



This bulletin provides a breakdown of all attendances<sup>1</sup> at University Hospital Aintree Accident and Emergency department (AED) between October 2008 and September 2009.

Figure 1 illustrates the number of AED attendances by month of attendance. March had the highest number of attendances at Aintree AED during this time period (n=7,607)

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

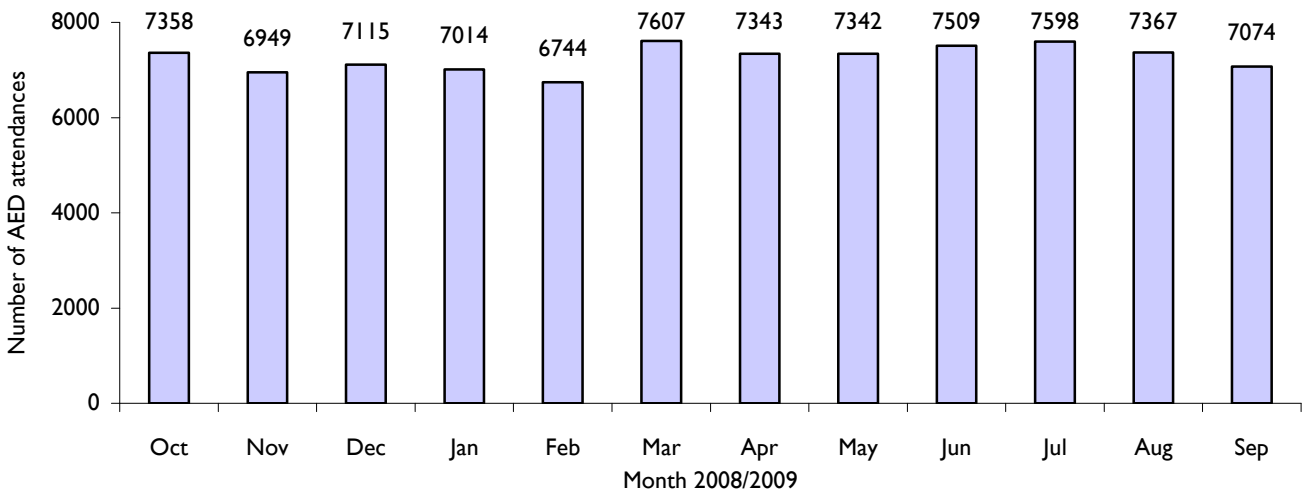
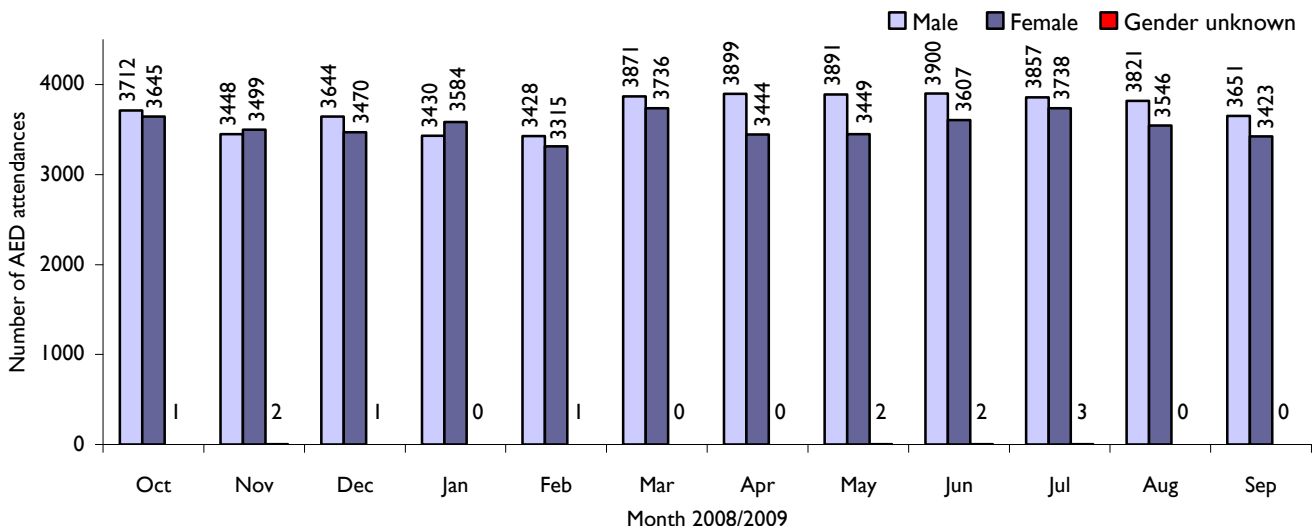


Figure 2 shows AED attendances by gender. There were a similar number of male and female attendances to Aintree AED.

