

Royal Liverpool Emergency Department Monthly Bulletin: April 2010 to March 2011

This bulletin provides a breakdown of all injury attendances at the Royal Liverpool Emergency Department (ED) between April 2010 and March 2011¹. Between April 2010 and March 2011 there were 38,148 injury attendances, peaking in June (n=3,362), with April (n=2,781) having the fewest. **Figure 1** gives a breakdown of monthly injury attendances by gender, illustrating that for all months there were more male (53%) 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 (75%) of injury attendances have been classified as other injury. This category includes injuries such as head injuries and arm injuries, for example. Three quarters (76%) of injuries occurred in the home (**Table 2**).

Most injury attendances (39%) were discharged from the ED and three in ten (32%) 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 April 2010 to March 2011 were mainly male (76%) and 56% were aged between 15 and 29 years.

Table 4 shows that where data was collected, 59% of assault attendances had consumed alcohol within three hours prior to their attack. Almost four fifths (79%) of all assault locations were unknown during April 2010 to March 2011. Of those known, over half (58%) 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 (81%) of incidents. Where data was collected, 71% of assault patients had been assaulted by a stranger.

Table 7 shows method of attack. Of those known, 64% were attacked with a body part, such as a fist, 6% with a bottle and 5% with a knife.

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, April 2010 to March 2011

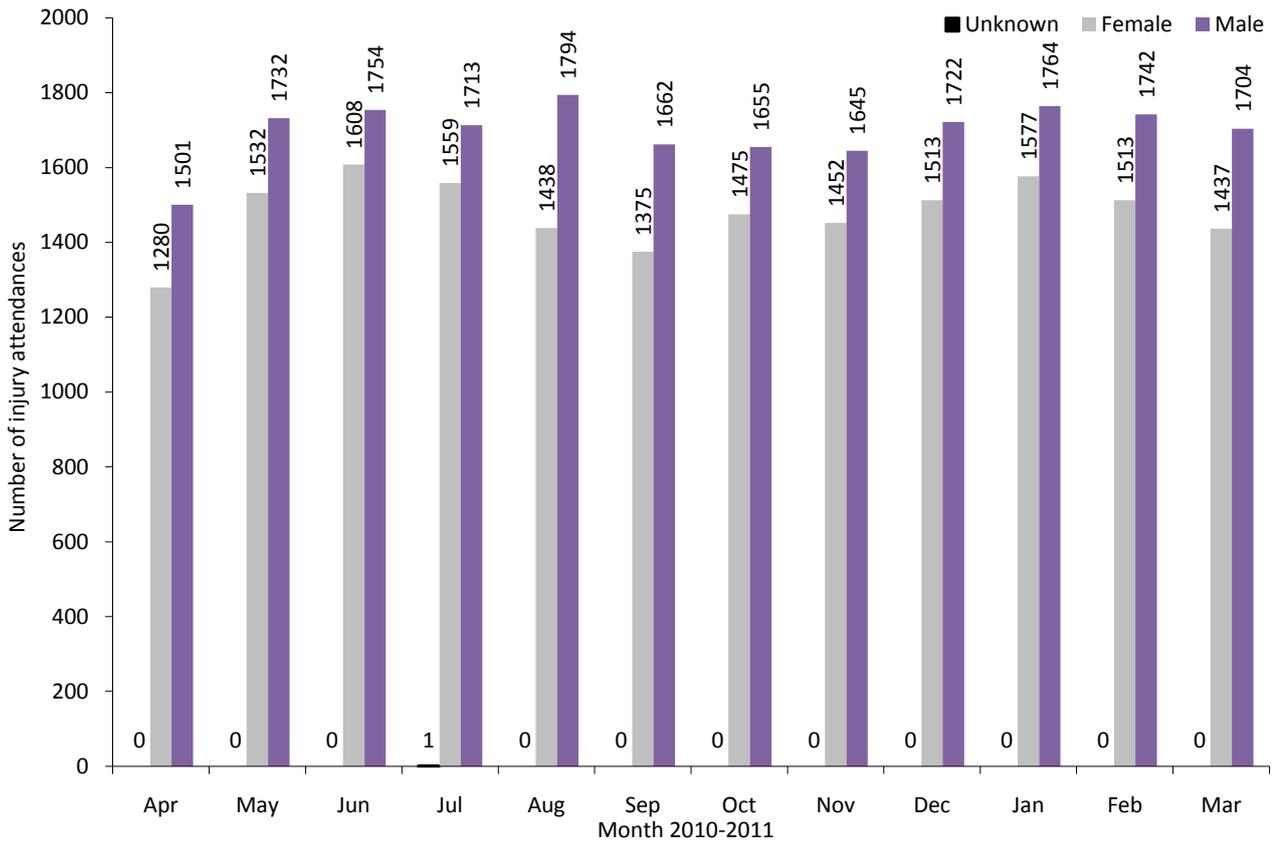


Figure 2: Age group of injury attendances by month, April 2010 to March 2011

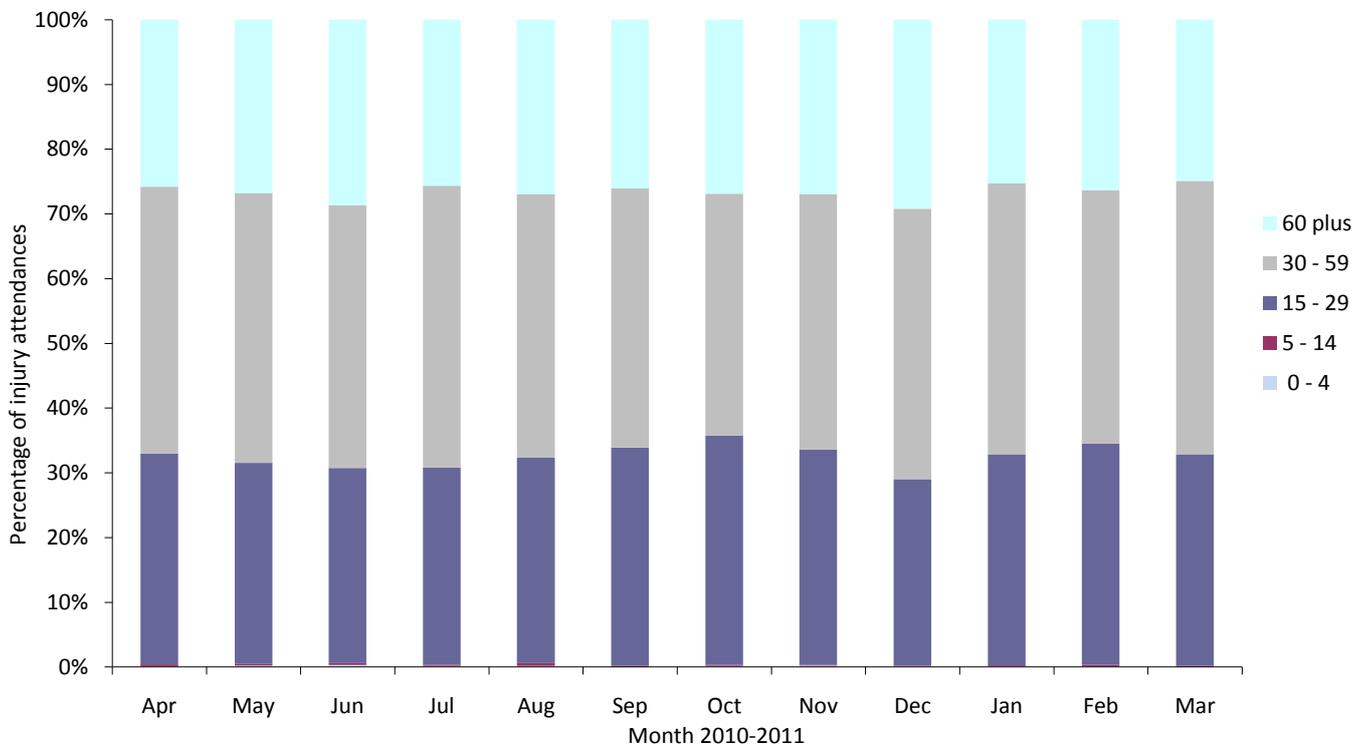


Table 1: Injury attendances by injury group and month, April 2010 to March 2011

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other injury	1930	2463	2624	2460	2478	2235	2241	2312	2264	2570	2510	2380	28468	75
Fall	321	315	278	322	299	311	359	322	565	322	271	275	3960	10
Assault	203	188	181	198	193	163	170	141	141	190	188	165	2121	6
Overdose	120	106	99	104	90	125	133	96	92	114	110	105	1294	3
Sport injury	96	65	71	67	68	76	113	99	64	53	79	110	961	3
RTC	77	80	77	80	68	76	79	80	64	45	60	63	849	2
Burn	16	24	14	21	17	29	22	26	26	21	20	19	255	1
Self-harm	18	23	18	21	18	22	13	21	19	26	17	24	240	1
Total	2781	3264	3362	3273	3232	3037	3130	3097	3235	3341	3255	3141	38148	100

*RTC=Road traffic collision

Table 2: Injury attendances by location of incident and month, April 2010 to March 2011

Location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home	2098	2561	2706	2454	2407	2305	2225	2258	2329	2588	2546	2336	28813	76
Public place	368	376	346	475	493	385	508	454	473	386	373	384	5021	13
Other	243	264	240	271	256	270	324	306	381	314	269	326	3464	9
Work	47	31	51	45	43	43	47	52	46	35	33	60	533	1
Leisure facility	25	32	19	28	33	34	26	27	6	18	34	35	317	1
Total	2781	3264	3362	3273	3232	3037	3130	3097	3235	3341	3255	3141	38148	100

