

Alder Hey Children's Hospital Emergency Department Monthly Bulletin: July 2010 to June 2011

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

Between July 2010 and June 2011 there were 20,245 ED injury attendances. The peak month for injury attendance was May (n=2,086), 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 (36%) were the largest group of injury attendances (**Figures 1 and 2**).

The majority (93%) of injury attendances between July 2010 and June 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 (43%), in a public place (19%) and in an education establishment (18%).

Table 3 illustrates the method of discharge of injury attendances. Almost two thirds (64%) of all injury attendances were discharged.

Assault attendees presenting at Alder Hey Children's Hospital ED between July 2010 and June 2011 were mainly male (63%) and aged between 10 and 14 years (61%). The primary location of assaults was recorded as a public place (49%).

Figure 1: Gender of injury attendances by month, July 2010 to June 2011

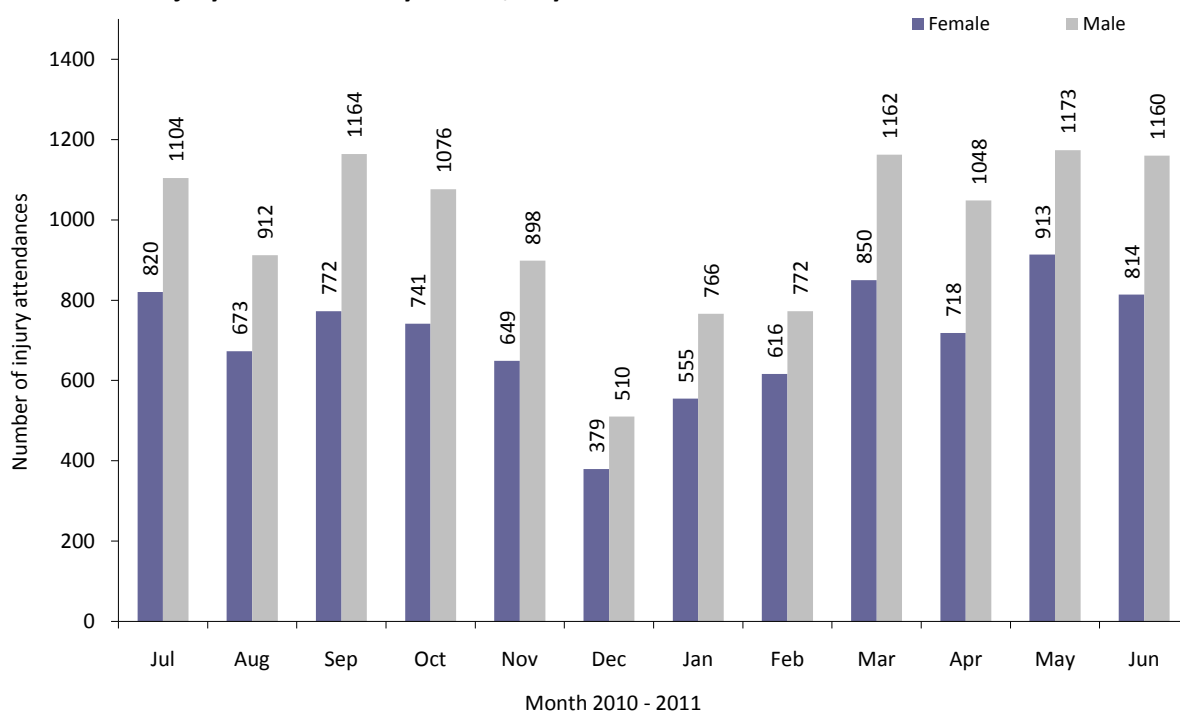


Figure 2: Age group of injury attendances by month, July 2010 to June 2011

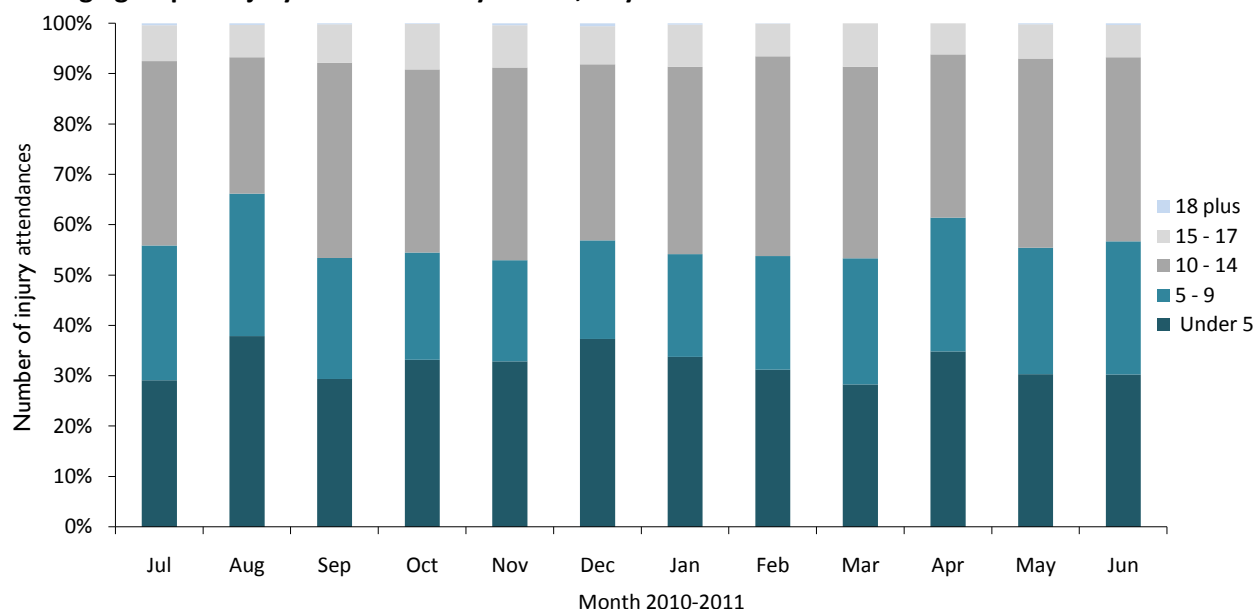


Table 1: Injury attendances by injury group, July 2010 to June 2011¹²

Injury group	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Other injury	1769	1448	1815	1671	1429	810	1212	1310	1874	1643	1945	1821	18747	93
Road traffic collision	46	36	40	45	29	14	19	14	39	30	31	39	382	2
Assault	21	20	22	27	32	10	32	18	34	27	38	26	307	2
Maxillary/facial	35	23	21	28	22	24	16	20	21	26	28	32	296	1
Ingestion - accidental	12	18	15	14	16	16	14	14	13	18	15	27	192	1
Bite/sting	14	23	16	18	11	<10	10	<5	15	14	17	19	167	1
Ingestion - deliberate	27	17	7	14	8	<10	18	<10	16	8	12	10	154	1
Total	1924	1585	1936	1817	1547	889	1321	1388	2012	1766	2086	1974	20245	100

Table 2: Other injury attendances by location of incident, July 2010 to June 2011

Other injury location	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Home	674	709	682	720	604	405	547	587	723	740	873	773	8037	43
Public place	402	391	338	272	198	123	166	196	319	401	371	387	3564	19
Education establishment	299	13	373	336	374	147	284	285	469	145	369	350	3444	18
