

Injury attendances to Royal Albert Edward Infirmary Emergency Department

April 2009 to March 2010

This report summarises recorded injury attendances to Royal Albert Edward Infirmary Emergency Department (ED) between April 2009 and March 2010.

From April 2009 to March 2010 there were 34,479 injury attendances to Royal Albert Edward Infirmary ED. Males accounted for over half (57%) of all attendances. The month with the highest attendances for injury was June 2009 (n=3,195) with February 2010 having the lowest attendances (n=2,409) (**Figure 1**). The majority (91%) of attendances were recorded as other accident. Assaults accounted for 4% of all injury attendances, road traffic collisions (RTCs) 3% and deliberate self-harm (DSH) 2% (**Table 1**).

For all injuries, the highest proportions of attendances were for persons aged 5 to 19 (25%) and 20 to 34 (25%) (**Figure 2**). Over four in ten (44%) of assault attendees were aged 20 to 34. Nearly four in ten (39%) of deliberate self harm (DSH) attendees were aged 20 to 34 (**Figure 3**).

Table 2 shows the location of the incident of injury attendances. Half (50%) of injuries occurred in the home. More than a third (34%) of assaults occurred in a public place. Over seven in ten (73%) of DSH injuries occurred in the home.

Table 3 shows the ethnicity of injury attendees to Royal Albert Edward Infirmary ED. Over four in five (85%) were recorded as white, 14% were recorded as not known.

The disposal of a patient can give an indication of the severity of the injuries sustained. Over a half (54%) were discharged, over four in ten (41%) were referred and 4% were admitted (**Table 4**). The majority (84%) of RTC attendees were discharged. Over half (53%) of DSH attendees had a referral/follow-up (**Table 5**).

Table 6 shows the arrival methods of injury attendances at Royal Albert Edward Infirmary ED. Around one in six (15%) arrived by ambulance.

Figure 4 (a-d) shows crude rates of attendance at Royal Albert Edward Infirmary ED by attendee's area of residence, in this case Middle Super Output Area (MSOA). The MSOAs with the highest crude rates are indicated beneath each figure.¹

¹ Population figures are drawn from mid-2008 population estimates from the Office for National Statistics.

Figure 1: Royal Albert Edward Infirmary ED: Total injury attendances by gender and month, April 2009 to March 2010

