



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 July 2008 and June 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, July 2008 to June 2009

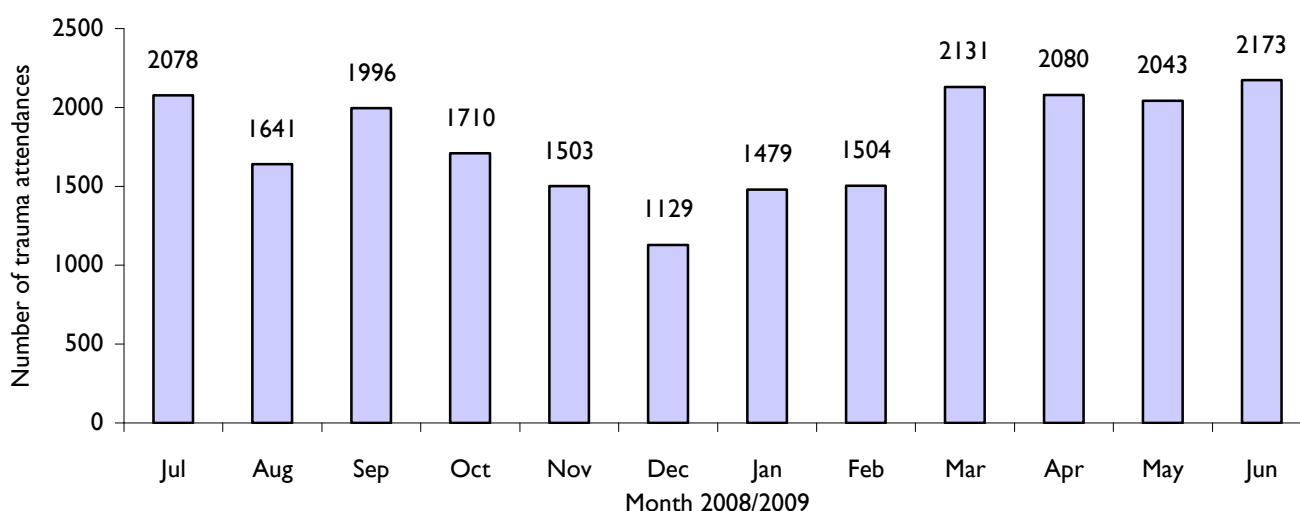


Figure 2 gives a breakdown of trauma attendances by gender. For each month there were more male (59%) trauma attendances than female presenting at Alder Hey AED.