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



<sup>1</sup> For other AEDs, TIIG reports on trauma incidents only. However, this report includes all attendances at Aintree AED. This is due to the high number of 'unknown' injury groups amongst attendances at Aintree AED which makes it difficult to analyse trauma cases separately.

Figure 3 illustrates age group of AED attendances for each month. Nearly all (99%) of AED attendances were aged 15 plus. This is probably due to the close proximity of a local children's AED department (Alder Hey).

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

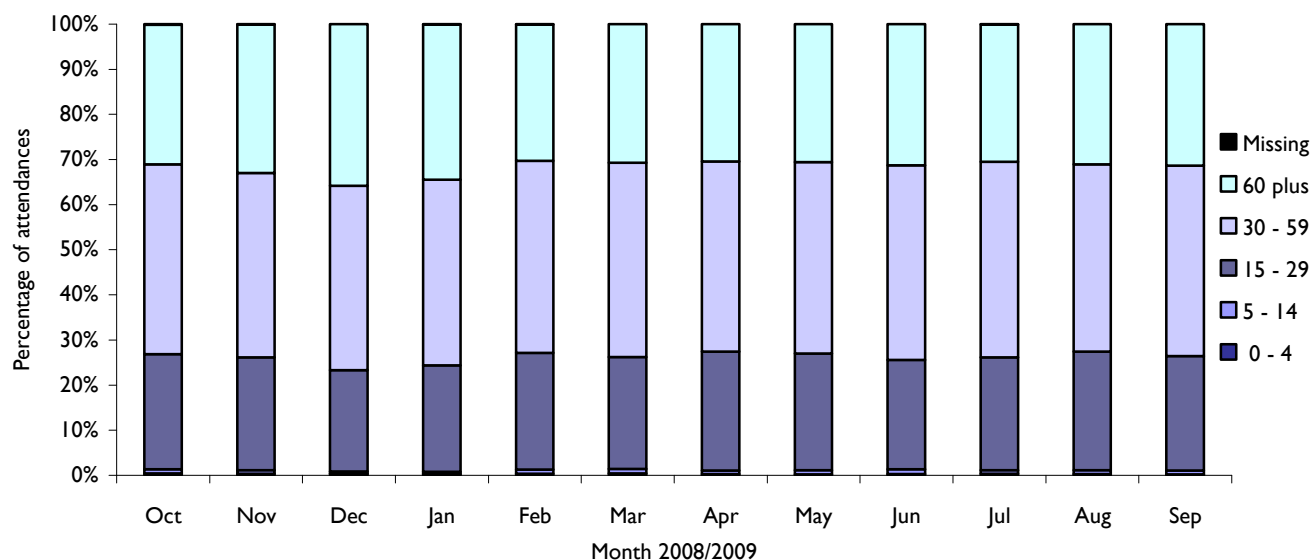


Table 1 details the injury group of AED attendances. In over three quarters (80%) of attendances, injury group was recorded as other or unknown. This group includes AED attendances that are not injury related, such as heart attacks. Of those injury groups recorded, falls accounted for 47% of attendances, road traffic accidents 17% and assaults 16%.

**Table 1: AED attendances by injury group, October 2008 to September 2009<sup>2</sup>**

Injury group	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Other/unknown	5812	5552	5701	5527	5372	6036	5812	5831	6040	6205	5813	5615	69316	80
Fall	699	659	722	772	659	695	672	690	736	694	683	684	8365	10
Road traffic accident	301	256	232	243	248	267	240	256	227	243	234	229	2976	3
Assault	220	203	230	221	192	241	285	278	241	192	301	224	2828	3
Sport	163	142	97	130	136	209	185	144	138	136	160	190	1830	2
Self	154	127	127	111	127	150	143	138	124	123	170	129	1623	2
Dead	<5	5	<5	6	7	5	<5	<5	<5	<5	<5	<5	41	0
Firework	5	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	41	0
<b>Total</b>	<b>7358</b>	<b>6949</b>	<b>7115</b>	<b>7014</b>	<b>6744</b>	<b>7607</b>	<b>7343</b>	<b>7342</b>	<b>7509</b>	<b>7598</b>	<b>7367</b>	<b>7074</b>	<b>87020</b>	<b>100</b>

Table 2 shows the location where falls occurred for patients presenting with fall-related injuries. The primary location for falls was the home (53%), followed by a public space (30%).

