

## Royal Liverpool Emergency Department Monthly Bulletin: April 2009 to March 2010

This bulletin provides a breakdown of all injury attendances at the Royal Liverpool Emergency Department (ED) between April 2009 and March 2010<sup>1</sup>. Between April 2009 and March 2010 there were 35,368 injury attendances, peaking in May (n=3,276), 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 accident. This category includes injuries such as head injuries and arm injuries, for example. Over two thirds (70%) of injuries occurred in the home (**Table 2**).

Most injury attendances (38%) were discharged from the ED and over a quarter (29%) 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 below<sup>2</sup>. 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 2009 and March 2010 were mainly male (74%) and 61% were aged between 15 and 29 years.

**Table 4** shows that of those known, 27% 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, 51% of assault attendances had consumed alcohol within three hours prior to their attack. Over three-quarters (79%) of all assault locations were unknown during April 2009 to March 2010. Of those known, over half (55%) occurred on the street (**Table 6**).

During April 2009 to March 2010 information on number of attackers was not collected from the majority (80%) of assault patients. Where data was collected, over half (51%) of assault patients had been assaulted by more than one person (**Table 7**).

**Table 8** illustrates gender of attackers. Of those known 88% were male, compared with 9% female.

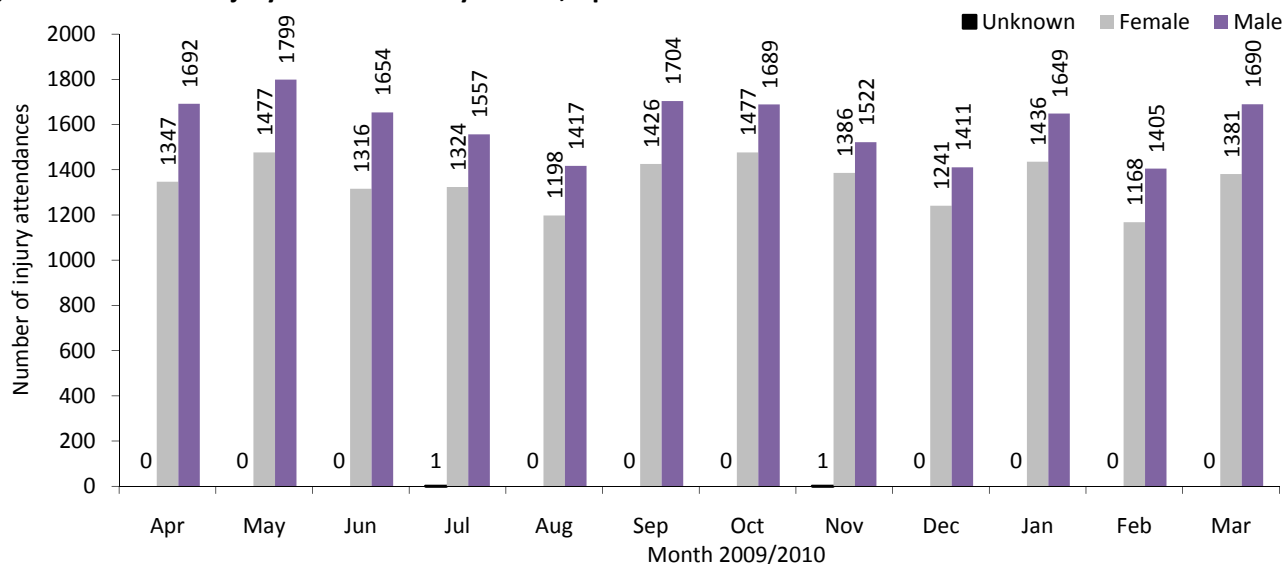
**Table 9** shows that the relationship between assault attendee and those involved in the assault was unknown in the majority (83%) of incidents. Where data was collected, over six in ten (63%) assault patients had been assaulted by a stranger.

**Table 10** shows method of attack. Of those known, 81% were attacked with a body part, such as a fist, 5% with a knife and 4% with a bottle or glass.

