

University Hospital Aintree Accident and Emergency Department Monthly Bulletin: January to December 2009

This bulletin provides a breakdown of all attendancesⁱ at University Hospital Aintree Accident and Emergency Department (AED) between January and December 2009. March had the highest number of attendances at Aintree AED during this time period (n=7,607). There were a similar number of male and female attendances to Aintree AED. Figure 3 illustrates age group of AED attendances for each month. Nearly all (99%) AED attendances were aged 15 plus. This is probably due to the close proximity of a local children's AED department (Alder Hey).

Figure 1: Gender of AED attendances by month, January to December 2009

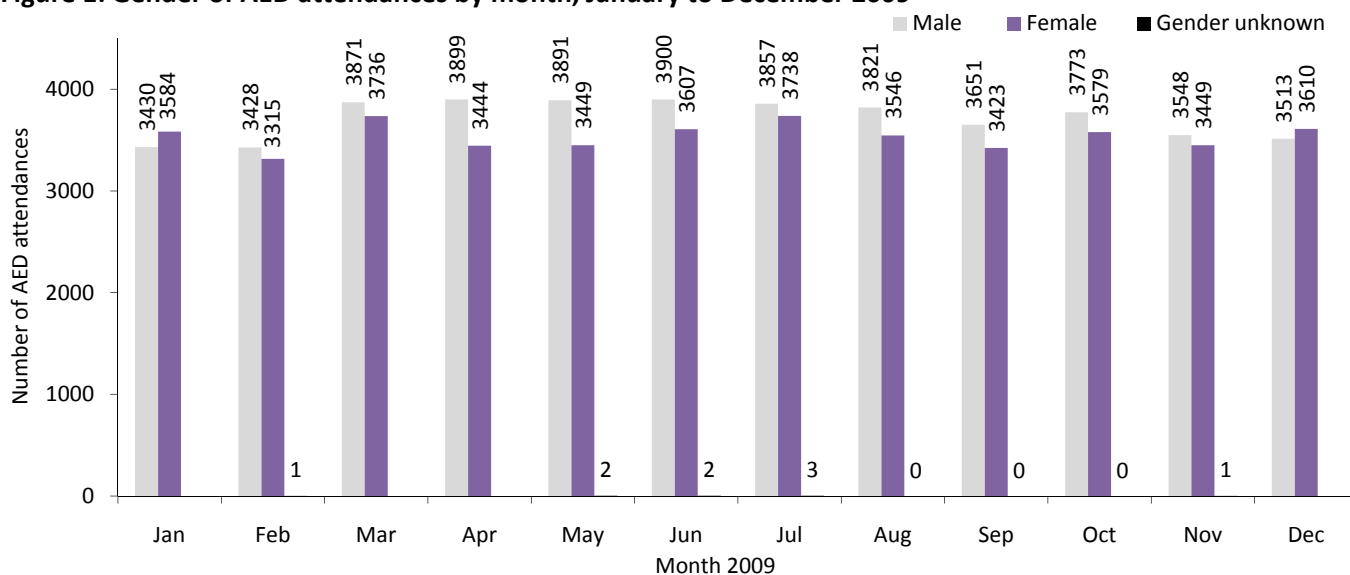
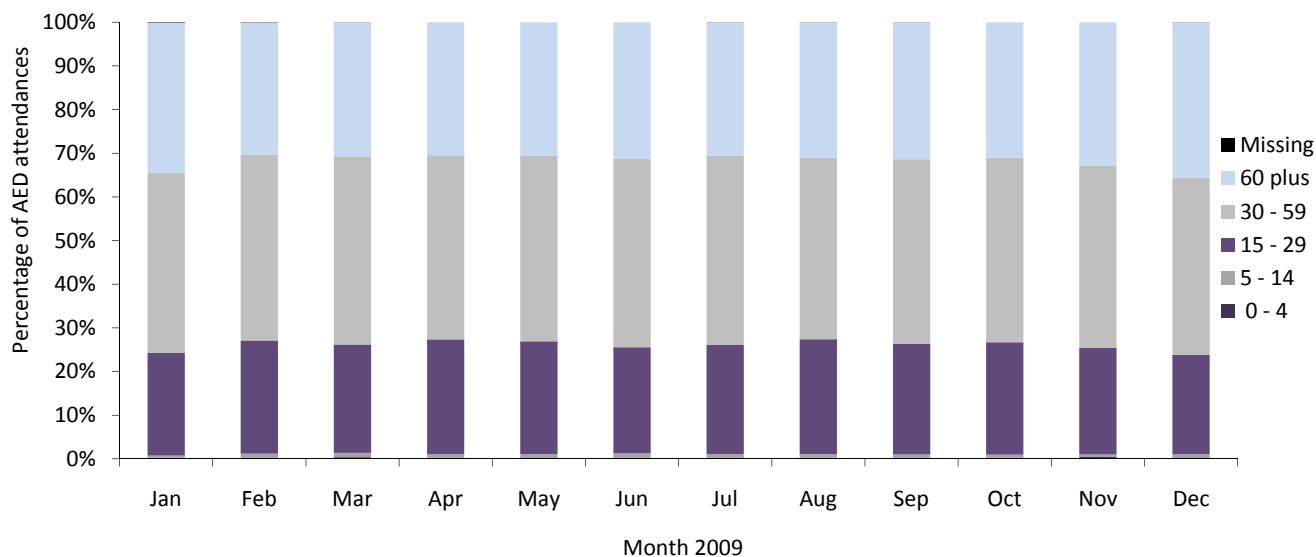