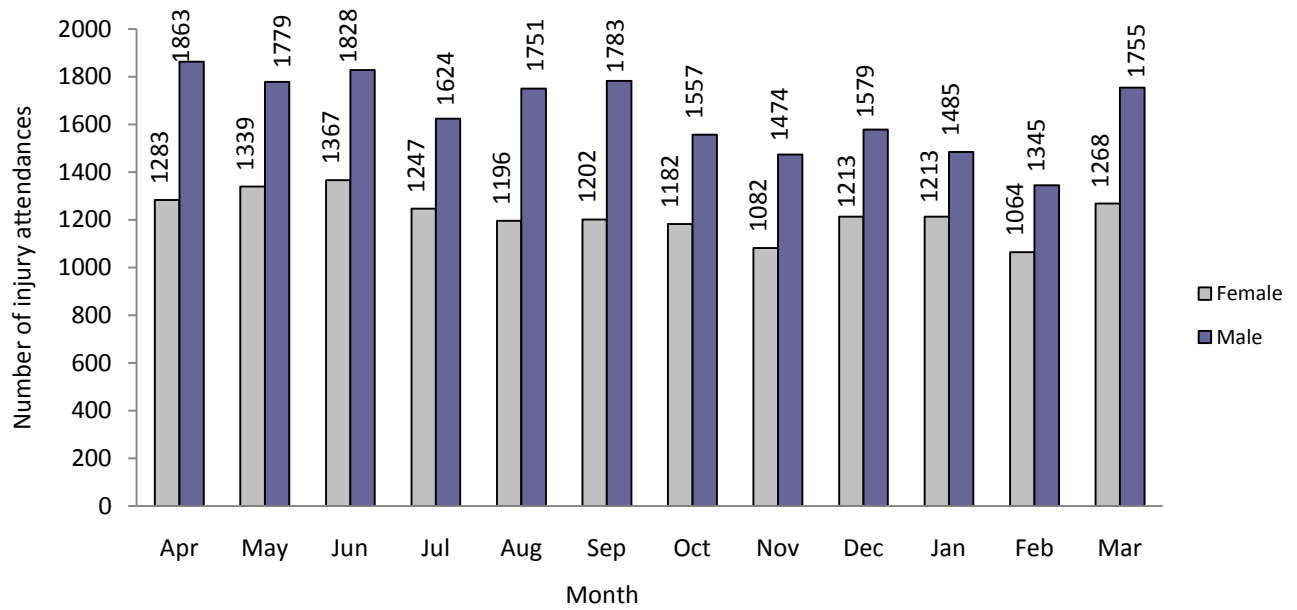


Table 1: Royal Albert Edward Infirmary ED: Total injury attendances by injury group and month, April 2009 to March 2010

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other accident	2919	2825	2891	2629	2682	2701	2506	2290	2539	2476	2165	2775	31398	91
Assault	98	133	149	118	146	124	110	124	145	96	100	105	1448	4
RTC	80	121	106	83	78	86	76	98	56	81	93	97	1055	3
DSH	49	39	49	41	41	74	47	44	52	45	51	46	578	2
Total	3146	3118	3195	2871	2947	2985	2739	2556	2792	2698	2409	3023	34479	100

Figure 2: Royal Albert Edward Infirmary ED: Total injury attendances by age group and month, April 2009 to March 2010

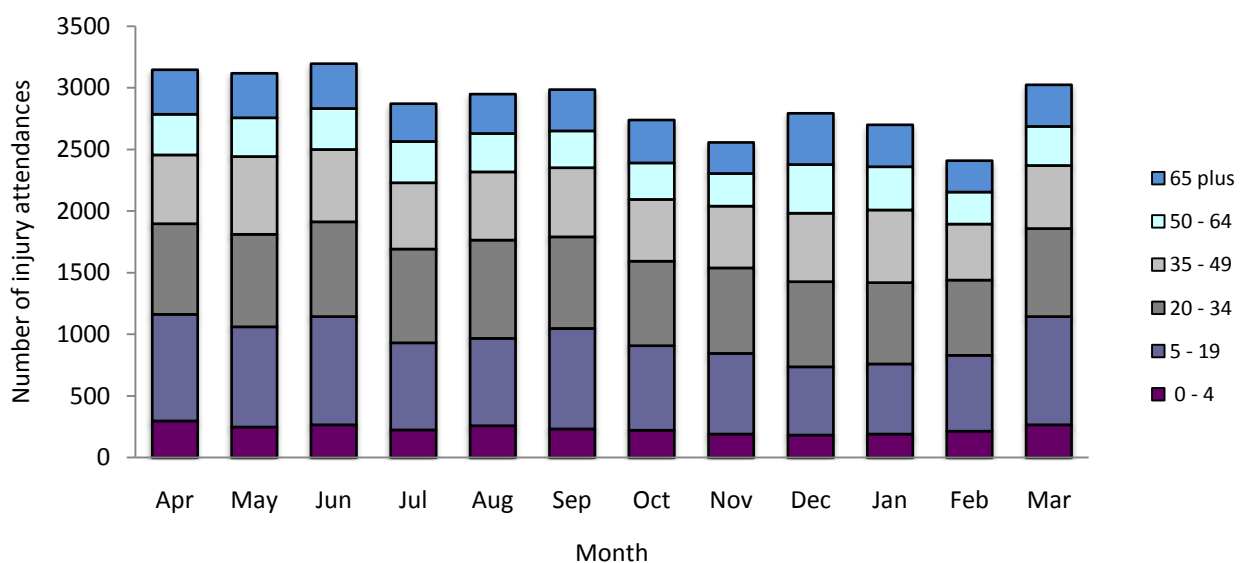


Figure 3: Royal Albert Edward Infirmary ED: Total injury attendances by age group and injury group, April 2009 to March 2010

