

Trauma and Injury Intelligence Group Biannual Bulletin

Royal Preston Hospital Emergency Department
April 2014 to March 2015

July 2015



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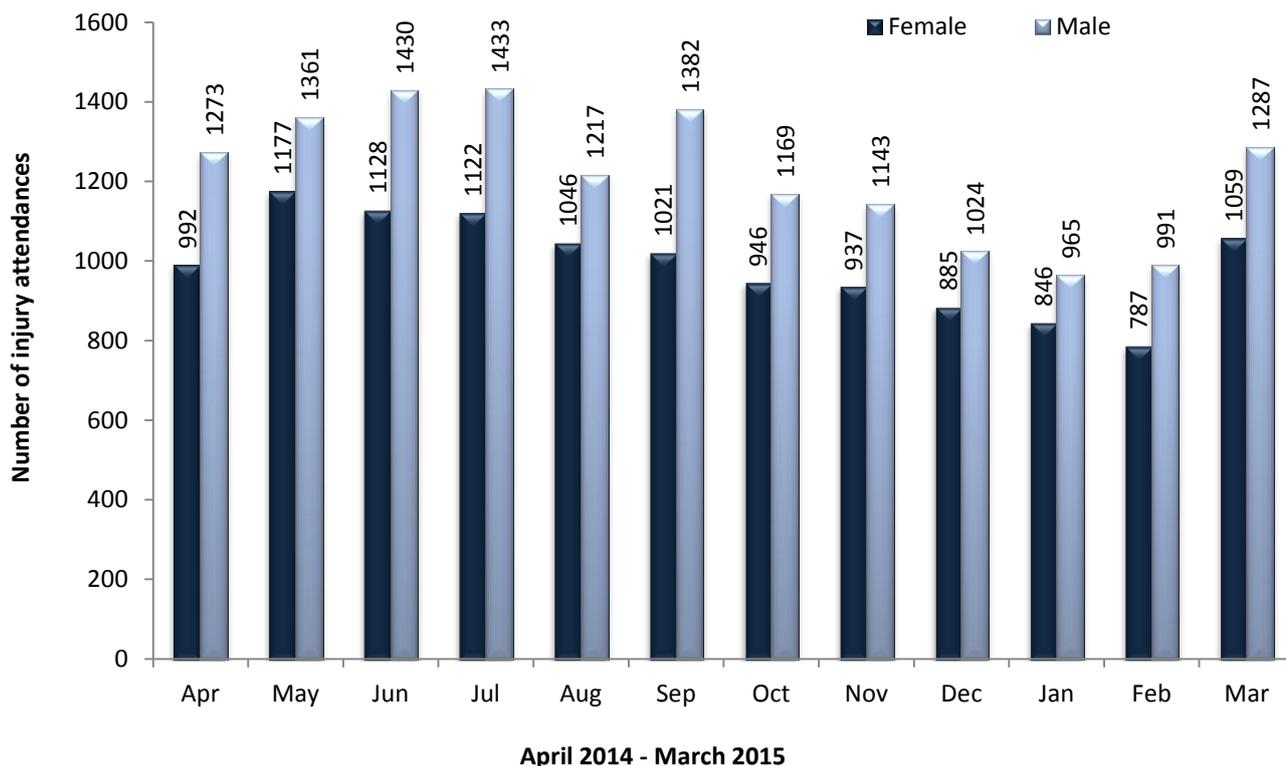
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ALL INJURY ATTENDANCES

This bulletin provides a breakdown of all injury attendances to Royal Preston Hospital Emergency Department (ED) between April 2014 and March 2015. In the twelve month period there were 26,626 injury attendances to Royal Preston Hospital ED. June 2014 had the highest number of attendances, calculated as a daily average, (85 per day), while January 2015 had the fewest (58 per day; figure 1).

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



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

There were more male (55%) than female attendances to the ED in 2014/15 (n=14,675; figure 1). Just under three in ten (29%) were aged between 30 and 59 years (n=7,775), while 27% were aged between 15 and 29 years (n=7,056; figure 2).

