

Trauma and Injury Intelligence Group Biannual Bulletin

Whiston Hospital Emergency Department
October 2014 to September 2015

December 2015



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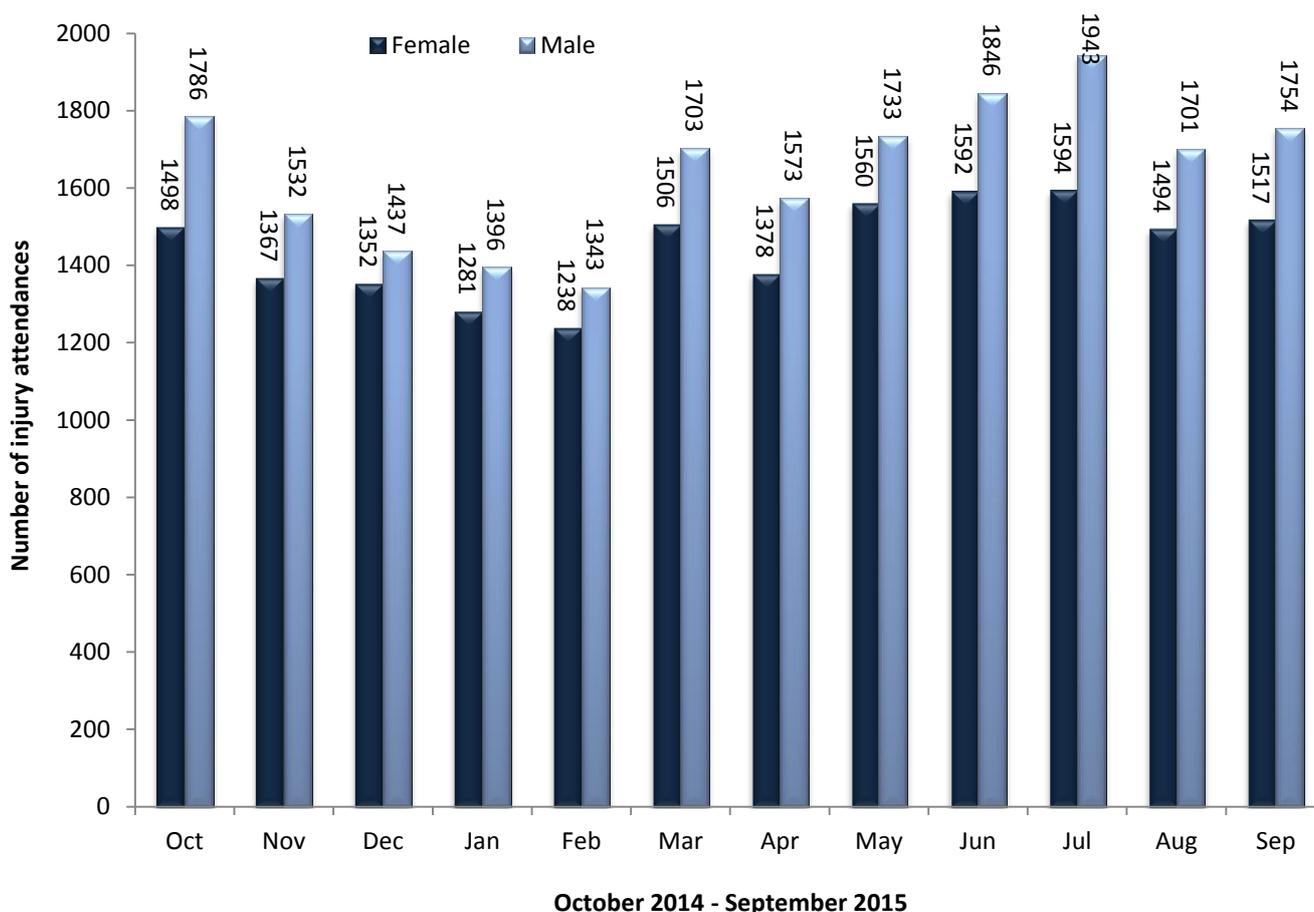
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ALL INJURY ATTENDANCES