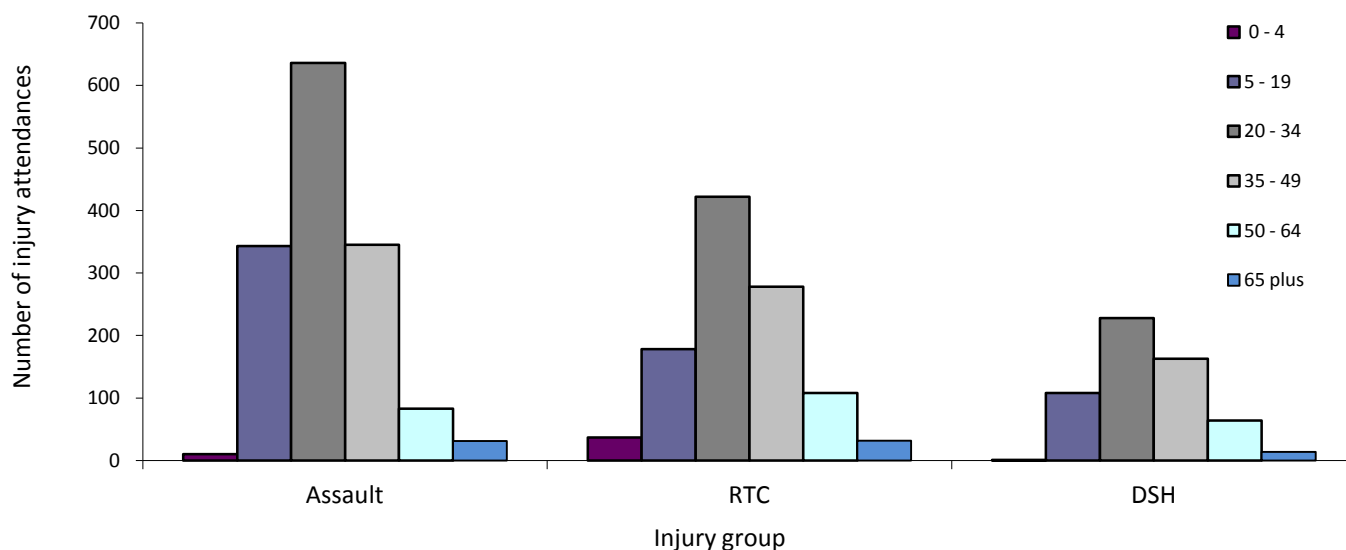


Table 2: Royal Albert Edward Infirmary ED: Total injury attendances by location of incident and month, April 2009 to March 2010

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other accident	2919	2825	2891	2629	2682	2701	2506	2290	2539	2476	2165	2775	31398	91
Assault	98	133	149	118	146	124	110	124	145	96	100	105	1448	4
RTC	80	121	106	83	78	86	76	98	56	81	93	97	1055	3
DSH	49	39	49	41	41	74	47	44	52	45	51	46	578	2
Total	3146	3118	3195	2871	2947	2985	2739	2556	2792	2698	2409	3023	34479	100

Table 3: Royal Albert Edward Infirmary ED: Total injury attendances by ethnicity and month, April 2009 to March 2010²³

Ethnicity	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total*	%
White	2280	2253	2358	2139	2205	2242	2638	2482	2691	2619	2319	2920	29146	85
Not known	840	831	792	702	709	706	76	42	62	57	70	66	4953	14
Mixed	**	10	10	**	6	11	8	7	10	**	**	10	86	0
Bangladeshi	6	**	12	10	8	7	8	6	**	7	5	10	83	0
Black	**	**	6	**	5	7	**	6	8	5	5	7	60	0
Chinese	5	5	**	5	**	**	**	6	11	**	**	**	50	0
Any other Asian background	**	5	7	**	**	**	**	**	**	**	**	5	43	0
Indian	5	5	**	**	5	**	**	**	6	**	**	**	36	0
Pakistani	**	**	**	**	**	**	**	**	**	**	**	**	15	0
Any other ethnic group	**	**	**	**	**	**	**	**	**	**	**	**	7	0
Total	3146	3118	3195	2871	2947	2985	2739	2556	2792	2698	2409	3023	34479	100

*Percentages may not add up to 100 due to rounding.