Figure 2: ED attendances by age group and month, April 2014 to March 2015

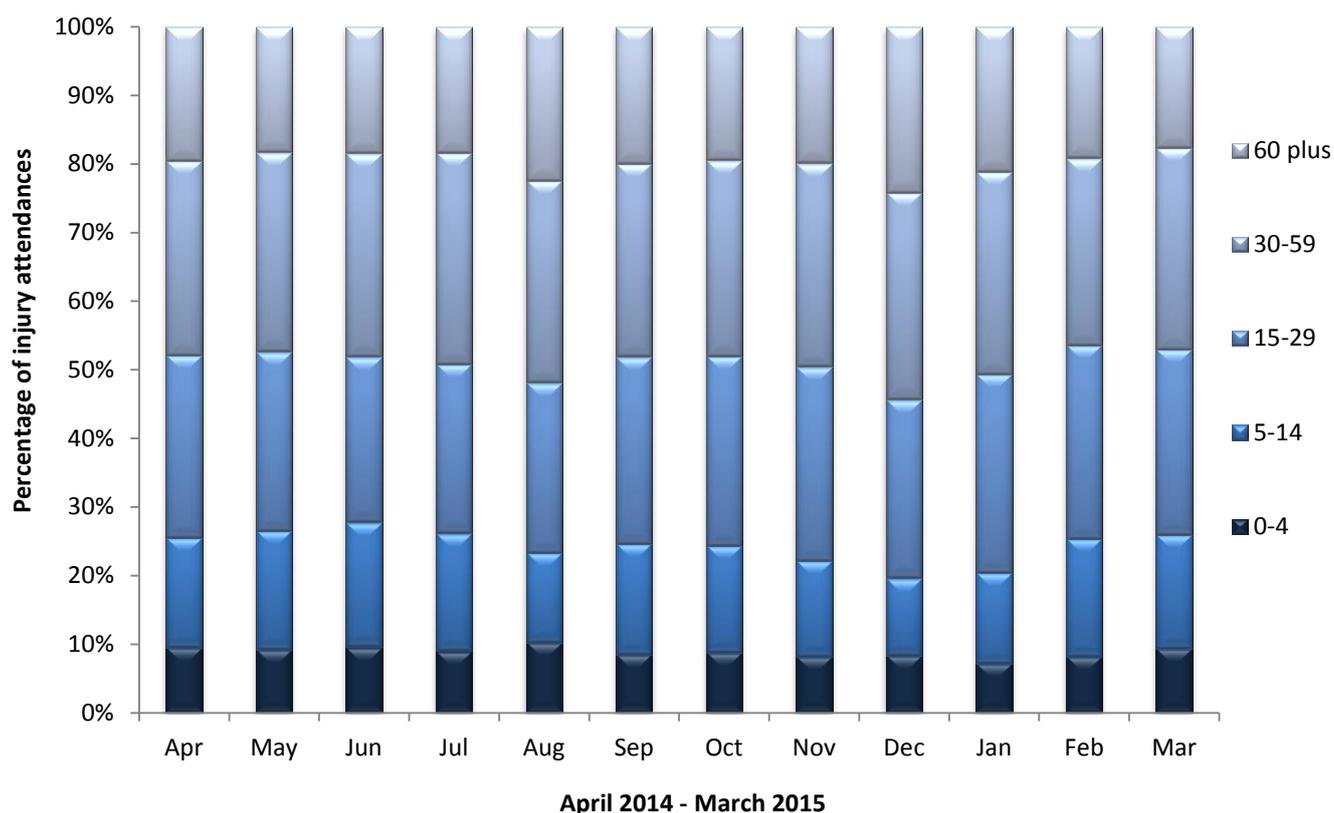


Table 1 displays the injury group of attendees between April 2014 and March 2015. Over two in five (43%) injuries were sustained by falls (n=11,492) and just under one third (31%) were categorised as ‘other’ injuries (n=8,193). Just over one in ten (11%) injuries were caused by sport (n=3,033) and 9% were caused by road traffic collisions (n=2,518).

Table 1: ED attendances by injury group and month, April 2014 to March 2015*

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Fall	989	1104	1113	1068	1012	999	916	915	933	832	739	872	11492	43%
Other injury	660	825	874	881	714	717	610	538	492	510	562	810	8193	31%
Sports injury	279	261	265	258	184	342	259	291	170	183	241	300	3033	11%
Road traffic collision	227	230	188	224	234	225	233	235	189	168	153	212	2518	9%
Assault	95	104	100	107	99	94	88	87	102	97	56	109	1138	4%
Deliberate self-harm	15	15	18	18	21	26	9	14	23	22	27	44	252	1%
Total	2265	2539	2558	2556	2264	2403	2115	2080	1909	1812	1778	2347	26626	100%

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

Just over one third (34%) of injuries occurred in the home (n=8,992), while just under a quarter (23%) occurred in a public place (n=6,171; table 2). One in ten (10%) injuries occurred in ‘other’ locations (n=2,759), just under one in ten (8%) occurred at work (n=2,145) and 5% occurred in an educational establishment (n=1,421).

