



The Royal Liverpool Accident and Emergency department  
 Monthly bulletin: April 2006 to March 2007

This bulletin provides a breakdown of all trauma<sup>1</sup> attendances at the Royal Liverpool Accident and Emergency (A&E) department between April 2006 and March 2007.

Figure 1 illustrates the number of trauma attendances by month of attendance. Trauma attendances peaked in July, with February having the least number of trauma-related attendances.

Figure 1: Total number of trauma attendances by month, April 2006 to March 2007

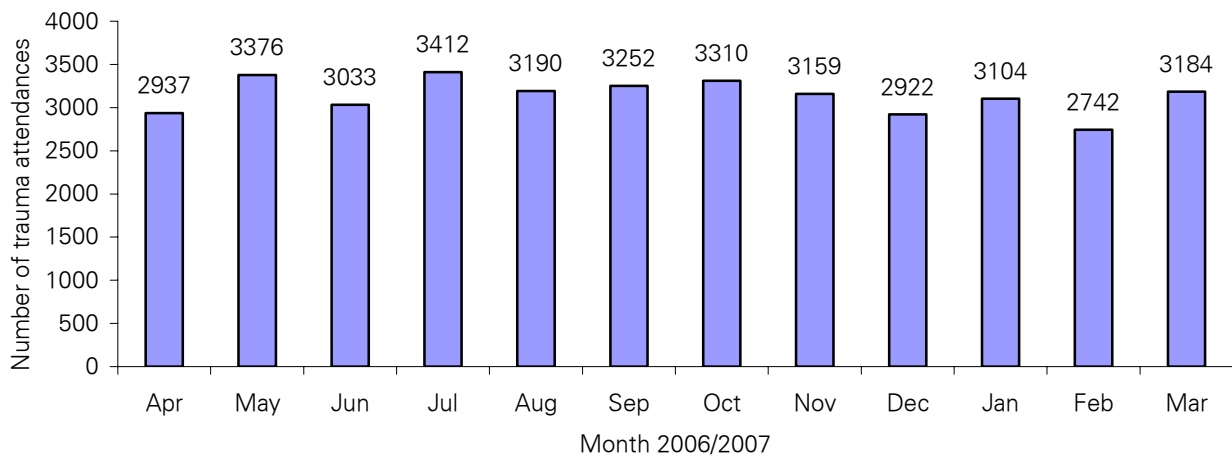


Figure 2 gives a breakdown of monthly trauma attendances by gender, illustrating that for all months there were more male trauma attendances than female presenting at the Royal Liverpool A&E department.