Figure 2: Age group of AED attendances by month, January to December 2009



In over three quarters (80%) of attendances, injury group was recorded as other/unknown. This group includes AED attendances that are not injury related, such as heart attacks. Of those injury groups recorded, falls accounted for 48% of attendances, and the primary location for falls was the home (52%) (Tables 1 and 2). Just under half (46%) of AED attendees were dischargedⁱⁱ (Table 3).

Table 1: AED attendances by injury group and month, January to December 2009ⁱⁱⁱ

Injury group	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	%
Other/unknown	5527	5372	6036	5812	5831	6040	6205	5813	5615	5989	5603	5498	69341	80
Fall	772	659	695	672	690	736	694	683	684	661	655	940	8541	10
Road traffic collision	243	248	267	240	256	227	243	234	229	208	255	242	2892	3
Assault	221	192	241	285	278	241	192	301	224	218	192	224	2809	3
Sport	130	136	209	185	144	138	136	160	190	176	156	102	1862	2
Self-harm	111	127	150	143	138	124	123	170	129	97	131	114	1557	2
Dead	***	***	***	***	***	***	***	***	***	***	***	***	35	0
Firework	***	***	***	***	***	***	***	***	***	***	***	***	34	0
Total	7014	6744	7607	7343	7342	7509	7598	7367	7074	7352	6998	7123	87071	100

Table 2: Fall attendances by location of incident and month, January to December 2009

Fall location	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	%
Home	387	325	393	371	386	380	350	363	359	360	365	411	4450	52
Public space	257	227	185	168	187	223	203	217	211	191	183	396	2648	31
Other	90	72	80	108	82	99	107	78	76	69	66	92	1019	12
Work	28	28	30	25	29	28	29	24	36	38	37	38	370	4
School	5	7	***	***	6	***	***	***	***	***	***	***	40	0
Walton Prison	***	***	***	***	***	***	***	***	***	***	***	***	6	0
Inpatient - Aintree	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Altcourse Prison	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	772	659	695	672	690	736	694	683	684	661	655	940	8541	100

Table 3: Discharge method of trauma attendances by month, January to December 2009

