

Royal Liverpool Emergency Department Monthly Bulletin: July 2010 to June 2011

This bulletin provides a breakdown of all injury attendances at the Royal Liverpool Emergency Department (ED) between July 2010 and June 2011¹. Between July 2010 and June 2011 there were 36,135 injury attendances, peaking in January (n=3,341), with May (n=2,370) 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. Almost three quarters (73%) of injuries occurred in the home (**Table 2**).

Nearly four in ten (39%) injury attendances 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 July 2010 to June 2011 were mainly male (76%) and 56% were aged between 15 and 29 years.

Table 4 shows that where data was collected, 64% of assault attendances had consumed alcohol within three hours prior to their attack. Over three quarters (76%) of all assault locations were unknown during July 2010 to June 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 (78%) of incidents. Where data was collected, 75% of assault patients had been assaulted by a stranger.

Table 7 shows the weapon used in the assaults. Of those with a known weapon type, 70% were attacked with a body part, such as a fist, 7% with a bottle and 6% 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.

Figure 1: Gender of injury attendances by month, July 2010 to June 2011

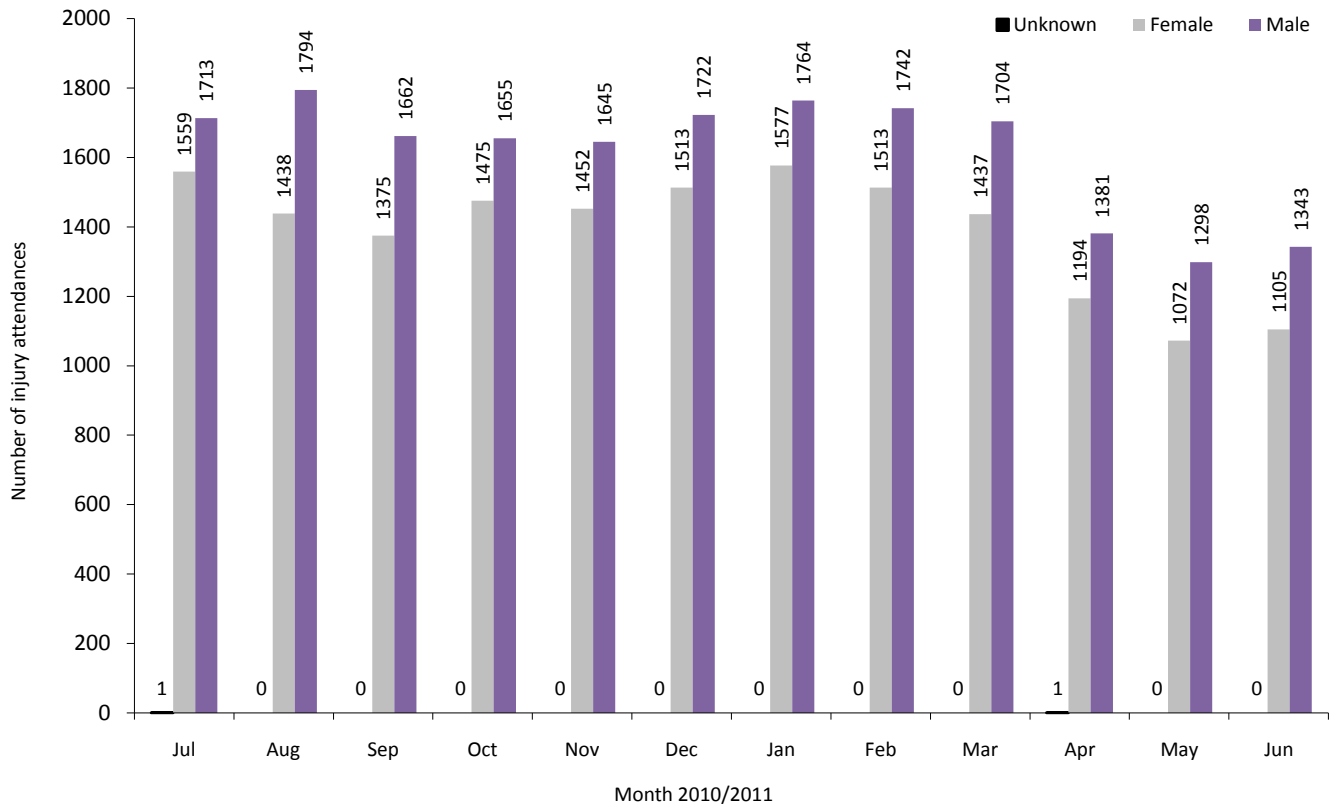