Figure 2: Gender of trauma attendances by month, April 2006 to March 2007

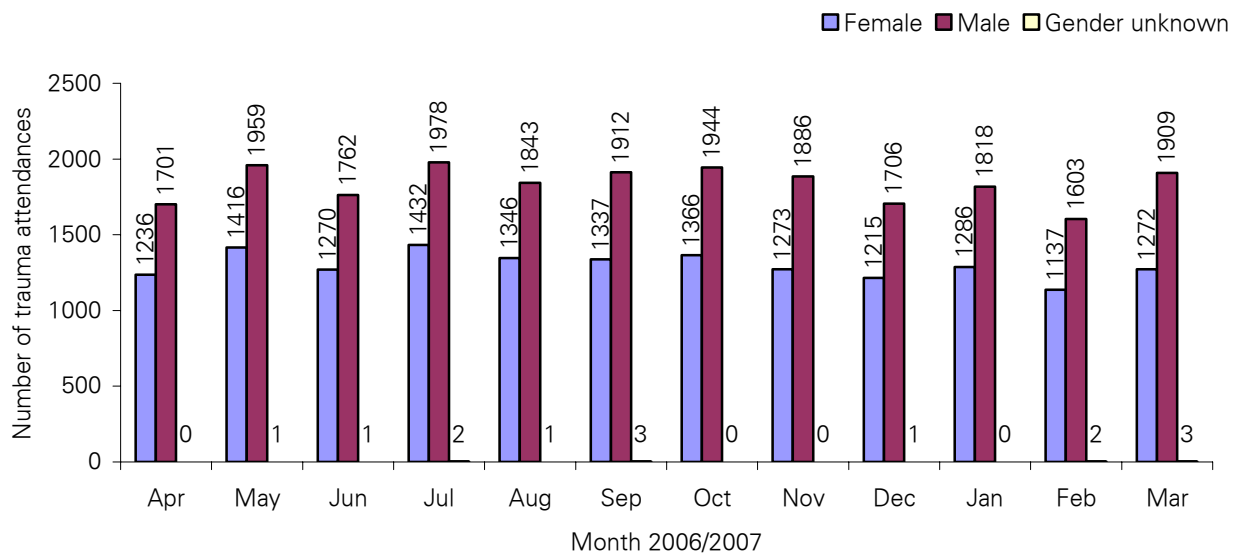


Figure 3 illustrates age group of trauma attendances. For all months, the vast majority of trauma attendances were made by people over the age of 14 years. The low number of trauma attendances under the age of 15 presenting at the Royal Liverpool A&E department is probably due to the close proximity of a local children's A&E department (Alder Hey).

<sup>1</sup> Trauma relates to all A&E attendances presenting as a result of an accident or intentional/unintentional injury.

Figure 3: Age group of trauma attendances by month, April 2006 to March 2007

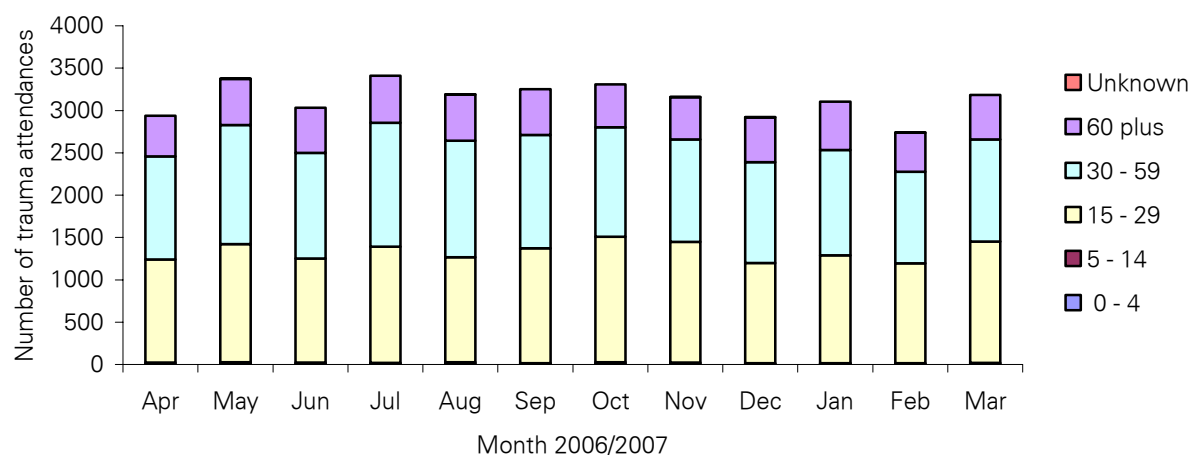


Table 1 details the injury group of trauma attendances. The most common form of injury leading to A&E attendance was body injury, representing 49% of trauma attendances. This category includes injuries such as head injuries and arm injuries, for example.