² 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.

³ White = Irish, British, other white background; Mixed = white and black, white and Asian, mixed any other; Other = any other ethnic group, any other Asian background; Black = African, Caribbean, other black.

Table 4: Royal Albert Edward Infirmary ED: Total injury attendances by method of disposal and month, April 2009 to March 2010⁴

Disposal	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	1629	1624	1700	1528	1649	1708	1592	1409	1494	1406	1413	1633	18785	54
Referral / follow-up	1355	1318	1341	1219	1182	1152	1038	1040	1155	1167	907	1208	14082	41
Admitted	135	147	137	104	**	114	101	97	136	118	**	173	1457	4
Other	27	29	17	20	**	11	8	10	7	7	**	9	155	0
Total	3146	3118	3195	2871	2947	2985	2739	2556	2792	2698	2409	3023	34479	100

Table 5: Royal Albert Edward Infirmary ED: Total injury attendances by method of disposal and injury group, April 2009 to March 2010

Disposal	Assault		DSH		Other accident		RTC		Total	
	n	%	n	%	n	%	n	%	n	%
Discharged	782	54	165	29	16951	54	887	84	18785	54
Referral / follow-up	613	42	304	53	13017	41	148	14	14082	41
Admitted	**	**	93	16	1313	4	**	**	1457	4
Other	**	**	16	3	117	0	**	**	155	0
Total	1448	100	578	100	31398	100	1055	100	34479	100

Table 6: Royal Albert Edward Infirmary ED: Total injury attendances by mode of arrival and month, April 2009 to March 2010

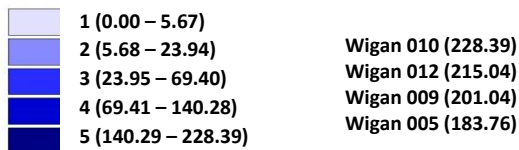
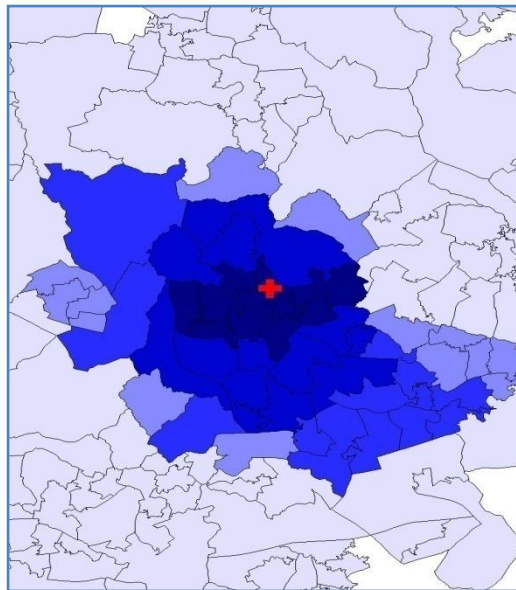
Arrival mode	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other	2676	2669	2765	2446	2514	2557	2306	2173	2285	2295	2052	2604	29342	85
Ambulance	470	449	430	425	433	428	433	383	507	403	357	419	5137	15
Total	3146	3118	3195	2871	2947	2985	2739	2556	2792	2698	2409	3023	34479	100

⁴ Admitted=admitted to ED bed/became a lodged patient of the same health care provider; Discharged=discharged - did not require any follow up treatment; Referral/follow-up =discharged - follow up treatment to be provided by GP, referred to ED clinic, referred to fracture clinic, referred to other out-patient clinic, transferred to other health care provider, referred to other health care professional; Other=died in department, left department before being treated, left department having refused treatment, other.

