

This bulletin provides a breakdown of all trauma<sup>1</sup> attendances at Alder Hey Accident and Emergency (A&E) department between April 2007 and March 2008.

Figure 1 illustrates the number of trauma attendances by month of attendance. The peak month for trauma attendance was April (n=2207), with December (n=1232) accounting for the lowest number of trauma attendances.

**Figure 1: Total number of trauma attendances by month, April 2007 to March 2008**

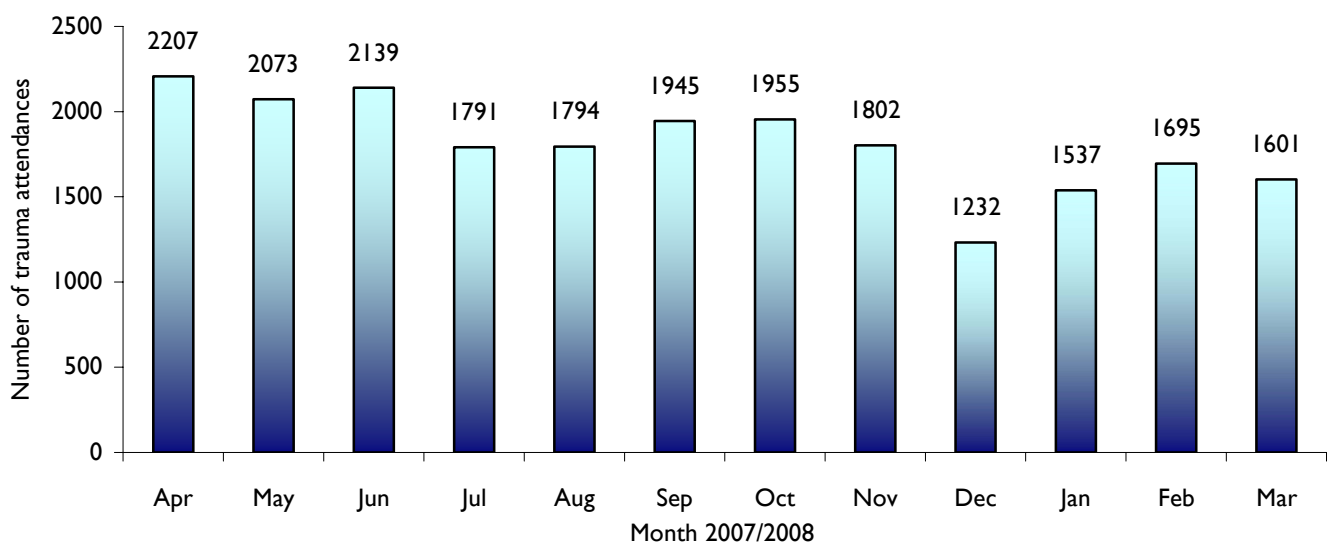
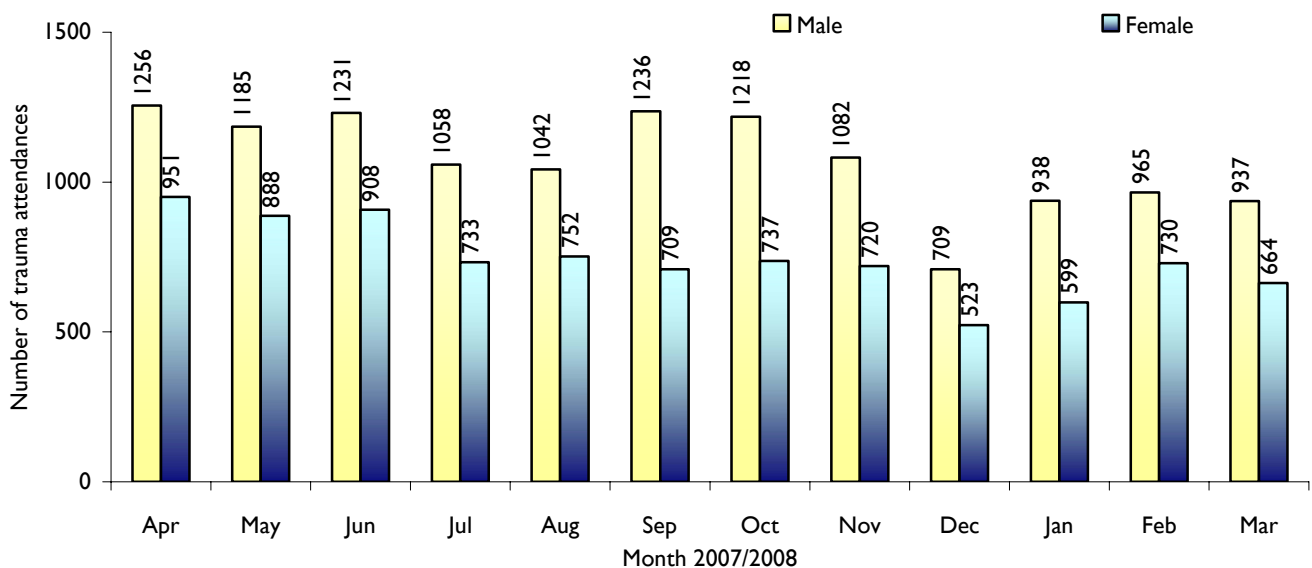


