



TIIG

INJURY SURVEILLANCE IN THE NORTH WEST OF ENGLAND

Injury attendances to Royal Albert Edward Infirmary Emergency Department

April 2013 to March 2014

This report summarises recorded injury attendances to Royal Albert Edward Infirmary Emergency Department (ED) between April 2013 and March 2014.

From April 2013 to March 2014 there were 32,572 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 July (n=3,163) with February (n=2,256) having the lowest attendances ([Figure 1](#)). The majority (92%) of attendances were recorded as other injury. 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 years (27%) and 20 to 34 years (23%) ([Figure 2](#)). Four in ten (41%) DSH attendees were aged 20 to 34 years ([Figure 3](#)).

[Table 2](#) shows the location of the incident of injury attendances. Close to half (47%) of injuries occurred in the home, 8% occurred in a work place, 8% at a public place and 6% occurred at an educational establishment.

[Table 3](#) shows the ethnicity of injury attendees to Royal Albert Edward Infirmary ED. The majority (97%) of attendees were recorded as white.

The disposal of a patient can give an indication of the severity of the injuries sustained. Over half (54%) were discharged, nearly four in ten (39%) were referred and 6% were admitted ([Table 4](#)). Over eight in ten (84%) RTC attendees were discharged. Twenty-eight percent of DSH attendees and 39% of assault 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 (15%) arrived by ambulance.

[Table 7](#) shows assault attendances to Royal Albert Edward Infirmary ED. Almost seven in ten (69%) of assault attendees were male and nearly half (48%) were aged 20 to 34 years. A third (33%) of assaults occurred in a public place.

Figure 1: Royal Albert Edward Infirmary ED: Total injury attendances by gender and month, April 2013 to March 2014