Discharge method	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	%
Admitted	2741	2582	2767	2752	2720	2671	2843	2623	2625	2730	2626	2642	32322	37
Discharged	1923	1806	2204	1986	1965	2077	2045	2186	1942	2107	1958	2007	24206	28
Discharged - GP	688	753	701	770	757	704	769	681	783	767	815	742	8930	10
Discharged - return if condition worsens	409	353	509	455	416	513	528	527	423	454	316	440	5343	6
Fracture clinic	280	282	318	300	331	372	306	321	338	303	295	345	3791	4
Patient left department	193	203	232	267	286	293	249	201	201	222	197	160	2704	3
AED clinic	224	228	248	188	203	197	236	196	186	196	198	173	2473	3
Other/unknown	153	139	190	146	180	171	177	202	176	147	194	229	2104	2
Discharged - other hospital	77	91	86	85	117	99	103	106	82	104	90	72	1112	1
Physiotherapy AED	81	75	98	87	107	117	94	69	85	73	84	73	1043	1
Own discharge	79	65	65	86	63	82	66	76	46	55	59	73	815	1
Patient did not answer	35	53	59	84	72	84	67	44	59	58	41	38	694	1
Ear/nose/throat	53	41	54	46	43	44	45	40	42	48	42	47	545	1
Ophthalmology clinic	17	26	31	24	18	32	28	24	25	25	22	18	290	0
Died in department	23	15	14	19	17	16	12	17	17	23	19	24	216	0
Maxillary facial unit	15	14	20	19	16	12	11	18	14	12	13	13	177	0
Discharged - dentist	***	***	***	9	9	12	8	12	15	13	14	11	112	0
Sent to theatre	12	8	***	10	11	7	***	15	7	7	9	6	100	0
Police custody	7	6	***	6	7	***	7	8	5	6	5	6	68	0
Falls clinic	***	***	***	***	***	***	***	***	***	***	***	***	10	0
Brought in dead	***	***	***	***	***	***	***	***	***	***	***	***	8	0
Transfer to ward	***	***	***	***	***	***	***	***	***	***	***	***	8	0
Total	7014	6744	7607	7343	7342	7509	7598	7367	7074	7352	6998	7123	87071	100

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), which 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 January and December 2009 were primarily male (74%) and aged between 15 and 29 years (54%). Of those known^{iv}, 40% of assault attendances had no intention of informing the police of their attack and 55% had consumed alcohol within three hours prior to their attack (Tables 4 and 5). Nearly half (48%) of assaults occurred on the street and almost half (48%) of assault patients had been assaulted by more than one person (Tables 6 and 7).

Table 4: Assault attendances by whether they have informed/intend to inform the police and month, January to December 2009

Police	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	%
Unknown	162	139	169	221	197	165	150	228	178	153	121	159	2042	73
No	24	24	39	27	26	27	15	33	13	19	32	27	306	11
Yes	35	29	33	37	55	49	27	40	33	46	39	38	461	16
Total	221	192	241	285	278	241	192	301	224	218	192	224	2809	100

Table 5: Assault attendances by whether they had consumed alcohol within three hours prior to the assault and month, January to December 2009

Drank alcohol	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	%
Unknown	167	142	182	235	206	179	155	236	184	152	122	156	2116	75
No	27	15	21	25	24	33	19	33	24	34	34	22	311	11
Yes	27	35	38	25	48	29	18	32	16	32	36	46	382	14
Total	221	192	241	285	278	241	192	301	224	218	192	224	2809	100

Table 6: Assault attendances by location of incident and month, January to December 2009

Assault location	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	%
Unknown	167	138	183	232	209	176	151	233	186	149	118	153	2095	75
Street	19	30	35	31	33	30	24	37	19	33	25	30	346	12
Your home	12	***	5	6	8	15	8	8	7	9	8	7	97	3
Other	8	5	5	10	6	6	***	7	***	10	12	9	85	3
Bar/pub	***	8	10	***	16	***	***	***	***	8	9	14	80	3
Other home	6	5	***	***	***	***	***	***	***	***	***	***	41	1
Workplace	5	***	***	***	***	8	***	7	***	***	9	***	41	1
Club	***	***	***	***	***	***	***	***	***	***	***	***	11	0
Public place	***	***	***	***	***	***	***	***	***	***	6	***	8	0
Public transport	***	***	***	***	***	***	***	***	***	***	***	***	***	0
School	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	221	192	241	285	278	241	192	301	224	218	192	224	2809	100

