

Trauma and Injury Intelligence Group Biannual Bulletin

Royal Preston Hospital Emergency Department
October 2014 to September 2015

December 2015



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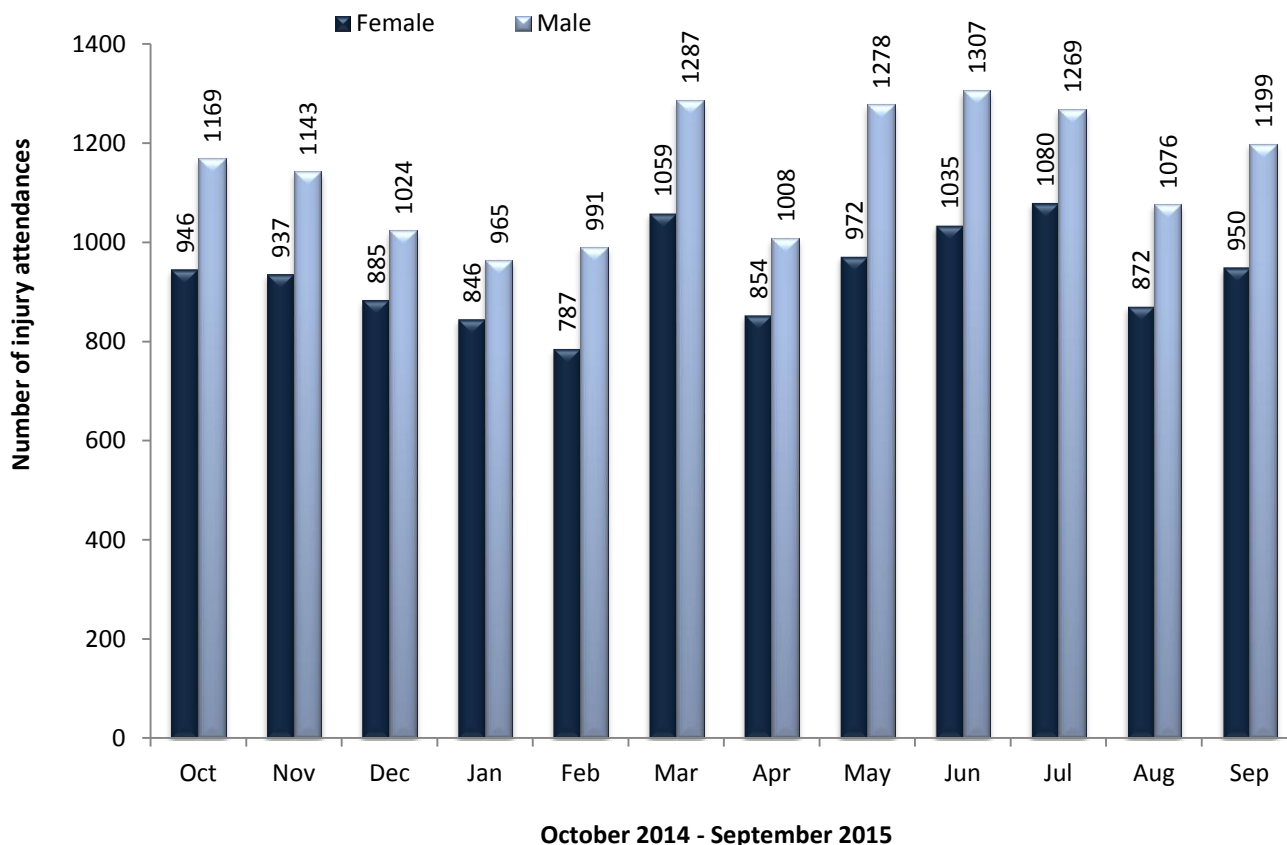
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ALL INJURY ATTENDANCES

This bulletin provides a breakdown of all injury attendances to Royal Preston Hospital Emergency Department (ED) between October 2014 and September 2015. In the twelve month period there were 24,943 injury attendances to Royal Preston Hospital ED. June 2015 had the highest number of attendances, calculated as a daily average, (78 per day), while January 2015 had the fewest (58 per day; 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 not recorded; these have been omitted from the table

There were more male (55%) than female attendances to the ED between October 2014 and September 2015 (n=13,716; figure 1). Just under three in ten (29%) were aged between 30 and 59 years (n=7,292), while 26% were aged between 15 and 29 years (n=6,572; figure 2).