Other/unknown	192	187	179	132	110	84	70	69	100	112	125	109	1469	8
Sport	125	83	164	128	98	23	100	103	202	152	136	125	1439	8
Indoors	17	14	13	20	19	5	17	23	19	15	14	19	195	1
Playground	16	23	16	9	6	***	<10	10	18	38	20	16	180	1
Street	16	6	18	29	***	<10	12	17	7	19	8	15	154	1
Road traffic collision	10	9	17	16	6	11	8	13	11	10	12	9	132	1
Hospital	6	6	***	***	5	***	***	***	***	***	***	6	43	0
Bouncy castle	10	5	***	***	***	***	***	***	***	5	5	5	38	0
Semi-public party	***	***	7	***	***	***	***	***	***	***	***	***	21	0
Leisure park	***	***	***	***	***	***	***	***	***	***	5	***	15	0
Total	1768	1448	1814	1669	1426	810	1212	1308	1873	1643	1941	1819	18731	100

¹ There were 16 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.

Table 3: Discharge method of injury attendances by month, July 2010 to June 2011

Discharge method	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Home/discharged	1231	1019	1245	1183	1033	589	872	889	1263	1045	1292	1238	12899	64
Fracture clinic - Alder Hey	247	208	285	220	163	85	160	167	272	239	254	290	2590	13
Other	207	154	204	178	164	90	140	147	230	226	267	227	2234	11
General Practitioner	67	39	58	79	66	39	53	71	111	96	123	53	855	4
ED observation area	70	86	62	79	60	43	41	43	36	46	33	43	642	3
Admitted to orthopaedic	18	27	21	16	10	***	5	8	13	25	20	27	194	1
Out patient other	11	5	13	20	9	9	10	19	21	24	28	19	188	1
Admitted plastics	12	8	11	11	9	6	8	8	11	17	8	17	126	1
Admitted other	7	5	8	8	8	***	***	9	8	11	18	11	97	0
Community nurse, health visitor, district nurse, midwife	8	10	***	***	5	***	11	***	5	11	13	14	90	0
Ear nose and throat - out patient department	9	***	***	***	8	***	7	9	9	7	6	6	72	0
Surgical or medical follow-up	5	***	***	6	***	***	***	7	13	***	8	9	62	0
Central admissions	14	9	***	***	***	***	***	***	***	6	7	8	61	0
Left before treatment	6	5	8	5	***	6	***	***	9	5	***	6	58	0
Re-dressing clinic	***	***	***	***	***	***	***	***	***	***	***	***	28	0
Dentist (own)	6	***	6	***	***	5	***	***	***	***	***	***	28	0
Maxillary/Facial	***	***	***	***	***	***	***	***	***	***	***	***	21	0
Refer to other hospital	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	1924	1585	1936	1817	1547	889	1321	1388	2012	1766	2086	1974	20245	100

Published July 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)