

Trauma and Injury Intelligence Group Biannual Bulletin

Royal Lancaster Infirmary Emergency Department
October 2014 to September 2015

December 2015



Centre for Public Health,
Faculty of Education, Health and Community,
Liverpool John Moores University,
Henry Cotton Campus,
15-21 Webster Street,
Liverpool, L3 2ET

cph.org.uk

0151 231 4500

tiig@ljmu.ac.uk

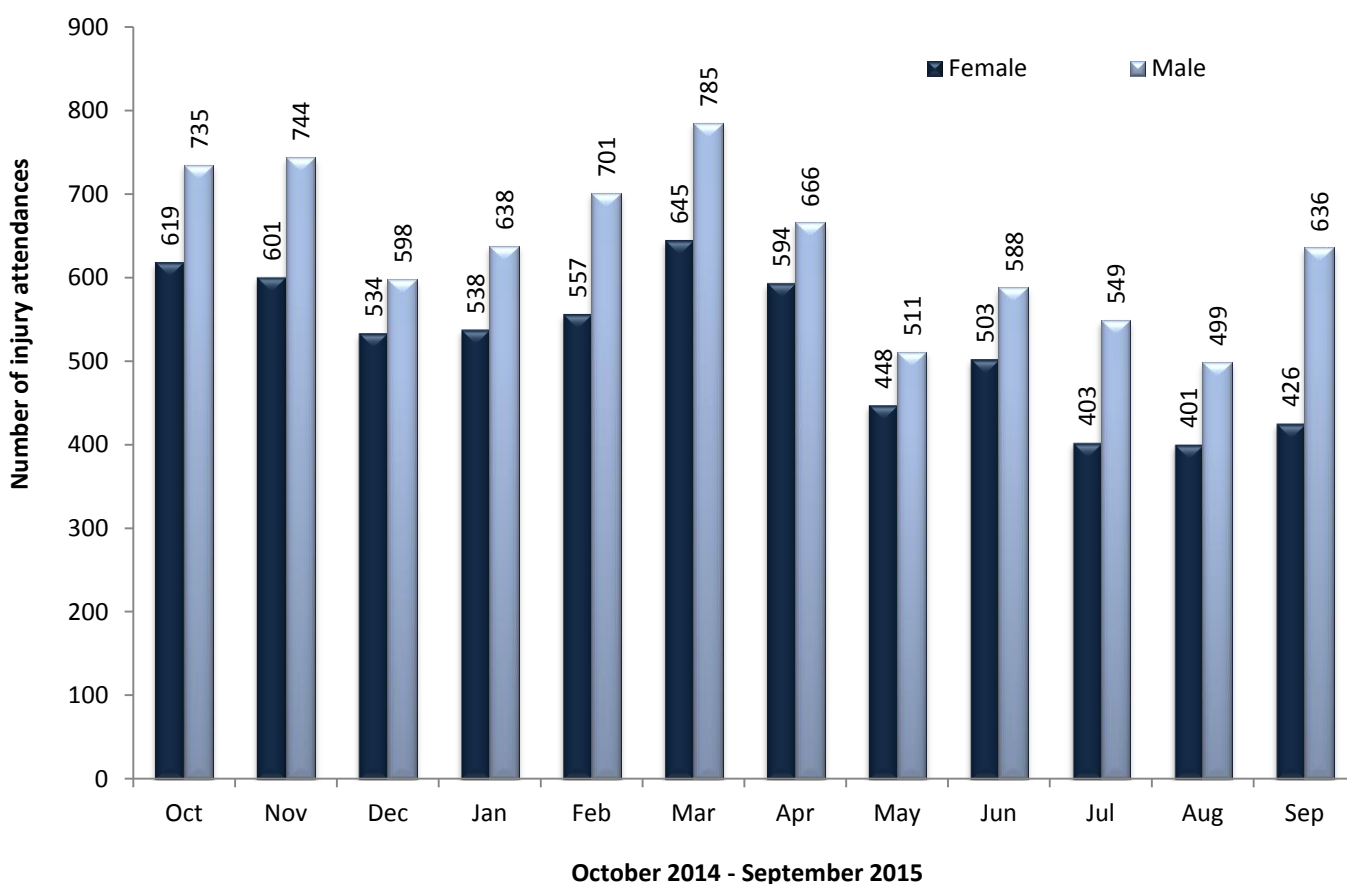
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ALL INJURY ATTENDANCES

