

Trauma and Injury Intelligence Group Biannual Bulletin

Whiston Hospital Emergency Department
April 2014 to March 2015

July 2015



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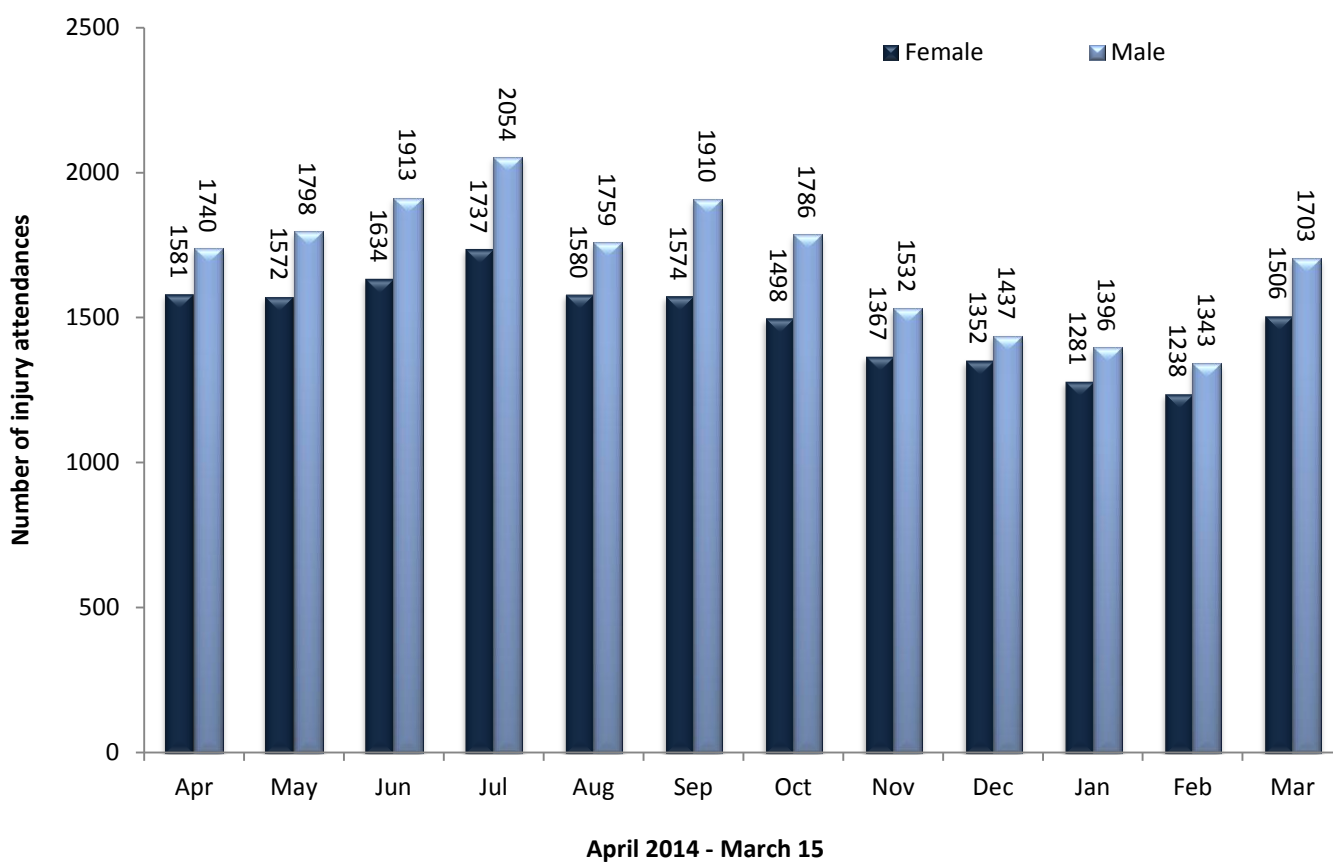
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ALL INJURY ATTENDANCES

This bulletin provides a breakdown of all injury attendances to Whiston Hospital Emergency Department (ED) between April 2014 and March 2015. During this twelve month period there were 38,293 injury attendances. The month with the highest number of attendances, calculated as a daily average, was July 2014 (122 per day), while January 2015 had the fewest (86 per day; figure 1). There were slightly more male (53%) than female injury attendances to Whiston Hospital ED (figure 1).