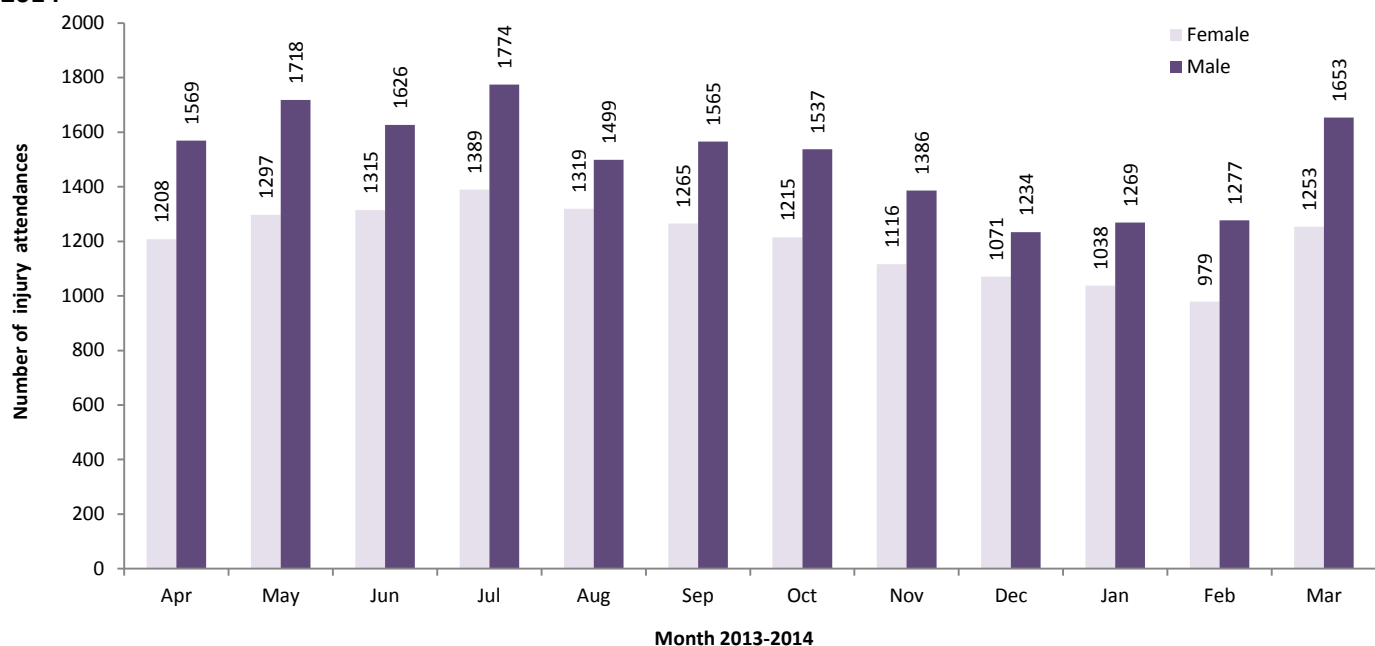


Table 1: Royal Albert Edward Infirmary ED: Total injury attendances by injury group and month, April 2013 to March 2014¹

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other injury	2600	2783	2747	2958	2607	2586	2502	2247	2060	2084	2067	2712	29953	92
Assault	80	114	75	108	99	110	115	86	123	93	92	82	1177	4
RTC	60	79	74	62	58	97	80	113	66	68	51	60	868	3
DSH	37	39	45	35	54	37	55	56	56	62	46	52	574	2
Total	2777	3015	2941	3163	2818	2830	2752	2502	2305	2307	2256	2906	32572	100

Figure 2: Royal Albert Edward Infirmary ED: Total injury attendances by age group and month, April 2013 to March 2014