Figure 2: Age group of injury attendances by month, July 2010 to June 2011

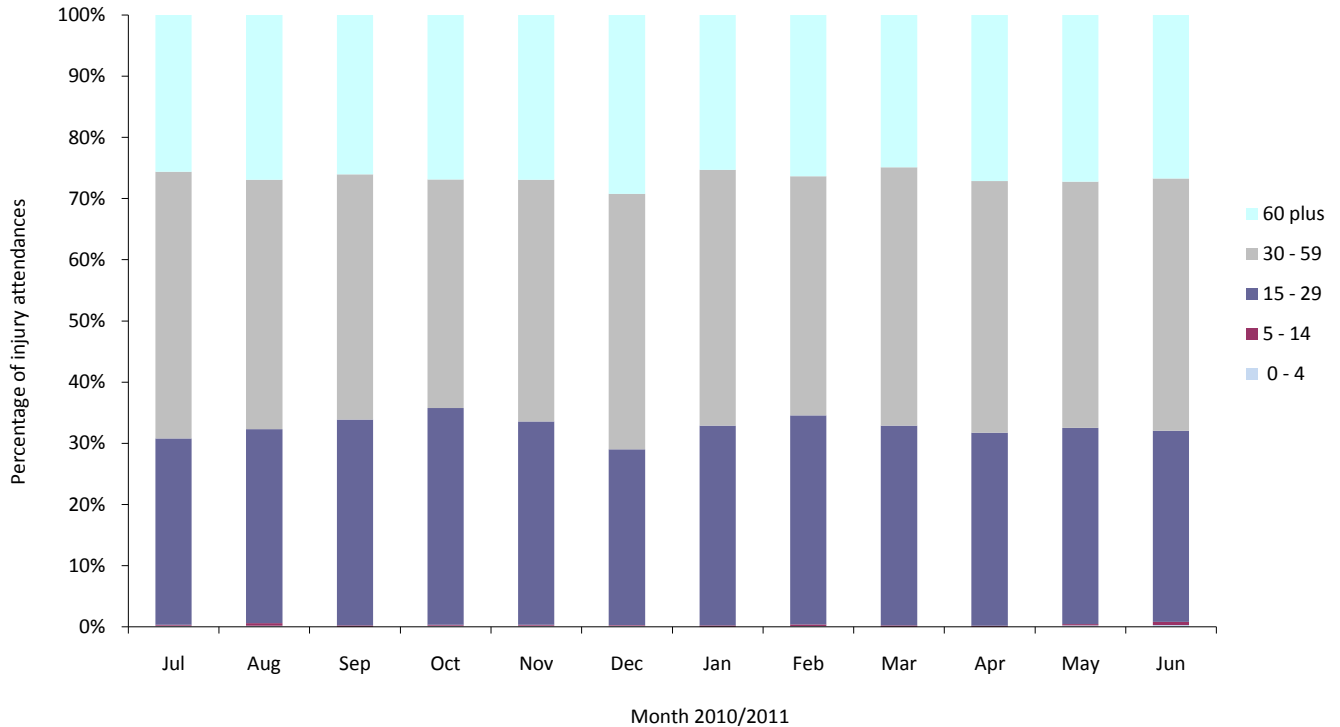


Table 1: Injury attendances by injury group and month, July 2010 to June 2011

Injury group	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Other injury	2460	2479	2235	2241	2312	2264	2570	2510	2380	1781	1627	1681	26540	73
Fall	322	299	311	359	322	565	322	271	275	319	293	337	3995	11
Assault	198	193	163	170	141	141	190	188	165	184	156	162	2051	6
Overdose	104	90	125	133	96	92	114	110	105	103	104	92	1268	4
Sports injury	67	68	76	113	99	64	53	79	110	79	80	72	960	3
RTC	80	68	76	79	80	64	45	60	63	60	59	54	788	2
Burn	21	17	29	22	26	26	21	20	19	24	27	25	277	1
Self-harm	21	18	22	13	21	19	26	17	24	26	24	25	256	1
Total	3273	3232	3037	3130	3097	3235	3341	3255	3141	2576	2370	2448	36135	100

*RTC=Road traffic collision

Table 2: Injury attendances by location of incident and month, July 2010 to June 2011

Location	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Home	2454	2407	2305	2225	2258	2329	2588	2546	2336	1765	1577	1634	26424	73
Public place	475	493	385	508	454	473	386	373	384	439	424	386	5180	14
Other	271	256	270	324	306	381	314	269	326	329	308	373	3727	10
Work	45	43	43	47	52	46	35	33	60	25	37	40	506	1
Leisure facility	28	33	34	26	27	6	18	34	35	18	24	15	298	1
Total	3273	3232	3037	3130	3097	3235	3341	3255	3141	2576	2370	2448	36135	100

