

Injury attendances to Royal Albert Edward Infirmary Emergency Department

July 2010 to June 2011

This report summarises recorded injury attendances to Royal Albert Edward Infirmary Emergency Department (ED) between July 2010 and June 2011.

From July 2010 to June 2011 there were 35,345 injury attendances to Royal Albert Edward Infirmary ED. Males accounted for over half (56%) of all attendances. The month with the highest attendances for injury was May (n=3,265) with January (n=2,526) having the lowest attendances (**Figure 1**). The majority (92%) of attendances were recorded as other accident. Assaults accounted for 4% of all injury attendances, road traffic collisions (RTC) 3% and deliberate self-harm (DSH) 2% (**Table 1**).

For all injuries, the highest proportions of attendances were for persons aged 5 to 19 (27%) and 20 to 34 (23%) (**Figure 2**). Almost four in ten (39%) 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; 7% occurred in a public place or at work whilst 5% occurred at an educational establishment.

Table 3 shows the ethnicity of injury attendees to Royal Albert Edward Infirmary ED. Over nine in ten (96%) were recorded as white, 3% were recorded as not known.

The disposal of a patient can give an indication of the severity of the injuries sustained. Over a half (55%) were discharged, nearly four in ten (39%) were referred and 4% were admitted (**Table 4**). Over four in five (84%) of RTC attendees were discharged. Nearly four in five (38%) assault attendees and nearly a third (32%) 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 seven (14%) arrived by ambulance.

Table 7 shows assault attendances to Royal Albert Edward Infirmary ED. Over seven in ten (72%) of assault attendees were male, and over a quarter (28%) occurred in a public place (**Figure 3**). Over a third (34%) of assault attendees arrived at the ED by ambulance, and over a quarter (27%) of assault attendances occurred at weekend nights.

Figure 1: Royal Albert Edward Infirmary ED: Total injury attendances by gender and month, July 2010 to June 2011

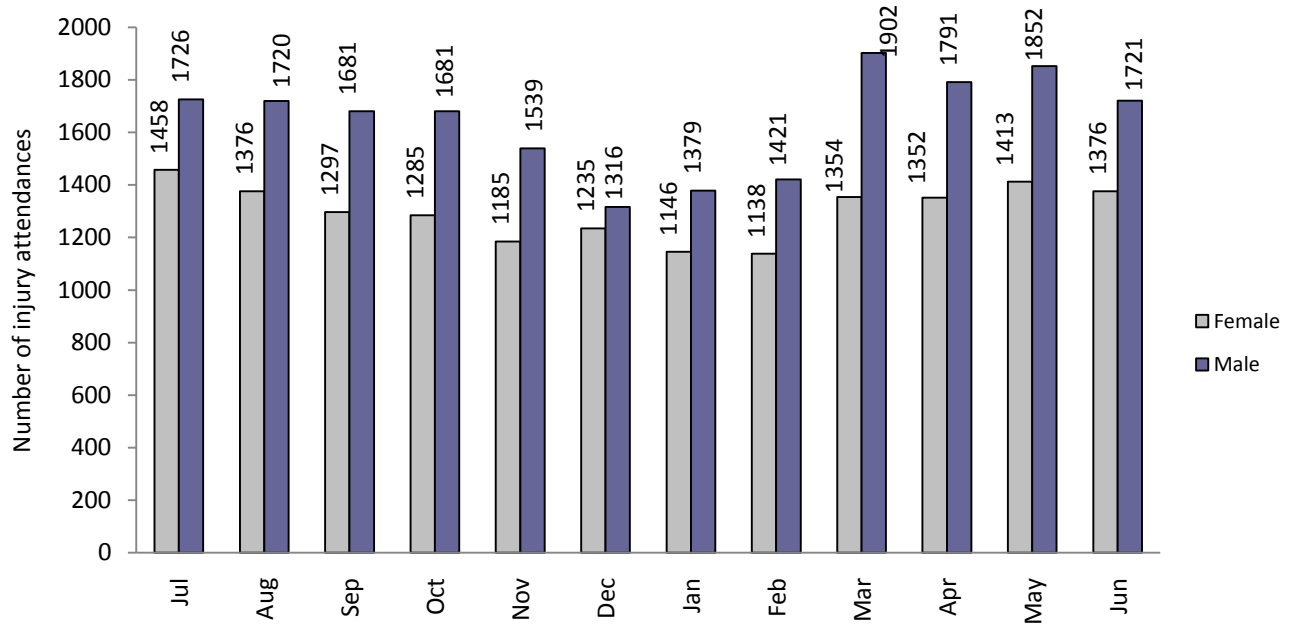


Table 1: Royal Albert Edward Infirmary ED: Total injury attendances by injury group and month, July 2010 to June 2011

