



TIIG

INJURY SURVEILLANCE IN THE NORTH WEST OF ENGLAND

Royal Preston Hospital Emergency Department

Monthly Bulletin: April 2012 to March 2013

This bulletin provides a breakdown of all injury attendances at Royal Preston Hospital Emergency Department (ED) between April 2012 and March 2013.

Between April 2012 and March 2013 there were 29,186 attendances to Royal Preston Hospital ED. The month with the highest attendances was May with 2,760 (**Figure 1**). There were more male than female attendances presenting at Royal Preston Hospital ED (males=15,978; 55%).

Figure 2 illustrates the age group of ED attendances for each month. The highest proportions of attendances were for persons aged 30-59 (n=8,659; 30%) and 15-29 years old (n=8,215; 28%).

The injury group of ED attendances is detailed in **Table 1**. Almost two-fifths (n=11,473; 39%) of attendances were recorded as a fall, followed by 37% other injury (n=10,855). Sports injury accounted for 9% of attendances (n=2,724), road traffic collisions (RTC) 9% (n=2,486) and assaults 5% (n=1,459).

Table 2 shows the location of incident for patients attending Royal Preston Hospital ED. The primary incident location was in the home where over a third (n=9,927; 34%) of injuries occurred. A quarter of injuries occurred in a public place (n=7,330; 25%).

The discharge destination for injury attendances is displayed in **Table 3**. It indicates over half (n=15,527; 53%) of attendances were discharged with no

follow-up treatment. Fifteen per cent of attendances were discharged into the care of their GP (n=4,427) and 11% went to the fracture clinic (n=3,215). Almost one in ten (n=2,506; 9%) were admitted into hospital or the Avondale Unit.

Assault attendances

Between April 2012 and March 2013 there were 1,459 assault attendances to Royal Preston Hospital ED. The month with the largest number of presentations was September with 152 attendances (**Figure 3**). There were more male than female assault attendances presenting at Royal Preston Hospital ED (males=1,047; 72%).

Table 4 details the age group of assault attendances for each month. The majority of ED assault attendances were aged 15-29 (n=857; 59%) and over a third (n=500; 34%) were aged 30-59 years.

The incident location for assault attendances to Royal Preston Hospital ED is shown in **Table 5**. The primary incident location for assault attendances was in a public place (n=653; 45%). Seventeen per cent took place in other location (n=251) followed by 16% in the home (n=227).

Table 6 illustrates the discharge destination for assault attendances. Almost half (n=697; 48%) of assault attendances were discharged with no follow-up treatment. Just under a third (n=470; 32%) required follow-up treatment and 8% were admitted into hospital (n=120).