This bulletin provides a breakdown of all injury attendances to Royal Lancaster Infirmary Emergency Department (ED) between October 2014 and September 2015. In the twelve month period there were 13,920 injury attendances to the ED. The month with the highest number of attendances, calculated as a daily average, was March 2015 (46 per day) while August 2015 had the fewest (29 per day). There were more male (55%) than female attendances to the ED between October 2014 and September 2015 (n=7,650; figure 1)

Figure 1: ED attendances by gender and month, October 2014 to September 2015[^]



[^]There were less than five records where the gender was unknown; these have been omitted from the chart.

There were equal proportions (29% of each) of attendees aged between 15 and 29 years (n=4,090) and between 30 and 59 years (n=4,044; figure 2).

Figure 2: ED attendances by age group and month, October 2014 to September 2015

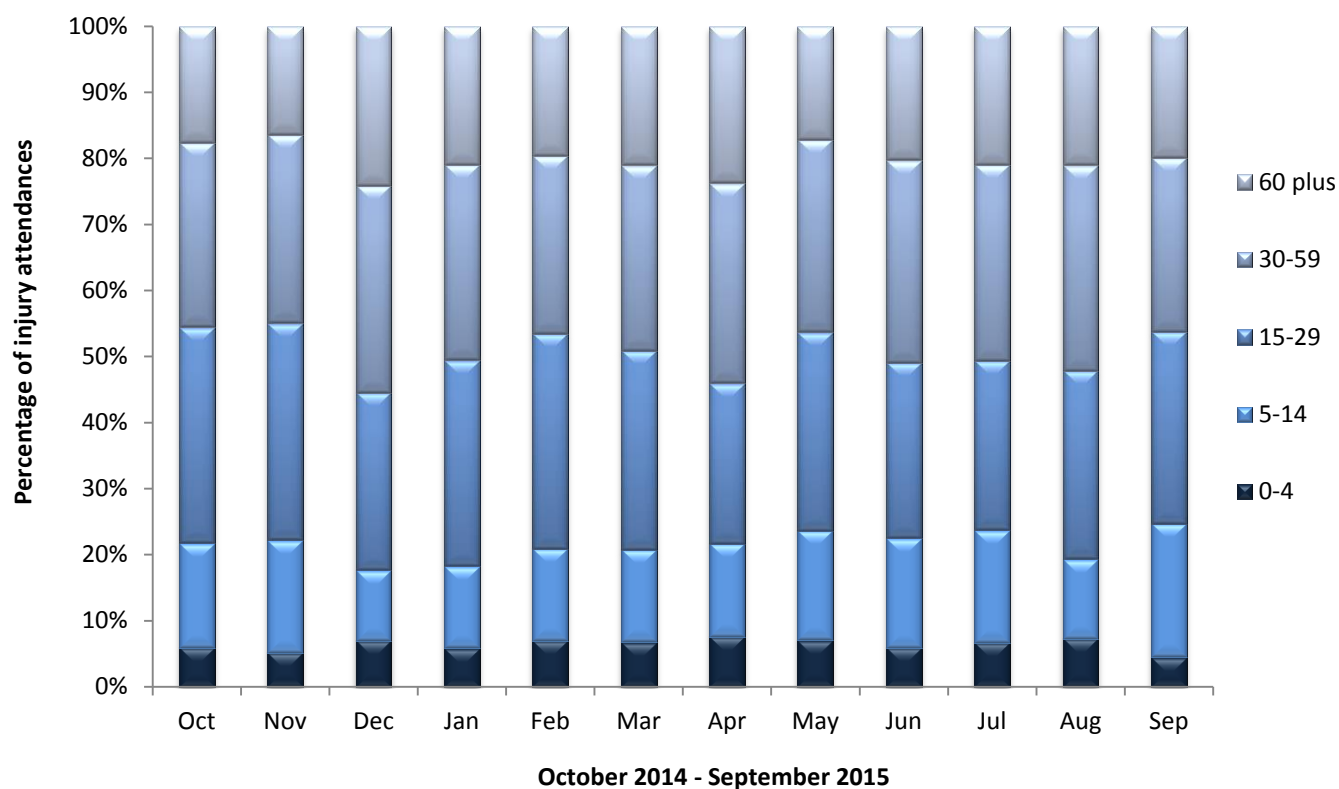


Table 1 shows the injury group of attendances between October 2014 and September 2015. Just under three quarters (72%) of attendances were categorised as ‘other’ injuries (n=10,025). Sports injuries accounted for 16% (n=2,166) of attendances, while 8% were due to road traffic collisions (n=1,077).

Table 1: ED attendances by injury group and month, October 2014 to September 2015*

Injury group	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Other injury	920	949	869	862	921	1068	987	632	773	702	649	693	10025	72%
Sports injury	273	259	111	168	207	212	141	155	155	138	111	236	2166	16%
Road traffic collision	103	99	93	91	82	90	82	108	105	61	75	88	1077	8%
Assault	29	22	44	37	36	35	34	51	44	36	50	33	451	3%
Deliberate self-harm	29	16	15	18	13	25	16	13	14	15	15	12	201	1%
Total	1354	1345	1132	1176	1259	1430	1260	959	1091	952	900	1062	13920	100%

* Due to low numbers, firework injuries have been included in the ‘other’ injury category (n<5).

The referral source to the ED is displayed in table 2. Just over three fifths (61%) were self-referred to the ED (n=8,545) while 20% were referred by the emergency services (n=2,742).

