

Whiston Hospital Emergency Department Monthly Bulletin: April 2009 to March 2010

This bulletin provides a breakdown of all injury attendances at Whiston Hospital Emergency Department (ED) between April 2009 and March 2010. Injury attendance peaked in June (n=5,035), with February (n=3,602) having the least number of injury attendances.

For all months there were slightly more male (52%) injury attendances than female presenting at Whiston Hospital ED (**Figure 1**) and over a third (34%) of injury attendances were made by people aged 30 - 59 years and 27% by people aged 60 and over (**Figure 2**). The majority (96%) of injury attendances to Whiston ED stated their ethnicity as white (**Table 1**).

Table 2 illustrates the mode of arrival for patients presenting with injuries. The primary mode of arrival for injury attendances was private transport (59%).

Table 3 presents injury attendances by source of referral. More than six in ten (63%) injury attendances self-referred.

Table 4 details the injury group of injury attendances. The majority of injury attendances were classified as other injury (72%). Of those attendances where an injury group was specified 46% were falls and 26% were road traffic collisions (RTCs). Assault attendees presenting at the Whiston ED between April 2009 and March 2010 were mainly male (58%) and 35% were aged between 15 and 29 years.

Table 5 shows the discharge destination of injury attendances; over a four in ten (41%) attendees were discharged requiring no follow-up treatment.

