



TIIG

INJURY SURVEILLANCE IN THE NORTH WEST OF ENGLAND

Whiston Hospital Emergency Department Monthly Bulletin: July 2013 to June 2014

This bulletin provides a breakdown of all injury attendances at Whiston Hospital Emergency Department (ED) between July 2013¹ and June 2014. There were a total of 39,973 injury attendances in this period, which was an average of 110 attendances per day. The peak month for attendances was July, averaging 160² attendances per day (n=4,972). December averaged the least number of injury attendances, 90 per day (n=2,789).

For all months there were slightly more male (53%) injury attendances presenting at Whiston ED (**Figure 1**). Over a third (35%) of injury attendances comprised people aged 30 to 59 years and 26% of people aged 15 to 29 (**Figure 2**). The majority (95%) of injury attendances to Whiston ED stated their ethnicity as White British (**Table 1**).

Table 2 displays the mode of arrival for patients presenting with injuries. The primary mode of arrival for injury attendances was private transport (66%). Ambulances were used in 24% of arrivals.

Table 3 displays injury attendances by source of referral. Over half (53%) of injury attendances were self-referrals.

Table 4 displays the injury group of attendances. More than half (51%) of injury attendances were recorded as other injury, 29% were recorded as falls and 6% were recorded as road traffic collisions (RTC).

Between July 2013 and June 2014 there were 1,499 assault attendees presenting at Whiston ED. Assault attendees were mainly male (71%). Almost half (48%) of assault attendees were aged 15 to 29 and 42% were aged 30 to 59.

Table 5 displays the discharge destination of injury attendances; 48% of attendees were discharged requiring no follow-up treatment, 23% were admitted to the hospital, 12% were discharged to a General Practitioner (GP) and 8% of patients were referred to a fracture clinic.

¹ Please note: In August 2013, Whiston ED made changes to their IT system. This resulted in a number of alterations to the way in which data was recorded and classified. As a result, data collected pre August 2013, may not appear consistent with post July 2013 data.

² The change in IT from August 2013 may account for an elevated result, compared to the second-highest average of 118 attendances per day in June 2014.