Figure 1: Gender of ED injury attendances by month, April 2012 to March 2013

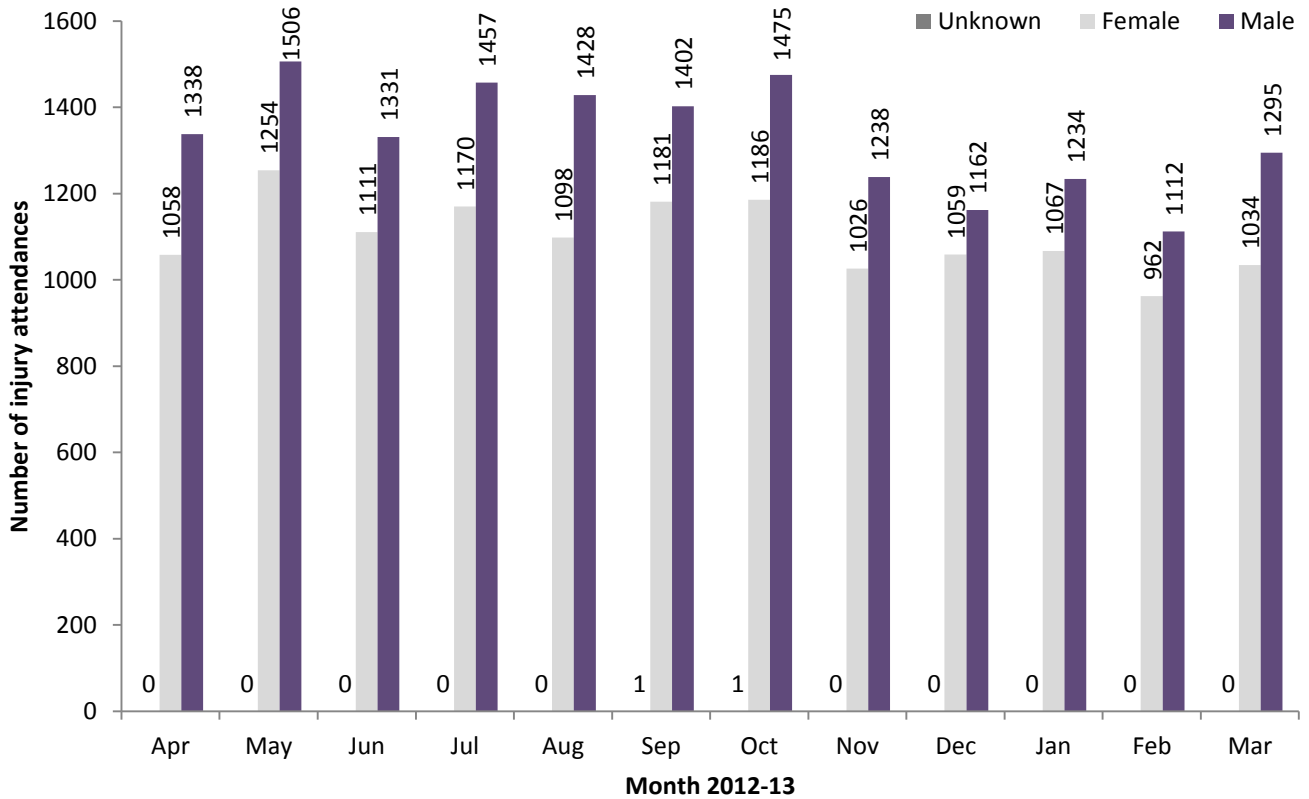


Figure 2: Percentage of ED injury attendances by age group and month, April 2012 to March 2013

