

Royal Liverpool Emergency Department Monthly Bulletin: June 2009 to May 2010

This bulletin provides a breakdown of all injury attendances at the Royal Liverpool Emergency Department (ED) between June 2009 and May 2010¹. Between June 2009 and May 2010 there were 35,098 injury attendances, peaking in May (n=3,264), 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 (72%) of injury attendances have been classified as other injury. This category includes injuries such as head injuries and arm injuries, for example. Just less than three quarters (73%) of injuries occurred in the home (**Table 2**).

Most injury attendances (39%) were discharged from the ED and three in ten (30%) 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 below². 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 June 2009 and May 2010 were mainly male (75%) and 60% were aged between 15 and 29 years.

Table 4 shows that of those known, 26% of assault attendances had not informed the police, or had no intention of informing the police of the assault.

Table 5 shows that where data was collected, 46% of assault attendances had consumed alcohol within three hours prior to their attack. Over four-fifths (82%) of all assault locations were unknown during June 2009 to May 2010. Of those known, over half (57%) occurred on the street (**Table 6**).

During June 2009 to May 2010 information on number of attackers was not collected from the majority (83%) of assault patients. Where data was collected, over half (53%) of assault patients had been assaulted by more than one person (**Table 7**).

Table 8 illustrates gender of attackers. Of those known 86% were male, compared with 10% female.

Table 9 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 (66%) of assault patients had been assaulted by a stranger.

Table 10 shows method of attack. Of those known, 80% were attacked with a body part, such as a fist, 5% with a knife and 4% 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, June 2009 to May 2010

