

Royal Liverpool Emergency Department Monthly Bulletin: January to December 2010

This bulletin provides a breakdown of all injury attendances at the Royal Liverpool Emergency Department (ED) between January and December 2010¹. Between January and December 2010 there were 37,140 injury attendances, peaking in June (n=3,362), with February (n=2,573) having the fewest. **Figure 1** gives a breakdown of monthly injury attendances by gender, illustrating that for all months there were more male (54%) injury attendances than female presenting at the Royal Liverpool ED. The majority of injury attendances were made by people over the age of 14 years (**Figure 2**). The low number of injury attendances under the age of 15 presenting at the Royal Liverpool ED could possibly be due to the close proximity of a local children's ED (Alder Hey).

Table 1 details the injury group of injury attendances. The majority (73%) of injury attendances have been classified as other injury. This category includes injuries such as head injuries and arm injuries, for example. Three quarters (75%) of injuries occurred in the home (**Table 2**).

Most injury attendances (39%) were discharged from the ED and three in ten (31%) were admitted to hospital (**Table 3**).

Assault questionnaire

The Royal Liverpool ED collects additional information on assault attendances and a summary of this data is

provided in this report². More detailed information collected by staff at the Royal Liverpool ED on issues such as the specific location of assault (e.g. pub name/street), is provided by TIIG to local agencies such as Citysafe in a separate report to the one produced here.

Assault attendees presenting at the Royal Liverpool ED between January and December 2010 were mainly male (76%) and 58% were aged between 15 and 29 years.

Table 4 shows that where data was collected, 54% of assault attendances had consumed alcohol within three hours prior to their attack. Over four-fifths (82%) of all assault locations were unknown during January to December 2010. Of those known, over half (55%) occurred on the street (**Table 5**).

Table 6 shows that the relationship between assault attendee and those involved in the assault was unknown in the majority (84%) of incidents. Where data was collected, two-thirds (69%) of assault patients had been assaulted by a stranger.

Table 7 shows method of attack. Of those known, 67% were attacked with a body part, such as a fist, 6% with a bottle and 6% with a blunt object.

¹ Figures may not tally with previous reports because this report contains re-submitted data.

² 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.

