

University Hospital Aintree Emergency Department Monthly Bulletin: April 2009 to March 2010

This bulletin provides a breakdown of all attendances¹ at University Hospital Aintree Emergency Department (ED) between April 2009 and March 2010. July had the highest number of attendances at Aintree ED during this time period (n=7,598). There were a similar number of male and female attendances to Aintree ED. Figure 2 illustrates age group of ED attendances for each month. Nearly all (99%) ED attendances were aged 15 plus. This is probably due to the close proximity of a local children's ED (Alder Hey).

Figure 1: Gender of ED attendances by month, April 2009 to March 2010

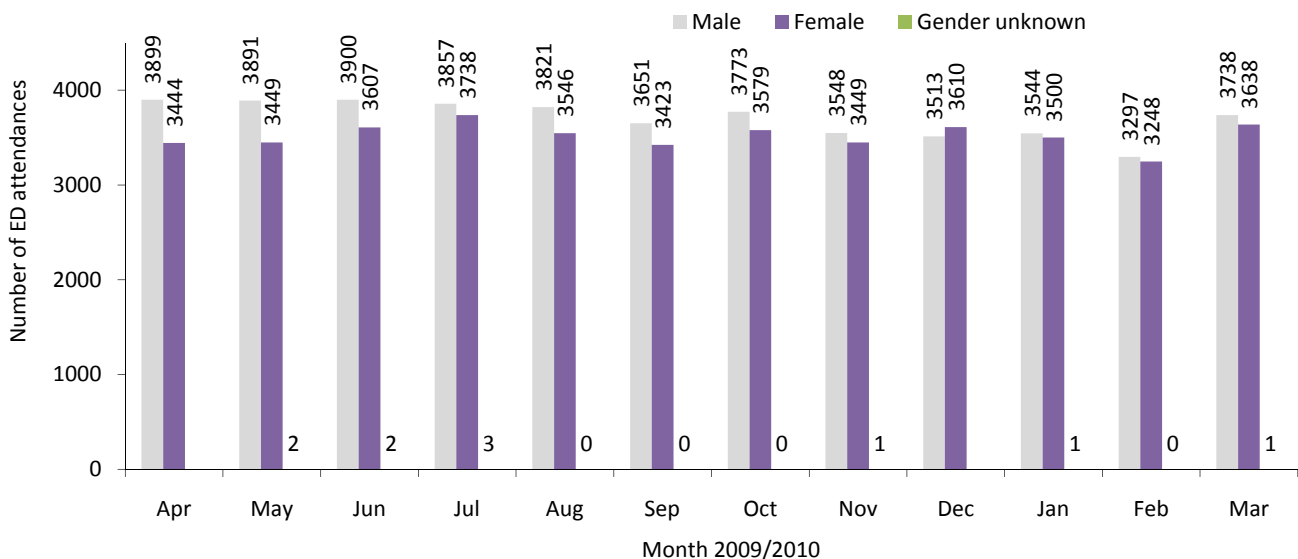
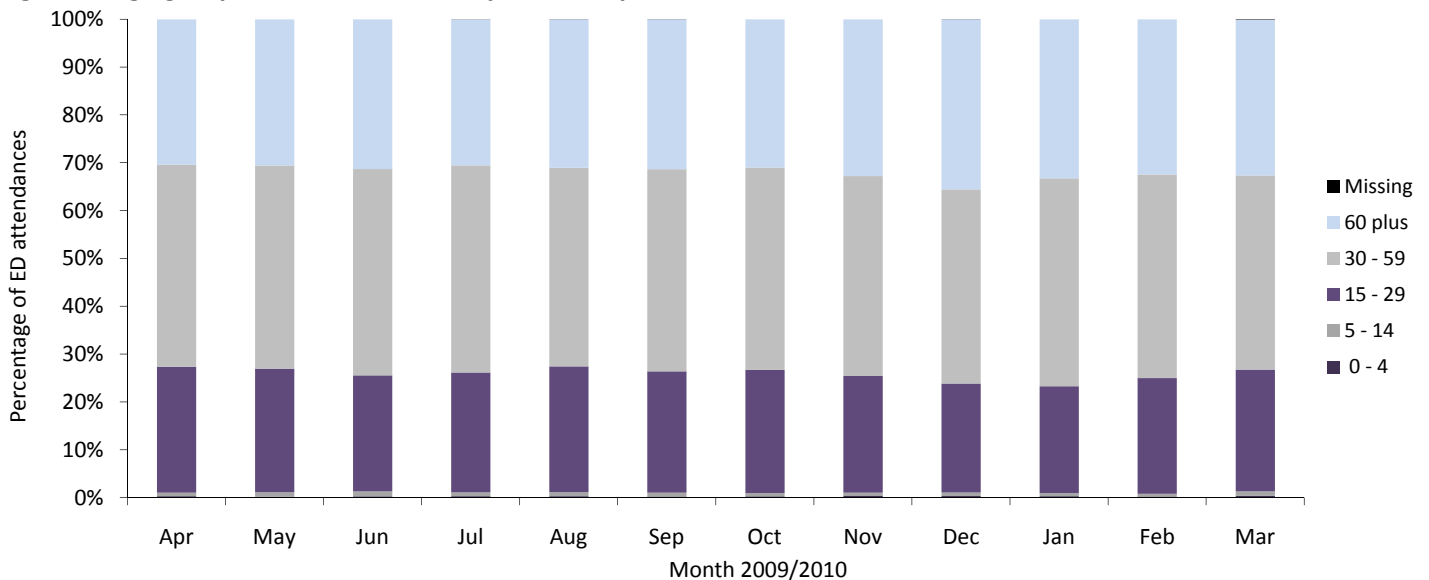