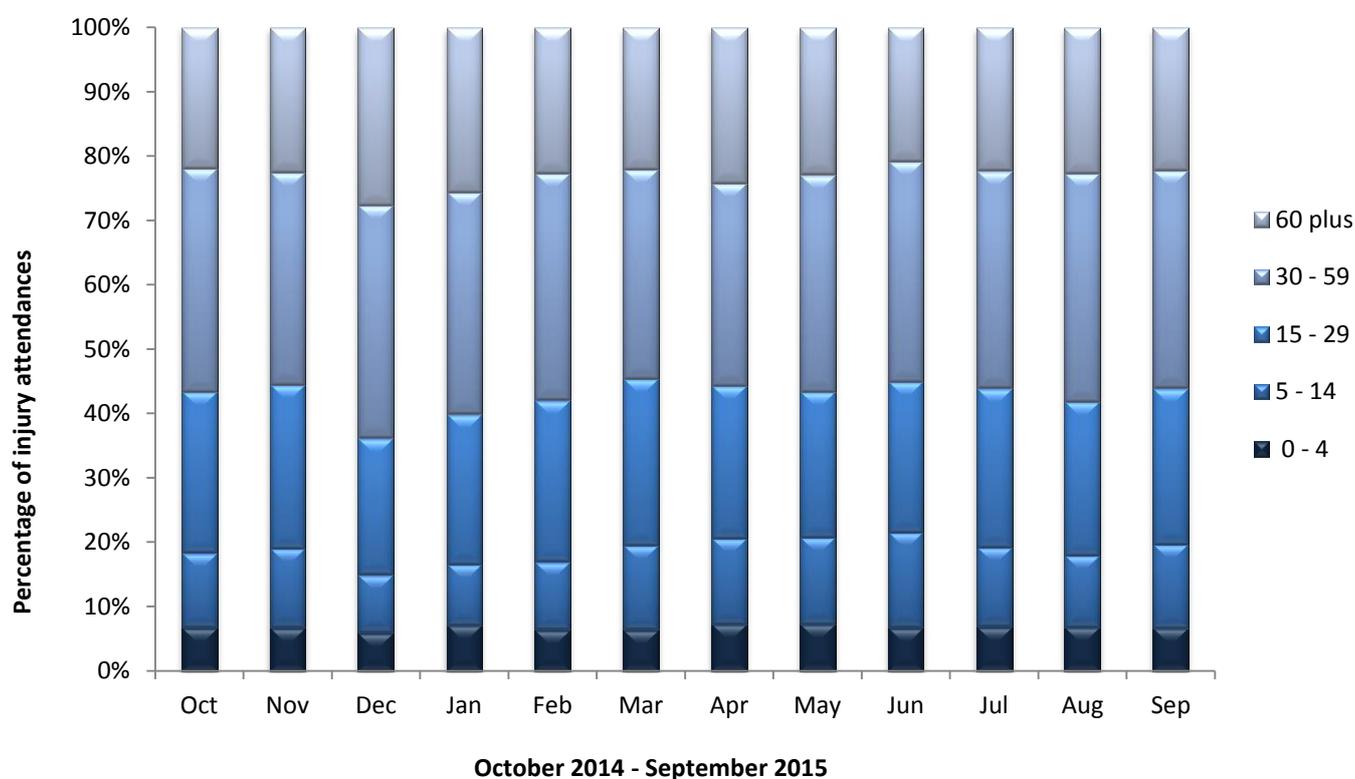
This bulletin provides a breakdown of all injury attendances to Whiston Hospital Emergency Department (ED) between October 2014 and September 2015. During this twelve month period there were 37,124 injury attendances. The month with the highest number of attendances, calculated as a daily average, was June 2015 (115 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, October 2014 to September 2015



Just over a third (34%) 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, October 2014 to September 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, October 2014 to September 2015^{1,2}

Ethnicity	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
White British	3129	2763	2666	2544	2449	3049	2831	3139	3247	3360	3047	3103	35327	95
Any Other White Background	70	67	54	62	58	81	62	69	82	79	60	63	807	2
Not Stated	25	19	18	17	24	28	21	18	21	39	25	23	278	1
Any Other Ethnic group	25	15	18	14	9	17	15	25	25	25	18	20	226	1
Asian	14	6	18	15	20	13	11	17	31	13	23	29	210	1
White Irish	7	10	<10	12	7	9	***	13	20	13	12	14	126	0
Any Other Mixed Background	7	11	5	8	6	7	***	<10	<10	<10	<10	10	87	0
Black	7	8	***	5	8	5	5	***	***	***	***	9	63	0
Total	3284	2899	2789	2677	2581	3209	2951	3293	3438	3537	3195	3271	37124	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 injuries, while just over three in ten (31%) were recorded as falls. Road traffic collisions (RTCs) and sports injuries accounted for 6% and 4% of attendances respectively.