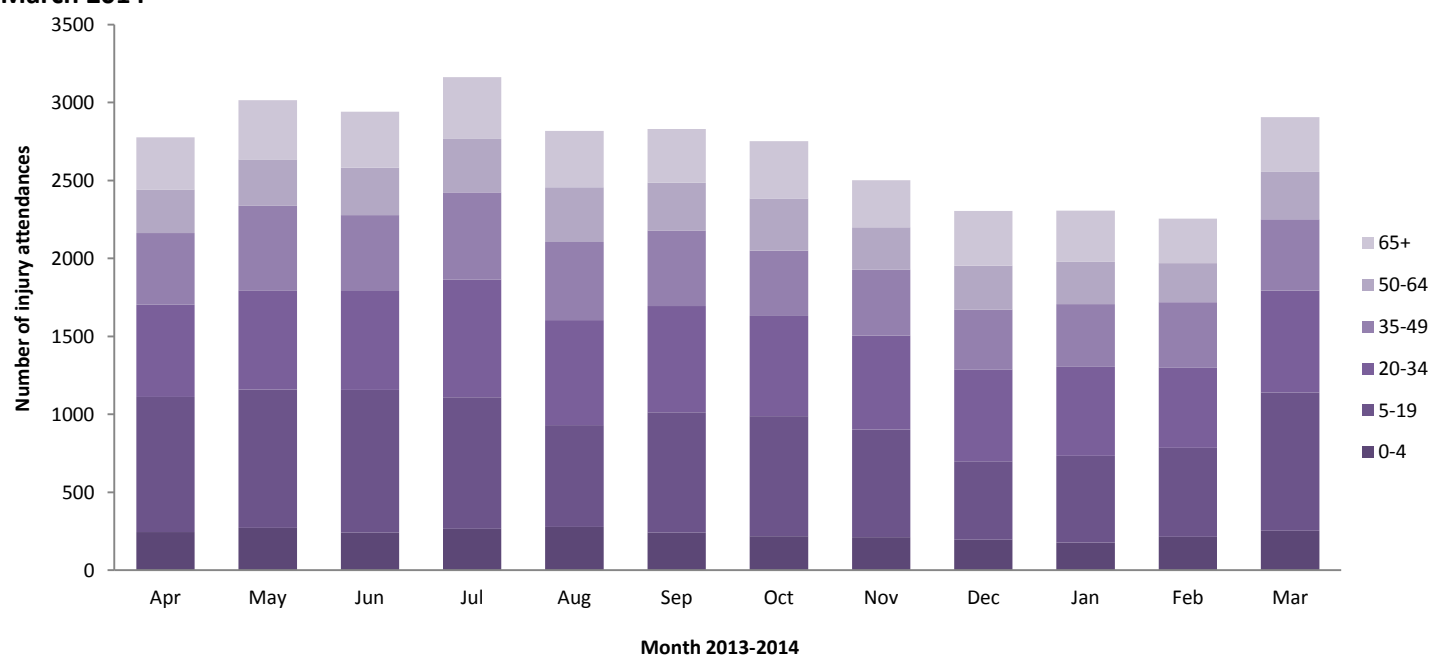


Figure 3: Royal Albert Edward Infirmary ED: Total injury attendances by age group and injury group (excluding other injury), April 2013 to March 2014

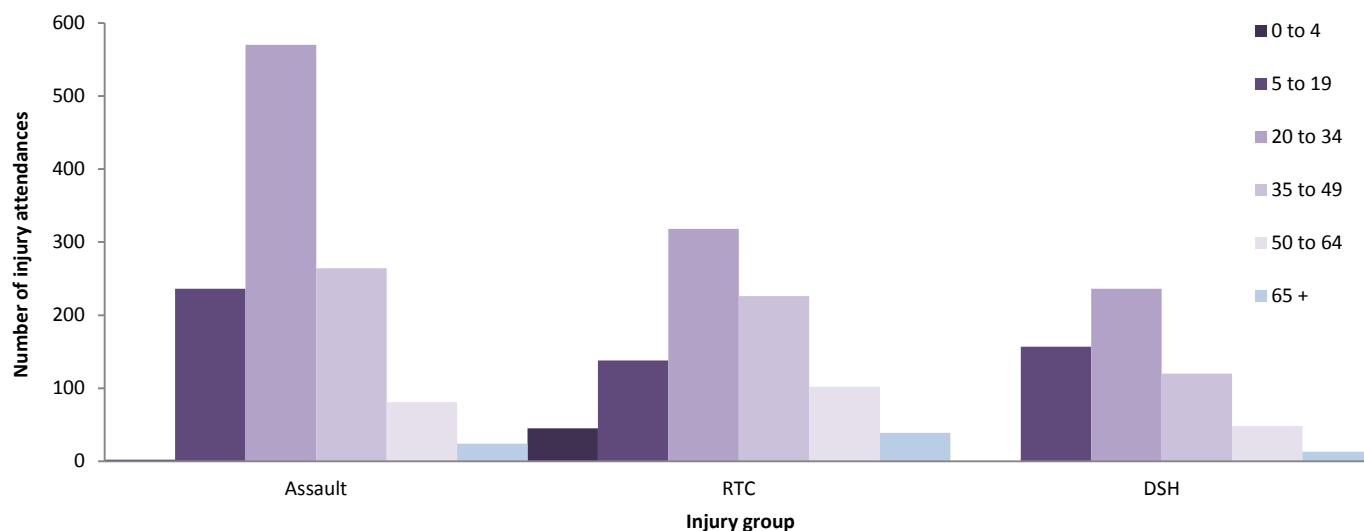


Table 2: Royal Albert Edward Infirmary ED: Total injury attendances by location of incident and month, April 2013 to March 2014

Location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home	1334	1412	1378	1602	1508	1301	1191	1100	1129	1083	1037	1285	15360	47
Other	880	918	965	997	870	947	855	747	589	693	681	976	10118	31
Work	185	223	197	236	236	214	277	245	198	235	216	224	2686	8
Public place	206	265	211	202	195	220	222	208	247	158	174	200	2508	8
Educational establishment	172	197	190	126	9	148	207	202	142	138	148	221	1900	6
Total	2777	3015	2941	3163	2818	2830	2752	2502	2305	2307	2256	2906	32572	100