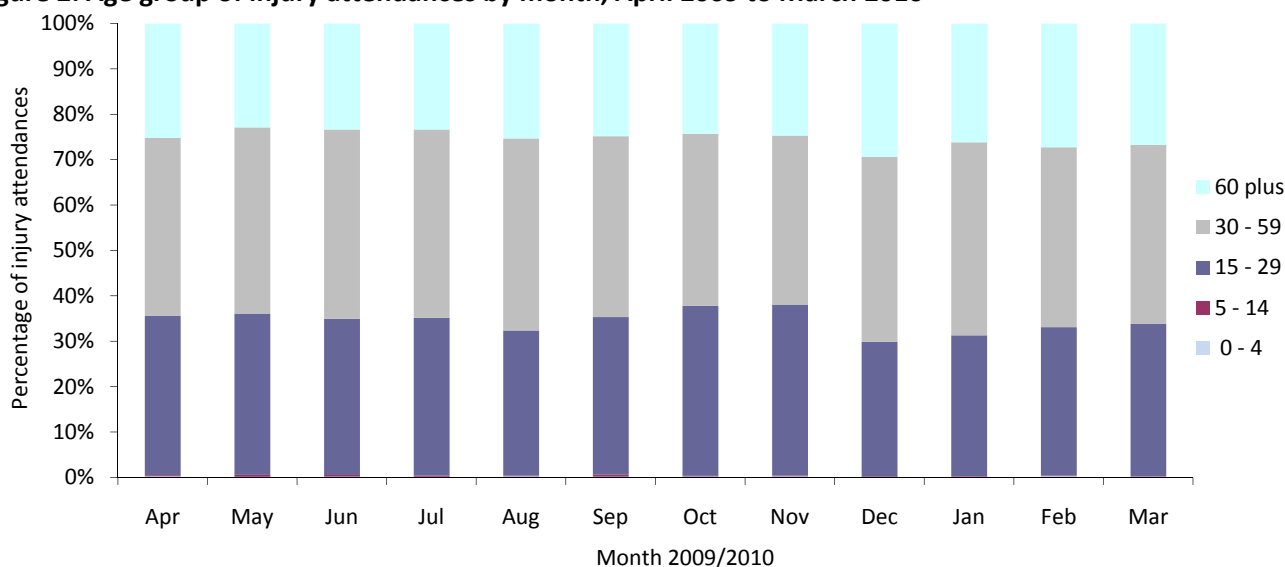
<sup>1</sup> Figures may not tally with previous reports because this report contains re-submitted data

<sup>2</sup> 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 2009 to March 2010**



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



**Table 1: Injury attendances by injury group and month, April 2009 to March 2010**

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other accident	2276	2407	2214	2101	1820	2370	2330	2074	1763	2048	1839	2235	25476	72
Fall	266	262	238	215	225	238	231	241	352	514	205	265	3252	9
Assault	230	269	195	217	213	220	250	224	179	200	173	191	2561	7
Sports injury	79	97	70	103	94	99	122	125	108	107	128	146	1278	4
Overdose	82	98	109	121	138	89	117	106	105	99	105	100	1269	4
RTC	68	110	112	88	83	81	75	104	111	80	95	86	1093	3
Burn	19	15	26	31	28	18	27	20	19	16	17	29	265	1
Self-harm	19	18	6	6	14	15	14	15	15	21	11	19	173	0
<b>Total</b>	<b>3039</b>	<b>3276</b>	<b>2970</b>	<b>2882</b>	<b>2615</b>	<b>3130</b>	<b>3166</b>	<b>2909</b>	<b>2652</b>	<b>3085</b>	<b>2573</b>	<b>3071</b>	<b>35368</b>	<b>100</b>

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

**Table 2: Injury attendances by location and month, April 2009 to March 2010**

Location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home	1785	2084	2022	2040	1858	2265	2281	2036	1820	2152	1933	2393	24669	70
Public place	503	509	362	375	411	449	432	413	404	477	337	387	5059	14
Other	626	573	500	398	270	352	354	360	363	395	249	194	4634	13
Work	75	60	55	42	44	38	61	51	42	42	29	60	599	2
Leisure facility	50	50	31	27	32	26	38	49	23	19	25	37	407	1
<b>Total</b>	<b>3039</b>	<b>3276</b>	<b>2970</b>	<b>2882</b>	<b>2615</b>	<b>3130</b>	<b>3166</b>	<b>2909</b>	<b>2652</b>	<b>3085</b>	<b>2573</b>	<b>3071</b>	<b>35368</b>	<b>100</b>