Injury group	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Other accident	2898	2774	2733	2703	2484	2310	2307	2335	3029	2906	3017	2885	32381
Assault	103	120	98	118	83	115	98	102	117	117	126	101	1298
RTC	103	133	98	83	101	88	71	80	61	71	75	64	1028
DSH	80	69	49	62	56	38	50	42	49	49	47	47	638
Total	3184	3096	2978	2966	2724	2551	2526	2559	3256	3143	3265	3097	35345

Figure 2: Royal Albert Edward Infirmary ED: Total injury attendances by age group and month, July 2010 to June 2011

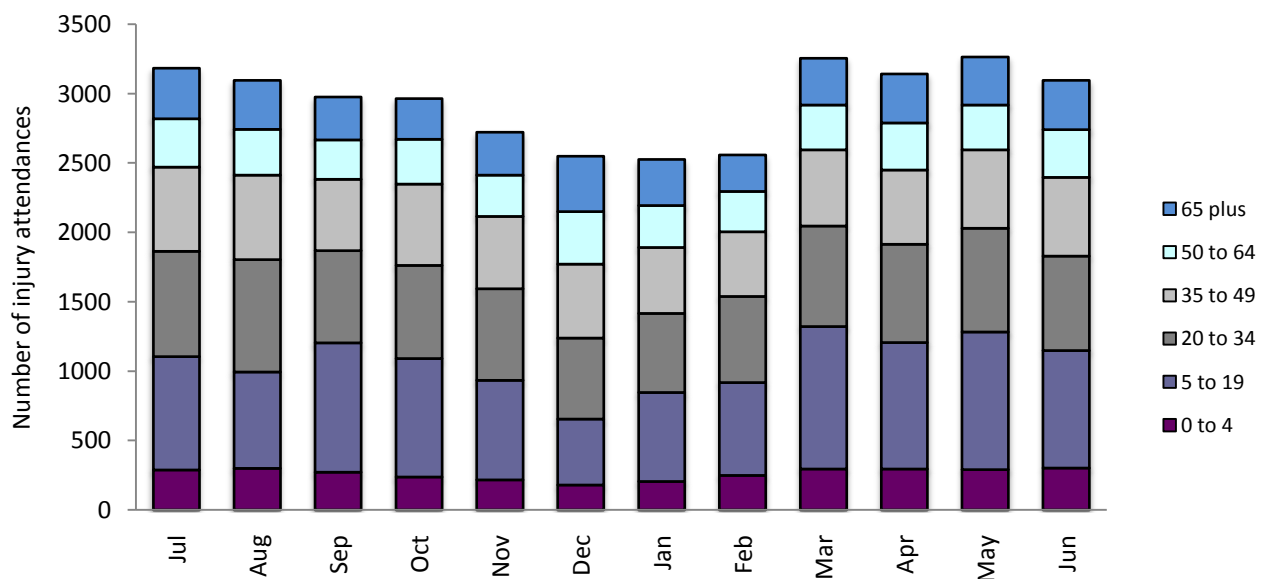


Figure 3: Royal Albert Edward Infirmary ED: Total injury attendances by age group and injury group, July 2010 to June 2011

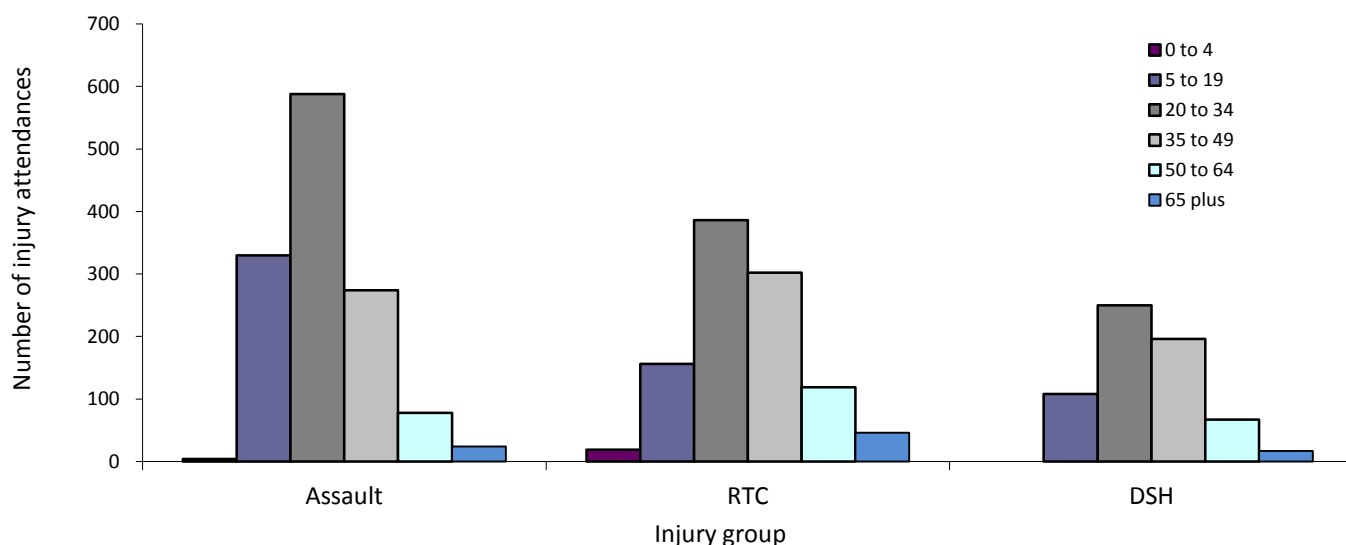


Table 2: Royal Albert Edward Infirmary ED: Total injury attendances by location of incident and month, July 2010 to June 2011¹