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

Incident location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home	751	815	803	820	782	774	705	690	731	665	628	828	8992	34%
Public place	568	636	587	611	551	548	456	470	480	438	370	456	6171	23%
Other	218	261	284	274	320	249	213	193	177	126	175	269	2759	10%
Sport	264	245	261	228	181	307	232	253	146	162	207	271	2757	10%
Work	180	198	199	220	182	172	180	186	132	167	145	184	2145	8%
Educational establishment	88	131	124	<135	***	121	141	137	99	130	129	185	1421	5%
Home - other person's	34	60	43	58	52	41	39	40	45	36	32	42	522	2%
Garden	57	67	95	77	55	45	25	22	9	12	14	14	492	2%
Public building/Licensed premises	22	31	34	25	44	34	34	41	38	35	18	33	389	1%
Holiday	14	36	37	42	38	45	25	11	10	18	11	14	301	1%
Public park/playground	37	31	<45	33	27	34	26	<15	10	***	20	22	294	1%
Nursery	13	17	24	14	13	7	18	9	12	5	10	14	156	1%
Hospital	10	***	5	6	***	10	10	5	7	***	6	7	77	0%
Prison	5	6	9	9	5	6	5	6	6	5	7	6	75	0%
Special event	***	***	10	5	***	***	***	***	***	6	***	***	<45	0%
Public transport	***	0	***	***	***	5	***	0	***	***	***	***	28	0%
Bus station	***	0	0	0	***	***	0	0	***	0	0	0	***	0%
Total	2265	2539	2558	2556	2264	2403	2115	2080	1909	1812	1778	2347	26626	100%

The discharge destination for ED attendees is displayed in table 3. Just over three-fifths (62%) of attendees were discharged from hospital with no follow-up treatment required (n=16,414), 11% were referred to the fracture clinic (n=3,035) and 10% were admitted to Royal Preston Hospital or the Avondale Unit (n=2,792).

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.

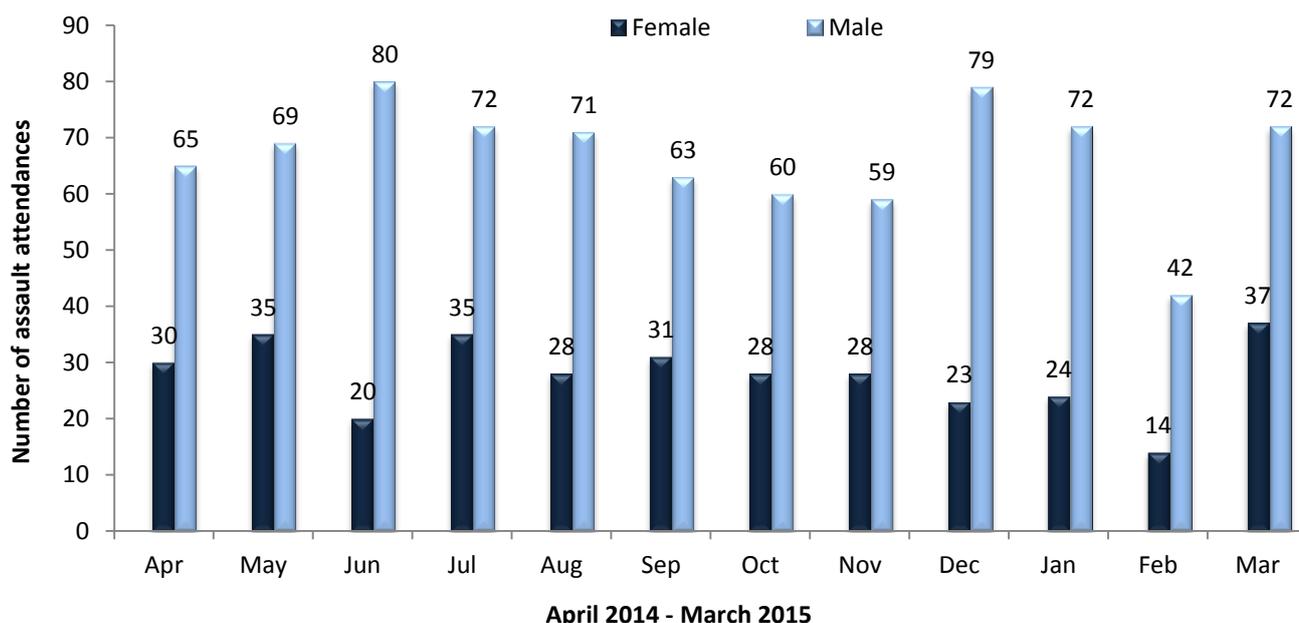
Table 3: ED attendances by discharge destination and month, April 2014 to March 2015^{2,3}