Figure 2: Age group of ED attendances by month, April 2009 to March 2010



In over three quarters (79%) of attendances, injury group was recorded as other/unknown. This group includes ED attendances that are not injury related, such as heart attacks. Of those injury groups recorded, falls accounted for 10% of attendances, and the primary location for falls was the home (51%) (Tables 1 and 2). Just over a third (37%) of ED attendees were admitted to hospital (Table 3).

Table 1: ED attendances by injury group and month, April 2009 to March 2010ⁱⁱ

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other/unknown	5812	5831	6040	6205	5813	5615	5989	5603	5498	5351	5164	5849	68770	79
Fall	672	690	736	694	683	684	661	655	940	1067	634	738	8854	10
Road traffic collision	240	256	227	243	234	229	208	255	242	229	262	231	2856	3
Assault	285	278	241	192	301	224	218	192	224	194	215	223	2787	3
Sports injury	185	144	138	136	160	190	176	156	102	79	144	188	1798	2
Deliberate self-harm	143	138	124	123	170	129	97	131	114	122	125	147	1563	2
Firework	***	***	***	***	***	***	***	***	***	***	***	***	26	0
Brought in dead	***	***	***	***	***	***	***	***	***	***	***	***	19	0
Total	7343	7342	7509	7598	7367	7074	7352	6998	7123	7045	6545	7377	86673	100

Table 2: Fall attendances by location of incident and month, April 2009 to March 2010

Location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home	371	386	380	350	363	359	360	365	411	393	348	388	4474	51
Public Space	168	187	223	203	217	211	191	183	396	505	201	228	2913	33
Other	108	82	99	107	78	76	69	66	92	108	55	78	1018	11
Work	25	29	28	29	24	36	38	37	38	52	27	33	396	4
School	***	6	***	***	***	***	***	***	***	9	***	8	43	0
Walton Prison	***	***	***	***	***	***	***	***	***	***	***	***	6	0
Altcourse Prison	***	***	***	***	***	***	***	***	***	***	***	***	***	0
In patient - Aintree	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	672	690	736	694	683	684	661	655	940	1067	634	738	8854	100