Figure 2 gives a breakdown of trauma attendances by gender. For each month there were more male trauma attendances than female presenting at Alder Hey A&E department.

**Figure 2: Gender of trauma attendances by month, April 2007 to March 2008**



<sup>1</sup> Trauma relates to all A&E attendances presenting as a result of an accident or intentional/unintentional injury.

Figure 3 illustrates age group of trauma attendances. Patients aged 10 to 14 years were the largest group of trauma attendances at Alder Hey A&E department between April 2007 and March 2008.

**Figure 3: Age group of trauma attendances by month, April 2007 to March 2008**

Table I details the injury group of trauma attendances. The majority (92%) of trauma attendances between April 2007 and March 2008 were recorded as Trauma – Accidental. This can cover incidents such as a body injury or laceration.

**Table I: Trauma attendances by injury group, April 2007 to March 2008**

Injury Group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Trauma - Accidental	2065	1920	1973	1664	1620	1821	1799	1650	1099	1399	1555	1465	20030	92
Trauma - Assault	43	44	40	23	31	30	47	42	36	41	32	34	443	2
Trauma - RTA	35	37	42	25	27	32	43	40	34	38	30	29	412	2
Maxillary/Facial	16	15	22	25	28	11	14	18	17	21	26	26	239	1
Bite/Sting	17	19	24	26	47	18	12	15	12	12	16	13	231	1
Ingestion - Accidental	8	12	17	16	22	16	30	23	18	17	22	24	225	1
Ingestion - Deliberate	17	23	21	11	14	14	9	13	8	7	13	10	160	1
Trauma - Self inflicted	6	3	0	1	5	3	1	1	8	2	1	0	31	0
<b>Total</b>	<b>2207</b>	<b>2073</b>	<b>2139</b>	<b>1791</b>	<b>1794</b>	<b>1945</b>	<b>1955</b>	<b>1802</b>	<b>1232</b>	<b>1537</b>	<b>1695</b>	<b>1601</b>	<b>21771</b>	<b>100</b>

\*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 (36%), in a public place (20%) and in an education establishment (17%).