Figure 1: Gender of injury attendances by month, April 2009 to March 2010

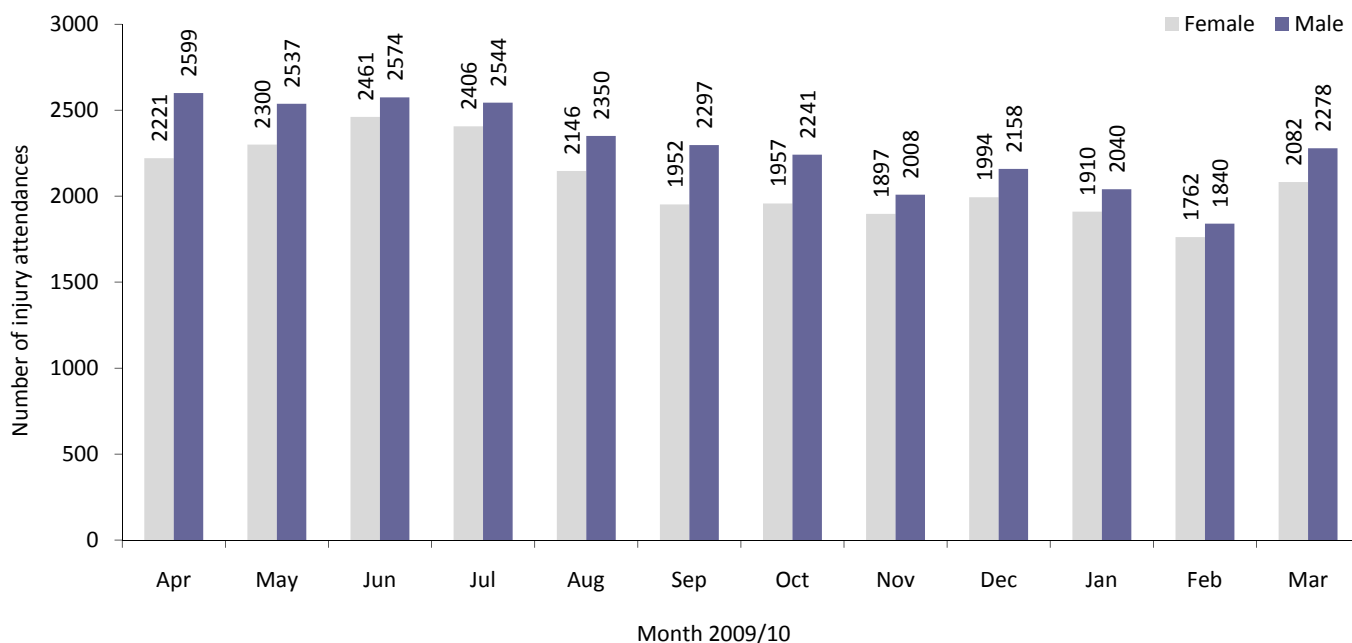


Figure 2: Age group of injury attendances by month, April 2009 to March 2010

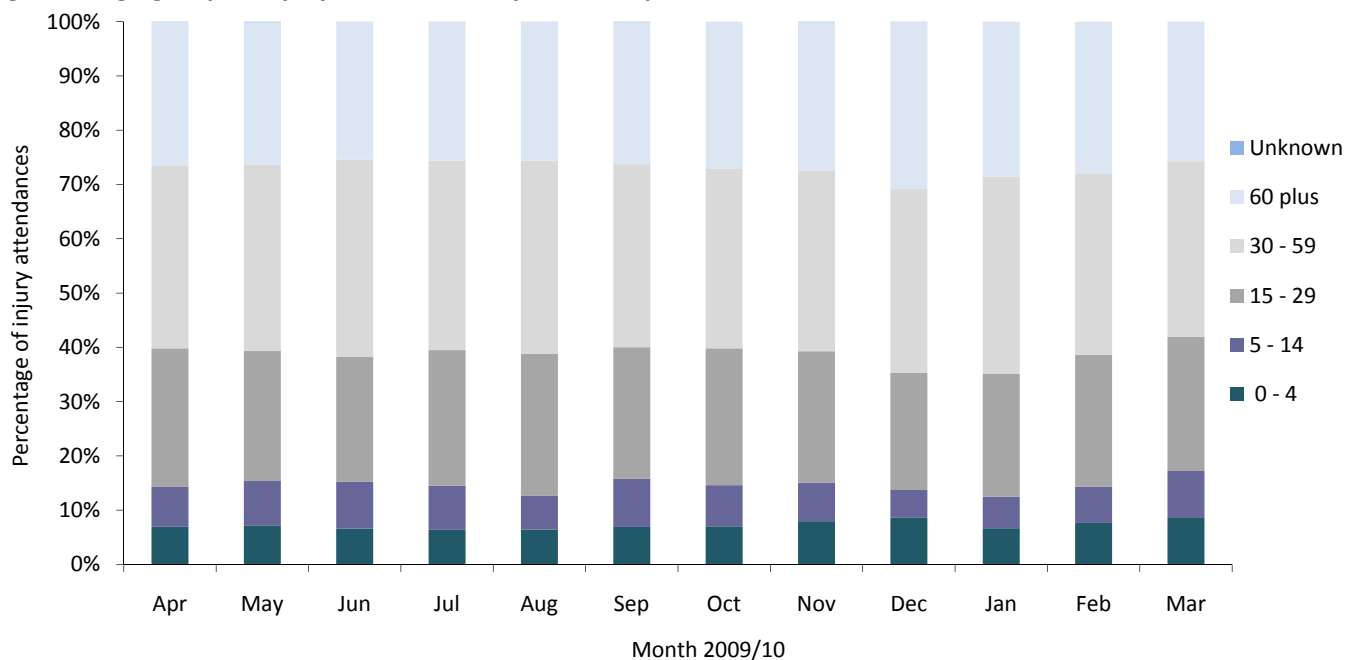


Table 1: Ethnicity of all injury attendees, April 2009 to March 2010¹

Ethnicity	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
White	4613	4651	4811	4754	4318	4086	4013	3768	4001	3786	3459	4205	50465	96
Black African	77	84	95	68	67	83	75	61	76	60	67	69	882	2
Other	38	34	43	36	25	31	38	18	15	33	24	23	358	1
Chinese	25	17	22	21	18	13	12	13	19	13	11	19	203	0
Unknown	17	20	18	15	18	9	17	9	***	16	17	10	170	0
Black Caribbean	16	16	13	21	9	7	18	9	9	17	5	9	149	0
Not stated	14	11	15	15	22	5	8	10	10	9	***	11	134	0
Bangladeshi	7	***	7	5	9	6	***	6	***	7	***	7	64	0
Other Asian background	***	***	***	***	***	***	***	***	5	***	9	***	41	0
Black other	***	***	***	***	***	***	***	***	6	***	***	***	30	0
Indian	***	***	***	***	***	***	***	***	***	***	***	***	20	0
Pakistani	***	***	***	***	***	***	***	***	***	***	***	***	20	0
Asian Bangladeshi	***	***	***	***	***	***	***	***	***	***	***	***	18	0
Total	4820	4837	5035	4950	4496	4249	4198	3905	4152	3950	3602	4360	52554	100

Table 2: Injury attendances by mode of arrival, April 2009 to March 2010

Mode of arrival	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Private transport	2835	2822	3019	2982	2704	2498	2433	2305	2291	2280	2131	2637	30937	59
Ambulance	1616	1706	1670	1664	1457	1445	1435	1330	1547	1411	1242	1388	17911	34
Public transport	219	171	205	161	172	180	196	148	181	139	133	199	2104	4
Walked in	92	84	89	92	108	68	79	59	73	68	56	86	954	2
Police	21	29	20	22	29	29	22	24	27	23	22	21	289	1
Other	22	15	14	15	13	15	22	18	23	21	15	19	212	0
Unknown	15	10	18	14	13	14	11	21	10	8	3	10	147	0
Total	4820	4837	5035	4950	4496	4249	4198	3905	4152	3950	3602	4360	52554	100

¹ *** 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 (e.g. <6) in order to prevent back calculations from totals.