Figure 1: Gender of injury attendances by month, July 2013 to June 2014³

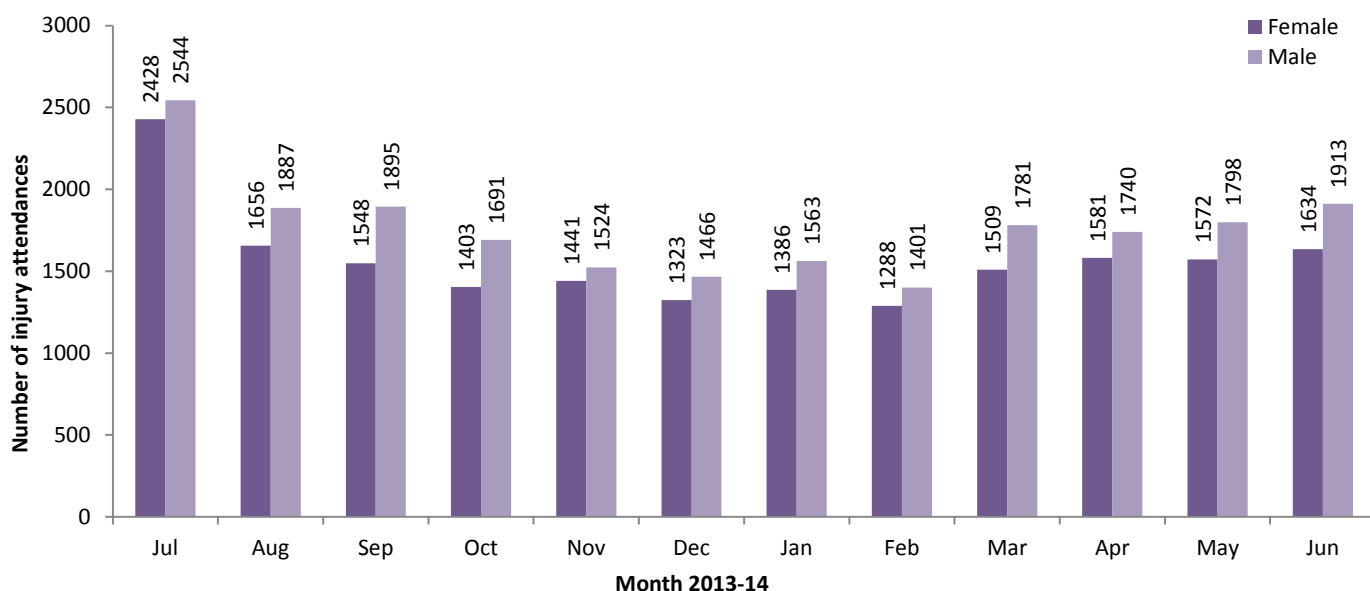


Figure 2: Age group of injury attendances by month, July 2013 to June 2014³

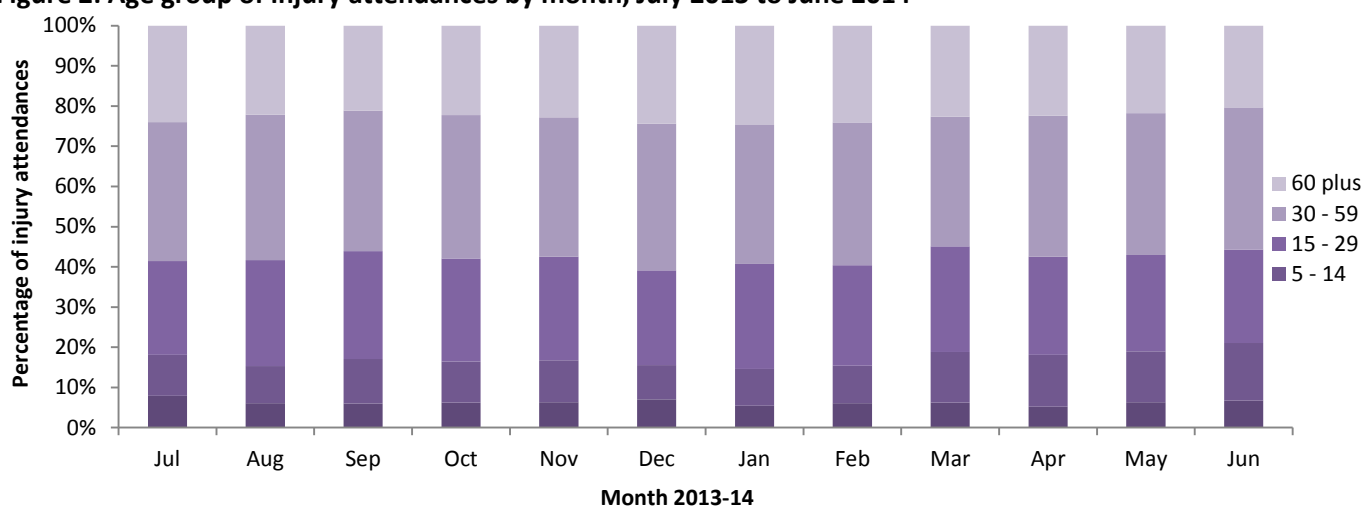


Table 1: Ethnicity of injury attendances, July 2013 to June 2014^{3 4 * ^}

Ethnicity	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
White British	4762	3407	3288	2945	2826	2652	2797	2570	3152	3162	3187	3388	38136	95
Other White background	n/a	58	75	44	56	44	53	47	48	65	70	67	627	2
Not stated	12	9	23	47	24	41	33	26	35	41	29	33	353	1
Other ethnic group	32	16	14	18	16	17	16	12	14	11	23	16	205	1
Asian	36	16	18	20	15	12	10	11	11	15	22	18	204	1
Black	109	9	6	<10	5	8	6	***	***	6	9	<10	176	0
Other Mixed background	n/a	17	11	10	10	10	18	12	21	15	19	16	159	0
White Irish	n/a	11	8	***	13	5	16	<10	<10	7	11	***	92	0
Blank	21	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	21	0
Total	4972	3543	3443	3094	2965	2789	2949	2689	3290	3322	3370	3547	39973	100

*Please note: data collection changes in August 2013; fields not collected are represented by 'n/a'.

^ Please Note: Due to small numbers, the following fields were combined: **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.

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⁴ Please note that all numbers less than five have been suppressed in line with patient confidentiality and if there is only one number less than five in a category then two numbers will be suppressed at the next level in order to prevent back calculations from totals.