Discharge destination	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged - no follow-up	1373	1569	1501	1591	1427	1537	1307	1319	1161	1103	1075	1451	16414	62%
Referred to fracture clinic	272	318	330	308	243	265	249	227	195	198	199	231	3035	11%
Admitted to RPH	218	229	267	236	223	253	229	221	244	216	196	260	2792	10%
Discharged - follow-up by GP	110	120	128	111	97	71	74	78	112	109	110	127	1247	5%
Referred to other outpatient clinic	56	81	79	76	58	56	60	68	41	50	52	55	732	3%
Referred to ED clinic	68	52	62	64	60	74	40	49	48	44	47	31	639	2%
Left before being treated	34	43	72	62	54	50	39	42	53	40	36	62	587	2%
Other	80	64	53	58	44	50	67	37	21	12	15	10	511	2%
Referred to other healthcare professional	43	43	53	36	39	40	40	25	22	26	28	43	438	2%
Transferred to other HCP	5	9	6	9	6	***	***	***	5	***	<10	65	127	0%
Left having refused treatment	***	<10	***	***	8	***	***	8	***	7	8	7	70	0%
Police custody	***	***	***	***	5	***	***	***	***	***	***	***	<40	0%
Admitted to CDGH	0	0	0	0	0	0	0	0	0	***	0	***	***	0%
Total	2265	2539	2558	2556	2264	2403	2115	2080	1909	1812	1778	2347	26626	100%

ASSAULT ATTENDANCES

Between April 2014 and March 2015 there were 1,138 assault attendances to Royal Preston Hospital ED. The month with the highest number of attendances was March 2015 (n=109; figure 3).

Figure 3: ED assault attendances by gender and month, April 2014 to March 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 over seven in ten (71%) assault attendees were male (males=804; figure 3); just over half (51%) were aged between 15 and 29 years (n=582) and 42% were aged between 30 and 59 years (n=474; table 4).

Table 4: ED assault attendances by age group and month, April 2014 to March 2015²

Age group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
0-4	0	0	0	0	***	***	0	***	0	0	0	***	***	0%
5-14	5	8	5	***	***	***	***	***	***	***	***	***	45	4%
15-29	40	56	53	55	58	49	52	43	56	51	29	40	582	51%
30-59	45	<40	<45	47	35	38	<35	36	39	41	24	60	474	42%
60 plus	5	***	***	***	***	***	0	***	***	***	***	***	<35	3%
Total	95	104	100	107	99	94	88	87	102	97	56	109	1138	100%

The assault location is shown in table 5. Just over two-fifths (41%) of assaults occurred in a public place (n=467), 17% occurred in the home (n=197) and 16% occurred in 'other' locations (n=185). Ten percent of assaults took place in a public building (including pubs, clubs and bars; n=115).

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

Incident location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Public place	31	52	53	39	45	39	32	34	43	43	16	40	467	41%
Home	22	13	6	21	20	22	11	19	18	18	6	21	197	17%
Other	24	16	13	13	18	16	16	14	13	7	14	21	185	16%
Public building	***	11	<15	9	9	7	11	8	14	13	8	11	115	10%
Work	9	***	7	11	5	***	7	5	5	10	***	5	74	7%
Home - other person's	***	***	***	5	0	***	***	***	***	***	***	5	31	3%
Educational establishment	***	***	***	0	***	0	***	***	5	***	***	***	23	2%
Prison	***	***	***	5	0	***	***	***	***	0	***	0	22	2%
Public park/playground	0	***	0	0	***	***	***	0	0	***	0	***	8	1%
Hospital	0	0	0	***	0	***	***	0	0	0	0	***	***	0%
Holiday	0	0	0	***	0	***	0	0	0	0	0	0	***	0%
Sport	0	0	0	***	0	0	***	0	0	***	0	0	***	0%
Garden	***	0	***	0	0	0	0	0	0	0	0	0	***	0%
Bus station	0	0	0	0	0	***	0	0	***	0	0	0	***	0%
Total	95	104	100	107	99	94	88	87	102	97	56	109	1138	100%

Table 6 displays the disposal method of assault attendances in 2014/15. Just over half (53%) were discharged from hospital with no follow-up treatment required (n=601) and one quarter (25%) were referred for follow-up treatment (n=286). Just over one in ten (11%) assault attendees were either admitted to hospital (n=126) or discharged by 'other' methods (125).

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, April 2014 to March 2015 Error! Bookmark not defined.

Disposal method	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	53	59	40	56	49	55	58	42	67	40	32	50	601	53%
Follow-up	31	26	34	29	21	19	14	27	13	29	15	28	286	25%
Other	***	9	12	11	17	5	5	9	12	17	<10	19	125	11%
Admitted	<10	10	14	11	12	15	11	9	10	11	***	12	126	11%
Total	95	104	100	107	99	94	88	87	102	97	56	109	1138	100%