Table 3: Discharge method of ED attendances by month, April 2009 to March 2010

Discharge method	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Admitted to hospital	2752	2720	2671	2843	2623	2625	2730	2626	2642	2615	2445	2790	32082	37
Discharged	1986	1965	2077	2045	2186	1942	2107	1958	2007	2023	1762	2150	24208	28
Discharged to GP	770	757	704	769	681	783	767	815	742	667	777	720	8952	10
Discharged to return if condition gets worse	455	416	513	528	527	423	454	316	440	409	351	414	5246	6
Fracture clinic	300	331	372	306	321	338	303	295	345	355	271	282	3819	4
Patient left department	267	286	293	249	201	201	222	197	160	187	205	201	2669	3
Other/unknown	146	180	171	177	202	176	147	194	229	259	228	221	2330	3
ED clinic	188	203	197	236	196	186	196	198	173	147	127	155	2202	3
Discharged to other hospital	85	117	99	103	106	82	104	90	72	72	84	95	1109	1
Physiotherapy ED	87	107	117	94	69	85	73	84	73	87	73	99	1048	1
Own discharge	86	63	82	66	76	46	55	59	73	68	67	79	820	1
Patient did not answer	84	72	84	67	44	59	58	41	38	39	40	51	677	1
Ear/nose/throat	46	43	44	45	40	42	48	42	47	37	44	43	521	1
Ophthalmology clinic	24	18	32	28	24	25	25	22	18	20	13	19	268	0
Died in department	19	17	16	12	17	17	23	19	24	27	16	15	222	0
Maxillary facial unit	19	16	12	11	18	14	12	13	13	15	12	15	170	0
Discharged to dentist	9	9	12	8	12	15	13	14	11	***	13	10	130	0
Sent to theatre	10	11	7	***	15	7	7	9	6	8	11	7	102	0
Police custody	6	7	***	7	8	5	6	5	6	5	6	6	71	0
Transfer to ward	***	***	***	***	***	***	***	***	***	***	***	5	12	0
Falls clinic	***	***	***	***	***	***	***	***	***	***	***	***	8	0
Brought in dead	***	***	***	***	***	***	***	***	***	***	***	***	7	0
Total	7343	7342	7509	7598	7367	7074	7352	6998	7123	7045	6545	7377	86673	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 Community Safety Partnerships (CSP's), 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 ED between April 2009 and March 2010 were primarily male (74%) and aged between 15 and 29 years (55%). Of those knownⁱⁱⁱ, 39% of assault attendances had no intention of informing the police of their attack and 53% had consumed alcohol within three hours prior to their attack (Tables 4 and 5). Nearly half (46%) of assaults occurred on the street and almost half (47%) 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, April 2009 to March 2010

Police	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	221	197	165	150	228	178	153	121	159	110	119	135	1936	69
No	27	26	27	15	33	13	19	32	27	36	41	40	336	12
Yes	37	55	49	27	40	33	46	39	38	48	55	48	515	18
Total	285	278	241	192	301	224	218	192	224	194	215	223	2787	100

Table 5: Assault attendances by whether they had consumed alcohol within three hours prior to the assault and month, April 2009 to March 2010

Drank alcohol	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	235	206	179	155	236	184	152	122	156	109	122	133	1989	71
No	25	24	33	19	33	24	34	34	22	38	40	48	374	13
Yes	25	48	29	18	32	16	32	36	46	47	53	42	424	15
Total	285	278	241	192	301	224	218	192	224	194	215	223	2787	100

Table 6: Assault attendances by location of incident and month, April 2009 to March 2010

Assault location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	232	209	176	151	233	186	149	118	153	108	118	134	1967	71
Street	31	33	30	24	37	19	33	25	30	31	34	49	376	13
Your home	6	8	15	8	8	7	9	8	7	18	10	10	114	4
Other	10	6	6	***	7	***	10	12	9	7	12	7	93	3
Bar/pub	***	16	***	***	***	***	8	9	14	12	16	***	90	3
Other home	***	***	***	***	***	***	***	***	***	10	10	***	52	2
Workplace	***	***	8	***	7	***	***	9	***	***	6	6	47	2
Club	***	***	***	***	***	***	***	***	***	***	***	***	20	1
Public place	***	***	***	***	***	***	***	6	***	***	***	5	19	1
Public transport	***	***	***	***	***	***	***	***	***	***	***	***	***	0
School	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	285	278	241	192	301	224	218	192	224	194	215	223	2787	100