Table 7: Assault attendances by number of individuals involved in assault and month, January to December 2009

No. attackers	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	%
Unknown	160	137	167	218	198	166	149	230	179	151	120	157	2032	72
One	34	24	37	33	35	35	27	43	20	40	40	37	405	14
Two or more	27	31	37	34	45	40	16	28	25	27	32	30	372	13
Total	221	192	241	285	278	241	192	301	224	218	192	224	2809	100

Where information was collected 84% of attendances said they were attacked by a male and 12% by a female (Table 8). Over six in ten (64%) attendances stated that they had been assaulted by a stranger (Table 9) and 11% had previously been assaulted by their attacker (Table 10). Table 11 shows method of attack. Of those known, 65% were attacked with a body part, such as a fist, 11% with a blunt object, 4% with a bottle and 4% with a knife.

Table 8: Assault attendances by gender of attackers and month, January to December 2009

Attacker gender	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	%
Unknown	162	137	168	219	198	166	149	231	179	153	120	156	2038	73
Female	***	***	***	***	***	8	***	9	5	***	***	***	89	3
Male	49	44	66	51	68	61	37	56	35	57	62	58	644	23
Both	***	***	***	***	***	6	***	5	5	***	***	***	38	1
Total	221	192	241	285	278	241	192	301	224	218	192	224	2809	100

Table 9: Assault attendances by relationship with attacker and month, January to December 2009

Relationship	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	%
Unknown	174	145	173	229	216	181	150	232	180	153	127	155	2115	75
Stranger	28	32	53	36	42	32	19	47	22	48	40	46	445	16
Acquaintance/friend	8	7	7	10	8	14	***	9	8	7	8	13	103	4
Partner	***	***	***	6	5	***	5	6	***	***	***	***	40	1
Family Member	***	***	***	***	5	***	***	***	***	***	***	***	38	1
Work customer/colleague	***	***	***	***	***	***	***	***	***	***	6	***	27	1
Bouncer	***	***	***	***	***	***	5	***	***	***	***	***	21	1
Ex-Partner	***	***	***	***	***	***	***	***	***	***	***	***	20	1
Total	221	192	241	285	278	241	192	301	224	218	192	224	2809	100

Table 10: Assault attendances by whether they have been previously attacked by the perpetrator, January to December 2009

Previously assaulted by attacker	Total	%
Unknown	2101	75
No	633	23
Yes	75	3
Total	2809	100

Table 11: Assault attendances by method of attack and month, January to December 2009

Weapon	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	%
Unknown	177	144	177	233	220	183	150	233	179	156	135	159	2146	76
body part	30	37	39	41	41	32	34	46	32	37	45	40	454	16
blunt object	***	7	10	***	11	12	***	9	6	6	***	6	78	3
other	7	***	6	5	***	***	***	6	***	8	***	10	58	2
bottle	***	***	***	***	***	5	***	***	***	7	***	***	28	1
knife	***	***	***	***	***	5	***	***	***	***	***	***	28	1
Glass	***	***	***	***	***	***	***	***	***	***	***	***	***	1
Firearm	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	221	192	241	285	278	241	192	301	224	218	192	224	2809	100

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ⁱ For other AEDs, TIIG reports on injuries 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 injury attendances separately.

ⁱⁱ Includes: discharged, discharged - GP, discharged - to return if condition worsens, discharged - another hospital, own discharge and discharged - dentist.

ⁱⁱⁱ ***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 in order to prevent back calculations from totals.

^{iv} 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.