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

Disposal	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Discharged	1393	1296	1056	1181	1275	1266	1129	1134	1230	1030	949	1072	14011	39
Admitted	985	941	1031	1025	983	981	1082	1069	966	745	721	723	11252	31
Discharge - follow-up by GP	279	274	249	205	178	247	380	340	274	251	227	169	3073	9
Left - before being treated	189	285	263	249	229	278	219	208	169	216	109	58	2472	7
Referred to fracture clinic	151	155	148	146	148	225	203	177	177	121	103	97	1851	5
Referred to other HCP	118	115	105	105	110	85	113	129	137	89	73	103	1282	4
Referred to OPD clinic	60	39	56	57	44	56	85	72	59	37	38	41	644	2
Referred to ED clinic	37	60	62	70	59	38	54	66	57	33	36	42	614	2
Left - refused treatment	18	19	24	30	21	16	13	12	17	14	71	115	370	1
Transfer to other HCP	21	23	23	33	29	22	34	29	34	30	28	8	314	1
Other	18	19	15	21	16	12	22	14	13	7	13	13	183	1
Patient died in department	***	***	***	***	***	***	***	***	***	***	***	***	59	0
Restored to ward	***	***	***	***	***	***	***	***	***	***	***	***	10	0
Total	3273	3232	3037	3130	3097	3235	3341	3255	3141	2576	2370	2448	36135	100

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

Alcohol consumption	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Mar	Total	%
Unknown	176	129	136	157	111	89	143	124	114	128	119	137	1563	76
Yes	16	36	13	6	17	33	30	37	30	32	21	8	279	14
No	***	24	13	***	11	12	12	21	19	16	9	12	158	8
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	29	1
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	22	1
Total	198	193	163	170	141	141	190	188	165	184	156	162	2051	100

Table 5: Assault attendances by location of incident and month, July 2010 to June 2011

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.

Assault location	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Unknown	176	129	136	157	113	89	143	124	114	128	120	138	1567	76
Street	14	42	9	5	14	27	27	31	27	31	24	18	269	13
Bar/pub	***	5	***	***	7	8	9	13	7	7	***	***	65	3
Your home	***	***	6	***	***	5	6	***	6	***	5	***	42	2
Club	***	***	***	***	***	***	***	***	***	***	***	***	31	2
Someone else's home	***	5	***	***	***	***	***	***	***	***	***	***	25	1
Other	***	***	***	***	***	***	***	6	***	***	***	***	23	1
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	13	1
Workplace	***	***	***	***	***	***	***	***	***	***	***	***	11	1
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	8	0
Total	198	193	163	170	141	141	190	188	165	184	156	162	2051	100

Table 6: Assault attendances by relationship with attacker and month, July 2010 to June 2011

Relationship with attacker	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Unknown	178	135	145	160	114	90	147	127	117	134	121	140	1608	78
Stranger	14	39	7	8	20	37	25	52	32	32	25	16	307	15
Acquaintance/friend	***	11	5	***	***	5	***	***	5	10	***	***	51	2
Partner	***	***	***	***	***	***	***	***	***	***	***	***	21	1
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	21	1
Bouncer	***	***	***	***	***	***	5	***	***	***	***	***	15	1
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	10	0
Family member	***	***	***	***	***	***	***	***	***	***	***	***	6	0
Work client/customer	***	***	***	***	***	***	***	***	***	***	***	***	5	0
Ex-partner	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Police	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Work mate/colleague	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	198	193	163	170	141	141	190	188	165	184	156	162	2051	100

Table 7: Assault attendances by method of attack and month, July 2010 to June 2011

Method of attack	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Unknown	177	130	140	158	113	92	146	126	114	129	119	139	1583	77
Body part (e.g. fist)	17	38	14	10	14	30	31	37	37	38	18	16	300	15
Other	***	***	***	***	***	***	***	9	***	***	***	***	38	2
Unable to answer	***	5	***	***	***	***	***	***	***	***	7	***	33	2
Bottle	***	6	***	***	5	***	***	5	***	***	***	***	28	1
Knife	***	***	***	***	***	5	***	***	***	***	5	***	26	1
Blunt object	***	6	***	***	***	***	***	***	***	***	***	***	25	1
Glass	***	***	***	***	***	***	***	***	***	***	***	***	11	1
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	7	0
Firearm	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	198	193	163	170	141	141	190	188	165	184	156	162	2051	100

Published July 2011

Jennifer Brizell (Merseyside and Cheshire TIIG officer)

Centre for Public Health, Liverpool John Moores University,

2nd Floor, Henry Cotton Building, 15-21 Webster Street, Liverpool, L3 2ET

Tel: 0151 231 4500, Email: j.s.brizell@ljmu.ac.uk

Website: www.tiig.info (please note data requests should be made through the website)