month, April 2010 to March 2011

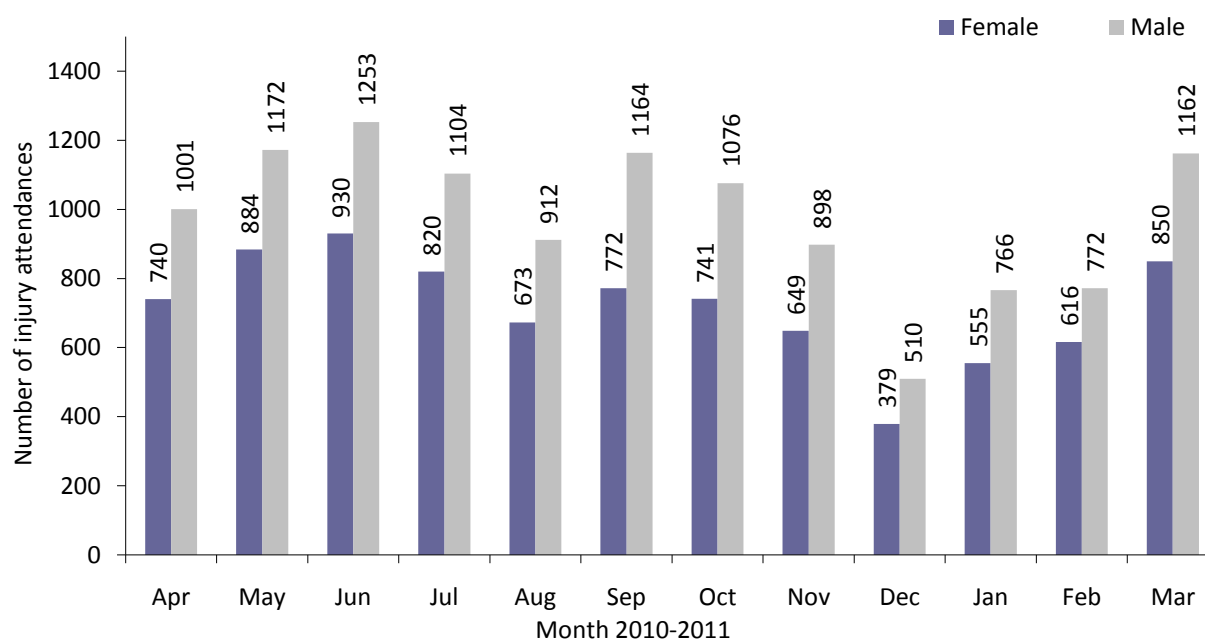


Figure 2: Age group of injury attendances by month, April 2010 to March 2011

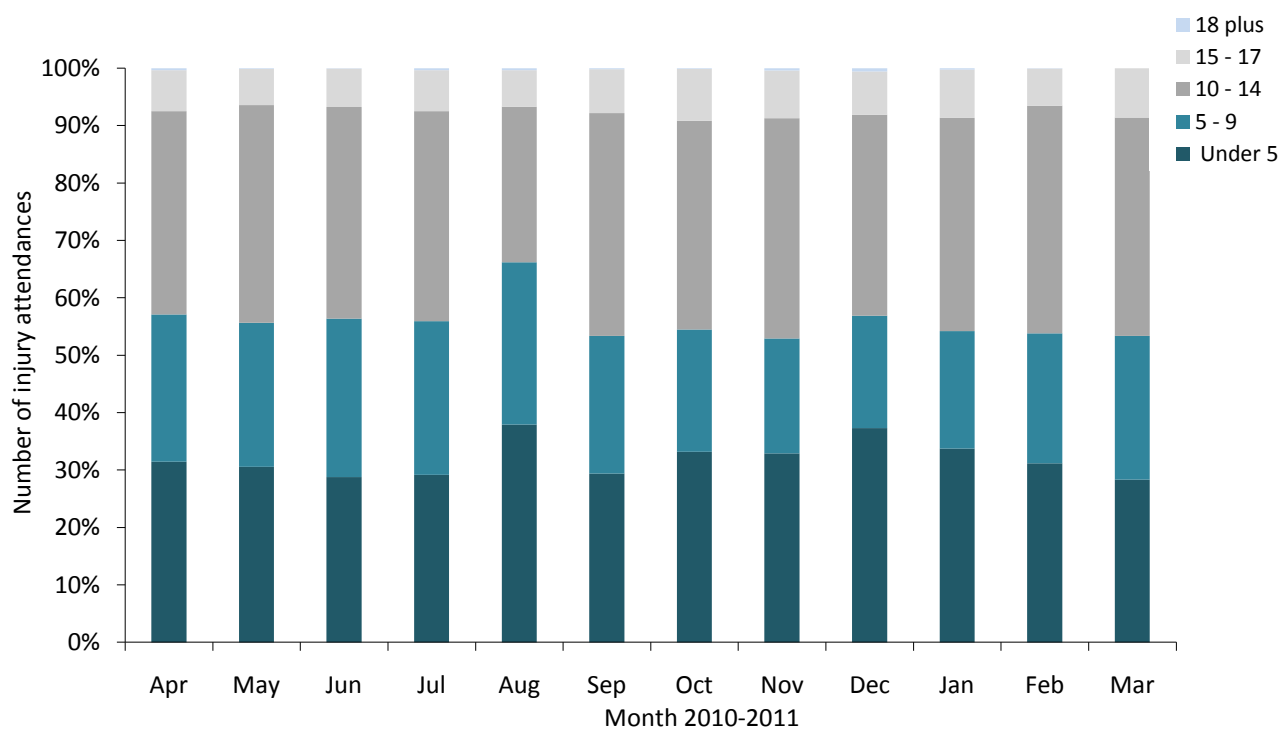


Table 1: Injury attendances by injury group, April 2010 to March 2011¹²

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other injury	1625	1889	2004	1769	1448	1815	1671	1429	810	1212	1310	1874	18856	92
Road traffic collision	30	36	49	46	36	40	45	29	14	19	14	39	397	2
Assault	33	28	28	21	20	22	27	32	10	32	18	34	305	1
Maxillary/facial	21	33	31	35	23	21	28	22	24	16	20	21	295	1
Ingestion - accidental	12	26	23	12	18	15	14	16	16	14	14	13	193	1
Bite/sting	7	22	34	14	23	16	18	11	***	10	***	15	180	1
Ingestion - deliberate	13	22	14	27	17	7	14	8	***	18	***	16	173	1
Total	1741	2056	2183	1924	1585	1936	1817	1547	889	1321	1388	2012	20399	100

Table 2: Other injury attendances by location of incident, April 2010 to March 2011

Other injury location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home	631	707	799	674	709	682	720	604	405	547	587	723	7788	41
Public place	381	414	456	402	391	338	272	198	123	166	196	319	3656	19
Education establishment	255	347	355	299	13	373	336	374	147	284	285	469	3537	19
Other/unknown	173	200	193	192	187	179	132	110	84	70	69	100	1689	9
Sport	132	146	125	125	83	164	128	98	23	100	103	202	1429	8
Indoors	11	15	18	17	14	13	20	19	5	17	23	19	191	1
Playground	13	13	20	16	23	16	9	6	***	***	10	18	152	1
Street	10	16	6	16	6	18	29	***	***	12	17	7	144	1
Road traffic collision	***	14	14	10	9	17	16	6	11	8	13	11	132	1
Bouncy castle	***	10	8	10	5	***	***	***	***	***	***	***	43	0
Hospital	***	***	***	6	6	***	***	5	***	***	***	***	36	0
Semi-public party	5	***	***	***	***	7	***	***	***	***	***	***	23	0
Leisure park	***	***	6	***	***	***	***	***	***	***	***	***	19	0
Total	1624	1885	2002	1768	1448	1814	1669	1426	810	1212	1308	1873	18839	100