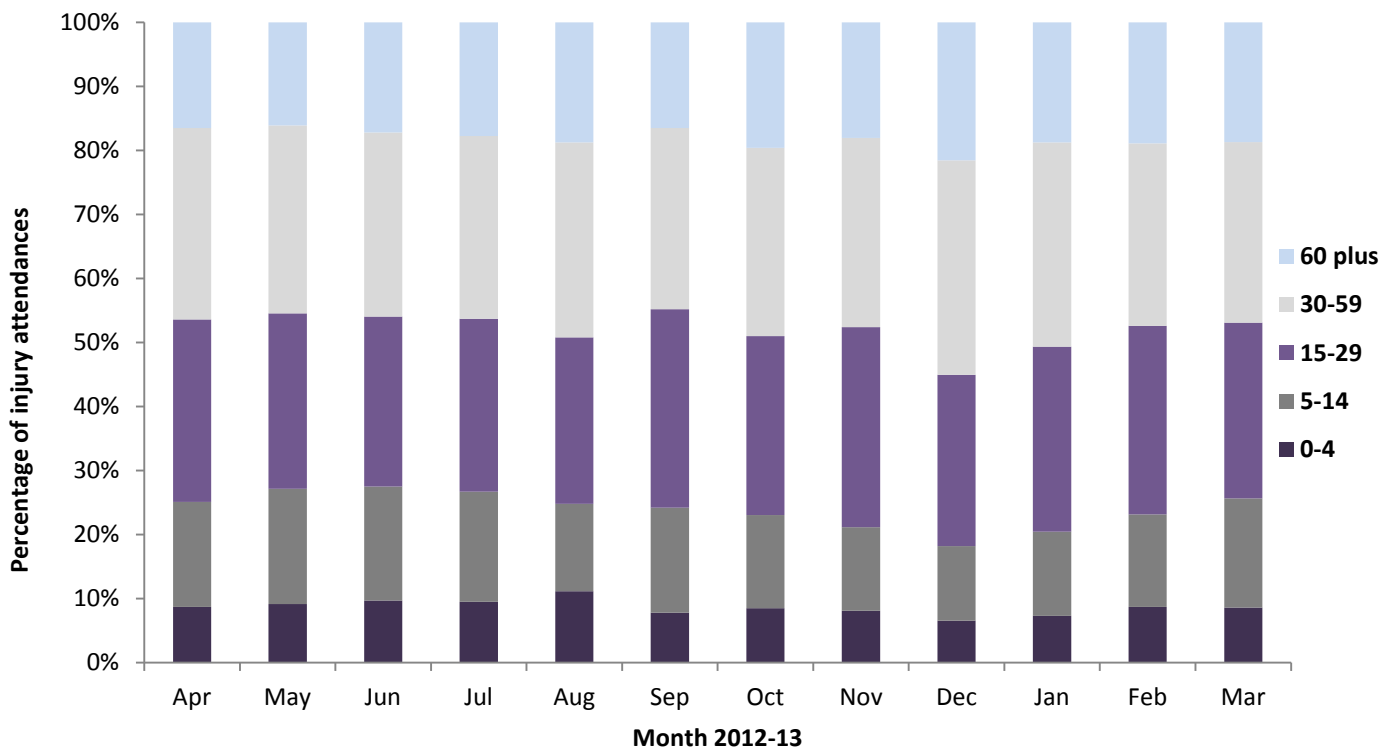


Table 1: ED injury attendances by injury group and month, April 2012 to March 2013

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Fall	856	1056	991	1004	1002	1073	978	855	930	968	867	893	11473	39
Other injury	925	1115	939	1066	1031	853	971	788	812	834	685	836	10855	37
Sports injury	276	274	179	214	130	279	297	219	142	188	235	291	2724	9
RTC	209	170	182	211	222	215	278	251	191	176	182	199	2486	9
Assault	118	135	133	110	125	152	129	129	127	110	94	97	1459	5
Deliberate self-harm	12	10	18	22	16	12	9	22	19	25	11	13	189	1
Total	2396	2760	2442	2627	2526	2584	2662	2264	2221	2301	2074	2329	29186	100

Table 2: ED injury attendances by incident location and month, April 2012 to March 2013^{1,2,3}

Location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home	815	881	849	869	854	787	873	773	860	842	698	826	9927	34
Public place	598	682	606	672	700	694	670	575	575	543	511	504	7330	25
Work	200	248	209	246	250	229	249	227	186	223	195	184	2646	9
Sport	269	251	179	230	137	249	279	201	133	170	221	251	2570	9
Other	229	211	197	194	260	217	209	168	197	223	154	188	2447	8
Educational establishment	77	175	112	120	***	139	184	147	105	153	132	214	1562	5
Other persons home	83	77	62	57	63	54	52	45	49	51	40	46	679	2
Garden	41	98	74	69	87	31	32	22	14	6	24	22	520	2
Public building	20	15	29	44	47	74	36	51	63	25	37	26	467	2
Holiday	29	31	52	45	54	46	23	17	6	21	14	22	360	1
Public park/playground	15	51	44	40	43	31	22	12	13	11	22	23	327	1
Nursery	8	13	11	12	16	9	12	***	***	11	12	5	115	0
Hospital	***	11	8	10	6	9	8	9	7	11	***	6	93	0
Prison	***	9	6	9	***	8	***	5	8	5	8	9	78	0
Special event	***	7	***	8	***	***	7	***	***	***	***	***	42	0
Public transport	***	***	***	***	***	***	***	5	***	***	***	***	<20	0
Bus station	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	2396	2760	2442	2627	2526	2584	2662	2264	2221	2296	2076	2332	29186	100

Table 3: ED injury attendances by discharge destination and month, April 2012 to March 2013⁴

