



TIIG

INJURY SURVEILLANCE IN THE NORTH WEST OF ENGLAND

University Hospitals of Morecombe Bay NHS Trust Monthly Bulletin: April 2007 to March 2008

This bulletin provides a breakdown of all traumaⁱ attendances at University Hospitals of Morecombe Bay NHS Trust accident and emergency departments (AEDs)ⁱⁱ between April 2007 and March 2008. Figure 1 illustrates the number of trauma attendances by month of attendance, these peaked in April (n=4,071), with January (n=3,132) having the fewest.

Figure 1: Total number of trauma attendances by month, April 2007 to March 2008

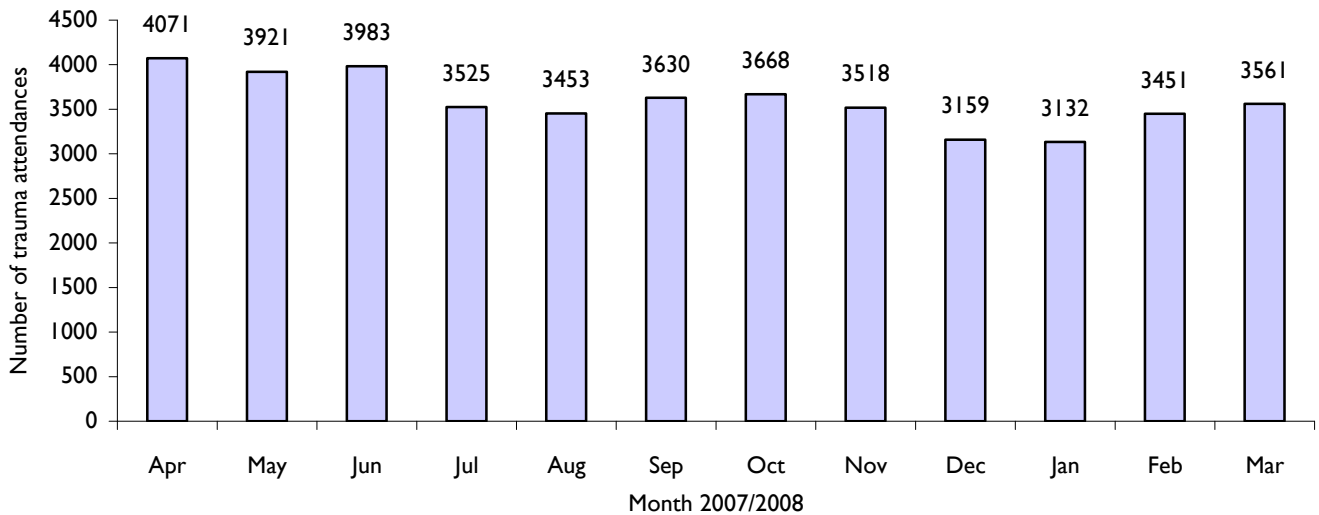


Figure 2 illustrates trauma attendances by gender. For all months there were more male (57%) trauma attendances than female presenting at University Hospitals of Morecombe Bay NHS Trust AEDs.

