



## Whiston Accident and Emergency department Monthly bulletin: April 2005 to March 2006

This bulletin provides a breakdown of all trauma<sup>1</sup> attendances at Whiston Accident and Emergency department between April 2005 and March 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 4,241.

Figure 1: Total number of trauma attendances by month, April 2005 to March 2006

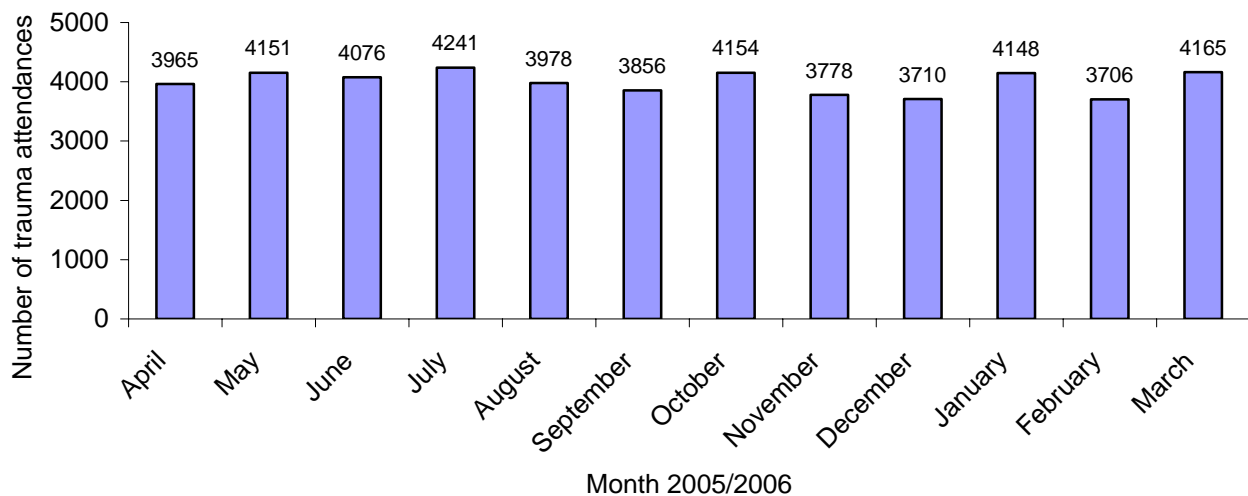
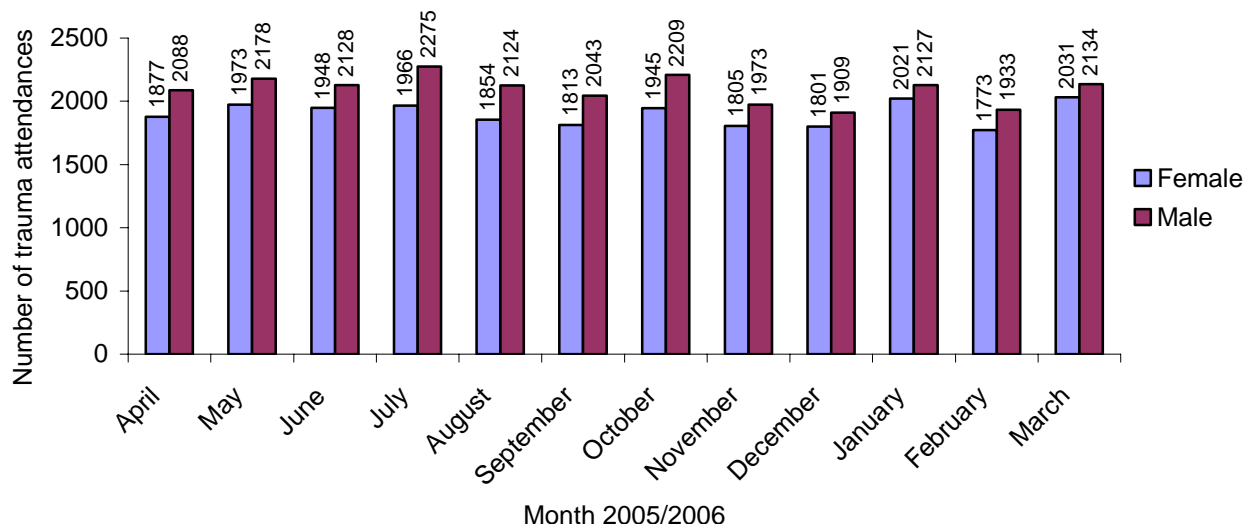