Figure 2: Gender of trauma attendances by month, July 2008 to June 2009

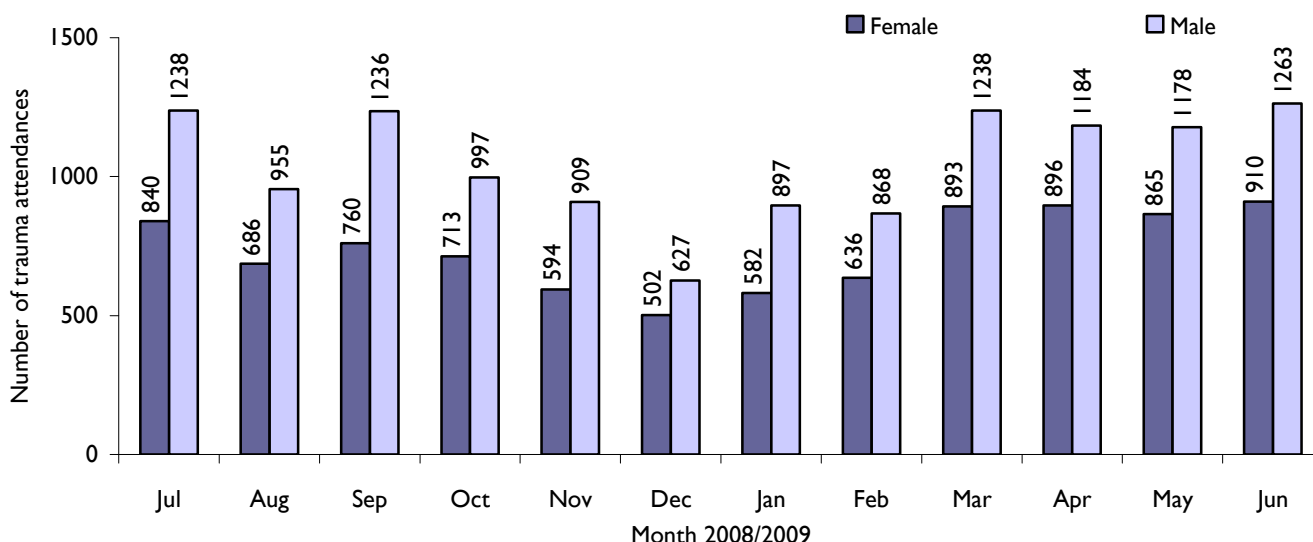


Figure 3 illustrates age group of trauma attendances. Patients aged 10 to 14 years (38%) were the largest group of trauma attendances at Alder Hey AED between July 2008 and June 2009.

Figure 3: Age group of trauma attendances by month, July 2008 to June 2009

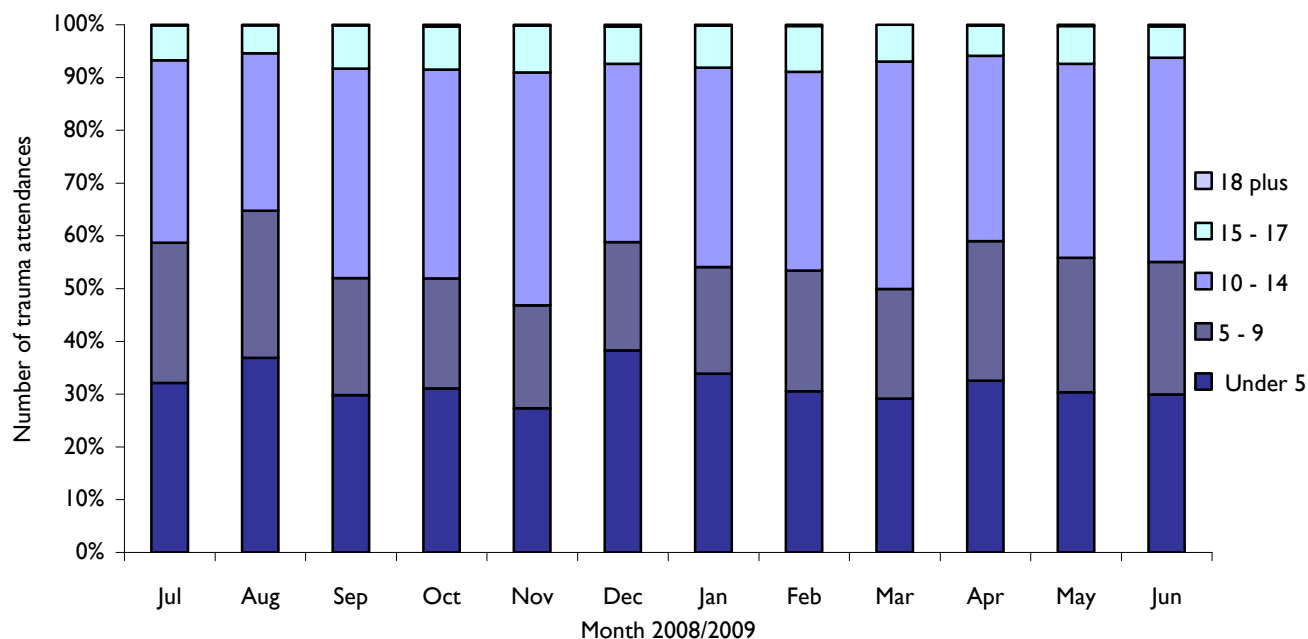


Table I details the injury group of trauma attendances. The majority (92%) of trauma attendances between July 2008 and June 2009 were recorded as trauma - accidental. This can cover incidents such as a body injury or laceration.

Table I: Trauma attendances by injury group, July 2008 to June 2009ⁱ

Injury group	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Trauma - accidental	1916	1486	1830	1519	1375	1036	1370	1373	1981	1922	1878	2030	19716	92
Trauma - RTA	22	39	38	44	32	28	19	36	38	28	36	37	397	2
Maxillary/facial	30	36	42	47	27	17	22	28	25	25	25	22	346	2
Trauma - assault	30	24	27	33	32	15	23	25	32	36	40	26	343	2
Bite/sting	44	25	27	22	12	8	16	11	17	40	28	25	275	1
Ingestion - accidental	24	21	18	32	13	15	15	13	26	18	17	26	238	1
Ingestion - deliberate	12	9	12	11	10	8	12	18	11	9	17	7	136	1
Trauma - self-inflicted	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	16	0
Total	2078	1641	1996	1710	1503	1129	1479	1504	2131	2080	2043	2173	21467	100

*RTA=Road traffic accident

Table 2 illustrates the location where attendances that were recorded as trauma - accidental incidences occurred. The primary locations were in the home (42%), in a public place (19%) and in an education establishment (17%).