Table 3: Injury attendances by disposal method and month, April 2010 to March 2011^{3,4,5}

Disposal	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	1094	1269	1265	1393	1296	1056	1181	1275	1266	1129	1134	1230	14588	38
Admitted	891	1065	1008	985	941	1031	1025	983	981	1082	1069	966	12027	32
Discharge - follow-up by GP	215	251	370	279	274	249	205	178	247	380	340	274	3262	9
Left - before being treated	218	230	257	189	285	263	249	229	278	219	208	169	2794	7
Referred to fracture clinic	120	154	161	151	155	148	146	148	225	203	177	177	1965	5
Referred to other HCP	80	120	104	118	115	105	105	110	85	113	129	137	1321	3
Referred to OPD clinic	61	50	56	60	39	56	57	44	56	85	72	59	695	2
Referred to ED clinic	40	55	66	37	60	62	70	59	38	54	66	57	664	2
Transfer to other HCP	17	26	34	21	23	23	33	29	22	34	29	34	325	1
Other	18	19	31	18	19	15	21	16	12	22	14	13	218	1
Left - refused treatment	19	19	7	18	19	24	30	21	16	13	12	17	215	1
Patient died in department	***	***	***	***	***	***	***	***	***	***	***	***	60	0
Restored to ward	***	***	***	***	***	***	***	***	***	***	***	***	14	0
Total	2781	3264	3362	3273	3232	3037	3130	3097	3235	3341	3255	3141	38148	100

Table 4: Assault attendees' alcohol consumption within three hours prior to the assault by month, April 2010 to March 2011

Alcohol consumption	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	165	162	162	176	129	136	157	111	89	143	124	114	1668	79
Yes	13	9	6	16	36	13	6	17	33	30	37	30	246	12
No	22	15	11	***	24	13	***	11	12	12	21	19	169	8
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	22	1
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	16	1
Total	203	188	181	198	193	163	170	141	141	190	188	165	2121	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 5: Assault attendances by location of incident and month, April 2010 to March 2011

Assault location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	165	162	162	176	129	136	157	113	89	143	124	114	1670	79
Street	24	19	10	14	42	9	5	14	27	24	31	27	246	12
Bar/pub	***	***	***	***	5	***	***	7	8	9	13	7	59	3
Your home	***	***	6	***	***	6	***	***	5	6	***	6	44	2
Club	***	***	***	***	***	***	***	***	***	***	***	***	26	1
Other	5	***	***	***	***	***	***	***	***	***	6	***	25	1
Someone else's home	***	***	***	***	5	***	***	***	***	***	***	***	22	1
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	14	1
Workplace	***	***	***	***	***	***	***	***	***	***	***	***	9	0
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	6	0
Total	203	188	181	198	193	163	170	141	141	190	188	165	2121	100

Table 6: Assault attendances by relationship with attacker and month, April 2010 to March 2011

Relationship with attacker	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	172	163	164	178	135	145	160	114	90	147	127	117	1712	81
Stranger	23	20	12	14	39	7	8	20	37	25	52	32	289	14
Acquaintance/friend	***	***	***	***	11	5	***	***	5	***	***	5	42	2
Partner	***	***	***	***	***	***	***	***	***	***	***	***	19	1
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	16	1
Bouncer	***	***	***	***	***	***	***	***	***	5	***	***	14	1
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	11	1
Family member	***	***	***	***	***	***	***	***	***	***	***	***	7	0
Work client/customer	***	***	***	***	***	***	***	***	***	***	***	***	5	0
Work mate/colleague	***	***	***	***	***	***	***	***	***	***	***	***	1	0
Ex-partner	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Police	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	203	188	181	198	193	163	170	141	141	190	188	165	2121	100

Table 7: Assault attendances by method of attack and month, April 2010 to March 2011

Method of attack	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	165	164	165	177	130	140	158	113	92	146	126	114	1690	80
Body part (e.g. fist)	27	14	8	17	38	14	10	14	30	31	37	37	277	13
Other	***	6	***	***	***	***	***	***	***	***	9	***	43	2
Bottle	***	***	***	***	6	***	***	5	***	***	5	***	27	1
Knife	***	***	***	***	***	***	***	***	5	***	***	***	22	1
Unable to answer	***	***	***	***	5	***	***	***	***	***	***	***	22	1
Blunt object	***	***	***	***	6	***	***	***	***	***	***	***	19	1
Glass	***	***	***	***	***	***	***	***	***	***	***	***	12	1
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	8	0
Firearm	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	203	188	181	198	193	163	170	141	141	190	188	165	2121	100

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