Figure 2 shows trauma attendances by gender. For all months there were more male trauma attendances than female.

Figure 2: Gender of trauma attendances by month, April 2005 to March 2006



<sup>1</sup>Trauma 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, April 2005 to March 2006

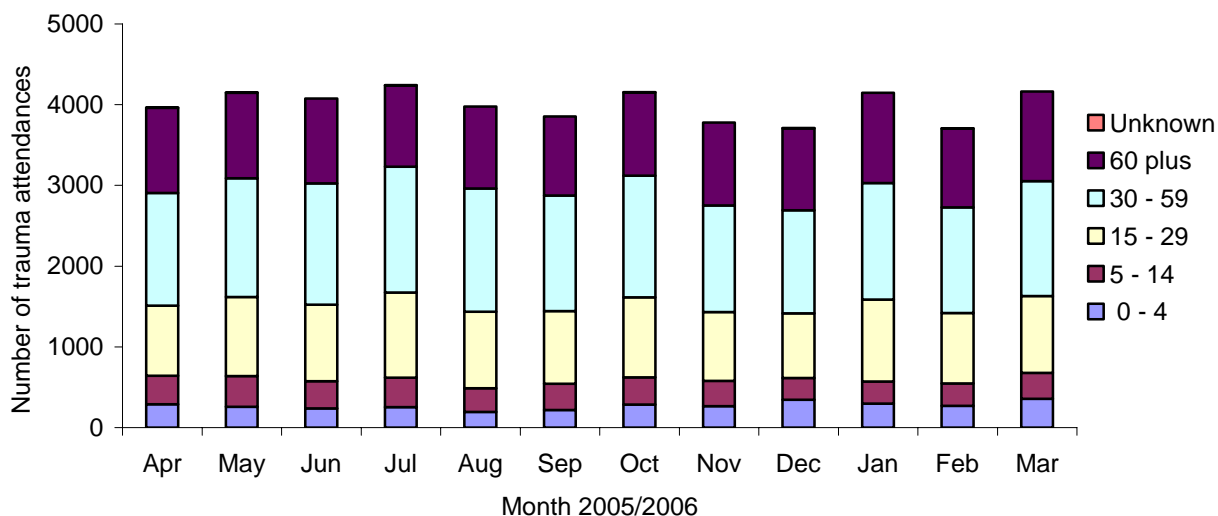


Table 1 details injury group of trauma attendances. Over half (53%) of trauma attendances were classed as 'other injury'. A further 17% were classed as a fall. During the months of July to March there appears to be a reduction in the number of fall attendances to Whiston A&E department. However, a new injury group category (Minor Injury) was introduced into the A&E IT system in June and it is possible that fall attendances are now being coded in this category (Minor Injury).