**Table 2: Trauma - Accidental attendances by location of incident, April 2007 to March 2008**

Trauma accident location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home	761	649	658	627	643	532	572	575	496	584	579	612	7288	36
Public place	571	461	501	452	422	326	321	234	104	151	222	209	3974	20
Education establishment	223	339	338	222	14	276	366	434	232	329	344	219	3336	17
Other	207	225	259	213	257	266	224	168	140	148	137	143	2387	12
Sport	201	155	106	86	97	198	174	112	63	108	103	101	1504	8
Unknown	66	50	74	40	129	173	51	65	31	58	108	125	970	5
Street	7	3	0	3	12	13	53	29	18	7	22	9	176	1
RTA	7	18	18	9	9	16	19	22	3	5	8	9	143	1
Playground	10	10	8	4	18	9	3	1	5	1	6	10	85	0
Bouncy Castle	4	4	6	3	9	5	6	1	0	0	0	1	39	0
Indoors	0	0	0	0	0	0	8	3	5	2	6	12	36	0
Party at the Pier	1	0	0	0	0	0	0	0	0	0	13	7	21	0
Semi public party	2	3	0	2	2	4	1	2	1	1	0	2	20	0
Leisure aprk	0	0	0	1	4	1	0	1	1	3	5	2	18	0
Hospital	0	1	3	2	2	1	0	0	0	2	1	4	16	0
Beach	2	1	2	0	1	0	0	0	0	0	1	0	7	0
Baby walker/bouncer	1	0	0	0	1	0	1	0	0	0	0	0	3	0
Car park	1	0	0	0	0	0	0	1	0	0	0	0	2	0
Public Fireworks display	0	0	0	0	0	0	0	2	0	0	0	0	2	0
Work	0	1	0	0	0	1	0	0	0	0	0	0	2	0
Alder Hey	1	0	0	0	0	0	0	0	0	0	0	0	1	0
<b>Total</b>	<b>2065</b>	<b>1920</b>	<b>1973</b>	<b>1664</b>	<b>1620</b>	<b>1821</b>	<b>1799</b>	<b>1650</b>	<b>1099</b>	<b>1399</b>	<b>1555</b>	<b>1465</b>	<b>20030</b>	<b>100</b>

Table 3 illustrates the method of discharge of trauma attendances. Over six in ten (62%) of all trauma attendances were discharged.

**Table 3: Discharge method of trauma attendances by month, April 2007 to March 2008**

Depart method	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home/Discharged	1295	1239	1300	1042	1054	1240	1315	1156	831	997	1024	983	13476	62
Fracture clinic - Alder Hey	326	295	246	244	262	289	255	224	119	181	223	179	2843	13
Re-dressing clinic	218	205	215	189	168	163	155	177	122	159	182	182	2135	10
General Practitioner	102	78	109	115	59	46	43	44	34	42	96	96	864	4
A&E observation area	68	69	69	54	62	49	44	52	33	43	31	35	609	3
Admitted to orthopaedic	41	51	46	30	40	38	30	20	14	12	14	21	357	2
Central admissions	41	26	41	31	25	24	15	12	12	17	17	12	273	1
Out patient other	22	16	17	10	21	14	26	31	11	12	22	11	213	1
Admitted plastics	19	14	16	15	19	8	13	14	8	17	16	10	169	1
Plastic surgery	4	8	8	13	16	7	17	18	11	11	19	14	146	1
Maxillary/Facial	7	10	14	10	17	13	7	8	5	3	12	9	115	1
Ear nose and throat - out patient department	19	5	6	8	6	13	6	12	10	10	4	8	107	0
Other	8	10	8	4	8	6	2	4	1	5	2	7	65	0
Community Nurse, Health Visitor, District Nurse, Midwife	3	2	8	7	8	6	8	6	1	3	5	4	61	0
Admitted	7	8	4	4	11	3	3	1	3	4	4	4	56	0
Dentist (Own)	3	6	11	3	1	5	2	5	0	3	5	3	47	0
Admitted medical	1	4	4	7	5	4	2	1	6	2	3	4	43	0
Medical follow up	3	4	2	2	5	4	6	5	3	2	5	2	43	0
Left before treatment	5	2	4	1	0	2	1	5	4	5	5	6	40	0
Ophthalmology	8	9	5	0	0	4	4	2	0	1	0	3	36	0
Admitted surgical	4	6	4	1	3	3	0	1	2	4	4	3	35	0
Refer to other hospital	0	4	0	0	4	0	1	1	2	0	2	4	18	0
Orthopaedic	3	2	2	0	0	3	0	2	0	4	0	0	16	0
On medical advice	0	0	0	1	0	1	0	0	0	0	0	0	2	0
Surgical Follow-up	0	0	0	0	0	0	0	0	0	0	0	1	1	0
First fitters clinic A&E	0	0	0	0	0	0	0	1	0	0	0	0	1	0
<b>Total</b>	<b>2207</b>	<b>2073</b>	<b>2139</b>	<b>1791</b>	<b>1794</b>	<b>1945</b>	<b>1955</b>	<b>1802</b>	<b>1232</b>	<b>1537</b>	<b>1695</b>	<b>1601</b>	<b>21771</b>	<b>100</b>

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