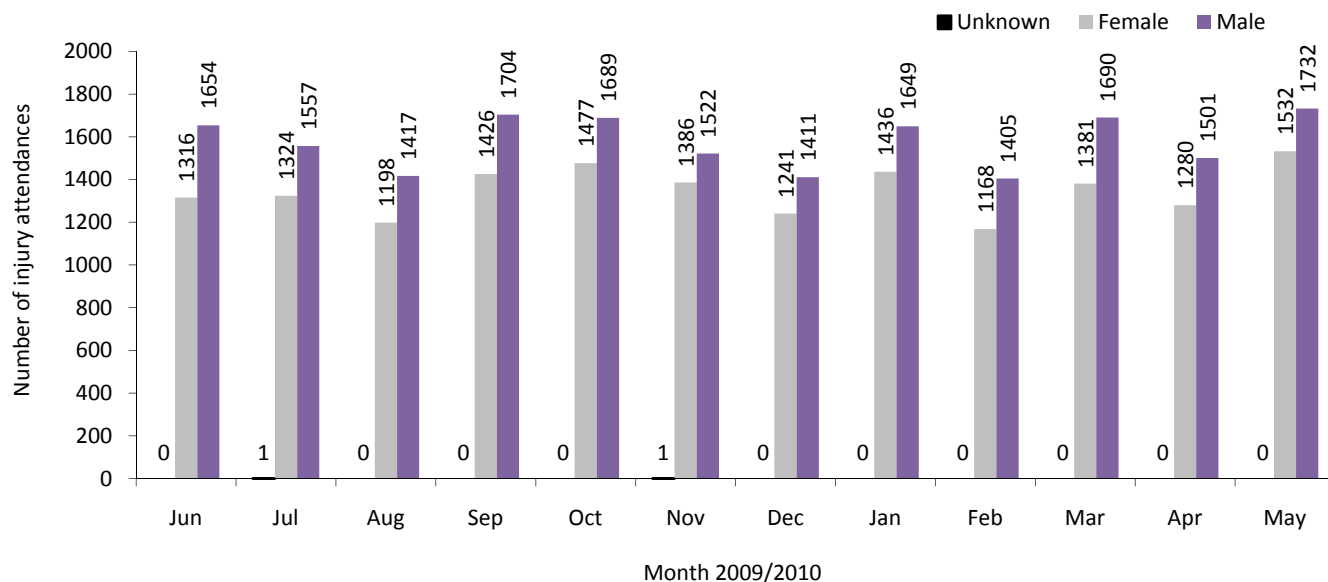


Figure 2: Age group of injury attendances by month, June 2009 to May 2010

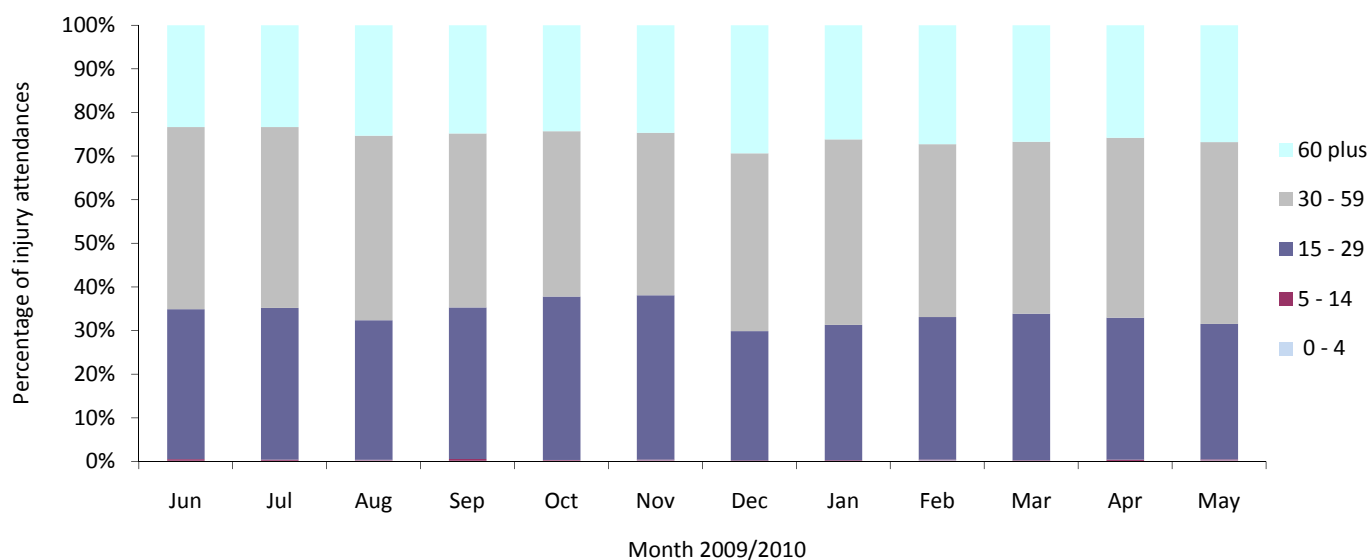


Table 1: Injury attendances by injury group and month, June 2009 to May 2010

Injury group	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total	%
Other injury	2214	2101	1820	2370	2330	2074	1763	2048	1839	2235	1930	2463	25187	72
Fall	238	215	225	238	231	241	352	514	205	265	321	315	3360	10
Assault	195	217	213	220	250	224	179	200	173	191	203	188	2453	7
Overdose	109	121	138	89	117	106	105	99	105	100	120	106	1315	4
Sport injury	70	103	94	99	122	125	108	107	128	146	96	65	1263	4
RTC	112	88	83	81	75	104	111	80	95	86	77	80	1072	3
Burn	26	31	28	18	27	20	19	16	17	29	16	24	271	1
Self-harm	6	6	14	15	14	15	15	21	11	19	18	23	177	1
Total	2970	2882	2615	3130	3166	2909	2652	3085	2573	3071	2781	3264	35098	100

*RTC=Road traffic collision, **Firework injuries have been included under other injury because of low numbers.

Table 2: Injury attendances by location and month, June 2009 to May 2010

Location	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total	%
Home	2022	2040	1858	2265	2281	2036	1820	2152	1933	2393	2098	2561	25459	73
Public place	362	375	411	449	432	413	404	477	337	387	368	376	4791	14
Other	500	398	270	352	354	360	363	395	249	194	243	264	3942	11
Work	55	42	44	38	61	51	42	42	29	60	47	31	542	2
Leisure facility	31	27	32	26	38	49	23	19	25	37	25	32	364	1
Total	2970	2882	2615	3130	3166	2909	2652	3085	2573	3071	2781	3264	35098	100

Table 3: Injury attendances by disposal method and month, June 2009 to May 2010^{3,4}

Disposal	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total	%
Discharged	1110	1149	936	1170	1222	1122	1107	1256	987	1225	1094	1269	13647	39
Admitted	771	812	830	945	959	919	790	897	826	917	891	1065	10622	30
Discharge - follow-up by GP	346	282	234	268	302	261	213	225	211	246	215	251	3054	9
Left - before being treated	239	214	217	242	208	184	153	205	171	236	218	230	2517	7
Referred to fracture clinic	154	118	119	149	141	117	156	234	103	133	120	154	1698	5
Referred to other HCP	80	73	67	120	106	91	65	62	92	103	80	120	1059	3
Referred to ED clinic	89	55	65	61	61	60	53	67	35	57	40	55	698	2
Referred to OPD clinic	66	56	49	63	60	47	41	44	46	61	61	50	644	2
Other	64	54	42	45	47	52	26	37	46	46	18	19	496	1
Left - refused treatment	25	31	37	31	33	24	27	22	21	21	19	19	310	1
Transfer to other HCP	18	30	15	20	21	29	18	25	22	20	17	26	261	1
Restored to ward	***	***	***	9	***	***	***	***	7	***	***	***	47	0
Patient died in department	***	***	***	7	***	***	***	***	6	***	***	***	45	0
Total	2970	2882	2615	3130	3166	2909	2652	3085	2573	3071	2781	3264	35098	100

Table 4: Assault attendees' reporting or intending to report the assault to the police by month, June 2009 to May 2010⁵