Table 7: Assault attendances by number of individuals involved in assault and month, April 2009 to March 2010

Number of Attackers	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	218	198	166	149	230	179	151	120	157	109	119	136	1932	69
1	33	35	35	27	43	20	40	40	37	41	56	43	450	16
2 or more	34	45	40	16	28	25	27	32	30	44	40	44	405	15
Total	285	278	241	192	301	224	218	192	224	194	215	223	2787	100

Where information was collected 83% of attendances said they were attacked by a male and 12% by a female (Table 8). Over six in ten (62%) 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, 70% were attacked with a body part, such as a fist, 13% with a blunt object, 4% with a bottle and 4% with a knife.

Table 8: Assault attendances by gender of attackers and month, April 2009 to March 2010

Attacker gender	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	219	198	166	149	231	179	153	120	156	109	121	136	1937	70
Male	51	68	61	37	56	35	57	62	58	66	83	75	709	25
Female	11	10	8	***	9	5	7	9	8	10	8	9	98	4
Both	***	***	6	***	5	5	***	***	***	9	***	***	43	2
Total	285	278	241	192	301	224	218	192	224	194	215	223	2787	100

Table 9: Assault attendances by relationship with attacker and month, April 2009 to March 2010

Relationship	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	229	216	181	150	232	180	153	127	155	115	122	136	1996	72
Stranger	36	42	32	19	47	22	48	40	46	41	60	58	491	18
Acquaintance/friend	10	8	14	***	9	8	7	8	13	16	12	14	123	4
Partner	6	5	***	5	6	***	***	***	***	9	7	***	54	2
Family member	***	5	***	***	***	***	***	***	***	6	5	***	44	2
Work client/customer	***	***	***	***	***	***	***	6	***	***	5	***	31	1
Ex-partner	***	***	***	***	***	***	***	***	***	***	***	***	23	1
Bouncer	***	***	***	5	***	***	***	***	***	***	***	***	21	1
Work mate/colleague	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	285	278	241	192	301	224	218	192	224	194	215	223	2787	100

Table 10: Assault attendances by whether they have been previously attacked by the perpetrator, April 2009 to March 2010

Previously assaulted by attacker	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	228	216	180	150	230	179	151	126	155	110	120	137	1982	71
No	52	54	55	36	64	37	61	59	64	71	87	74	714	26
Yes	5	8	6	6	7	8	6	7	5	13	8	12	91	3
Total	285	278	241	192	301	224	218	192	224	194	215	223	2787	100

Table 11: Assault attendances by method of attack and month, April 2009 to March 2010

Weapon	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	233	220	183	150	233	179	156	135	159	116	125	145	2034	73
Body part	41	41	32	34	46	32	37	45	40	49	59	65	521	19
Blunt object	***	11	12	***	9	6	6	***	6	12	19	6	95	3
Other	***	***	***	***	***	***	***	10	***	5	5	9	50	2
Bottle	***	***	5	***	***	***	7	***	***	5	5	***	33	1
Knife	***	***	5	***	***	***	***	***	***	***	***	***	30	1
Glass	***	***	***	***	***	***	***	***	6	***	***	***	15	1
Firearm	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	285	278	241	192	301	224	218	192	224	194	215	223	2787	100

Published June 2010

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ⁱ For other EDs, TIIG reports on injuries only. However, this report includes all attendances at Aintree ED. This is due to the high number of 'unknown' injury groups amongst attendances at Aintree ED which makes it difficult to analyse injury attendances separately.

ⁱⁱ ***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.

ⁱⁱⁱ 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.