Figure 2: Gender of trauma attendances by month, April 2007 to March 2008

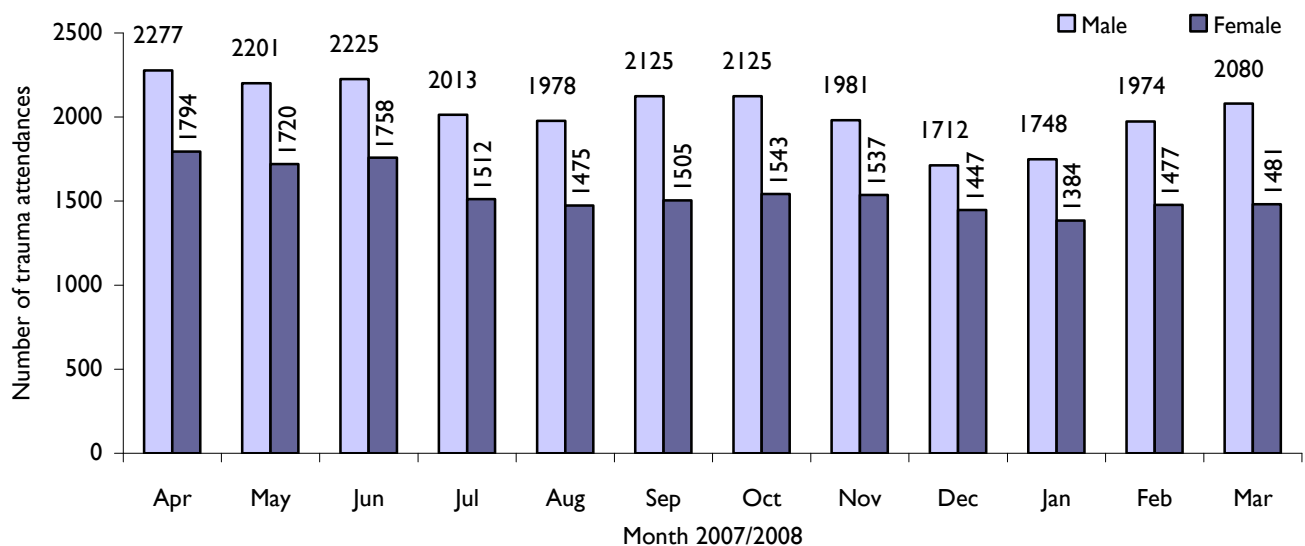


Figure 3 presents the age group of trauma attendances. Across the whole year almost third (31%) of trauma attendances were aged 30 – 59, while 29% were aged 15 – 29 years.

Figure 3: Age group of trauma attendances by month, April 2007 to March 2008

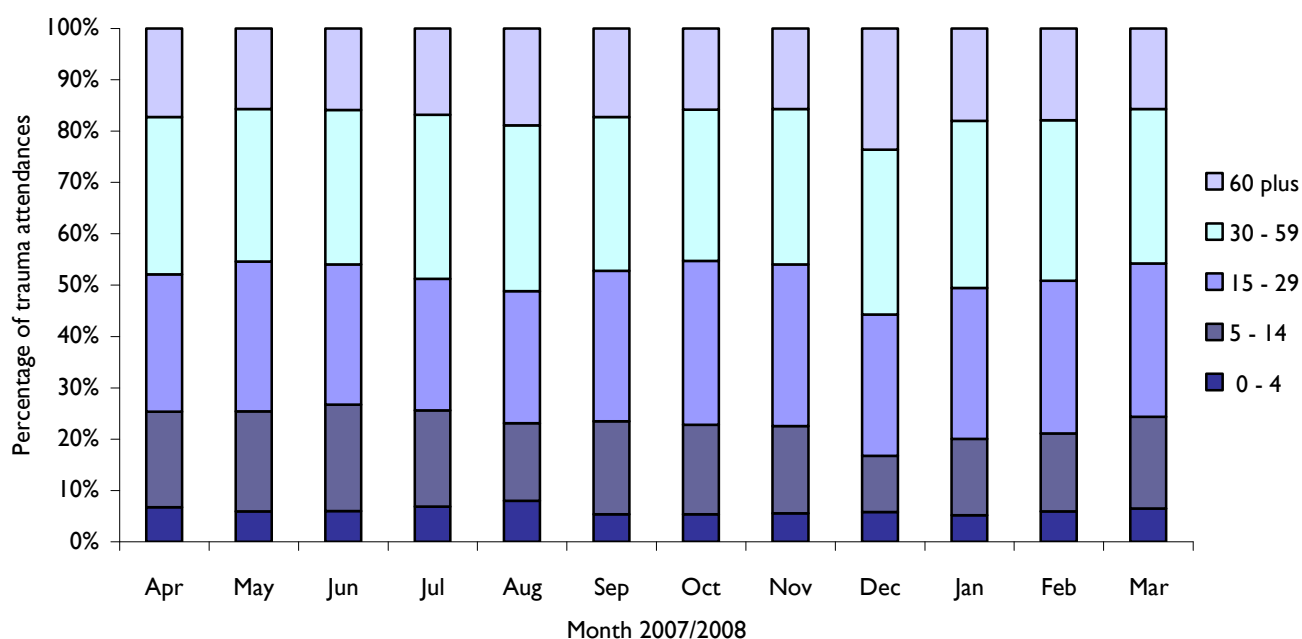


Table 1 details the injury group of trauma attendances. The most common cause of injury was by 'other' accident, (80%). Of those attendances where an injury group was specified 49% were sports injuries and 32% road traffic accidents.