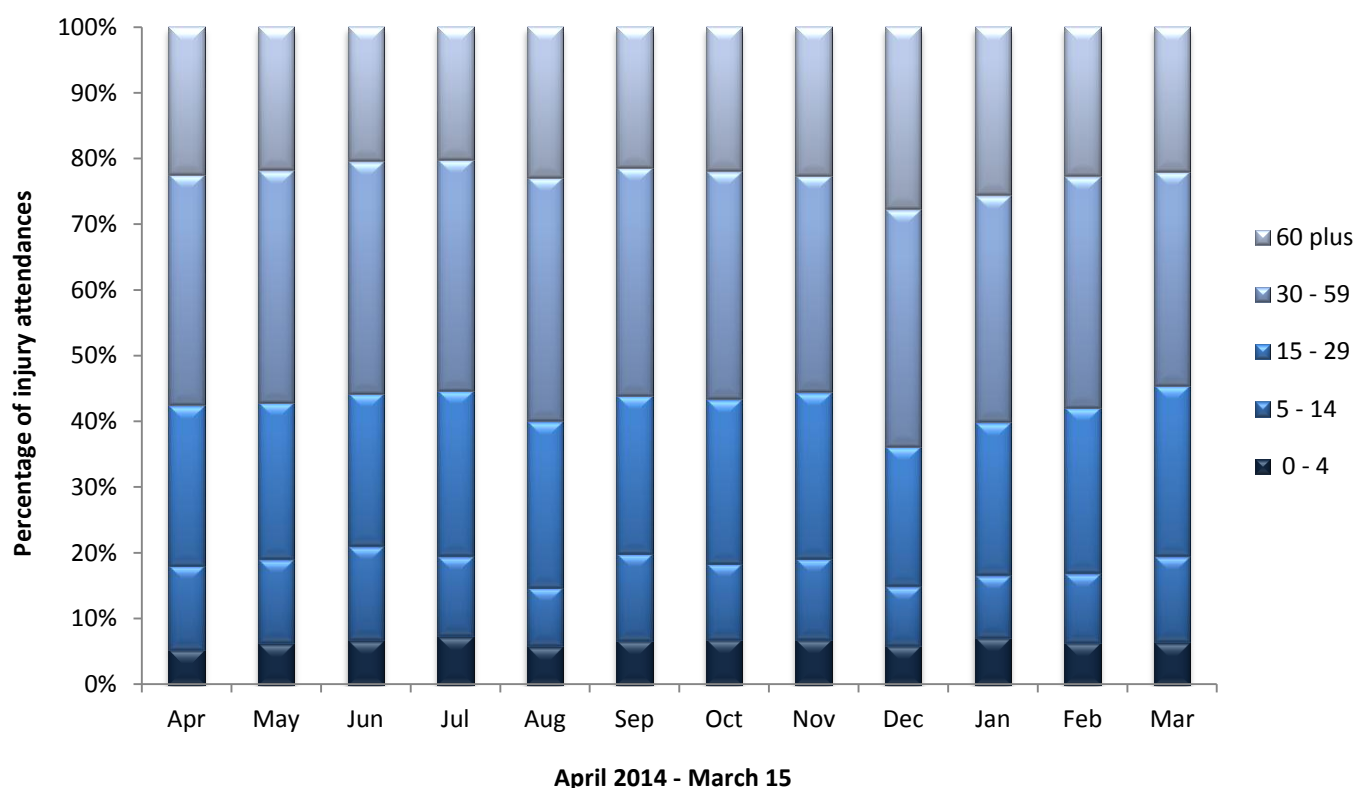
Figure 1: ED injury attendances by gender and month, April 2014 to March 2015[^]



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

Over a third (35%) of attendees were aged between 30 and 59 years and 24% were aged between 15 and 29 years (figure 2).

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



The majority (95%) of injury attendances to the ED reported their ethnicity as White British (table 1).

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

Ethnicity	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
White British	3162	3187	3388	3618	3195	3328	3129	2763	2666	2544	2449	3049	36478	95
Any Other White Background	73	80	80	96	68	68	70	67	54	62	58	81	857	2
Not Stated	41	30	33	18	16	29	25	19	18	17	24	28	298	1
Any Other Ethnic group	11	22	16	29	18	11	25	15	18	14	9	17	205	1
Asian	15	22	18	15	18	26	14	6	18	15	20	13	200	1
White Irish	7	11	***	9	<20	10	7	10	<10	12	7	9	105	0
Any Other Mixed Background	7	9	***	<10	8	8	7	11	5	8	6	7	84	0
Black	6	9	5	***	***	5	7	8	***	5	8	5	66	0
Total	3322	3370	3547	3791	3339	3485	3284	2899	2789	2677	2581	3209	38293	100

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. Percentages may not add up to 100% due to rounding.

² Other Mixed background = White and Asian, White and Black African, White and Black Caribbean; Asian = Bangladeshi, Chinese, Indian, Pakistani, Any other Asian background; Black = African, Caribbean, Any other Black background.

Table 2 displays the injury group of attendances to Whiston Hospital ED. Almost half (49%) of injury attendances were recorded as other injury, while three in ten (30%) were recorded as falls. Road traffic collisions (RTCs) and sports injuries accounted for 6% and 5% of attendances respectively.