Table 2: ED attendances by referral source and month, October 2014 to September 2015¹

Referral source	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Self-referral	898	867	716	717	745	819	652	605	715	602	558	651	8545	61%
Emergency services	233	252	253	249	259	314	313	158	187	152	179	193	2742	20%
Other	187	164	129	155	194	225	235	156	140	144	130	177	2036	15%
Educational establishment	15	26	<10	24	21	25	15	15	16	16	***	17	197	1%
Work	<10	17	***	8	9	13	13	11	13	11	13	10	130	1%
GP	<10	<10	9	13	13	17	17	***	<10	15	7	7	119	1%
Health care provider: same or other	***	10	11	<10	11	11	<15	6	10	6	7	<10	99	1%
Police	5	***	***	***	7	6	***	<10	***	6	<10	***	52	0%
Total	1354	1345	1132	1176	1259	1430	1260	959	1091	952	900	1062	13920	100%

Table 3 displays the incident location of injuries sustained. Thirty four per cent occurred in a public place (n=4,801), while almost one third (32%) occurred at home (n=4,417). Eight per cent of injuries occurred in an educational establishment (n=1,137) and at work (n=1,127).

Table 3: ED attendances by incident location and month, October 2014 to September 2015¹

Incident location	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Public place	492	448	353	337	354	459	373	389	427	355	409	405	4801	34%
Home	357	390	426	381	466	492	466	236	326	291	293	293	4417	32%
Other	254	231	184	266	228	256	245	188	165	150	131	140	2438	18%
Educational establishment	137	163	67	95	117	121	76	<65	85	73	***	137	1137	8%
Work	114	113	102	97	94	102	100	<85	88	83	<65	87	1127	8%
Total	1354	1345	1132	1176	1259	1430	1260	959	1091	952	900	1062	13920	100%

The discharge destination for ED attendances is displayed in table 4. Under two-fifths (37%) were discharged from hospital with no follow-up treatment required (n=5,180). Just over one in five (21%) were referred to the fracture clinic (n=2,868), 19% were discharged from hospital with follow-up care to be provided by a General Practitioner (GP; n=2,599) and over one in eight (14%) were admitted to hospital (n=1,890).