Table 1: Trauma attendances by injury group, April 2005 to March 2006

Injury Group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	Total %
Other Injury	1888	2069	2083	2389	2221	1869	2007	1970	1953	2445	2177	2463	25534	53
Fall	955	992	980	676	687	596	595	550	574	495	499	541	8140	17
Minor Injury	0	0	2	356	327	503	632	477	443	464	364	437	4005	8
Road Traffic Accident	326	325	305	252	194	265	329	287	226	236	222	207	3174	7
Assault	209	198	219	149	139	180	146	112	180	144	119	145	1940	4
Sports	218	194	145	99	112	180	166	136	74	132	100	134	1690	4
Foreign Body	136	119	117	103	96	73	73	64	52	55	49	57	994	2
Ingestion	85	77	78	62	57	57	64	55	65	56	57	74	787	2
Burns & Scalds	60	76	75	60	58	61	70	66	78	65	44	44	757	2
Head Injury	65	79	54	68	52	52	43	39	51	41	57	50	651	1
Deliberate Self-Harm	23	21	16	26	35	20	23	21	14	13	17	13	242	1
Firework	0	1	2	1	0	0	6	1	0	2	1	0	14	0
<b>Total</b>	<b>3965</b>	<b>4151</b>	<b>4076</b>	<b>4241</b>	<b>3978</b>	<b>3856</b>	<b>4154</b>	<b>3778</b>	<b>3710</b>	<b>4148</b>	<b>3706</b>	<b>4165</b>	<b>47928</b>	<b>100</b>

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, April 2005 to March 2006**

Mode of arrival	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	Total %
Private Transport	2532	2655	2605	2710	2454	2451	2598	2264	2283	2471	2274	2568	29865	62
Ambulance	1205	1251	1233	1254	1270	1191	1342	1272	1253	1426	1203	1365	15265	32
Public Transport	134	145	133	162	154	134	113	145	109	172	145	142	1688	4
Walked In	68	68	71	74	66	56	72	67	44	52	57	63	758	2
Police	15	22	22	21	19	10	14	16	8	14	16	19	196	0
Other	11	10	12	20	15	14	15	14	13	13	11	8	156	0
<b>Total</b>	<b>3965</b>	<b>4151</b>	<b>4076</b>	<b>4241</b>	<b>3978</b>	<b>3856</b>	<b>4154</b>	<b>3778</b>	<b>3710</b>	<b>4148</b>	<b>3706</b>	<b>4165</b>	<b>47928</b>	<b>100</b>

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

**Table 3: Trauma attendances by referral mode, April 2005 to March 2006**

Referrer	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	Total %
Self Referral	2437	2574	2451	2728	2600	2432	2643	2319	2384	2577	2290	2487	29922	62
Parents	720	708	746	552	486	668	593	454	370	529	493	605	6924	14
Emergency Services	387	372	398	280	286	359	283	269	345	257	266	300	3802	8
GP	68	73	50	204	176	44	210	357	314	404	302	406	2608	5
Walk-in-Centre	83	84	81	126	137	174	169	93	72	71	47	57	1194	2
Other Hospital	93	126	155	117	87	62	80	63	65	56	64	52	1020	2
From GP Surgery	0	0	1	45	54	0	12	69	50	125	115	133	604	1
Other Referrer	45	64	50	51	30	27	61	55	33	36	38	34	524	1
Employer	31	41	32	38	32	17	26	23	10	18	10	13	291	1
Grandparents	32	23	17	20	20	18	17	21	11	23	31	26	259	1
Carer	17	15	28	14	18	14	10	11	6	9	14	10	166	0
Police	18	21	10	22	14	6	18	8	14	14	9	12	166	0
A&E	9	18	11	20	15	13	16	10	20	6	7	8	153	0
Teacher	9	10	18	10	0	7	4	6	1	6	8	7	86	0
Primary Care	6	8	14	2	9	4	4	6	8	5	4	8	78	0
Guardian	7	8	6	3	5	4	2	5	0	5	3	1	49	0
School Nurse	2	4	4	3	0	3	1	4	4	2	3	2	32	0
Health Visitor	0	1	1	2	1	2	0	0	0	2	1	0	10	0
District Nurse	0	0	1	1	2	0	0	1	0	0	1	3	9	0
Optician	1	1	1	0	2	0	0	2	1	1	0	0	9	0
Consultant	0	0	0	1	1	0	3	2	0	0	0	0	7	0
Social Services	0	0	0	0	2	0	2	0	1	0	0	1	6	0
Occupational Therapist	0	0	1	1	0	0	0	0	0	0	0	0	2	0
Community Psychiatric Nurse	0	0	0	0	0	1	0	0	0	0	0	0	1	0
Locum GP	0	0	0	0	0	0	0	0	0	1	0	0	1	0
Midwife	0	0	0	0	0	0	0	0	0	1	0	0	1	0
Physiotherapist	0	0	0	1	0	0	0	0	0	0	0	0	1	0
Prison Service	0	0	0	0	0	1	0	0	0	0	0	0	1	0
Speech Therapist	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Trainee GP	0	0	0	0	1	0	0	0	0	0	0	0	1	0
<b>Total</b>	<b>3965</b>	<b>4151</b>	<b>4076</b>	<b>4241</b>	<b>3978</b>	<b>3856</b>	<b>4154</b>	<b>3778</b>	<b>3710</b>	<b>4148</b>	<b>3706</b>	<b>4165</b>	<b>47928</b>	<b>100</b>