Figure 1: Gender of injury attendances by month, January to December 2010

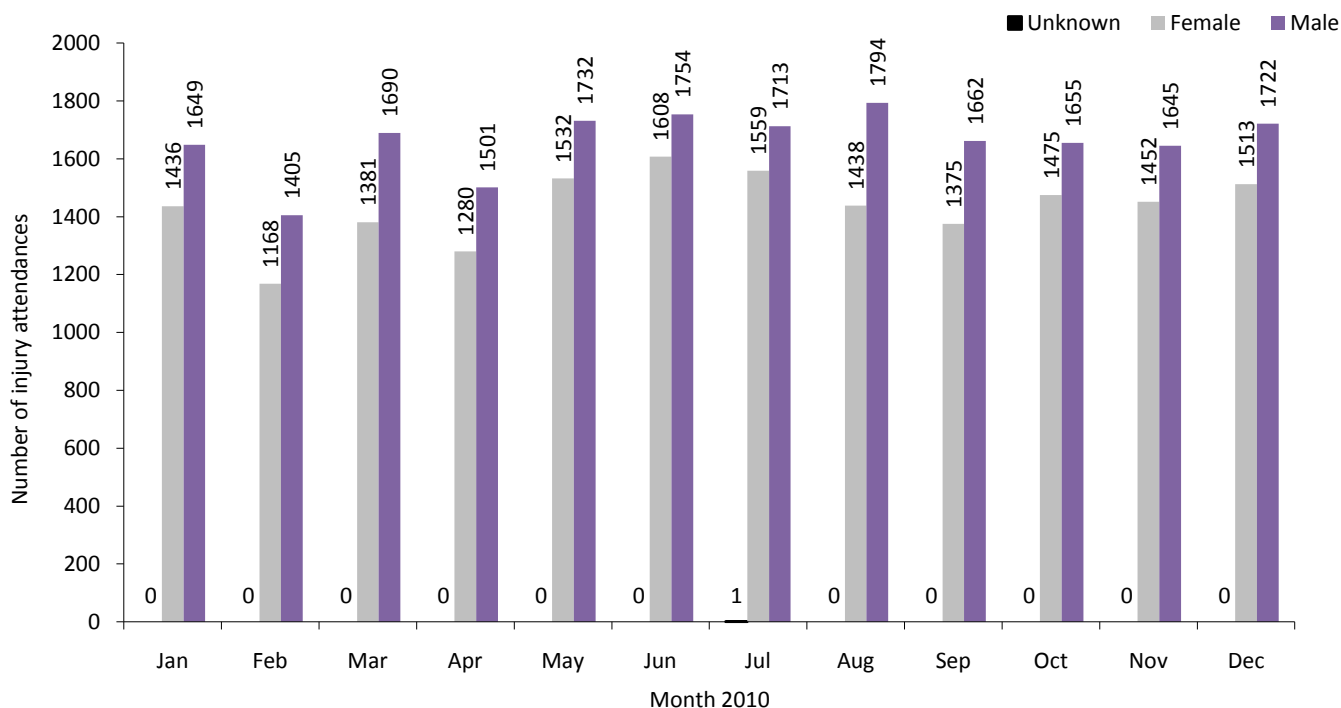


Figure 2: Age group of injury attendances by month, January to December 2010

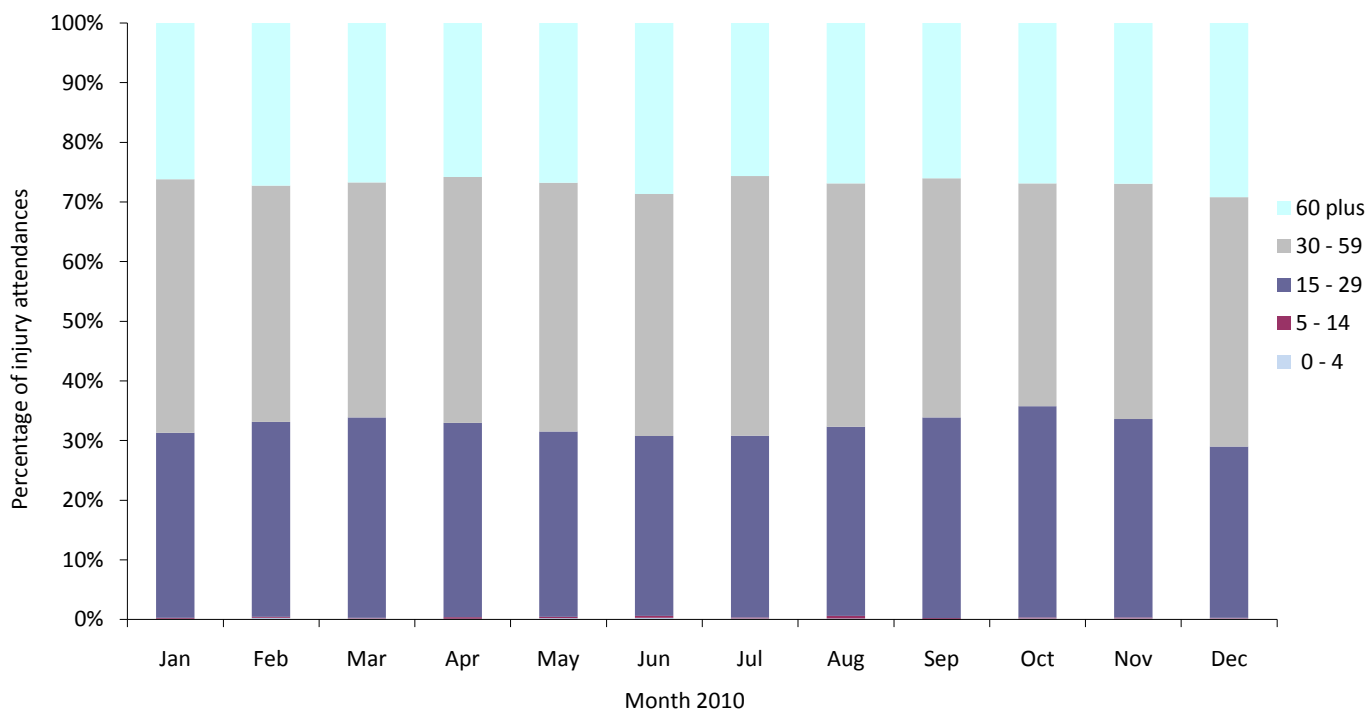


Table 1: Injury attendances by injury group and month, January to December 2010

Injury group	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	%
Other injury	2048	1839	2235	1930	2463	2624	2460	2478	2235	2241	2312	2264	27129	73
Fall	514	205	265	321	315	278	322	299	311	359	322	565	4076	11
Assault	200	173	191	203	188	181	198	193	163	170	141	141	2142	6
Overdose	99	105	100	120	106	99	104	90	125	133	96	92	1269	3
Sport injury	107	128	146	96	65	71	67	68	76	113	99	64	1100	3
RTC	80	95	86	77	80	77	80	68	76	79	80	64	942	3
Burn	16	17	29	16	24	14	21	17	29	22	26	26	257	1
Self-harm	21	11	19	18	23	18	21	18	22	13	21	19	224	1
Total	3085	2573	3071	2781	3264	3362	3273	3232	3037	3130	3097	3235	37140	100

*RTC=Road traffic collision

Table 2: Injury attendances by location and month, January to December 2010

Location	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	%
Home	2152	1933	2393	2098	2561	2706	2454	2407	2305	2225	2258	2329	27821	75
Public place	477	337	387	368	376	346	475	493	385	508	454	473	5079	14
Other	395	249	194	243	264	240	271	256	270	324	306	381	3393	9
Work	42	29	60	47	31	51	45	43	43	47	52	46	536	1
Leisure facility	19	25	37	25	32	19	28	33	34	26	27	6	311	1
Total	3085	2573	3071	2781	3264	3362	3273	3232	3037	3130	3097	3235	37140	100