Table 3: Source of referral for injury attendances, April 2009 to March 2010

Source of referral	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Self-referral	2780	2780	2909	3125	3022	2724	2701	2559	2911	2524	2322	2799	33156	63
GP	632	656	728	726	501	535	561	460	325	556	425	521	6626	13
Family member	659	662	674	514	484	500	432	422	381	435	425	540	6128	12
Emergency services	355	389	365	155	99	102	103	94	160	98	123	126	2169	4
Other referrer	83	58	73	145	128	120	127	145	140	129	101	132	1381	3
Walk-in-centre	131	128	127	106	111	125	120	98	101	91	96	115	1349	3
Other hospital	75	82	66	73	47	56	48	50	52	42	33	41	665	1
Carer	36	36	25	53	42	34	47	35	33	34	27	36	438	1
Educational establishment	22	15	23	8	18	17	20	15	13	19	16	14	200	0
Employer	21	7	17	16	23	15	19	13	13	11	15	16	186	0
Police	22	15	18	20	14	13	18	12	15	9	12	9	177	0
District nurse	***	***	***	***	5	***	***	***	***	***	***	***	31	0
Unknown	***	***	***	***	***	***	***	***	5	***	***	7	26	0
Primary care	***	***	5	***	***	***	***	***	***	***	***	***	22	0
Total	4820	4837	5035	4950	4496	4249	4198	3905	4152	3950	3602	4360	52554	100

Table 4: Injury attendances by injury group, April 2009 to March 2010ⁱ

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other injury	3452	3460	3695	3653	3337	3105	3077	2801	2722	2881	2602	3225	38010	72
Fall	622	699	619	576	539	500	458	483	809	499	434	502	6740	13
RTC	359	290	325	308	288	297	340	333	349	274	303	342	3808	7
Assault	146	134	143	148	136	116	125	93	132	98	82	86	1439	3
Burns and scalds	87	100	101	102	82	72	80	78	76	70	58	76	982	2
Sports injury	87	75	75	85	59	101	68	69	17	77	73	76	862	2
Ingestion	38	34	47	47	27	28	29	24	31	24	28	21	378	1
Deliberate self-harm	29	45	30	31	28	30	21	24	16	27	22	32	335	1
Total	4820	4837	5035	4950	4496	4249	4198	3905	4152	3950	3602	4360	52554	100

Table 5: Discharge destination of all injury attendees, April 2009 to March 2010

Discharge	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged no follow-up	1813	1922	2073	2030	1877	1682	1701	1623	1667	1676	1571	1933	21568	41
Admissions	1018	1033	1095	1142	990	847	851	824	848	752	841	1521	11762	22
Emergency admissions unit	887	852	816	787	673	788	782	712	737	710	460	***	8204	16
Discharged to GP	310	284	283	250	284	258	210	182	177	242	203	286	2969	6
Did not wait	246	222	232	221	161	201	174	158	205	90	109	171	2190	4
Fracture clinic	198	185	175	207	181	164	190	132	217	190	168	166	2173	4
Other	103	96	103	97	93	106	98	93	110	82	96	84	1161	2
Physiotherapy clinic	76	67	75	64	76	55	49	49	37	45	36	47	676	1
ED review clinic	57	61	54	54	55	59	51	47	32	53	42	53	618	1
Sent to other hospital	33	43	37	31	29	18	29	31	40	26	25	31	373	1
Discharged with ear/nose/throat appointment at Whiston	30	29	29	28	35	15	21	18	23	26	15	22	291	1
Return for treatment	23	16	32	25	19	24	19	15	33	26	20	22	274	1
Outpatient clinic	22	23	25	12	20	19	19	19	19	24	15	23	240	0
Sent to GP assessment unit	***	***	6	***	***	13	***	***	5	6	***	***	45	0
Discharged - return to ED GP clinic	***	***	***	***	***	***	***	***	***	***	***	***	10	0
Total	4820	4837	5035	4950	4496	4249	4198	3905	4152	3950	3602	4360	52554	100

Published September 2010

Johnathan Rooney (TIIG Project Officer)

Centre for Public Health, Liverpool John Moores University, 3rd Floor, Henry Cotton Campus, 15-21 Webster Street, Liverpool, L3 2ET

Tel: 0151 231 4513 Email: d.j.hungerford@ljmu.ac.uk

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

ⁱ Due to low numbers and patient confidentiality firework injuries have been categorised under other injury.