



Whiston Accident and Emergency department Monthly bulletin: October 2005 to September 2006

This bulletin provides a breakdown of all trauma¹ attendances at Whiston Accident and Emergency (A&E) department between October 2005 and September 2006. More detailed analyses will be provided in TIIG themed reports, which will include information on all data providers.

Figure 1 illustrates the number of trauma attendances by month of attendance. February had the lowest number of trauma attendances at 3,706, with July having the highest, at 4,938.

Figure 1: Total number of trauma attendances by month, October 2005 to September 2006

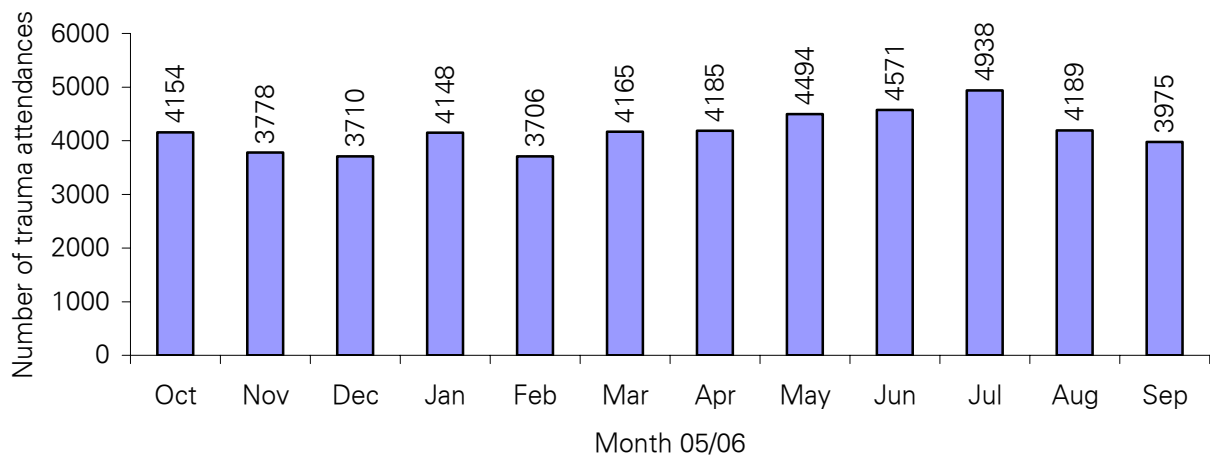
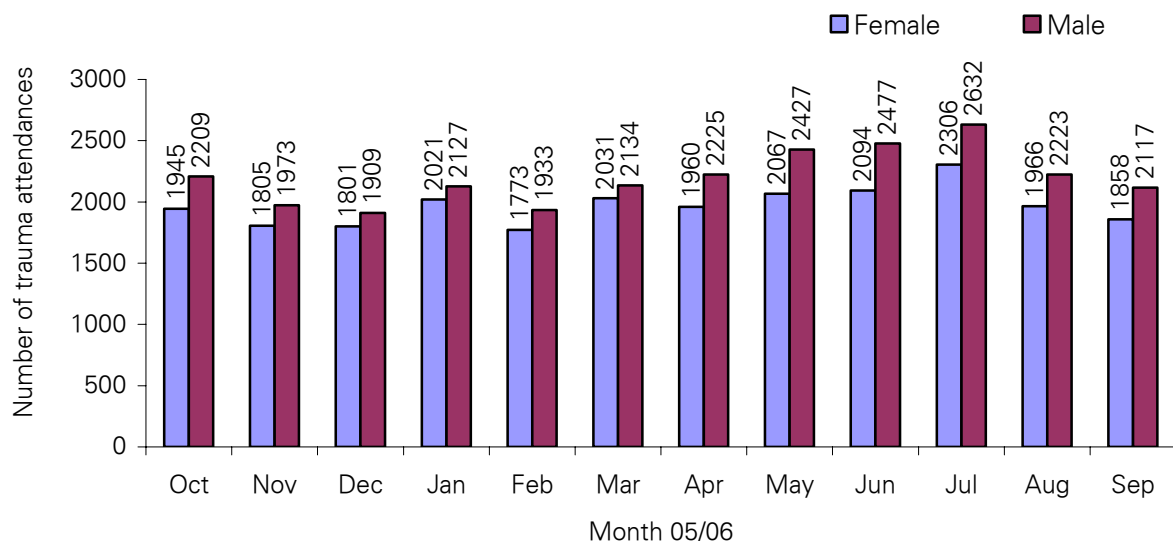


Figure 2 shows trauma attendances by gender. For all months there were more male trauma attendances than female.

Figure 2: Gender of trauma attendances by month, October 2005 to September 2006



¹Trauma refers to any A&E attendance that was made as a result of an accident or intentional/unintentional injury.

Figure 3 illustrates age group of trauma attendances. For all months, the majority of trauma attendances were over the age of 14 years. This may be due to the close proximity of a local children's A&E department (Alder Hey).