**Table 3: Injury attendances by disposal method and month, April 2009 to March 2010<sup>34</sup>**

Disposal	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	1116	1197	1110	1149	936	1170	1222	1122	1107	1256	987	1225	13597	38
Admitted	844	877	771	812	830	945	959	919	790	897	826	917	10387	29
Discharge - to GP	315	377	346	282	234	268	302	261	213	225	211	246	3280	9
Left - before being treated	267	300	239	214	217	242	208	184	153	205	171	236	2636	7
Fracture clinic	126	130	154	118	119	149	141	117	156	234	103	133	1680	5
Referred to other HCP	72	96	80	73	67	120	106	91	65	62	92	103	1027	3
Referred to ED clinic	69	77	89	55	65	61	61	60	53	67	35	57	749	2
Referred to OPD clinic	60	66	66	56	49	63	60	47	41	44	46	61	659	2
Other	100	94	64	54	42	45	47	52	26	37	46	46	653	2
Left - refused treatment	33	29	25	31	37	31	33	24	27	22	21	21	334	1
Transfer to other HCP	31	26	18	30	15	20	21	29	18	25	22	20	275	1
Patient died in department	***	5	***	6	***	7	***	***	***	8	6	***	46	0
Restored to ward	***	***	5	***	***	9	***	***	***	***	7	5	45	0
<b>Total</b>	<b>3039</b>	<b>3276</b>	<b>2970</b>	<b>2882</b>	<b>2615</b>	<b>3130</b>	<b>3166</b>	<b>2909</b>	<b>2652</b>	<b>3085</b>	<b>2573</b>	<b>3071</b>	<b>35368</b>	<b>100</b>

**Table 4: Assault attendees' reporting or intending to report the assault to the police by month, April 2009 to March 2010<sup>5</sup>**

Informed the police?	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	164	200	171	181	186	177	203	176	130	159	147	163	2057	80
No	27	18	4	3	5	12	11	14	12	13	8	7	134	5
Yes	39	51	20	33	22	31	36	34	37	28	18	21	370	14
<b>Total</b>	<b>230</b>	<b>269</b>	<b>195</b>	<b>217</b>	<b>213</b>	<b>220</b>	<b>250</b>	<b>224</b>	<b>179</b>	<b>200</b>	<b>173</b>	<b>191</b>	<b>2561</b>	<b>100</b>

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

Alcohol consumption	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	164	200	171	181	186	177	203	176	130	159	147	163	2057	80
No	28	20	15	19	15	18	24	19	21	19	13	16	227	9
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	18	1
Unable to answer	6	***	***	***	***	***	***	***	***	***	***	***	25	1
Yes	30	43	***	15	10	22	20	23	26	20	11	10	234	9
<b>Total</b>	<b>230</b>	<b>269</b>	<b>195</b>	<b>217</b>	<b>213</b>	<b>220</b>	<b>250</b>	<b>224</b>	<b>179</b>	<b>200</b>	<b>173</b>	<b>191</b>	<b>2561</b>	<b>100</b>

**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	164	201	171	181	186	178	203	177	130	159	147	163	2060	80
Street	38	36	11	16	14	24	24	29	28	21	11	15	267	10
Bar/pub	6	10	***	7	***	***	***	6	8	5	6	***	60	2
Your home	11	***	9	***	5	***	5	6	***	***	***	***	60	2
Other	***	***	***	6	***	***	6	***	***	***	***	***	35	1
Someone else's home	***	***	***	***	***	***	***	***	***	***	***	***	22	1
Club	***	8	***	***	***	***	***	***	***	***	***	***	21	1
Workplace	***	***	***	***	***	***	***	***	***	***	***	***	20	1
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	9	0
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	7	0
<b>Total</b>	<b>230</b>	<b>269</b>	<b>195</b>	<b>217</b>	<b>213</b>	<b>220</b>	<b>250</b>	<b>224</b>	<b>179</b>	<b>200</b>	<b>173</b>	<b>191</b>	<b>2561</b>	<b>100</b>

<sup>3</sup> \*\*\* 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.