Table 2: Trauma - accidental attendances by location of incident, July 2008 to June 2009

Trauma accident location	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Home	802	675	722	623	572	552	653	593	741	792	799	842	8366	42
Public place	421	398	407	253	181	118	162	240	332	467	403	453	3835	19
Education establishment	260	14	309	313	360	192	319	270	472	242	298	354	3403	17
Other	181	183	115	132	89	93	113	107	134	184	150	160	1641	8
Sport	147	100	193	142	143	56	85	108	222	152	134	131	1613	8
Street	37	49	44	22	12	19	21	23	29	22	16	10	304	2
Playground	25	30	<5	8	<5	<5	<5	6	12	26	18	18	152	1
RTA	13	18	19	10	12	5	5	8	13	15	13	20	151	1
Indoors	14	7	6	8	<5	<5	<5	7	11	8	20	21	106	1
Bouncy castle	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	11	5	36	0
Semi public party	<5	<5	9	5	<5	<5	<5	<5	9	<5	<5	<5	34	0
Leisure park	<5	<5	<5	<5	<5	<5	<5	5	<5	<5	11	7	31	0
Hospital	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	25	0
Beach	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	6	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
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	1916	1486	1830	1519	1375	1036	1370	1373	1981	1922	1878	2030	19716	100

Table 3 illustrates the method of discharge of trauma attendances. Greater than six in ten (63%) of all trauma attendances were discharged.

Table 3: Discharge method of trauma attendances by month, July 2008 to June 2009

Discharge method	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Home/discharged	1233	916	1109	965	954	741	1035	1025	1422	1410	1328	1451	13589	63
Fracture clinic - Alder Hey	245	214	219	194	146	100	155	141	224	246	248	275	2407	11
Re-dressing clinic	230	148	175	134	133	100	125	132	207	141	162	153	1840	9
General practitioner	129	132	174	123	121	74	26	46	92	68	62	59	1106	5
A&E observation area	67	64	57	78	43	36	30	55	44	48	73	79	674	3
Other	21	26	25	29	16	18	19	13	27	33	34	32	293	1
Admitted to orthopaedic	46	32	39	33	13	7	9	12	14	29	24	27	285	1
Out patient other	18	9	22	24	9	6	11	7	19	16	21	17	179	1
On medical advice	<5	19	91	55	<5	<5	<5	<5	<5	<5	<5	<5	176	1
Central admissions	11	23	10	5	10	6	10	8	10	25	24	16	158	1
Maxillary/Facial	14	11	18	11	<5	<5	8	8	5	6	10	6	104	0
Admitted plastics	10	8	6	7	8	5	5	11	6	6	9	6	87	0
Community nurse, health visitor, district nurse, midwife	7	<5	11	5	5	6	9	14	10	6	7	<5	85	0
Ear nose and throat - out patient department	5	<5	9	<5	8	6	5	7	9	5	7	9	77	0
Dentist (own)	<5	<5	7	5	10	<5	7	<5	5	6	6	7	62	0
Medical follow up	<5	<5	6	5	<5	<5	<5	6	10	13	<5	5	60	0
Plastic surgery	12	<5	<5	<5	5	<5	5	<5	<5	<5	7	9	52	0
Admitted	<5	9	5	<5	<5	<5	<5	<5	<5	5	5	<5	48	0
Admitted medical	6	<5	<5	5	<5	5	<5	<5	<5	<5	<5	7	44	0
Admitted surgical	6	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	35	0
Refer to other hospital	<5	<5	<5	7	<5	<5	<5	<5	<5	<5	<5	<5	29	0
Left before treatment	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	29	0
Ophthalmology	<5	<5	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	27	0
Orthopaedic	<5	<5	<5	<5	<5	<5	5	<5	<5	<5	<5	<5	19	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	2078	1641	1996	1710	1503	1129	1479	1504	2131	2080	2043	2173	21467	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.