¹ Please note that all numbers less than five have been suppressed (***) in line with patient confidentiality. If there is only one number less than five in a category then two numbers have been suppressed to prevent back calculations from totals.

Table 4: ED attendances by discharge destination and month, October 2014 to September 2015^{1,*}

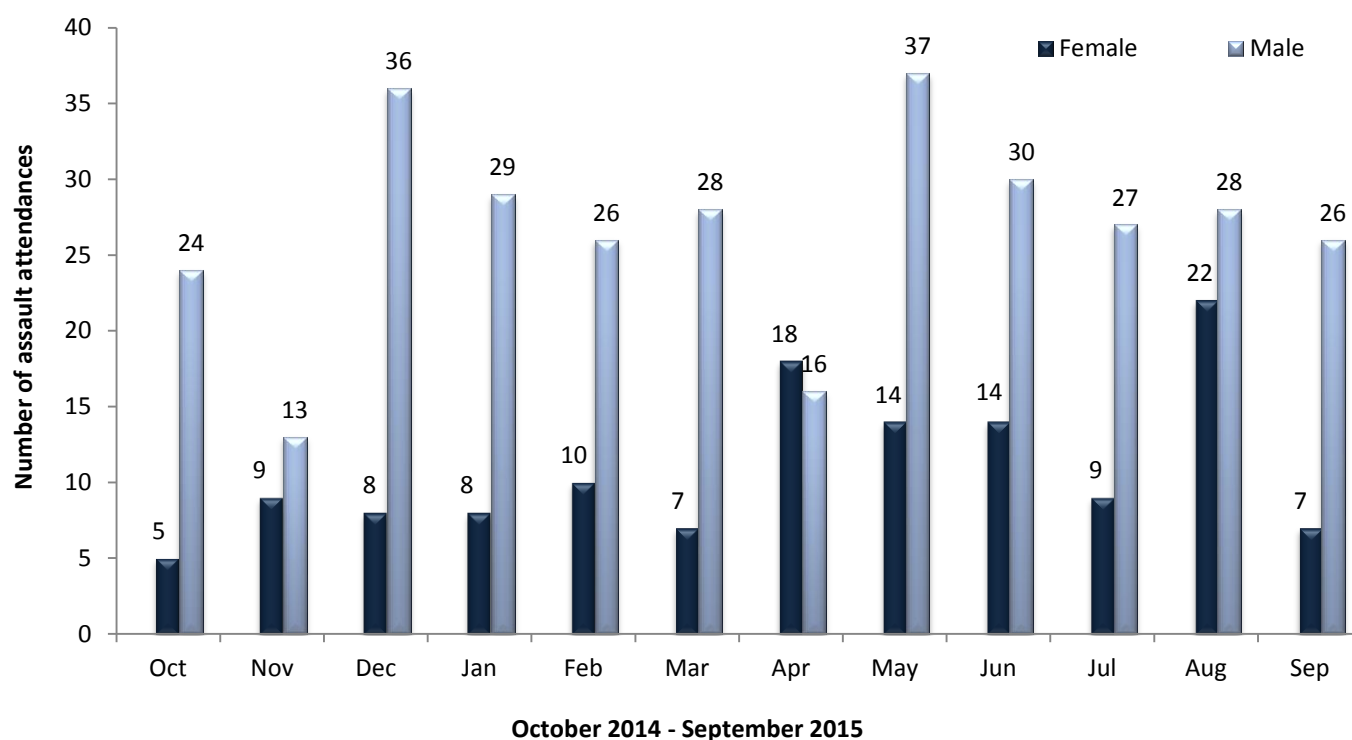
Discharge destination	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Discharged - no follow-up	562	459	413	415	436	527	414	398	390	382	370	414	5180	37%
Fracture clinic	294	299	216	246	267	270	238	201	240	191	169	237	2868	21%
Discharged - follow-up care by GP	251	279	192	219	255	268	251	162	244	164	139	175	2599	19%
Admitted	146	170	180	165	186	221	223	108	124	114	124	129	1890	14%
Out-patient clinic	32	56	44	43	43	50	48	32	39	30	36	40	493	4%
Follow-up within ED	23	45	35	32	28	38	26	26	21	30	21	27	352	3%
Left before being treated	16	<15	21	22	14	17	15	11	10	***	10	14	163	1%
Transferred to other health care provider	9	12	13	17	12	9	20	7	9	15	19	12	154	1%
Other health care professional	13	14	12	11	12	17	13	9	9	15	9	7	141	1%
Left having refused treatment	***	***	***	***	***	7	9	***	***	***	***	***	39	0%
Other	<10	0	***	***	***	<10	***	***	***	<10	***	<10	36	0%
Died in department	0	0	***	***	0	***	***	0	0	0	0	0	5	0%
Total	1354	1345	1132	1176	1259	1430	1260	959	1091	952	900	1062	13920	100%