Informed the police?	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total	%
Unknown	171	181	186	177	203	176	130	159	147	163	165	162	2020	82
Yes	20	33	22	31	36	34	37	28	18	21	24	17	321	13
No	***	***	5	12	11	14	12	13	8	7	14	9	112	5
Total	195	217	213	220	250	224	179	200	173	191	203	188	2453	100

Table 5: Assault attendees' alcohol consumption within three hours prior to the assault by month, June 2009 to May 2010

Alcohol consumption	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total	%
Unknown	171	181	186	177	203	176	130	159	147	163	165	162	2020	82
No	15	19	15	18	24	19	21	19	13	16	22	15	216	9
Yes	***	15	10	22	20	23	26	20	11	10	13	9	183	7
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	20	1
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	14	1
Total	195	217	213	220	250	224	179	200	173	191	203	188	2453	100

Table 6: Assault attendances by location of incident and month, June 2009 to May 2010

Assault location	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total	%
Unknown	171	181	186	178	203	177	130	159	147	163	165	162	2022	82
Street	11	16	14	24	24	29	28	21	11	15	24	19	236	10
Your home	9	***	5	***	5	6	***	***	***	***	***	***	51	2
Bar/pub	***	7	***	***	***	6	8	5	6	***	***	***	48	2
Other	***	6	***	***	6	***	***	***	***	***	5	***	35	1
Someone else's home	***	***	***	***	***	***	***	***	***	***	***	***	17	1
Workplace	***	***	***	***	***	***	***	***	***	***	***	***	17	1
Club	***	***	***	***	***	***	***	***	***	***	***	***	13	1
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	7	0
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	7	0
Total	195	217	213	220	250	224	179	200	173	191	203	188	2453	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 7: Assault attendances by number of individuals involved in the assault and month, June 2009 to May 2010

Number of attackers	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total	%
Unknown	171	181	186	178	206	178	130	159	148	165	166	162	2030	83
2 or more	9	21	14	15	27	21	21	22	11	13	23	15	212	9
1	13	13	13	22	15	21	28	17	12	12	12	10	188	8
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	14	1
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	9	0
Total	195	217	213	220	250	224	179	200	173	191	203	188	2453	100

Table 8: Assault attendances by gender of attackers and month, June 2009 to May 2010

Gender of attackers	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total	%
Unknown	171	181	186	178	205	177	132	159	147	163	166	162	2027	83
Male	22	29	25	30	39	38	46	33	22	22	24	22	352	14
Female	***	***	***	6	***	6	***	5	***	***	7	***	41	2
Both	***	***	***	***	***	***	***	***	***	***	***	***	15	1
Refused to answer	***	***	***	5	***	***	***	***	***	***	***	***	10	0
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	8	0
Total	195	217	213	220	250	224	179	200	173	191	203	188	2453	100

Table 9: Assault attendances by relationship with attacker and month, June 2009 to May 2010

Relationship with attacker	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total	%
Unknown	171	181	191	185	208	181	136	161	151	170	172	163	2070	84
Stranger	11	17	17	16	24	31	29	25	13	15	23	20	241	10
Acquaintance/friend	***	6	***	10	***	***	***	***	***	***	***	***	40	2
Partner	***	***	***	***	***	***	5	***	***	***	***	***	26	1
Bouncer	***	5	***	***	***	***	***	***	***	***	***	***	18	1
Family member	***	***	***	***	***	***	***	***	***	***	***	***	13	1
Ex-partner	***	***	***	***	***	***	***	***	***	***	***	***	11	0
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	10	0
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	9	0
Police	***	***	***	***	***	***	***	***	***	***	***	***	7	0
Work client/customer	***	***	***	***	***	***	***	***	***	***	***	***	7	0
Work mate/colleague	***	***	***	***	***	***	***	***	***	***	***	***	1	0
Total	195	217	213	220	250	224	179	200	173	191	203	188	2453	100

Table 10: Assault attendances by method of attack and month, June 2009 to May 2010

Method of attack	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total	%
Unknown	171	181	190	179	206	179	135	159	150	164	165	164	2043	83
Body part (e.g. fist)	18	31	18	29	35	36	37	33	19	19	27	14	316	13
Other	***	***	***	5	***	***	***	***	***	***	***	6	28	1
Knife	***	***	***	***	***	***	***	***	***	***	***	***	20	1
Blunt object	***	***	***	***	***	***	***	6	***	***	***	***	14	1
Bottle	***	***	***	***	***	***	***	***	***	***	***	***	13	1
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	8	0
Glass	***	***	***	***	***	***	***	***	***	***	***	***	6	0
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	5	0
Acquaintance/friend	***	***	***	***	***	***	***	***	***	***	***	***	0	0
Firearm	***	***	***	***	***	***	***	***	***	***	***	***	0	0
Total	195	217	213	220	250	224	179	200	173	191	203	188	2453	100