**Table 2: Fall attendances by location of incident, October 2008 to September 2009**

Fall location	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Home	350	362	391	387	325	393	371	386	380	350	363	359	4417	53
Public space	204	176	215	257	227	185	168	187	223	203	217	211	2473	30
Other	99	76	71	90	72	80	108	82	99	107	78	76	1038	12
Work	42	40	41	28	28	30	25	29	28	29	24	36	380	5
School	<5	5	<5	5	7	<5	<5	6	<5	<5	<5	<5	43	1
In patient - Aintree	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	6	0
Altcourse Prison	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0
Walton Prison	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0
<b>Total</b>	<b>699</b>	<b>659</b>	<b>722</b>	<b>772</b>	<b>659</b>	<b>695</b>	<b>672</b>	<b>690</b>	<b>736</b>	<b>694</b>	<b>683</b>	<b>684</b>	<b>8365</b>	<b>100</b>

<sup>2</sup> 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.

Table 3 provides data on the discharge method of AED attendances at University Hospital Aintree. Just under half (46%) of AED attendees were discharged<sup>3</sup>.

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

Discharge method	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Admitted to hospital	2821	2646	2811	2741	2582	2767	2752	2720	2671	2843	2623	2625	32602	37
Discharged	2280	2015	2030	1923	1806	2204	1986	1965	2077	2045	2186	1942	24459	28
Discharged to care of GP	777	796	728	688	753	701	770	757	704	769	681	783	8907	10
Discharged to return if condition gets worse	279	335	291	409	353	509	455	416	513	528	527	423	5038	6
Fracture clinic	294	259	275	280	282	318	300	331	372	306	321	338	3676	4
Patient left department	189	212	229	193	203	232	267	286	293	249	201	201	2755	3
AED clinic	226	185	212	224	228	248	188	203	197	236	196	186	2529	3
Other/unknown	132	121	138	153	139	190	146	180	171	177	202	176	1925	2
Discharged to other hospital	85	77	69	77	91	86	85	117	99	103	106	82	1077	1
Physiotherapy AED	61	75	73	81	75	98	87	107	117	94	69	85	1022	1
Own discharge	69	58	74	79	65	65	86	63	82	66	76	46	829	1
Patient did not answer when called for treatment	40	59	59	35	53	59	84	72	84	67	44	59	715	1
Ear/Nose/Throat	41	42	47	53	41	54	46	43	44	45	40	42	538	1
Ophthalmology clinic	24	16	26	17	26	31	24	18	32	28	24	25	291	0
Died in Department	12	25	21	23	15	14	19	17	16	12	17	17	208	0
Maxillary Facial Unit	17	7	11	15	14	20	19	16	12	11	18	14	174	0
Sent to theatre	<5	11	9	12	8	<5	10	11	7	<5	15	7	99	0
Discharged to dentist	6	7	<5	<5	<5	<5	9	9	12	8	12	15	89	0
Police custody	<5	<5	5	7	6	<5	6	7	<5	7	8	5	63	0
Falls Clinic	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	13	0
Brought in dead	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	5	0
Transfer to ward	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	5	0
Xray tomorrow	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0
<b>Total</b>	<b>7358</b>	<b>6949</b>	<b>7115</b>	<b>7014</b>	<b>6744</b>	<b>7607</b>	<b>7343</b>	<b>7342</b>	<b>7509</b>	<b>7598</b>	<b>7367</b>	<b>7074</b>	<b>87020</b>	<b>100</b>

## Assault questionnaire

In addition to the information presented above assault attendees at University Hospital Aintree are asked by reception staff whether they would be willing to answer more detailed questions about their assault. This includes information such as the specific location of assault (e.g. pub name/street), and is provided by TIIG to local agencies such as Crime and Disorder Reduction Partnerships (CDRPs), in a separate report to the one produced here. For further information on this report please contact the authors, whose details can be found at the end of this report. A general summary of the assault questionnaire is provided below.

