



This bulletin provides a breakdown of attendances presenting with unintentional or intentional injuries (trauma) to Alder Hey Children's Hospital Accident and Emergency department (AED), between October 2008 and September 2009.

Figure 1 illustrates the number of trauma attendances by month of attendance. The peak month for trauma attendance was June (n=2173), with December (n=1129) accounting for the fewest.

Figure 1: Total number of trauma attendances by month, October 2008 to September 2009

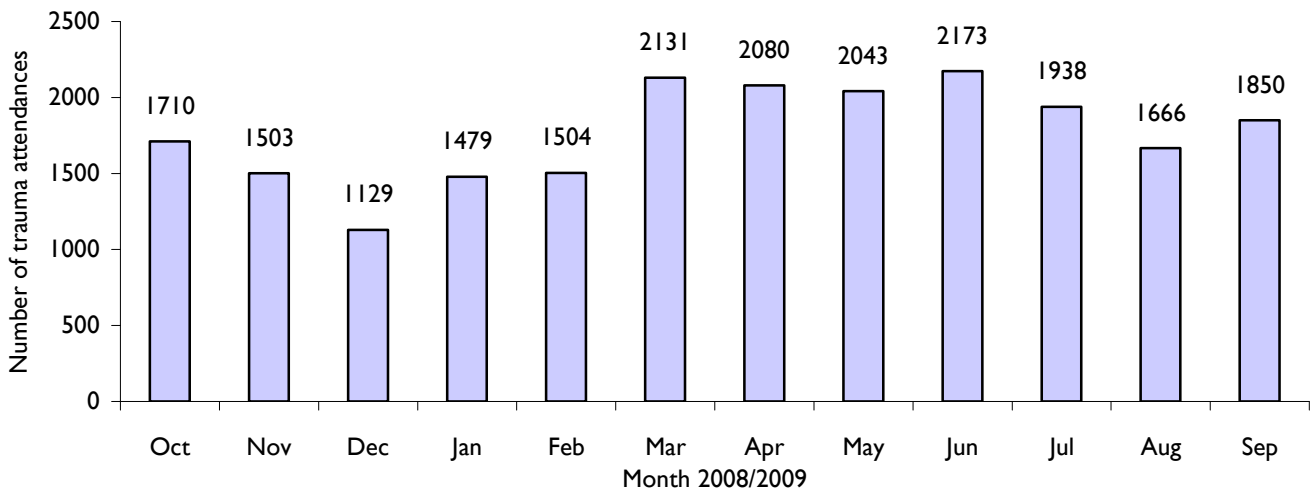


Figure 2 gives a breakdown of trauma attendances by gender. For each month there were more male (58%) trauma attendances than female presenting at Alder Hey AED.