*There were less than five records where the disposal was 'referral to ambulatory care'; these have been included under 'other health care professional'.

ASSAULT ATTENDANCES

Between October 2014 and September 2015 there were 451 assault attendances to Royal Lancaster Infirmary ED. The month with the highest number was May 2015 with 51 assault attendances (figure 3). Just over seven in ten (71%) of attendees presenting at the ED with assault-related injuries were male (n=320; figure 3).

Figure 3: ED assault attendances by gender and month, October 2014 to September 2015



Half (50%) were aged between 15 and 29 years (n=225) while 42% were aged between 30 and 59 years (n=189; table 5).

Table 5: ED assault attendances by age group and month, October 2014 to September 2015¹

Age group	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
0-4	0	***	0	0	0	0	***	0	0	0	0	0	***	0%
5-14	***	***	***	***	***	0	<10	0	***	***	0	5	24	5%
15-29	11	8	25	24	17	17	12	27	19	18	27	20	225	50%
30-59	15	10	<20	<15	14	<20	15	<25	21	<20	<25	8	189	42%
60 plus	***	***	0	0	***	***	***	***	***	0	***	0	<15	2%
Total	29	22	44	37	36	35	34	51	44	36	50	33	451	100%

The location of assaults sustained is shown in table 6. Over half (52%) of incidents occurred in a public place (n=236) and 20% occurred in the home (n=88) as well as 20% which occurred in 'other' locations (n=88); 6% of assaults occurred in at work (n=26).

Table 6: ED assault attendances by incident location and month, October 2014 to September 2015¹

Incident location	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Public place	15	<10	29	19	13	21	14	33	22	19	24	18	236	52%
Home	6	11	8	<10	9	<10	9	***	7	<10	14	***	88	20%
Other	<10	***	5	12	10	6	5	10	10	10	<10	6	88	20%
Work	***	0	***	***	***	0	***	***	***	***	***	***	26	6%
Educational establishment	***	***	***	0	***	***	***	0	***	***	0	***	13	3%
Total	29	22	44	37	36	35	34	51	44	36	50	33	451	100%

Table 7 displays the disposal method of assault attendances. Two fifths (40%) required follow-up treatment (n=179), while 39% were discharged from hospital with no follow-up treatment required (n=175); over one in ten (12%) were admitted to hospital (n=54).

Table 7: ED assault attendances by disposal method and month, October 2014 to September 2015¹

Disposal	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Follow-up	12	10	15	11	16	15	15	17	20	15	15	18	179	40%
Discharged	10	6	17	18	11	12	13	21	13	18	26	10	175	39%
Admitted	<10	***	5	***	<10	<10	***	6	***	***	<10	0	54	12%
Other	***	***	7	<10	***	***	***	7	<10	***	***	5	43	10%
Total	29	22	44	37	36	35	34	51	44	36	50	33	451	100%