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

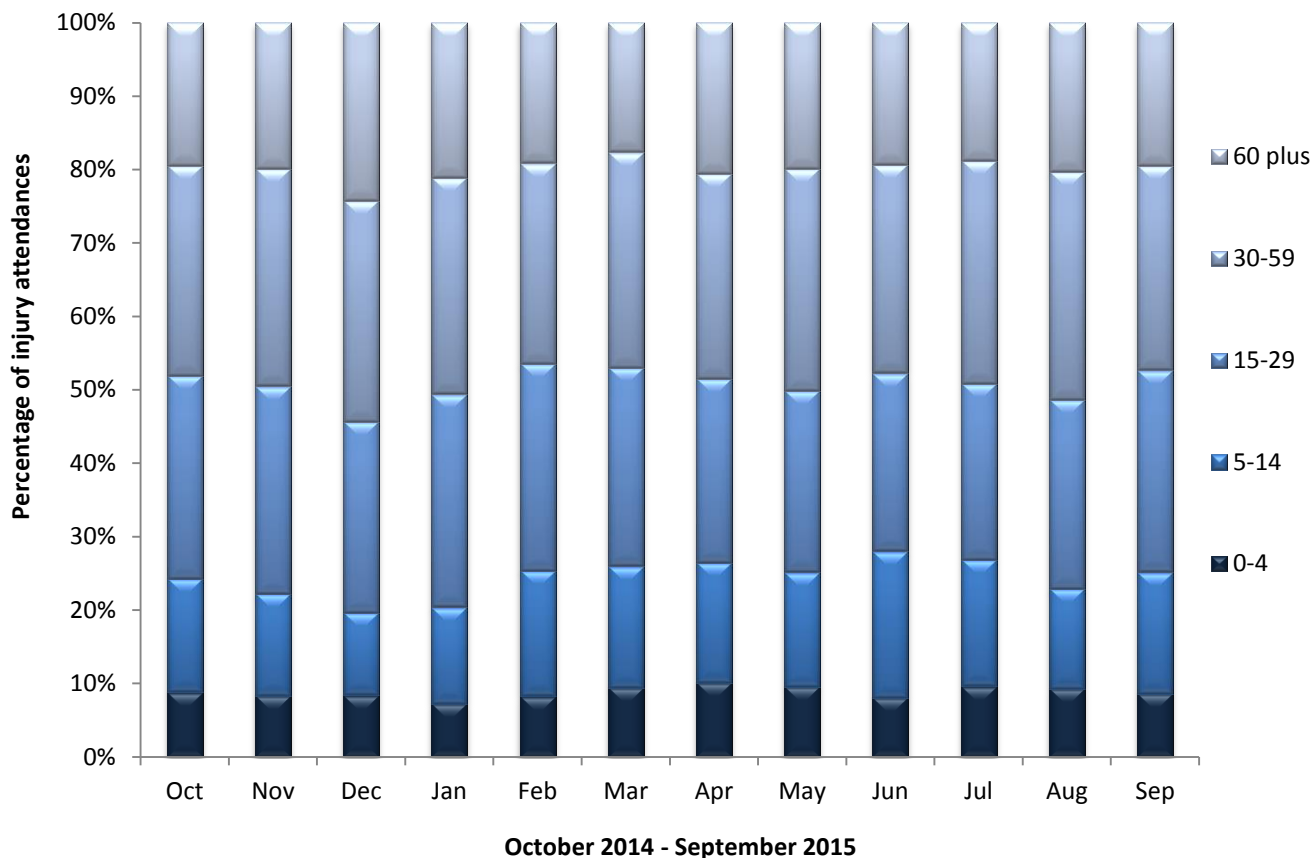


Table 1 displays the injury group of attendees between October 2014 and September 2015. Over two in five (44%) injuries were sustained by falls (n=10,854) and three in ten (30%) were categorised as ‘other’ injuries (n=7,493). Just over one in ten (11%) injuries were caused by sport (n=2,720) and 10% were caused by road traffic collisions (n=2,428).