Discharge destination	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged - no follow-up	1163	1304	1150	1155	1168	1340	1456	1310	1328	1438	1292	1423	15527	53
Discharged - follow-up by GP	487	600	544	672	534	437	370	166	165	160	131	161	4427	15
Fracture clinic	265	297	276	263	257	282	324	250	252	258	227	264	3215	11
Admitted RPH	206	228	177	214	240	231	203	225	216	172	198	196	2506	9
Other	75	71	55	101	67	57	72	80	58	53	54	55	798	3
Left before being treated	62	85	86	53	88	57	69	71	49	59	34	70	783	3
Outpatient clinic	52	67	68	51	75	64	57	59	53	58	55	42	701	2
ED clinic	50	74	35	65	62	67	55	54	61	43	50	65	681	2
Other healthcare professional	23	20	34	34	28	36	37	36	28	52	23	39	390	1
Left having refused treatment	***	8	8	7	***	***	8	9	7	***	5	10	74	0
Transferred to other HCP	7	***	5	8	***	6	6	***	***	***	***	***	47	0
Police custody	***	***	***	***	***	5	***	***	***	***	***	***	32	0
Admitted CDGH	***	***	***	***	***	***	***	***	***	***	***	***	5	0
Total	2396	2760	2442	2627	2526	2584	2662	2264	2221	2301	2074	2329	29186	100

Assaults

Table 4: ED assault attendances by age group and month, April 2012 to March 2013

Age group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
0-4	***	***	***	***	***	***	***	***	***	***	***	***	7	0
5-14	6	12	7	***	5	7	10	***	***	***	***	5	69	5
15-29	60	72	83	69	70	102	72	85	78	60	57	49	857	59
30-59	49	48	39	35	44	39	43	40	43	46	33	41	500	34
60 plus	***	***	***	***	***	***	***	***	***	***	***	***	26	2
Total	118	135	133	110	125	152	129	129	127	110	94	97	1459	100

¹ Educational establishment includes: educational establishment; school other; school; school playground; and school sport. 'Public place' includes public place and playing out.

² Please note that all numbers less than five have been suppressed (with ***) in line with patient confidentiality and if there is only one number less than five in a category then two numbers will be suppressed to prevent back calculations from totals.

³ Please note percentages might not add to one hundred due to rounding.

⁴ Admitted to RPH includes: admitted to Royal Preston Hospital (RPH); admitted to the Avondale Unit. Admitted to CDGH includes: admitted; admitted to Chorley and South Ribble Hospital (CDGH); admitted to Healey/Yarrow Ward. Other includes: primary care; other; dead on arrival; sea and waterway; and died in department. HCP=Health care provider and GP=General Practitioner.

Figure 3: Number of ED assault attendances by gender and month, April 2012 to March 2013