Assault attendees presenting at University Hospital Aintree between October 2008 and September 2009 were primarily male (74%) and aged between 15 and 29 years (54%). Table four shows that of those known<sup>4</sup>, 41% of assault attendances had no intention of informing the police of their attack.

**Table 4: Assault attendances by whether they have informed the police and month, October 2008 to September 2009**

Police	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Unknown	138	141	161	162	139	169	221	197	165	150	228	178	2049	72
No	40	25	28	24	24	39	27	26	27	15	33	13	321	11
Yes	42	37	41	35	29	33	37	55	49	27	40	33	458	16
<b>Total</b>	<b>220</b>	<b>203</b>	<b>230</b>	<b>221</b>	<b>192</b>	<b>241</b>	<b>285</b>	<b>278</b>	<b>241</b>	<b>192</b>	<b>301</b>	<b>224</b>	<b>2828</b>	<b>100</b>

<sup>3</sup> Includes: discharged, discharged to care of GP, discharged – to return if condition gets worse, discharged to another hospital, own discharge and discharged to dentist.

<sup>4</sup> Please note that although a patient may complete the assault patient questionnaire data may not be provided for each question as the patient can refuse or be unable to answer particular questions. Data provided in the following analyses represent those patients who completed each question, respectively.

Table 5 provides data on whether an assault attendee had consumed alcohol within three hours prior to their attack. Where data was collected 56% of assault attendances had consumed alcohol.

**Table 5: Assault attendances by whether they had consumed alcohol within three hours prior to the assault and month, October 2008 to September 2009**

Assault Drink	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Unknown	145	144	159	167	142	182	235	206	179	155	236	184	2134	75
No	35	23	26	27	15	21	25	24	33	19	33	24	305	11
Yes	40	36	45	27	35	38	25	48	29	18	32	16	389	14
<b>Total</b>	<b>220</b>	<b>203</b>	<b>230</b>	<b>221</b>	<b>192</b>	<b>241</b>	<b>285</b>	<b>278</b>	<b>241</b>	<b>192</b>	<b>301</b>	<b>224</b>	<b>2828</b>	<b>100</b>

Table six illustrates the location where assaults occurred for patients presenting with assault-related injuries. Three quarters (75%) of all assault locations were unknown during October 2008 to September 2009. Of those known, over half (52%) occurred on the street.

**Table 6: Assault attendances by location of incident and month, October 2008 to September 2009**

Assault location	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Unknown	147	144	164	167	138	183	232	209	176	151	233	186	2130	75
Street	32	37	38	19	30	35	31	33	30	24	37	19	365	13
Your home	12	8	6	12	<5	5	6	8	15	8	8	7	99	4
Other	12	<5	<5	8	5	5	10	6	6	<5	7	<5	74	3
Bar/pub	7	5	10	<5	8	10	<5	16	<5	<5	<5	<5	71	3
Other home	<5	5	<5	6	5	<5	<5	<5	<5	<5	<5	<5	42	1
Workplace	6	<5	<5	5	<5	<5	<5	<5	8	<5	7	<5	37	1
Club	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	9	0
School	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0
<b>Total</b>	<b>220</b>	<b>203</b>	<b>230</b>	<b>221</b>	<b>192</b>	<b>241</b>	<b>285</b>	<b>278</b>	<b>241</b>	<b>192</b>	<b>301</b>	<b>224</b>	<b>2828</b>	<b>100</b>

Table seven illustrates the number of individuals/attackers involved in the assault. During October 2008 to September 2009 information on number of attackers was not collected from the majority (72%) of assault patients. Where data was collected, half (50%) of assault patients had been assaulted by more than one person.

**Table 7: Assault attendances by number of individuals involved in assault and month, October 2008 to September 2009**

Number of attackers	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Unknown	141	139	160	160	137	167	218	198	166	149	230	179	2044	72
1	36	32	33	34	24	37	33	35	35	27	43	20	389	14
2	17	16	18	10	9	10	11	25	11	6	10	8	151	5
3	10	8	8	8	<5	8	6	6	9	7	9	7	90	3
4	10	<5	<5	<5	6	7	5	<5	9	<5	<5	<5	55	2
5+	6	<5	10	6	12	12	12	10	11	<5	7	6	99	4
<b>Total</b>	<b>220</b>	<b>203</b>	<b>230</b>	<b>221</b>	<b>192</b>	<b>241</b>	<b>285</b>	<b>278</b>	<b>241</b>	<b>192</b>	<b>301</b>	<b>224</b>	<b>2828</b>	<b>100</b>

Table eight illustrates gender of attackers. Of those known 84% were male, compared with 10% female.