Location	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Home	1727	1822	1373	1400	1322	1246	1274	1243	1489	1644	1556	1458	17554
Other	915	862	966	957	841	768	786	767	1050	1065	1104	952	11033
Public place	204	218	202	222	140	260	163	180	206	176	210	267	2448
Work	221	186	217	221	237	175	163	193	209	165	198	237	2422
Education establishments	108	***	208	***	***	***	***	169	293	***	192	167	1823
Not recorded	9	***	12	***	***	***	***	7	9	***	5	16	65
Total	3184	3096	2978	2966	2724	2551	2526	2559	3256	3143	3265	3097	35345

Table 3: Royal Albert Edward Infirmary ED: Total injury attendances by ethnicity and month, July 2010 to June 2011²

Ethnicity	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
White	3069	2964	2882	2841	2617	2462	2424	2479	3119	3019	3106	2960	33942	96
Not known	75	96	66	94	84	67	69	63	98	105	130	103	1050	3
Black	12	12	6	***	5	***	***	***	10	8	7	9	81	0
Mixed	5	10	6	***	6	5	10	6	***	5	7	7	75	0
Chinese	5	***	5	6	5	***	***	***	6	***	***	6	48	0
Bangladeshi	6	***	9	5	***	***	6	***	7	***	***	***	46	0
Indian	***	***	***	5	***	***	7	***	5	***	***	8	45	0
Asian other	8	***	***	***	***	***	***	***	5	***	***	***	34	0
Pakistani	***	***	***	***	***	***	***	***	***	***	***	***	16	0
Any other ethnic group	***	***	***	***	***	***	***	***	***	***	***	***	8	0
Total	3184	3096	2978	2966	2724	2551	2526	2559	3256	3143	3265	3097	35345	100

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

¹ 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.

² White=Irish, British, other white background; Mixed=white and black, white and Asian, mixed any other; Black=African, Caribbean, other black.

Table 4: Royal Albert Edward Infirmary ED: Total injury attendances by method of disposal and month, July 2010 to June 2011³

Disposal	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Discharged	1761	1641	1572	1608	1407	1325	1346	1483	1908	1802	1908	1853	19614	55
Referral / follow-up	1231	1258	1252	1183	1159	1054	1030	942	1185	1151	1170	1073	13688	39
Admitted	120	118	96	113	101	118	87	83	105	134	147	125	1347	4
Other	72	79	58	62	57	54	63	51	58	56	40	46	696	2
Total	3184	3096	2978	2966	2724	2551	2526	2559	3256	3143	3265	3097	35345	100

Table 5: Royal Albert Edward Infirmary ED: Total injury attendances by method of disposal and injury group, July 2010 to June 2011

Disposal	Assault		DSH		Other accident		RTC		Total	
	n	%	n	%	n	%	n	%	n	%
Discharged	700	54	253	40	17795	55	866	84	19614	56
Referred / follow-up	489	38	207	32	12850	40	142	14	13688	39
Admitted	34	3	68	11	1232	4	13	1	1347	4
Other	75	6	110	17	504	2	7	1	696	2
Total	1298	100	638	100	32381	100	1028	100	35345	100

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

Table 7: Royal Albert Edward Infirmary ED: Total injury attendances by mode of arrival and month, July 2010 to June 2011

Arrival mode	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Other	2717	2662	2591	2532	2326	2074	2119	2245	2861	2724	2810	2685	30346	86
Ambulance	467	434	387	434	398	477	407	314	395	419	455	412	4999	14
Total	3184	3096	2978	2966	2724	2551	2526	2559	3256	3143	3265	3097	35345	100

Table 6: Royal Albert Edward Infirmary ED: Total assault and injury attendances by gender, mode of arrival, incident location and time of attendance, July 2010 to June 2011

Injury type	Assault attendees		All injuries % (n=35,345)
	n	%	
Gender			
Female	361	28	44
Male	937	72	56
Mode			
Ambulance	437	34	14
Other	861	66	86
Location			
Other	482	37	31
Public place	365	28	7
Home	373	29	50
Work	45	3	7
Educational establishment	33	3	5
Day & time			
Weekend nights*	346	27	9
Weekend days	306	24	22
Weekdays	646	50	69

*8pm to 3.59am, Friday night/Saturday morning, Saturday night/Sunday morning, Sunday night/Monday morning

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³ Admitted=admitted to hospital bed; 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; Other=died in department, left department before being treated, left department having refused treatment.