Table 1: Trauma attendances by injury group and month, April 2006 to March 2007

Injury Group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Body Injury	1483	1698	1513	1666	1484	1472	1565	1556	1430	1514	1334	1650	18365	49
Fall	360	416	384	363	387	384	400	397	465	448	361	364	4729	13
Accident	287	381	381	506	467	490	442	355	277	368	358	368	4680	12
Assault	379	455	358	381	386	394	379	354	322	326	274	362	4370	12
Road Traffic Accident	188	194	170	255	212	238	257	273	238	207	185	197	2614	7
Overdose	98	108	114	99	97	122	90	97	89	101	111	95	1221	3
Self Harm	55	51	36	61	74	69	73	43	40	55	39	56	652	2
Sport Injury	38	44	33	34	46	48	59	50	21	53	41	46	513	1
Burn	33	22	31	32	26	25	25	21	25	17	27	29	313	1
Stab Wound	8	3	10	8	5	5	9	3	9	9	9	13	91	0
Electrical	6	3	2	5	3	3	8	6	3	2	2	2	45	0
Gun	2	1	0	2	3	2	2	2	3	4	1	2	24	0
Firework	0	0	1	0	0	0	1	2	0	0	0	0	4	0
Total	2937	3376	3033	3412	3190	3252	3310	3159	2922	3104	2742	3184	37621	100

Table 2 illustrates the location where assaults occurred for patients presenting with assault-related injuries. Four in five (82%) of all assault locations were unknown during April 2006 to March 2007. Of those known, over half (56%) occurred on the street<sup>2</sup>.

Table 2: Assault attendances by location of incident and month, April 2006 to March 2007

Assault location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	321	346	245	304	341	369	251	312	270	256	249	303	3567	82
Street	25	70	71	48	30	15	70	20	20	32	12	29	442	10
Bar/pub	12	18	12	9	9	0	21	12	14	14	6	12	139	3
Your home	3	5	13	6	2	2	12	4	10	2	0	6	65	1
Club	9	7	5	1	1	3	17	1	1	12	2	3	62	1
Other	5	4	6	7	1	3	6	2	4	6	4	7	55	1
Someone else's home	1	3	4	3	1	0	1	2	0	2	0	0	17	0
Workplace	2	1	2	2	0	1	1	0	1	1	1	2	14	0
Unable to answer	0	1	0	0	1	1	0	1	2	1	0	0	7	0
Refused to answer	1	0	0	1	0	0	0	0	0	0	0	0	2	0
Total	379	455	358	381	386	394	379	354	322	326	274	362	4370	100

<sup>2</sup> Further information on the location of assault, for example street/club name, is collected at the Royal Liverpool A&E department. This information is provided by TIIG to local agencies such as Citysafe, in a separate report to the one produced here. For further information on this report please contact Zara Anderson or Dan Hungerford, whose details can be found at the end of this report.

Table 3 illustrates the number of individuals/attackers involved in the assault. During April 2006 to March 2007 information on number of attackers was not collected from the majority (83%) of assault patients. Where data was collected, Just over half (53%) of assault patients had been assaulted by more than one person.

**Table 3: Number of individuals involved in assault by month, April 2006 to March 2007**

Number of attackers	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	321	354	254	311	343	370	258	313	275	266	249	305	3619	83
Unable to answer	1	2	4	1	2	3	2	2	2	2	0	3	24	1
Refused to answer	1	2	0	1	0	0	0	0	0	0	0	1	5	0
1	26	39	51	35	15	10	50	19	21	33	17	25	341	8
2	5	18	16	9	6	2	21	3	10	5	4	8	107	2
3	3	13	8	7	7	3	12	7	5	7	2	3	77	2
4	8	8	9	4	4	1	12	3	6	2	1	1	59	1
5 plus	14	19	16	13	9	5	24	7	3	11	1	16	138	3
Total	379	455	358	381	386	394	379	354	322	326	274	362	4370	100

Table 4 illustrates gender of attackers. Of those known 87% were male, compared with 8% female.

**Table 4: Gender of attackers by month, April 2006 to March 2007**

Gender of attackers	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	320	347	252	307	343	371	273	313	276	265	248	311	3626	83
Male	49	90	93	59	38	21	87	34	39	51	24	36	621	14
Female	4	8	6	8	0	0	9	4	4	5	1	5	54	1
Both	4	5	2	6	4	0	5	0	1	2	1	5	35	1
Unable to answer	1	2	4	0	1	2	4	3	2	3	0	4	26	1
Refused to answer	1	3	1	1	0	0	1	0	0	0	0	1	8	0
Total	379	455	358	381	386	394	379	354	322	326	274	362	4370	100

Table five shows that the relationship between assault attendee and those involved in the assault was unknown in over four in five (83%) incidents during April 2006 to March 2007. Where data was collected, over two thirds (69%) of assault patients had been assaulted by a stranger.