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	%
Fall	916	915	933	832	739	872	772	957	1048	1017	879	974	10854	44%
Other injury	610	538	492	510	562	810	641	725	719	753	554	579	7493	30%
Sports injury	259	291	170	183	241	300	152	218	253	225	158	270	2720	11%
Road traffic collision	233	235	189	168	153	212	198	194	203	217	223	203	2428	10%
Assault	88	87	102	97	56	109	76	135	95	104	109	106	1164	5%
Deliberate self-harm	9	14	23	22	27	44	23	23	24	33	25	17	284	1%
Total	2115	2080	1909	1812	1778	2347	1862	2252	2342	2349	1948	2149	24943	100%

*Due to low numbers, firework injuries (n=6) and major incident (n=<5) have been included in the ‘other’ injury category

Over one third (35%) of injuries occurred in the home (n=8,660), while a quarter (25%) occurred in a public place (n=6,184; table 2). One in ten (10%) injuries were categorised as ‘sport’ (2,499) and 10% occurred in ‘other’ locations (n=2,438). Just under one in ten (8%) injuries occurred at work (n=2,083) and 6% occurred in an educational establishment (n=1,374).

Table 2: ED attendances by incident location and month, October 2014 to September 2015^{1,2}

Incident location	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Home	705	690	731	665	628	828	673	827	779	788	670	676	8660	35%
Public place	456	470	480	438	370	456	527	575	588	595	614	615	6184	25%
Sport	232	253	146	162	207	271	160	211	219	215	166	257	2499	10%
Other	213	193	177	126	175	269	170	230	262	276	165	182	2438	10%
Work	180	186	132	167	145	184	159	187	202	210	168	163	2083	8%
Educational establishment	141	137	99	130	129	185	<65	96	172	117	***	101	1374	6%
Home - other person's	39	40	45	36	32	42	47	35	35	48	48	40	487	2%
Public building	34	41	38	35	18	33	30	48	23	28	38	46	412	2%
Holiday	25	11	10	18	11	14	13	16	34	30	44	47	273	1%
Nursery	18	9	12	5	10	14	11	12	14	17	9	8	139	1%
Garden	25	22	9	12	14	14	0	0	0	0	0	0	96	0%
Public park/playground	26	13	<15	***	20	22	0	0	0	0	0	0	93	0%
Prison	5	6	6	5	7	6	<10	8	<10	16	14	8	91	0%
Hospital	10	<10	7	***	6	7	***	7	7	9	***	***	73	0%
Public transport	***	0	***	***	***	***	0	0	***	0	<10	***	21	0%
Special event	***	***	***	6	***	***	0	0	0	0	0	0	<20	0%
Bus station	0	0	***	0	0	0	0	0	0	0	0	0	***	0%
Total	2115	2080	1909	1812	1778	2347	1862	2252	2342	2349	1948	2149	24943	100%

The discharge destination for ED attendees is displayed in table 3. Just over three fifths (61%) of attendees were discharged from hospital with no follow-up treatment required (n=15,214), 11% were referred to the fracture clinic (n=2,805) and 11% were admitted to Royal Preston Hospital (n=2, 742).

¹ 'Educational establishment' includes: educational establishment, school, school – other, school playground and school sport. 'Public place' includes: public place and playing out. 'Public building/Licensed premises' includes: public building pub/club/bar - inside and pub/club/bar - outside.

² 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.