Figure 2: Gender of trauma attendances by month, October 2008 to September 2009

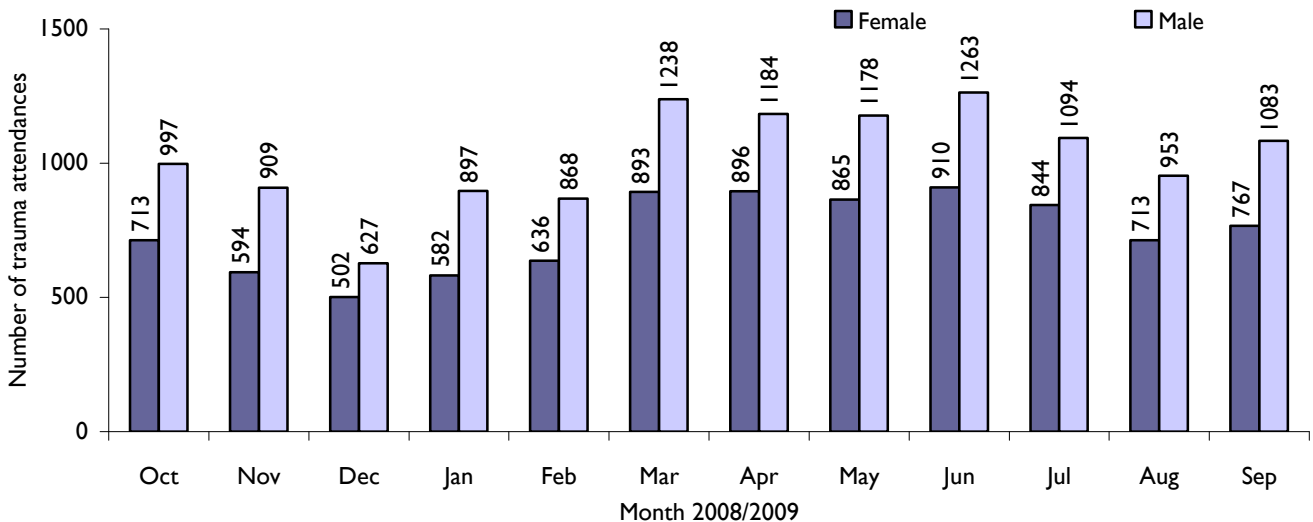


Figure 3 illustrates age group of trauma attendances. Patients aged 10 to 14 years (37%) were the largest group of trauma attendances at Alder Hey AED between October 2008 and September 2009.

Figure 3: Age group of trauma attendances by month, October 2008 to September 2009

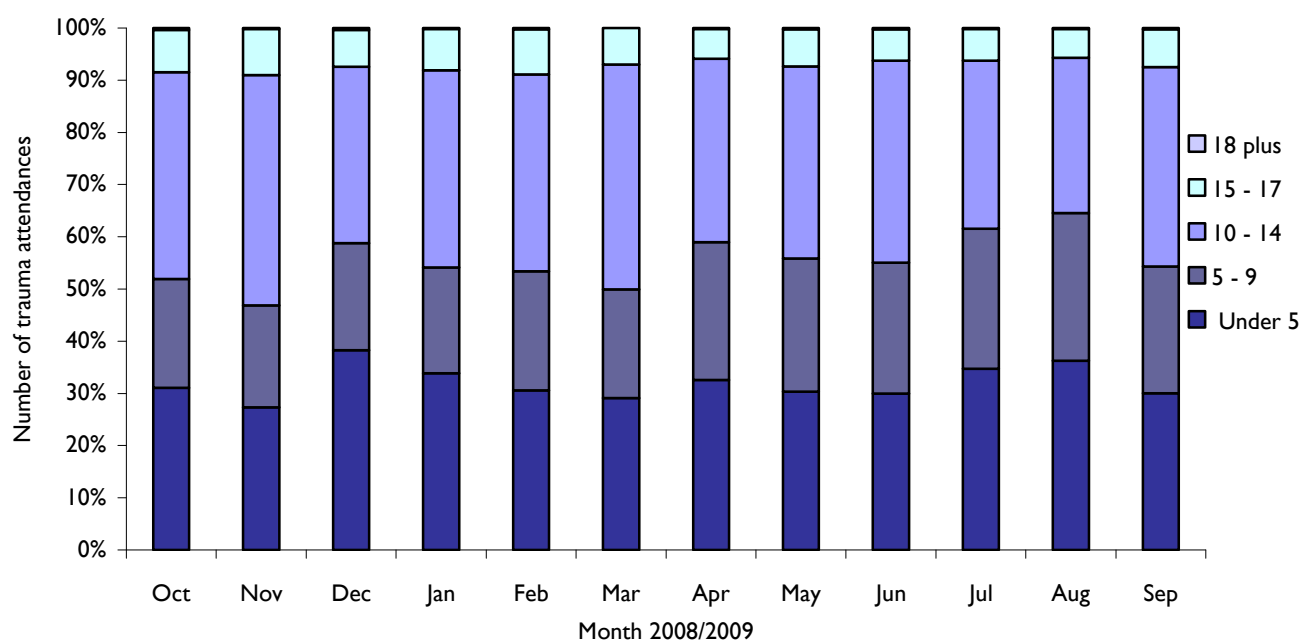


Table I details the injury group of trauma attendances. The majority (92%) of trauma attendances between October 2008 and September 2009 were recorded as trauma - accidental. This can cover incidents such as a body injury or laceration.

Table I: Trauma attendances by injury group, October 2008 to September 2009ⁱ

Injury group	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Trauma - accidental	1519	1375	1036	1370	1373	1981	1922	1878	2030	1791	1500	1709	19484	92
Trauma - RTA	44	32	28	19	36	38	28	36	37	33	29	29	389	2
Trauma - assault	33	32	15	23	25	32	36	40	26	33	29	25	349	2
Maxillary/facial	47	27	17	22	28	25	25	25	22	27	37	32	334	2
Bite/sting	22	12	8	16	11	17	40	28	25	19	33	21	252	1
Ingestion - accidental	32	13	15	15	13	26	18	17	26	21	25	18	239	1
Ingestion - deliberate	11	10	8	12	18	11	9	17	7	10	13	15	141	1
Trauma - self-inflicted	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	18	0
Total	1710	1503	1129	1479	1504	2131	2080	2043	2173	1938	1666	1850	21206	100

*RTA=Road traffic accident

Table 2 illustrates the location where 'trauma – accidental' attendances occurred. The primary locations were in the home (42%), in a public place (19%) and in an education establishment (18%).