<sup>4</sup> OPD= out-patient department, HCP=health care provider.

<sup>5</sup> 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, April 2009 to March 2010**

Number of individuals	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
1	28	29	13	13	13	22	15	21	28	17	12	12	223	9
2 or more	29	33	9	21	14	15	27	21	21	22	11	13	236	9
Unknown	166	200	171	181	186	178	206	178	130	159	148	165	2068	81
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	13	1
Unable to answer	6	***	***	***	***	***	***	***	***	***	***	***	21	1
<b>Total</b>	<b>230</b>	<b>269</b>	<b>195</b>	<b>217</b>	<b>213</b>	<b>220</b>	<b>250</b>	<b>224</b>	<b>179</b>	<b>200</b>	<b>173</b>	<b>191</b>	<b>2561</b>	<b>100</b>

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

Gender of attackers	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	164	202	171	181	186	178	205	177	132	159	147	163	2065	81
Male	55	56	22	29	25	30	39	38	46	33	22	22	417	16
Female	6	5	***	***	***	6	***	6	***	5	***	***	42	2
Both	***	***	***	***	***	***	***	***	***	***	***	***	14	1
Refused to answer	***	***	***	***	***	5	***	***	***	***	***	***	12	0
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	11	0
<b>Total</b>	<b>230</b>	<b>269</b>	<b>195</b>	<b>217</b>	<b>213</b>	<b>220</b>	<b>250</b>	<b>224</b>	<b>179</b>	<b>200</b>	<b>173</b>	<b>191</b>	<b>2561</b>	<b>100</b>

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

Relationship with attacker	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	176	208	171	181	191	185	208	181	136	161	151	170	2119	83
Stranger	28	35	11	17	17	16	24	31	29	25	13	15	261	10
Acquaintance/friend	7	13	***	6	***	10	***	***	***	***	***	***	57	2
Partner	***	***	***	***	***	***	***	***	5	***	***	***	27	1
Bouncer	***	6	***	5	***	***	***	***	***	***	***	***	23	1
Family member	5	***	***	***	***	***	***	***	***	***	***	***	19	1
Unable to answer	5	***	***	***	***	***	***	***	***	***	***	***	13	1
Ex-partner	***	***	***	***	***	***	***	***	***	***	***	***	12	0
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	12	0
Police	***	***	***	***	***	***	***	***	***	***	***	***	9	0
Work client/customer	***	***	***	***	***	***	***	***	***	***	***	***	8	0
Work mate/colleague	***	***	***	***	***	***	***	***	***	***	***	***	***	0
<b>Total</b>	<b>230</b>	<b>269</b>	<b>195</b>	<b>217</b>	<b>213</b>	<b>220</b>	<b>250</b>	<b>224</b>	<b>179</b>	<b>200</b>	<b>173</b>	<b>191</b>	<b>2561</b>	<b>100</b>

**Table 10: Assault attendances by method of attack and month, April 2009 to March 2010**

Method of attack	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	167	202	171	181	190	179	206	179	135	159	150	164	2083	81
Body part (e.g. fist)	49	51	18	31	18	29	35	36	37	33	19	19	375	15
Other	***	9	***	***	***	5	***	***	***	***	***	***	31	1
Knife	***	***	***	***	***	***	***	***	***	***	***	***	22	1
Blunt object	***	***	***	***	***	***	***	***	***	6	***	***	16	1
Unable to answer	***	***	***	***	***	***	***	***	***	***	***	***	11	0
Bottle	***	***	***	***	***	***	***	***	***	***	***	***	10	0
Glass	***	***	***	***	***	***	***	***	***	***	***	***	8	0
Refused to answer	***	***	***	***	***	***	***	***	***	***	***	***	5	0
Acquaintance/friend	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Firearm	***	***	***	***	***	***	***	***	***	***	***	***	***	0
<b>Total</b>	<b>230</b>	<b>269</b>	<b>195</b>	<b>217</b>	<b>213</b>	<b>220</b>	<b>250</b>	<b>224</b>	<b>179</b>	<b>200</b>	<b>173</b>	<b>191</b>	<b>2561</b>	<b>100</b>

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