Table 3: Royal Albert Edward Infirmary ED: Total injury attendances by ethnicity and month, April 2013 to March 2014^{1,2,3}

Ethnicity	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
White	2684	2907	2829	3057	2731	2711	2682	2417	2246	2238	2196	2809	31507	97
Not recorded	24	40	41	29	28	30	27	31	16	27	25	29	347	1
Not stated	33	27	36	34	33	34	17	13	17	16	14	35	309	1
Mixed	14	12	13	14	10	25	5	12	7	12	9	12	145	0
Black	13	15	10	9	<10	11	10	15	5	6	***	10	111	0
Chinese	***	***	***	9	***	***	***	***	***	***	***	***	42	0
Asian other	***	***	***	***	***	6	***	***	***	***	***	***	41	0
Indian	***	5	***	***	***	5	***	***	6	***	***	***	39	0
Pakistani	***	***	***	***	***	***	***	***	***	***	***	***	20	0
Any other ethnic group	0	0	***	***	***	***	0	***	***	***	0	0	<15	0
Bangladeshi	0	0	0	0	0	***	0	0	0	0	0	0	<5	0
Total	2777	3015	2941	3163	2818	2830	2752	2502	2305	2307	2256	2906	32572	100

Table 4: Royal Albert Edward Infirmary ED: Total injury attendances by method of disposal and month, April 2013 to March 2014⁴

Disposal	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	1558	1684	1612	1715	1559	1547	1497	1381	1197	1237	1086	1360	17433	54
Referral/follow-up	1065	1148	1147	1243	1074	1112	1025	944	943	897	881	1148	12627	39
Admitted	142	175	174	195	177	160	222	171	159	164	106	202	2047	6
Other	12	8	8	10	8	11	8	6	6	9	183	196	465	1
Total	2777	3015	2941	3163	2818	2830	2752	2502	2305	2307	2256	2906	32572	100

Table 5: Royal Albert Edward Infirmary ED: Total injury attendances by method of disposal and injury group, April 2013 to March 2014

Disposal	Assault		DSH		Other injury		RTC		Total	
	n	%	n	%	n	%	n	%	n	%
Discharged	616	52	190	33	15902	53	725	84	17433	54
Referral/follow-up	457	39	160	28	11893	40	117	13	12627	39
Admitted	90	8	212	37	1724	6	21	2	2047	6
Other	14	1	12	2	434	1	5	1	465	1
Total	1177	100	574	100	29953	100	868	100	32572	100

Table 6: Royal Albert Edward Infirmary ED: Total injury attendances by arrival mode and month, April 2013 to March 2014

Arrival mode	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other	2407	2574	2547	2732	2407	2389	2323	2113	1906	1872	1914	2528	27712	85
Brought in by Ambulance	370	441	394	431	411	441	429	389	399	435	342	378	4860	15
Total	2777	3015	2941	3163	2818	2830	2752	2502	2305	2307	2256	2906	32572	100

Table 7: Royal Albert Edward Infirmary ED: Total assault and injury attendances by gender, mode of arrival, incident location and age group, April 2013 to March 2014^{1,2}

	Assault attendees (n=1,177)		All injuries % (n=32,572)	
	n	%	%	
Gender				
Male	816	69	56	
Female	361	31	44	
Location				
Other	352	30	31	
Public place	393	33	8	
Home	332	28	47	
Work	75	6	8	
Educational establishment	25	2	6	
Age group				
0 to 4	***	0	9	
5 to 19	236	20	27	
20 to 34	570	48	23	
35 to 49	264	22	17	
50 to 64	81	7	11	
65 plus	<25	2	13	

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¹ 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; Black=African, Caribbean, other black.

⁴ 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.