Figure 4a,b,c,d: Middle Super Output Area of residence for injury attendances to Royal Albert Edward Infirmary ED. Quintiles of crude rates per 1,000 population, April 2009 to March 2010

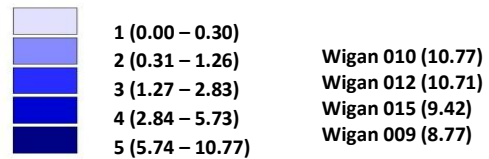
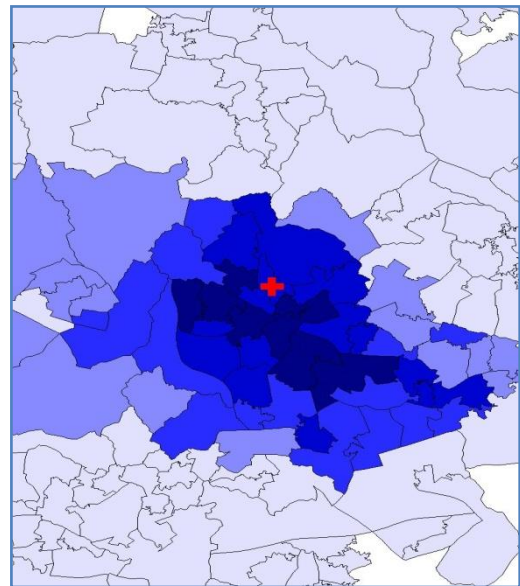
a) All attendances: quintiles of crude rates per 1,000 population

✚ Royal Albert Edward Infirmary ED



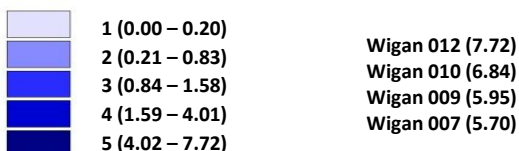
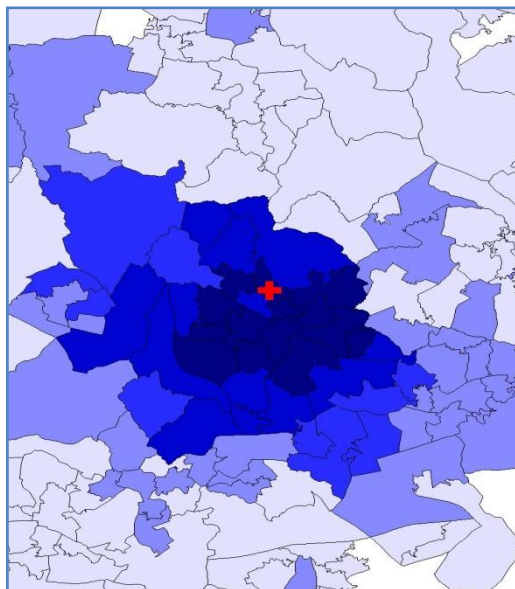
b) Assault: quintiles of crude rates per 1,000 population

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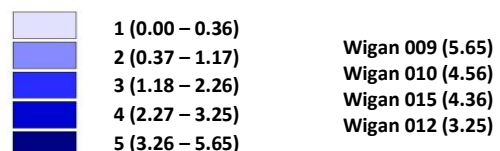
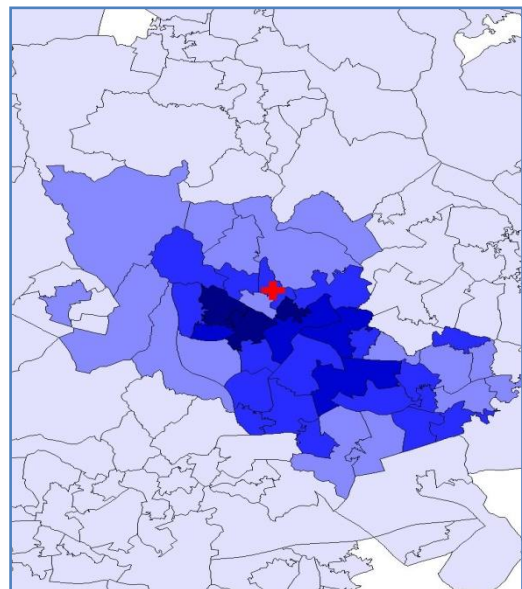
c) RTC: quintiles of crude rates per 1,000 population

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d) DSH: quintiles of crude rates per 1,000 population

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