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

**Table 4: Trauma attendances by ethnicity, April 2005 to March 2006**

Ethnicity	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	Total %
White	3773	3943	3893	4040	3788	3679	3968	3602	3547	3963	3530	3969	45695	95
Black African	77	89	80	81	74	75	69	77	70	75	77	94	938	2
Unknown	79	70	69	74	59	51	70	56	55	64	58	52	757	2
Black Caribbean	18	16	14	17	27	21	12	19	15	17	23	20	219	0
Chinese	6	18	6	11	14	10	15	10	10	15	8	14	137	0
Bangladeshi	3	8	4	4	10	7	10	6	3	6	6	8	75	0
Any Other Asian Background	3	3	4	8	1	3	6	4	3	3	1	2	41	0
Black Other	0	2	2	4	2	5	1	3	2	2	0	3	26	0
Pakistani	2	0	3	0	0	2	2	0	2	2	3	0	16	0
Indian	3	2	1	0	0	3	0	0	3	0	0	2	14	0
Asian Bangladeshi	1	0	0	2	3	0	1	1	0	1	0	1	10	0
Total	3965	4151	4076	4241	3978	3856	4154	3778	3710	4148	3706	4165	47928	100

Table 5 details the discharge method of trauma attendances to Whiston A&E department. Almost three in ten (27%) trauma attendances were admitted straight to hospital for further treatment.

**Table 5: Discharge method of trauma attendances, April 2005 to March 2006**

Discharge	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	Total %
Discharged no follow up	1381	1479	1520	1541	1397	1279	1147	1054	1082	1198	1264	1370	15712	33
Admissions	1245	1305	1225	1257	1266	1209	900	867	868	931	778	853	12704	27
Discharged to GP	547	546	523	567	553	523	537	470	384	442	311	373	5776	12
Emergency Admissions Unit	0	0	0	0	0	52	761	677	691	855	708	808	4552	9
Fracture Clinic	166	161	173	159	156	132	132	111	105	106	105	125	1631	3
Did not wait	109	132	125	151	125	159	160	114	145	128	96	131	1575	3
Sent to GP Assessment Unit	125	113	97	110	99	86	96	150	106	112	100	108	1302	3
A&E Review Clinic	79	75	85	81	77	75	61	77	54	58	59	65	846	2
Physiotherapy Clinic	53	66	61	59	48	68	50	38	29	43	55	74	644	1
Discharged returning to GP clinic at Whiston A&E	35	25	47	53	25	45	55	32	41	56	47	34	495	1
Outpatient Clinic	46	42	29	40	35	38	37	29	28	45	22	32	423	1
Sent to Other Hospital	46	38	39	47	39	38	32	11	29	34	22	31	406	1
Discharged with Ear/Nose/Throat appointment at Whiston	26	24	24	25	14	28	34	35	38	32	27	42	349	1
Return for Treatment	11	24	17	24	15	23	34	21	19	18	27	31	264	1
Other	96	121	111	127	129	101	118	92	91	90	85	88	1249	3
Total	3965	4151	4076	4241	3978	3856	4154	3778	3710	4148	3706	4165	47928	100

Published June 2006

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