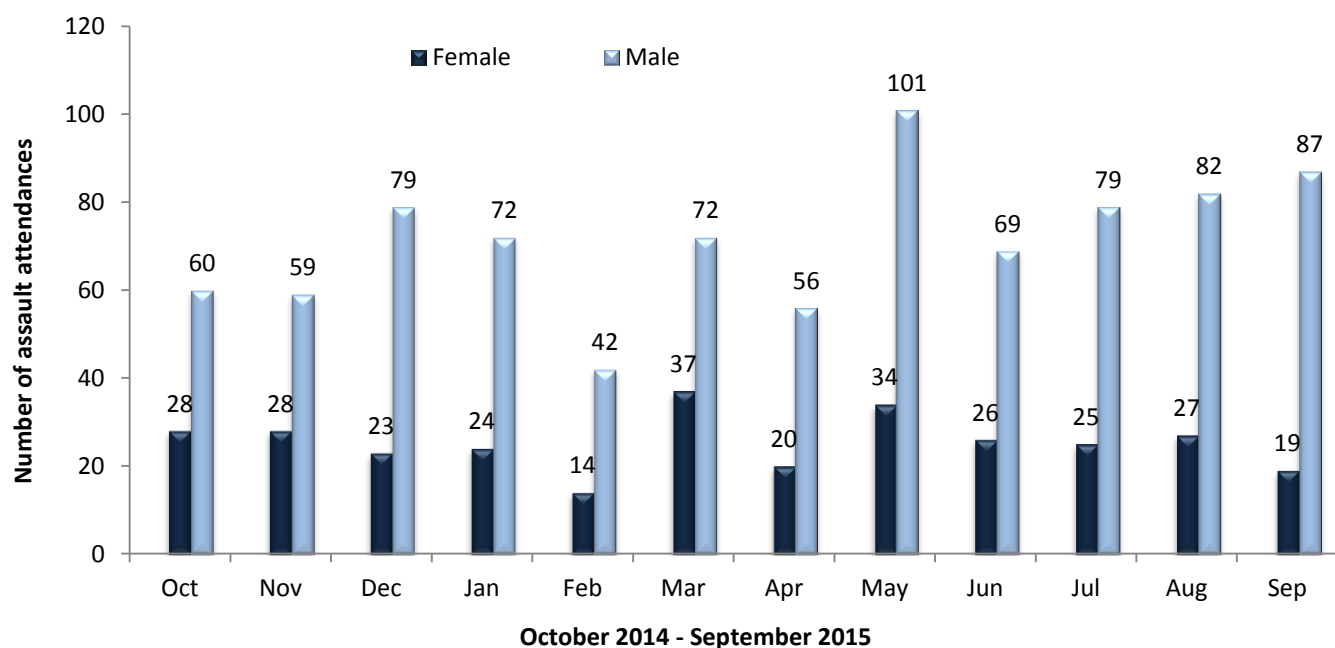
Table 3: ED attendances by discharge destination and month, October 2014 to September 2015^{2,3}

Discharge destination	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Discharged - no follow-up	1307	1319	1161	1103	1075	1451	1122	1360	1412	1414	1203	1287	15214	61%
Referred to fracture clinic	249	227	195	198	199	231	217	248	298	297	199	247	2805	11%
Admitted to RPH	229	221	244	216	196	260	206	249	248	247	200	226	2742	11%
Discharged - follow-up by GP	74	78	112	109	110	127	93	115	100	108	107	109	1242	5%
Referred to other outpatient clinic	60	68	41	50	52	55	56	71	50	59	42	46	650	3%
Left before being treated	39	42	53	40	36	62	47	56	53	58	52	47	585	2%
Transferred to other HCP	***	***	5	***	9	65	60	73	78	77	59	66	503	2%
Referred to ED clinic	40	49	48	44	47	31	28	28	39	33	30	38	455	2%
Referred to other healthcare professional	40	25	22	26	28	43	22	35	36	37	32	39	385	2%
Other	67	37	21	12	15	<15	***	12	19	14	20	36	266	1%
Left having refused treatment	***	8	***	7	<10	7	***	***	***	***	***	***	51	0%
Police custody	***	***	***	***	***	***	***	***	<10	***	***	***	38	0%
Admitted to CDGH	0	0	0	***	0	***	***	***	0	***	0	***	7	0%
Total	2115	2080	1909	1812	1778	2347	1862	2252	2342	2349	1948	2149	24943	100%

ASSAULT ATTENDANCES

Between October 2014 and September 2015 there were 1,164 assault attendances to Royal Preston Hospital ED. The month with the highest number of attendances was May 2015 (n=135; figure 3).