Figure 3: Age group of trauma attendances by month, October 2005 to September 2006

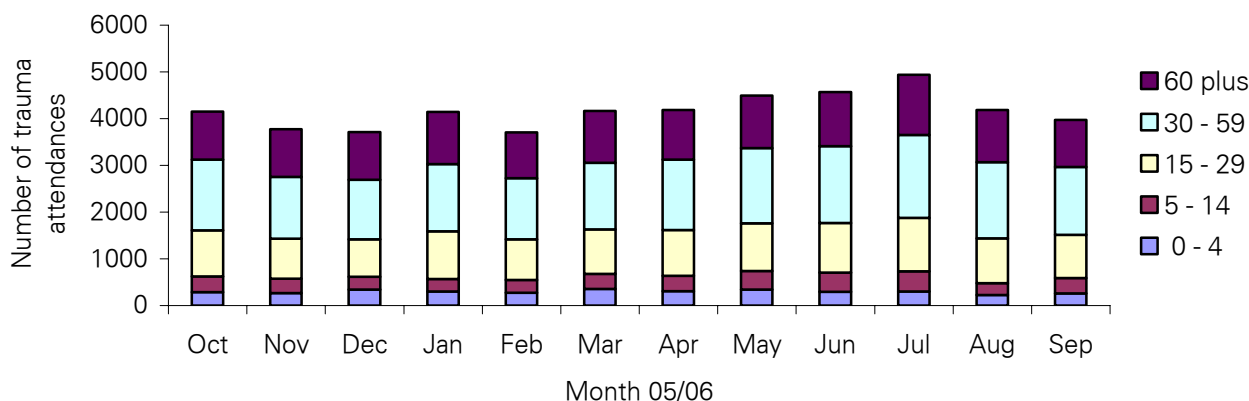


Table 1 details injury group of trauma attendances. Over half (57%) of trauma attendances were classed as 'other injury'. A further 14% were classed as a fall, whilst 11% were classed as a minor injury.

Table 1: Trauma attendances by injury group, October 2005 to September 2006

Injury group	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Other Injury	2007	1970	1953	2445	2177	2463	2353	2553	2691	3081	2571	2275	28539	57
Fall	595	550	574	495	499	541	577	620	623	700	568	588	6930	14
Minor injury	632	477	443	464	364	437	528	584	588	463	362	374	5716	11
RTA	329	287	226	236	222	207	217	251	190	212	245	211	2833	6
Assault	146	112	180	144	119	145	142	155	141	126	126	144	1680	3
Sports	166	136	74	132	100	134	153	96	114	101	96	186	1488	3
Foreign Body	73	64	52	55	49	57	56	60	75	71	50	53	715	1
Burns & Scalds	70	66	78	65	44	44	51	53	55	68	61	47	702	1
Ingestion	64	55	65	56	57	74	65	53	41	58	49	48	685	1
Head Injury	43	39	51	41	57	50	32	41	44	40	37	32	507	1
Deliberate Self-Harm	23	21	14	13	17	13	11	27	9	18	24	17	207	0
Firework	6	1	0	2	1	0	0	1	0	0	0	0	11	0
Total	4154	3778	3710	4148	3706	4165	4185	4494	4571	4938	4189	3975	50013	100

Six in ten (62%) trauma attendances arrived at A&E via private transport. A third (32%) arrived via an ambulance.

Table 2: Trauma attendances by arrival mode, October 2005 to September 2006

Mode of arrival	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Private Transport	2598	2264	2283	2471	2274	2568	2611	2873	2843	3105	2437	2466	30793	62
Ambulance	1342	1272	1253	1426	1203	1365	1326	1384	1432	1522	1425	1257	16207	32
Public Transport	113	145	109	172	145	142	157	124	186	189	209	162	1853	4
Walked In	72	67	44	52	57	63	61	78	73	81	81	52	781	2
Police	14	16	8	14	16	19	15	18	18	17	20	16	191	0
Other	12	10	7	11	10	8	9	13	15	16	8	13	132	0
Unknown	3	4	6	2	1	0	6	4	4	8	9	9	56	0
Total	4154	3778	3710	4148	3706	4165	4185	4494	4571	4938	4189	3975	50013	100

Six in ten (62%) trauma attendances self referred to A&E, whilst a parent referred 14%.