**Table 8: Assault attendances by gender of attackers and month, October 2008 to September 2009**

Attacker Gender	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Unknown	140	139	161	162	137	168	219	198	166	149	231	179	2049	72
Male	69	56	62	49	44	66	51	68	61	37	56	35	654	23
Female	6	6	<5	6	8	<5	11	10	8	<5	9	5	81	3
Both	5	<5	<5	<5	<5	<5	<5	<5	6	<5	5	5	44	2
<b>Total</b>	<b>220</b>	<b>203</b>	<b>230</b>	<b>221</b>	<b>192</b>	<b>241</b>	<b>285</b>	<b>278</b>	<b>241</b>	<b>192</b>	<b>301</b>	<b>224</b>	<b>2828</b>	<b>100</b>

Table nine shows that the relationship between assault attendee and those involved in the assault was unknown in three quarters of (77%) incidents during October 2008 to September 2009. Where data was collected, six in ten (64%) assault patients had been assaulted by a stranger.

**Table 9: Assault attendances by relationship with attacker and month, October 2008 to September 2009**

Relationship	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Unknown	154	154	178	174	145	173	229	216	181	150	232	180	2166	77
Stranger	46	31	33	28	32	53	36	42	32	19	47	22	421	15
Acquaintance/friend	11	10	8	8	7	7	10	8	14	<5	9	8	104	4
Partner	<5	<5	<5	<5	<5	<5	6	5	<5	5	6	<5	42	1
Family member	<5	<5	<5	<5	<5	<5	<5	5	<5	<5	<5	<5	34	1
Ex-partner	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	22	1
Work client/customer	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	22	1
Bouncer	<5	<5	<5	<5	<5	<5	<5	<5	<5	5	<5	<5	14	0
Work mate/colleague	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0
<b>Total</b>	<b>220</b>	<b>203</b>	<b>230</b>	<b>221</b>	<b>192</b>	<b>241</b>	<b>285</b>	<b>278</b>	<b>241</b>	<b>192</b>	<b>301</b>	<b>224</b>	<b>2828</b>	<b>100</b>

Table 10 shows method of attack. Of those known, 70% were attacked with a body part, such as a fist, 13% with a blunt object and 4% with a knife.

**Table 10: Assault attendances by method of attack and month, October 2008 to September 2009**

Weapon	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Unknown	161	155	183	177	144	177	233	220	183	150	233	179	2195	78
Body part	39	36	34	30	37	39	41	41	32	34	46	32	441	16
blunt object	6	7	<5	<5	7	10	<5	11	12	<5	9	6	81	3
Other	6	<5	<5	7	<5	6	5	<5	<5	<5	6	<5	49	2
Knife	6	<5	<5	<5	<5	<5	<5	<5	5	<5	<5	<5	28	1
Bottle	<5	<5	<5	<5	<5	<5	<5	<5	5	<5	<5	<5	24	1
Glass	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	8	0
Firearm	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0
<b>Total</b>	<b>220</b>	<b>203</b>	<b>230</b>	<b>221</b>	<b>192</b>	<b>241</b>	<b>285</b>	<b>278</b>	<b>241</b>	<b>192</b>	<b>301</b>	<b>224</b>	<b>2828</b>	<b>100</b>

Table 11 shows whether the assault attendee had previously been attacked by the perpetrator/perpetrators. Of those known, 11% had previously been attacked by the perpetrator/perpetrators.

**Table 11: Assault attendances by whether they have been previously attacked by the perpetrator and month, October 2008 to September 2009**

Previously assaulted	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Unknown	153	154	178	173	141	172	228	216	180	150	230	179	2154	76
No	63	44	47	40	51	60	52	54	55	36	64	37	603	21
Yes	<5	5	5	8	<5	9	5	8	6	6	7	8	71	3
<b>Total</b>	<b>220</b>	<b>203</b>	<b>230</b>	<b>221</b>	<b>192</b>	<b>241</b>	<b>285</b>	<b>278</b>	<b>241</b>	<b>192</b>	<b>301</b>	<b>224</b>	<b>2828</b>	<b>100</b>