Table 2: ED injury attendances by injury group and month, October 2014 to September 2015⁵

Injury group	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Other injury	1681	1372	1244	1228	1237	1590	1428	1595	1823	1854	1613	1688	18353	49
Fall	880	888	993	886	794	978	963	1087	978	987	988	924	11346	31
RTC	211	183	199	175	163	173	162	167	160	190	180	161	2124	6
Sports injury	177	145	58	74	108	156	141	152	145	124	131	173	1584	4
Assault	110	101	96	91	92	87	88	88	89	100	107	102	1151	3
Burns and scalds	73	72	71	66	72	82	60	70	76	95	94	89	920	2
Ingestion	77	58	59	84	49	80	94	70	82	89	61	61	864	2
Deliberate self-harm	75	80	69	73	66	63	15	64	85	98	21	73	782	2
Total	3284	2899	2789	2677	2581	3209	2951	3293	3438	3537	3195	3271	37124	100

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

Table 3 displays the mode of arrival for patients presenting with injuries to Whiston Hospital ED. The majority (67%) of attendees arrived at the ED by private transport, while 22% arrived by ambulance.

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

Mode of arrival	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Private transport	2213	1925	1813	1718	1664	2195	1997	2242	2391	2417	2155	2267	24997	67
Ambulance	702	696	702	670	632	690	657	707	718	770	650	673	8267	22
Public transport	200	161	121	158	171	192	178	225	201	189	231	207	2234	6
Walked in	86	64	70	61	73	80	84	79	77	90	96	68	928	2
Police	<35	28	48	36	23	30	<20	20	24	33	30	28	351	1
Other	46	<25	28	28	13	<25	14	<20	19	24	22	21	274	1
Unknown	***	***	7	6	5	***	***	***	8	14	11	7	73	0
Total	3284	2899	2789	2677	2581	3209	2951	3293	3438	3537	3195	3271	37124	100

Table 4 displays injury attendances by source of referral; over half (54%) of injury attendees were self-referred.

Table 4: ED injury attendances by source of referral and month, October 2014 to September 2015¹

Source of referral	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Self-referral	1631	1549	1514	1382	1384	1712	1531	1717	1809	1977	1872	1871	19949	54
Family member	427	358	299	361	327	471	478	531	558	495	398	465	5168	14
Emergency services	249	246	316	291	241	304	320	341	326	391	266	265	3556	10
Other referrer	382	303	273	259	236	210	181	218	216	183	176	199	2836	8
Walk-in-Centre	250	198	159	151	167	240	199	237	268	216	238	169	2492	7
Other hospital	90	75	33	46	53	52	73	58	73	85	90	88	816	2
GP	75	50	55	64	60	63	47	78	61	62	55	63	733	2
Carer	59	47	57	47	49	58	65	51	54	46	40	65	638	2
Police	44	33	45	35	28	29	19	20	27	36	29	32	377	1
Employer	38	27	21	24	24	43	21	28	32	31	31	39	359	1
Educational establishment	<40	<15	<20	<20	<15	<30	<20	14	<15	15	0	<15	189	1
District nurse	***	***	***	***	***	***	***	0	***	0	0	***	11	0
Total	3284	2899	2789	2677	2581	3209	2951	3293	3438	3537	3195	3271	37124	100

Table 5 displays the discharge destination of injury attendances. Just under half (47%) of attendees were discharged requiring no follow-up treatment, 21% were admitted to the hospital, 14% were discharged to a General Practitioner (GP) and 9% of patients were referred to the fracture clinic.

Table 5: ED injury 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	1551	1394	1310	1202	1203	1573	1417	1573	1717	1627	1441	1542	17550	47
Admissions	698	649	614	608	586	628	628	629	656	727	616	628	7667	21
Discharged to GP	470	358	352	401	374	431	400	512	384	509	508	507	5206	14
Fracture clinic	266	210	250	223	187	269	268	315	367	338	324	288	3305	9
Other	79	96	66	80	66	86	77	88	94	88	91	90	1001	3
Did not wait	82	76	90	50	46	83	48	56	72	96	71	94	864	2
ED review clinic	76	66	56	50	55	78	61	50	82	81	74	62	791	2
Sent to other hospital	17	23	16	28	25	20	17	28	25	23	23	23	268	1
Discharged with ENT appointment at Whiston	18	15	17	18	19	20	21	15	25	26	26	16	236	1
Return for treatment	22	<10	12	<20	<20	<25	14	<30	16	17	<20	<20	208	1
Sent to GP assessment unit	5	***	6	***	***	***	0	0	0	0	0	0	17	0
Physiotherapy clinic	0	0	0	0	0	0	0	***	0	5	***	***	11	0
Total	3284	2899	2789	2677	2581	3209	2951	3293	3438	3537	3195	3271	37124	100

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

ASSAULT ATTENDANCES

Between October 2014 and September 2015 there were 1,151 assault attendees presenting to Whiston Hospital ED. The majority of assault attendees were male (68%). Just under half (47%) were aged between 15 to 29 years and 45% were aged between 30 and 59 years.