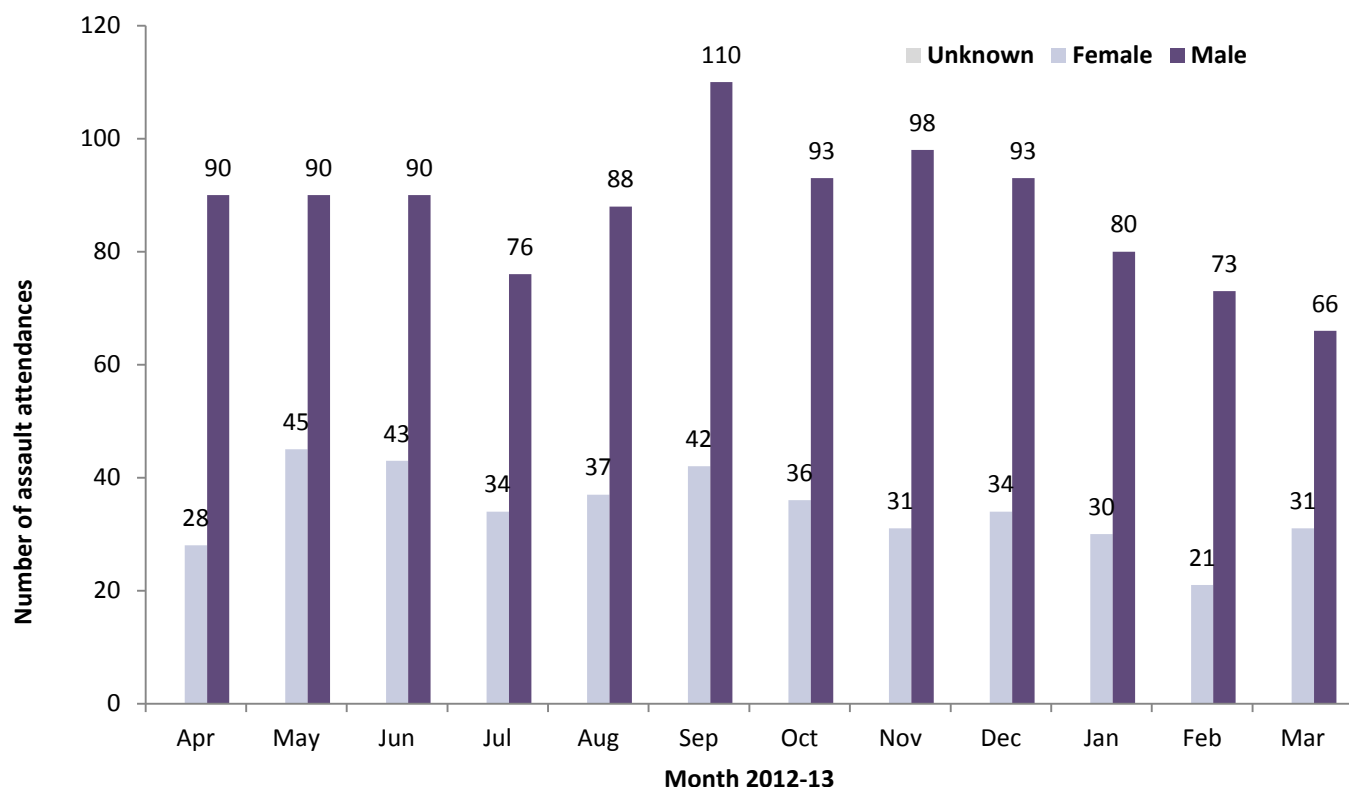


Table 5: ED assault attendances by incident location and month, April 2012 to March 2013

Location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Public place	62	69	56	45	53	58	57	57	60	42	56	38	653	45
Other	21	22	36	22	19	26	19	17	22	27	6	14	251	17
Home	19	21	24	10	24	20	24	20	16	18	9	22	227	16
Public building	***	***	***	21	15	21	10	15	15	5	12	11	130	9
Work	5	11	8	***	6	5	***	13	***	6	***	5	72	5
Other persons home	5	***	***	***	6	10	5	***	***	5	***	***	48	3
Educational establishment	***	***	***	***	***	5	***	***	***	***	***	***	30	2
Prison	***	***	***	***	***	***	***	***	***	***	***	***	21	1
Public park/playground	***	***	***	***	***	***	***	***	***	***	***	***	14	1
Holiday	***	***	***	***	***	***	***	***	***	***	***	***	5	0
Bus station	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Garden	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Hospital	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Nursery	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Special event	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Sport	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	118	135	133	110	125	152	129	129	127	110	94	97	1459	100

Table 6: ED assault attendances by discharge destination and month, April 2012 to March 2013

Discharge destination	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	48	54	59	38	49	80	61	68	69	67	57	47	697	48
Follow-up	44	59	51	45	46	47	34	31	37	28	21	27	470	32
Other	16	16	16	19	15	11	19	16	12	8	8	16	172	12
Admitted	10	6	7	8	15	14	15	14	9	7	8	7	120	8
Total	118	135	133	110	125	152	129	129	127	110	94	97	1459	100

Published April 2013

Karen Swarbrick (TIIG Researcher/Analyst)

Centre for Public Health, Liverpool John Moores University, 2nd Floor, Henry Cotton Building, Liverpool, L3 2ET

Tel: 0151 231 4498 Email: K.A.Swarbrick@ljmu.ac.uk

Website: www.tiig.info (please note data requests should be made through the website)