Table 3: Injury attendances by disposal method and month, January to December 2010^{3,4,5}

Disposal	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	%
Discharged	1256	987	1225	1094	1269	1265	1393	1296	1056	1181	1275	1266	14563	39
Admitted	897	826	917	891	1065	1008	985	941	1031	1025	983	981	11550	31
Discharge - follow-up by GP	225	211	246	215	251	370	279	274	249	205	178	247	2950	8
Left - before being treated	205	171	236	218	230	257	189	285	263	249	229	278	2810	8
Referred to fracture clinic	234	103	133	120	154	161	151	155	148	146	148	225	1878	5
Referred to other HCP	62	92	103	80	120	104	118	115	105	105	110	85	1199	3
Referred to ED clinic	67	35	57	40	55	66	37	60	62	70	59	38	646	2
Referred to OPD clinic	44	46	61	61	50	56	60	39	56	57	44	56	630	2
Other	37	46	46	18	19	31	18	19	15	21	16	12	298	1
Transfer to other HCP	25	22	20	17	26	34	21	23	23	33	29	22	295	1
Left - refused treatment	22	21	21	19	19	7	18	19	24	30	21	16	237	1
Patient died in department	8	6	***	***	***	***	***	6	5	8	5	7	61	0
Restored to ward	***	7	5	***	***	***	***	***	***	***	***	***	23	0
Total	3085	2573	3071	2781	3264	3362	3273	3232	3037	3130	3097	3235	37140	100

Table 4: Assault attendees' alcohol consumption within three hours prior to the assault by month, January to December 2010

Alcohol consumption	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	%
Unknown	159	147	163	165	162	162	176	129	136	157	111	89	1756	82
Yes	20	11	10	13	9	6	16	36	13	6	17	33	190	9
No	19	13	16	22	15	11	5	24	13	***	11	12	165	8
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	16	1
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	6	15	1
Total	200	173	191	203	188	181	198	193	163	170	141	141	2142	100

Table 5: Assault attendances by location of incident and month, January to December 2010

Assault location	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	%
Unknown	159	147	163	165	162	162	176	129	136	157	113	89	1758	82
Street	21	11	15	24	19	10	14	42	9	5	14	27	211	10
Bar/pub	5	6	***	***	***	***	***	5	***	***	7	8	43	2
Your home	***	***	***	***	***	6	***	***	6	***	***	5	39	2
Club	***	***	***	***	***	***	***	***	***	***	***	***	22	1
Other	***	***	***	5	***	***	***	***	***	***	***	***	21	1
Someone else's home	***	***	***	***	***	***	***	5	***	***	***	***	19	1
Workplace	***	***	***	***	***	***	***	***	***	***	***	***	13	1
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	9	0
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	7	0
Total	200	173	191	203	188	181	198	193	163	170	141	141	2142	100

³ *** 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. <6) in order to prevent back calculations from totals.

⁴ OPD= out-patient department, HCP=health care provider.

⁵ Please note percentages might not add to one hundred due to rounding.

Table 6: Assault attendances by relationship with attacker and month, January to December 2010

Relationship with attacker	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	%
Unknown	161	151	170	172	163	164	178	135	145	160	114	90	1803	84
Stranger	25	13	15	23	20	12	14	39	7	8	20	37	233	11
Acquaintance/friend	***	***	***	***	***	***	***	11	5	***	***	5	39	2
Partner	***	***	***	***	***	***	***	***	***	***	***	***	15	1
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	12	1
Bouncer	***	***	***	***	***	***	***	***	***	***	***	***	10	0
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	10	0
Family member	***	***	***	***	***	***	***	***	***	***	***	***	9	0
Work client/customer	***	***	***	***	***	***	***	***	***	***	***	***	6	0
Work mate/colleague	***	***	***	***	***	***	***	***	***	***	***	***	1	0
Ex-partner	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Police	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	200	173	191	203	188	181	198	193	163	170	141	141	2142	100

Table 7: Assault attendances by method of attack and month, January to December 2010

Method of attack	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	%
Unknown	159	150	164	165	164	165	177	130	140	158	113	92	1777	83
Body part (e.g. fist)	33	19	19	27	14	8	17	38	14	10	14	30	243	11
Other	***	***	***	***	6	***	***	***	***	***	***	***	35	2
Blunt object	6	***	***	***	***	***	***	6	***	***	***	***	21	1
Bottle	***	***	***	***	***	***	***	6	***	***	5	***	21	1
Unable to answer	***	***	***	***	***	***	***	5	***	***	***	***	16	1
Knife	***	***	***	***	***	***	***	***	***	***	***	5	14	1
Glass	***	***	***	***	***	***	***	***	***	***	***	***	7	0
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	7	0
Acquaintance/friend	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Firearm	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	200	173	191	203	188	181	198	193	163	170	141	141	2142	100

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