Table 2: ED injury 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	%
Other injury	1646	1692	1791	1902	1691	1777	1681	1372	1244	1228	1237	1590	18851	49
Fall	1004	992	1043	1154	974	983	880	888	993	886	794	978	11569	30
RTC	158	200	189	185	178	176	211	183	199	175	163	173	2190	6
Sports injury	195	157	187	198	162	210	177	145	58	74	108	156	1827	5
Assault	91	121	118	110	97	99	110	101	96	91	92	87	1213	3
Burns and scalds	72	74	86	86	81	75	73	72	71	66	72	82	910	2
Ingestion	83	80	69	83	77	83	77	58	59	84	49	80	882	2
Deliberate self-harm	73	54	64	73	79	82	75	80	69	73	66	63	851	2
Total	3322	3370	3547	3791	3339	3485	3284	2899	2789	2677	2581	3209	38293	100

[§] Due to low numbers (n=5), firework injuries have been included in the other injuries category.

Table 3 displays the mode of arrival for patients presenting with injuries to Whiston Hospital ED. The majority (68%) of attendees arrived at the ED by private transport, while 23% arrived by ambulance.

Table 3: ED injury attendances by mode of arrival and month, April 2014 to March 2015¹

Mode of arrival	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Private transport	2311	2335	2488	2589	2245	2418	2213	1925	1813	1718	1664	2195	25914	68
Ambulance	700	751	759	834	793	728	702	696	702	670	632	690	8657	23
Public transport	166	166	178	212	186	181	200	161	121	158	171	192	2092	5
Walked in	83	69	70	100	71	75	86	64	70	61	73	80	902	2
Police	26	23	21	25	19	27	34	<30	48	36	23	<35	340	1
Other	<40	17	23	25	19	50	<50	22	28	28	13	20	324	1
Unknown	***	9	8	6	6	6	***	***	7	6	5	***	64	0
Total	3322	3370	3547	3791	3339	3485	3284	2899	2789	2677	2581	3209	38293	100

Table 4 displays injury attendances by source of referral. Over half (52%) of injury attendees were self-referred.

Table 4: ED injury attendances by source of referral and month, April 2014 to March 2015

Source of referral	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Self-referral	1805	1689	1783	1971	1802	1790	1631	1549	1514	1382	1384	1712	20012	52
Family member	392	465	566	518	349	496	427	358	299	361	327	471	5029	13
Emergency services	284	375	333	401	339	328	249	246	316	291	241	304	3707	10
Other referrer	292	339	336	292	361	282	382	303	273	259	236	210	3565	9
Walk-in-Centre	246	239	238	284	239	284	250	198	159	151	167	240	2695	7
Other hospital	95	86	92	107	87	80	90	75	33	46	53	52	896	2
GP	59	56	61	64	50	68	75	50	55	64	60	63	725	2
Carer	53	32	53	60	55	51	59	<55	<65	47	49	58	621	2
Police	39	28	26	32	27	<35	<50	33	45	35	28	29	396	1
Employer	32	27	<30	<45	28	48	38	27	21	24	24	43	377	1
Educational establishment	<30	<40	33	21	***	28	38	12	16	<20	<15	<30	258	1
District nurse	***	***	***	***	***	***	***	***	***	***	***	***	12	0
Total	3322	3370	3547	3791	3339	3485	3284	2899	2789	2677	2581	3209	38293	100

Table 5 displays the discharge destination of injury attendances. Just under half (47%) of attendees were discharged requiring no follow-up treatment, 22% were admitted to the hospital, 14% were discharged to a General Practitioner (GP) and 8% of patients were referred to the fracture clinic.

Table 5: ED injury attendances by discharge destination and month, April 2014 to March 2015*¹

Discharge destination	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged no follow-up	1566	1601	1777	1853	1536	1608	1551	1394	1310	1202	1203	1573	18174	47
Admissions	711	733	734	780	786	736	698	649	614	608	586	628	8263	22
Discharged to GP	412	470	434	490	468	543	470	358	352	401	374	431	5203	14
Fracture clinic	309	267	317	319	268	285	266	210	250	223	187	269	3170	8
Other	86	92	94	104	96	83	79	96	66	80	66	86	1028	3
Did not wait	95	75	83	120	71	94	82	76	90	50	46	83	965	3
ED review clinic	82	70	52	62	53	71	76	66	56	50	55	78	771	2
Sent to other hospital	22	30	25	22	27	21	17	23	16	28	25	20	276	1
Return for treatment	27	17	15	23	19	24	22	9	12	16	19	20	223	1
Discharged with ENT appointment at Whiston	11	15	15	17	15	20	18	15	17	18	19	20	200	1
Sent to GP assessment unit	***	***	***	***	***	***	<10	***	<10	***	***	***	<20	0
Physiotherapy clinic	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	3322	3370	3547	3791	3339	3485	3284	2899	2789	2677	2581	3209	38293	100

* ENT = Ear, nose and throat; GP = General Practitioner.

ASSAULT ATTENDANCES

Between April 2014 and March 2015 there were 1,213 assault attendees presenting to Whiston Hospital ED. The majority of assault attendees were male (69%). Just under half (47%) were aged between 15 to 29 years and 46% were aged between 30 and 59 years.