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



³ 'Admitted to CDGH' includes: admitted, admitted to Chorley and South Ribble Hospital (CDGH) and admitted to Healey/Yarrow Ward. 'Admitted to RPH' includes: admitted to Royal Preston Hospital (RPH) and admitted to the Avondale Unit. 'Other' includes: primary care, other, dead on arrival and died in department. HCP = Health care provider.

Just under three quarters (74%) of assault attendees were male (males=858; figure 3); just over half (51%) were aged between 15 and 29 years (n=599) and 41% were aged between 30 and 59 years (n=475; table 4).

Table 4: ED assault attendances by age group and month, October 2014 to September 2015²

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%
5-14	***	***	***	***	***	***	***	8	<10	<10	***	<10	56	5%
15-29	52	43	56	51	29	40	44	69	46	52	58	59	599	51%
30-59	<35	36	39	41	24	60	<30	51	36	42	47	38	475	41%
60 plus	0	***	***	***	***	***	***	<10	***	***	***	***	<35	3%
Total	88	87	102	97	56	109	76	135	95	104	109	106	1164	100%

The assault location is shown in table 5. Two fifths (40%) of assaults occurred in a public place (n=461), 18% occurred in the home (n=204) and 16% occurred in 'other' locations (n=189). Eleven per cent of assaults took place in a public building (including pubs, clubs and bars; n=131).

Table 5: ED assault attendances by incident location and month, October 2014 to September 2015^{2,4}

Incident location	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Public place	32	34	43	43	16	40	27	44	41	44	51	46	461	40%
Home	11	19	18	18	6	21	11	25	17	20	24	14	204	18%
Other	16	14	13	7	14	21	16	29	14	16	13	16	189	16%
Public building	11	8	14	13	8	11	13	21	10	***	<10	12	131	11%
Work	7	5	5	10	***	5	6	6	5	9	<10	8	74	6%
Home - other person's	***	***	***	***	***	5	***	***	***	5	***	***	33	3%
Educational establishment	***	***	5	***	***	***	0	***	***	***	0	***	27	2%
Prison	***	***	***	0	***	0	***	5	***	***	***	***	27	2%
Holiday	0	0	0	0	0	0	0	***	***	***	***	***	6	1%
Public park/playground	***	0	0	***	0	***	0	0	0	0	0	0	5	0%
Sport	***	0	0	***	0	0	0	***	0	0	0	0	***	0%
Hospital	***	0	0	0	0	***	0	0	0	0	0	0	***	0%
Bus station	0	0	***	0	0	0	0	0	0	0	0	0	***	0%
Public transport	0	0	0	***	0	0	0	0	0	0	0	0	***	0%
Total	88	87	102	97	56	109	76	135	95	104	109	106	1164	100%

Table 6 displays the disposal method of assault attendances between October 2014 and September 2015. Over half (54%) were discharged from hospital with no follow-up treatment required (n=626) and under one quarter (23%) were referred for follow-up treatment (n=268). Over one in ten (12%) assault attendees were either admitted to hospital (n=136) or discharged by 'other' methods (134).

⁴ Educational establishment' includes: educational establishment, school, school – other, school playground and school sport. 'Public place' includes: public place and playing out. 'Public building' includes: public building pub/club/bar - inside and pub/club/bar - outside.

Table 6: ED assault attendances by disposal method and month, October 2014 to September 2015

Disposal method	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Discharged	58	42	67	40	32	50	39	68	51	60	68	51	626	54%
Follow-up	14	27	13	29	15	28	17	35	19	23	20	28	268	23%
Admitted	11	<10	10	11	***	12	13	14	16	13	8	17	136	12%
Other	5	<10	12	17	<10	19	7	18	9	8	13	10	134	12%
Total	88	87	102	97	56	109	76	135	95	104	109	106	1164	100%