Table 3: Trauma attendances by referral mode, October 2005 to September 2006

Referrer	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Self Referral	2643	2319	2384	2577	2290	2487	2521	2737	2927	3097	2738	2464	31184	62
Parents	593	454	370	529	493	605	612	671	687	664	515	588	6781	14
GP	210	357	314	404	302	406	397	363	284	371	391	362	4161	8
Emergency Services	283	269	345	257	266	300	339	311	324	275	284	230	3483	7
From GP Surgery	12	69	50	125	115	133	77	178	76	76	16	36	963	2
Walk in Centre	169	93	72	71	47	57	65	55	79	86	60	63	917	2
Other Hospital	80	63	65	56	64	52	68	74	64	59	52	57	754	2
Other Referrer	61	55	33	36	38	34	38	29	34	23	9	18	408	1
Grandparents	17	21	11	23	31	26	20	16	24	27	20	27	263	1
School Nurse	1	4	4	2	3	2	0	4	1	126	14	32	193	0
Employer	26	23	10	18	10	13	8	4	9	22	11	15	169	0
Police	18	8	14	14	9	12	13	15	18	12	15	8	156	0
Carer	10	11	6	9	14	10	8	6	14	26	13	19	146	0
A&E	16	10	20	6	7	8	4	8	6	12	4	5	106	0
Other	0	0	0	0	0	0	0	0	0	27	32	25	84	0
Primary Care	4	6	8	5	4	8	5	7	6	3	8	4	68	0
Teacher	4	6	1	6	8	7	6	6	10	1	0	8	63	0
Guardian	2	5	0	5	3	1	3	8	5	7	1	1	41	0
Educational Establishment	0	0	0	0	0	0	0	0	0	9	1	7	17	0
District Nurse	0	1	0	0	1	3	0	1	1	3	1	2	13	0
Social Services	2	0	1	0	0	1	0	0	2	3	0	2	11	0
General Dental Practitioner	0	0	0	0	0	0	0	0	0	6	1	0	7	0
Optician	0	2	1	1	0	0	0	0	0	3	0	0	7	0
Consultant	3	2	0	0	0	0	0	1	0	0	0	0	6	0
Health Visitor	0	0	0	2	1	0	1	0	0	0	1	0	5	0
Locum GP	0	0	0	1	0	0	0	0	0	0	0	1	2	0
Occupational Therapist	0	0	0	0	0	0	0	0	0	0	1	1	2	0
Speech Therapist	0	0	1	0	0	0	0	0	0	0	1	0	2	0
Midwife	0	0	0	1	0	0	0	0	0	0	0	0	1	0
Total	4154	3778	3710	4148	3706	4165	4185	4494	4571	4938	4189	3975	50013	100

The ethnicity of the majority (95%) of trauma attendances to Whiston A&E department was white.

Table 4: Trauma attendances by ethnicity, October 2005 to September 2006

Ethnicity	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
White	3968	3602	3547	3963	3530	3969	3997	4300	4379	4722	3996	3787	47760	95
Black African	69	77	70	75	77	94	90	92	87	100	89	89	1009	2
Other	19	23	27	22	28	23	38	31	27	27	25	30	320	1
Unknown	25	18	13	19	15	19	12	22	15	23	18	8	207	0
Black Caribbean	12	19	15	17	23	20	11	13	17	28	17	13	205	0
Not stated	26	15	15	23	15	10	16	14	9	14	11	18	186	0
Chinese	15	10	10	15	8	14	13	8	18	11	19	15	156	0
Bangladeshi	10	6	3	6	6	8	3	5	5	4	5	4	65	0
Any Other Asian Background	6	4	3	3	1	2	3	3	4	3	5	4	41	0
Black Other	1	3	2	2	0	3	0	2	4	3	1	2	23	0
Pakistani	2	0	2	2	3	0	2	0	2	2	1	3	19	0
Indian	0	0	3	0	0	2	0	4	2	1	2	1	15	0
Asian Bangladeshi	1	1	0	1	0	1	0	0	2	0	0	1	7	0
Total	4154	3778	3710	4148	3706	4165	4185	4494	4571	4938	4189	3975	50013	100

Table 5 details the discharge method of trauma attendances to Whiston A&E department. A third (33%) were discharged with no follow and just over a fifth (22%) were admitted straight to hospital for further treatment.

Table 5: Discharge method of trauma attendances, October 2005 to September 2006

Discharge	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	Total %
Discharged no follow up	1147	1054	1082	1198	1264	1370	1412	1661	1753	1768	1396	1415	16520	33
Admissions	900	867	868	931	778	853	832	1002	984	899	1046	952	10912	22
Emergency Admissions Unit	761	677	691	855	708	808	827	733	681	926	741	695	9103	18
Discharged to GP	537	470	384	442	311	373	279	392	309	394	346	288	4525	9
Fracture Clinic	132	111	105	106	105	125	158	141	164	214	139	144	1644	3
Did not wait	160	114	145	128	96	131	175	103	124	214	111	91	1592	3
Sent to GP Assessment Unit	96	150	106	112	100	108	112	103	115	83	77	79	1241	2
Other	118	92	91	90	85	88	79	90	129	111	103	93	1169	2
A&E Review Clinic	61	77	54	58	59	65	81	95	102	105	67	58	882	2
Physiotherapy Clinic	50	38	29	43	55	74	48	56	67	72	40	54	626	1
Discharged returning to GP clinic at Whiston A&E	55	32	41	56	47	34	51	21	30	30	27	16	440	1
Discharged with Ear/Nose/Throat appointment at Whiston	34	35	38	32	27	42	42	22	24	13	22	23	354	1
Outpatient Clinic	37	29	28	45	22	32	30	23	32	36	18	18	350	1
Sent to other hospital	32	11	29	34	22	31	26	25	24	33	33	33	333	1
Return for Treatment	34	21	19	18	27	31	33	27	33	40	23	16	322	1
Total	4154	3778	3710	4148	3706	4165	4185	4494	4571	4938	4189	3975	50013	100

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