**Table 5: Relationship between assault attendee and attacker by month, April 2006 to March 2007**

Relationship with attacker	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	325	356	253	313	347	372	260	317	286	266	249	301	3645	83
Stranger	35	68	65	43	24	19	83	27	15	44	15	36	474	11
Acquaintance/Friend	6	10	17	11	3	1	18	5	12	4	0	8	95	2
Partner	2	3	3	4	3	0	4	1	3	2	6	9	40	1
Bouncer	5	3	3	2	6	0	3	0	3	6	2	1	34	1
Unable to answer	1	2	6	2	1	2	5	3	2	2	1	1	28	1
Family member	2	5	8	2	1	0	2	1	0	0	1	2	24	1
Refused to answer	2	4	1	1	0	0	1	0	0	0	0	1	10	0
Police	0	1	0	1	1	0	2	0	1	1	0	1	8	0
Work client/Customer	1	1	1	2	0	0	0	0	0	0	0	1	6	0
Ex-partner	0	2	1	0	0	0	1	0	0	0	0	1	5	0
Work mate/Colleague	0	0	0	0	0	0	0	0	0	1	0	0	1	0
Total	379	455	358	381	386	394	379	354	322	326	274	362	4370	100

Table 6 shows method of attack. Of those known, 66% were attacked with a body part, such as a fist.

**Table 6: Method of attack by month, April 2006 to March 2007**

Method of attack	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	328	358	255	315	343	373	262	312	269	268	254	307	3644	83
Body part (e.g. fist)	33	65	64	40	32	12	82	27	29	30	17	33	464	11
Bottle	1	6	7	3	1	3	13	8	4	11	0	8	65	1
Blunt object	4	5	10	3	5	2	8	4	4	5	0	6	56	1
Knife	4	3	10	6	1	0	8	0	10	2	2	4	50	1
Other	6	10	6	9	2	0	4	0	2	7	0	1	47	1
Glass	1	3	3	3	1	0	0	1	1	2	1	2	18	0
Unable to answer	1	2	3	1	1	4	1	2	2	0	0	1	18	0
Refused to answer	1	3	0	1	0	0	1	0	0	0	0	0	6	0
Firearm	0	0	0	0	0	0	0	0	1	1	0	0	2	0
Acquaintance/Friend	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	379	455	358	381	386	394	379	354	322	326	274	362	4370	100

Table 7 shows that of those known, 42% of assault attendances had no intention of informing the police of their attack.

**Table 7: Number of assault attendances that have informed the police by month, April 2006 to March 2007**

Informed the police?	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	320	346	242	304	341	369	251	311	269	255	248	301	3557	81
No	27	50	45	34	18	13	55	17	19	33	9	19	339	8
Yes	32	59	71	43	27	12	73	26	34	38	17	42	474	11
Total	379	455	358	381	386	394	379	354	322	326	274	362	4370	100

Table 8 shows that where data was collected, 68% of assault attendances had consumed alcohol within three hours prior to their attack.

**Table 8: Number of assault attendances who had consumed alcohol within three hours prior to their attack, April 2006 to March 2007**

Alcohol consumption	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Unknown	320	346	243	304	341	369	251	311	269	255	248	301	3558	81
No	16	30	21	31	12	9	50	8	18	12	4	20	231	5
Refused to answer	1	4	2	1	0	1	4	2	1	0	0	1	17	0
Unable to answer	4	5	13	2	3	1	4	5	7	7	4	7	62	1
Yes	38	70	79	43	30	14	70	28	27	52	18	33	502	11
Total	379	455	358	381	386	394	379	354	322	326	274	362	4370	100

Published May 2007

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