Table 2: Injury attendances by mode of arrival, July 2013 to June 2014^{5 6}

Mode of arrival	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Private transport	3148	2343	2348	1969	1899	1804	1880	1751	2215	2311	2335	2488	26491	66
Ambulance	1332	844	747	739	734	727	760	676	767	700	751	759	9536	24
Public transport	304	221	206	235	188	142	176	151	177	166	166	178	2310	6
Walked in	112	80	85	82	83	54	62	61	75	83	69	70	916	2
Police	26	35	36	35	18	32	31	26	18	26	23	21	327	1
Other	<50	<20	10	24	28	19	28	15	24	<35	17	23	289	1
Unknown	***	***	11	10	15	11	12	9	14	***	9	8	104	0
Total	4972	3543	3443	3094	2965	2789	2949	2689	3290	3322	3370	3547	39973	100

Table 3: Source of referral for injury attendances, July 2013 to June 2014^{5 6 7}

Source of referral	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Self-referral	3265	1864	1776	1614	1470	1508	1466	1383	1581	1805	1689	1783	21204	53
Family member	585	465	527	411	384	338	341	290	463	392	465	566	5227	13
Emergency services	243	425	358	291	278	271	353	305	367	284	375	333	3883	10
Other referrer	160	201	206	253	347	290	348	311	325	292	339	336	3408	9
Walk-in-Centre	106	254	275	215	207	168	204	174	237	246	239	238	2563	6
GP	477	66	68	80	76	50	65	47	60	59	56	61	1165	3
Other hospital	60	132	98	96	90	64	53	62	91	95	86	92	1019	3
Carer	34	53	46	43	42	35	35	49	55	53	32	53	530	1
Police	21	46	42	53	27	37	35	32	23	39	28	26	409	1
Employer	14	27	30	16	16	17	14	19	56	32	27	25	293	1
Educational establishment	<10	<10	<20	<20	<30	<15	<35	<20	<35	<30	<35	<35	260	1
District nurse	***	***	***	***	***	***	***	***	***	***	***	***	<15	0
Primary care	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	4972	3543	3443	3094	2965	2789	2949	2689	3290	3322	3370	3547	39973	100

Table 4: Injury attendances by injury group, July 2013 to June 2014⁶

Injury group	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Other injury	3533	1702	1620	1431	1458	1278	1348	1294	1576	1646	1692	1791	20369	51
Fall	689	1109	1090	981	912	916	987	840	1005	1004	992	1043	11568	29
RTC	334	189	171	154	175	165	180	164	180	158	200	189	2259	6
Sports injury	62	141	207	177	106	72	111	116	204	195	157	187	1735	4
Assault	167	158	146	142	109	139	116	97	95	91	121	118	1499	4
Ingestion	46	100	83	86	74	74	77	66	95	83	80	69	933	2
Burns and scalds	95	82	54	59	69	81	76	58	74	72	74	86	880	2
Deliberate self-harm	46	62	72	64	62	64	54	54	61	73	54	64	730	2
Total	4972	3543	3443	3094	2965	2789	2949	2689	3290	3322	3370	3547	39973	100

[^]Due to low numbers and patient confidentiality firework injuries have been categorised under other injury (n=5).

⁵ Please note that all numbers less than five have been suppressed in line with patient confidentiality and if there is only one number less than five in a category then two numbers will be suppressed at the next level in order to prevent back calculations from totals.

⁶ Please note: In August 2013, Whiston ED made changes to their IT system. This resulted in a number of alterations to the way in which data was recorded and classified. As a result, data collected pre August 2013, may not appear consistent with post July 2013 data.

⁷ Please note: Due to rounding, some totals may not total 100%

Table 5: Discharge destination of injury attendances, July 2013 to June 2014^{8 9 10}

Discharge	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Discharged no follow-up	2511	1876	1751	1417	1348	1293	1395	1202	1495	1566	1601	1777	19232	48
Admissions	1344	823	725	674	710	656	667	612	704	711	733	734	9093	23
Discharged to GP	421	255	368	434	407	356	404	408	538	412	470	434	4907	12
Fracture clinic	286	252	282	264	197	216	207	211	265	309	267	317	3073	8
Did not wait	148	94	100	114	88	79	58	70	78	95	75	83	1082	3
Other	109	127	82	65	79	73	72	69	83	80	90	92	1021	3
ED review clinic	48	35	59	66	68	56	73	63	84	82	70	52	756	2
Sent to other hospital	26	28	24	21	25	20	29	32	22	22	30	25	304	1
Return for treatment	35	38	31	18	21	19	22	12	10	27	17	15	265	1
Discharged to ENT clinic	22	8	<20	<20	<25	16	<20	<10	<10	11	<20	<20	171	0
Outpatient clinic	<20	<10	***	***	***	<10	***	***	***	<10	***	***	57	0
Sent to GP assessment unit	***	***	***	***	***	***	***	***	***	***	***	***	6	0
Physiotherapy clinic	***	***	***	***	***	***	***	***	***	***	***	***	6	0
Total	4972	3543	3443	3094	2965	2789	2949	2689	3290	3322	3370	3547	39973	100

ENT = Ear, nose and throat.

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