Table 3: Discharge method of injury attendances by month, April 2010 to March 2011

Discharge method	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home/discharged	1136	1317	1384	1231	1019	1245	1183	1033	589	872	889	1263	13161	65
Fracture clinic - Alder Hey	256	271	306	247	208	285	220	163	85	160	167	272	2640	13
Other	177	194	225	207	154	204	178	164	90	140	147	230	2110	10
ED observation area	75	86	82	70	86	62	79	60	43	41	43	36	763	4
General Practitioner	31	79	61	67	39	58	79	66	39	53	71	111	754	4
Admitted to orthopaedic	12	25	26	18	27	21	16	10	***	***	8	13	185	1
Out patient other	11	12	16	11	5	13	20	9	9	10	19	21	156	1
Admitted plastics	***	***	12	12	8	11	11	9	6	8	8	11	106	1
Admitted other	6	15	12	7	5	8	8	8	***	***	9	8	90	0
Community nurse, health visitor, district nurse, midwife	8	8	6	8	10	***	***	5	***	11	***	5	74	0
Central admissions	7	9	14	14	9	***	***	***	***	***	***	***	70	0
Ear nose and throat - out patient department	6	***	8	9	***	***	***	8	***	7	9	9	70	0
Left before treatment	5	5	***	6	5	8	5	***	6	***	***	9	60	0
Surgical or medical follow-up	***	***	10	5	***	***	6	***	***	***	7	13	57	0
Dentist (own)	5	15	10	6	***	6	***	***	5	***	***	***	55	0
Re-dressing clinic	***	***	***	***	***	***	***	***	***	***	***	***	26	0
Maxillary/Facial	***	***	***	***	***	***	***	***	***	***	***	***	22	0
Total	1741	2056	2183	1924	1585	1936	1817	1547	889	1321	1388	2012	20399	100

Published May 2011

Jennifer Brizell (Merseyside and Cheshire TIIG officer)

Centre for Public Health, 2nd Floor, Henry Cotton Campus, 15-21 Webster Street, Liverpool, L17 3ET

Tel: 0151 231 4500 or Email: j.s.brizell@ljmu.ac.uk

Website: www.tiig.info (please note data requests should be made through the website)

¹ There were 17 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.

² *** Please note that 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.