Table 1: Trauma attendances by injury group, April 2007 to March 2008ⁱⁱⁱ

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other accident	3236	3201	3273	2872	2798	2750	2774	2708	2642	2489	2803	2839	34385	80
Sports injury	419	363	319	264	264	464	487	449	212	301	349	374	4265	10
Road traffic accident	267	224	227	230	251	265	246	243	188	191	199	210	2741	6
Assault	98	82	90	109	97	105	111	82	90	99	68	106	1137	3
Deliberate self-harm	51	51	74	50	43	46	49	35	27	52	32	32	542	1
Total	4071	3921	3983	3525	3453	3630	3668	3518	3159	3132	3451	3561	43072	100

*Please note firework injuries have been excluded because of low numbers. However, total trauma includes firework injuries.

Table 2 illustrates the source of referral for patients presenting with trauma injuries. The majority (75%) of trauma attendees self-referred.

Table 2: Trauma attendances by source of referral, April 2007 to March 2008

Source of referral	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Self-referral	3072	2966	2929	2617	2632	2743	2708	2687	2358	2246	2583	2742	32283	75
Emergency services	493	402	456	419	408	403	426	395	460	424	418	395	5099	12
Other	319	383	427	362	288	307	368	294	194	284	293	262	3781	9
GP	83	78	79	51	64	74	57	57	72	81	60	77	833	2
Work	36	38	33	34	29	35	38	25	23	37	41	26	395	1
Educational establishment	17	32	30	18	<5	33	38	36	22	35	38	40	341	1
Police	38	11	21	19	28	33	24	18	26	23	15	16	272	1
Health care provider: same or other	<5	<5	<5	<5	<5	<5	9	6	<5	<5	<5	<5	35	0
Unknown	12	9	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	28	0
General dental practitioner	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	5	0
Community dental service	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0
Local authority social services	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0
Total	4071	3921	3983	3525	3453	3630	3668	3518	3159	3132	3451	3561	43072	100

Table 3 presents trauma attendances by location of incident. Around three in ten of all trauma attendances occurred in the home (30%) and 27% occurred in a public place.

Table 3: Trauma attendances by location of incident, April 2007 to March 2008

Location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home	1153	1165	1162	1071	1026	968	976	999	1152	1084	1086	1152	12994	30
Other	1152	1146	1191	943	1016	950	905	927	824	771	1000	925	11750	27
Public place	1242	1039	1018	1038	1039	1118	1087	865	755	760	809	961	11731	27
Work	305	311	347	314	297	313	339	373	226	284	313	271	3693	9
Educational establishment	172	219	229	122	12	238	284	299	163	233	243	252	2466	6
Unknown	47	41	36	37	63	43	77	55	39	<5	<5	<5	438	1
Total	4071	3921	3983	3525	3453	3630	3668	3518	3159	3132	3451	3561	43072	100

Table 4 shows the disposal method of trauma attendances. Over four in ten (43%) attendees were discharged requiring no follow-up treatment.

Table 4: Disposal method of all trauma attendances, April 2007 to March 2008

Table 4: Disposal method	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged - did not require follow-up treatment	1737	1733	1860	1505	1528	1519	1645	1628	1203	1242	1455	1570	18625	43
Discharge - follow up care by GP	932	943	859	878	812	917	890	791	862	805	798	843	10330	24
Referred to fracture clinic	516	457	441	408	392	453	404	384	348	359	433	415	5010	12
Admit to hospital bed	375	298	349	293	281	313	276	310	401	364	349	344	3953	9
Referred to A&E clinic	195	175	178	161	148	153	203	154	124	146	154	152	1943	5
Left - before being treated	122	100	106	111	115	122	89	91	78	57	85	61	1137	3
Referred to out-patient clinic	60	74	56	51	52	53	69	61	46	55	82	75	734	2
Referred to other health care provider	62	70	66	70	72	56	49	47	59	48	44	44	687	2
Transfer to other health care provider	32	33	33	27	36	23	29	26	23	31	33	29	355	1
Left - refused treatment	15	16	10	10	11	13	<10	13	<10	13	<10	12	133	0
Other	21	20	24	8	<7	7	<7	12	8	<7	<7	13	133	0
Patient died in department	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	16	0
Not specified	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	8	0
Restore to ward	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	8	0
Total	4071	3921	3983	3525	3453	3630	3668	3518	3159	3132	3451	3561	43072	100

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ⁱ Trauma refers to all AED attendances presenting as a result of an intentional/unintentional injury.

ⁱⁱ Westmorland General Hospital AED, Furness General Hospital AED, and Royal Lancaster Infirmary AED

ⁱⁱⁱ Please note that all numbers less than five have been suppressed in line with patient confidentiality and if there is only one number <5 in a category then two numbers will be suppressed at the next level (e.g. <10) in order to prevent back calculations from totals.