Table 2: Trauma - accidental attendances by location of incident, October 2008 to September 2009

Trauma accident location	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Home	623	572	552	653	593	741	792	799	842	746	644	614	8171	42
Public place	253	181	118	162	240	332	467	403	453	426	415	330	3780	19
Education establishment	313	360	192	319	270	472	242	298	354	307	21	332	3480	18
Other	132	89	93	113	107	134	184	150	160	156	236	237	1791	9
Sport	142	143	56	85	108	222	152	134	131	91	99	139	1502	8
Street	22	12	19	21	23	29	22	16	10	9	15	13	211	1
Playground	8	<5	<5	<5	6	12	26	18	18	10	32	7	142	1
RTA	10	12	5	5	8	13	15	13	20	5	12	11	129	1
Indoors	8	<5	<5	<5	7	11	8	20	21	20	15	14	128	1
Leisure park	<5	<5	<5	<5	5	<5	<5	11	7	8	<5	<5	41	0
Bouncy castle	<5	<5	<5	<5	<5	<5	<5	11	5	5	<5	<5	32	0
Semi public party	5	<5	<5	<5	<5	9	<5	<5	<5	<5	<5	5	31	0
Hospital	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	22	0
Beach	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	8	0
Baby walker/bouncer	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	5	0
Unknown	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0
Public Fireworks display	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0
Party at the Pier	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0
Alder Hey	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0
Work	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0
Total	1519	1375	1036	1370	1373	1981	1922	1878	2030	1791	1500	1709	19484	100

Table 3 illustrates the method of discharge of trauma attendances. Greater than six in ten (65%) of all trauma attendances were discharged.

Table 3: Discharge method of trauma attendances by month, October 2008 to September 2009

Discharge method	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Home/discharged	965	954	741	1035	1025	1422	1410	1328	1451	1218	1072	1207	13828	65
Fracture clinic - Alder Hey	194	146	100	155	141	224	246	248	275	207	217	223	2376	11
Re-dressing clinic	134	133	100	125	132	207	141	162	153	186	110	154	1737	8
General Practitioner	123	121	74	26	46	92	68	62	59	104	37	42	854	4
A&E observation area	78	43	36	30	55	44	48	73	79	66	72	68	692	3
Other	29	16	18	19	13	27	33	34	32	40	30	40	331	2
Admitted to orthopaedic	33	13	7	9	12	14	29	24	27	28	41	28	265	1
Out patient other	24	9	6	11	7	19	16	21	17	10	13	12	165	1
Central admissions	5	10	6	10	8	10	25	24	16	16	9	13	152	1
Maxillary/facial	11	<5	<5	8	8	5	6	10	6	10	12	7	90	0
Admitted plastics	7	8	5	5	11	6	6	9	6	5	9	9	86	0
Community nurse, health visitor, district nurse, midwife	5	5	6	9	14	10	6	7	<5	<5	6	6	79	0
On medical advice	55	<5	<5	<5	<5	<5	<5	<5	<5	11	<5	<5	73	0
Dentist (own)	5	10	<5	7	<5	5	6	6	7	7	6	5	68	0
ENT- out patient department	<5	8	6	5	7	9	5	7	9	<5	<5	<5	59	0
Medical follow up	5	<5	<5	<5	6	10	13	<5	5	<5	<5	6	59	0
Plastic surgery	<5	5	<5	5	<5	<5	<5	7	9	5	9	5	56	0
Admitted medical	5	<5	5	<5	<5	<5	<5	<5	7	5	6	6	48	0
Admitted	<5	<5	<5	<5	<5	<5	5	5	<5	<5	<5	8	44	0
Left before treatment	<5	<5	<5	<5	<5	<5	<5	<5	<5	5	<5	5	35	0
Admitted surgical	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	5	<5	33	0
Refer to other hospital	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	33	0
Ophthalmology	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	24	0
Orthopaedic	<5	<5	<5	5	<5	<5	<5	<5	<5	<5	<5	<5	16	0
Surgical follow-up	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0
First fitters clinic A&E	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0
Total	1710	1503	1129	1479	1504	2131	2080	2043	2173	1938	1666	1850	21206	100

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ⁱ 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. <10) in order to prevent back calculations from totals.