



# TIIG

INJURY SURVEILLANCE IN THE NORTH WEST OF ENGLAND

## Injury attendances to Royal Albert Edward Infirmary Emergency Department

### July 2012 to June 2013

This report summarises recorded injury attendances to Royal Albert Edward Infirmary Emergency Department (ED) between July 2012 and June 2013.

From July 2012 to June 2013 there were 32,679 injury attendances to Royal Albert Edward Infirmary ED. Males accounted for over half (55%) of all attendances. The month with the highest attendances for injury was May (n=3,015) with February (n=2,337) having the lowest attendances (**Figure 1**). The majority (93%) of attendances were recorded as other injury. Assaults accounted for 3% 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%) or 20 to 34 years (23%) (**Figure 2**). Four in ten (40%) DSH attendees were aged 20 to 34 years (**Figure 3**).

**Table 2** shows the location of the incident of injury attendances. Close to half (46%) of injuries occurred in the home, 9% occurred in a public place, 8% at work and 6% occurred at an educational establishment.

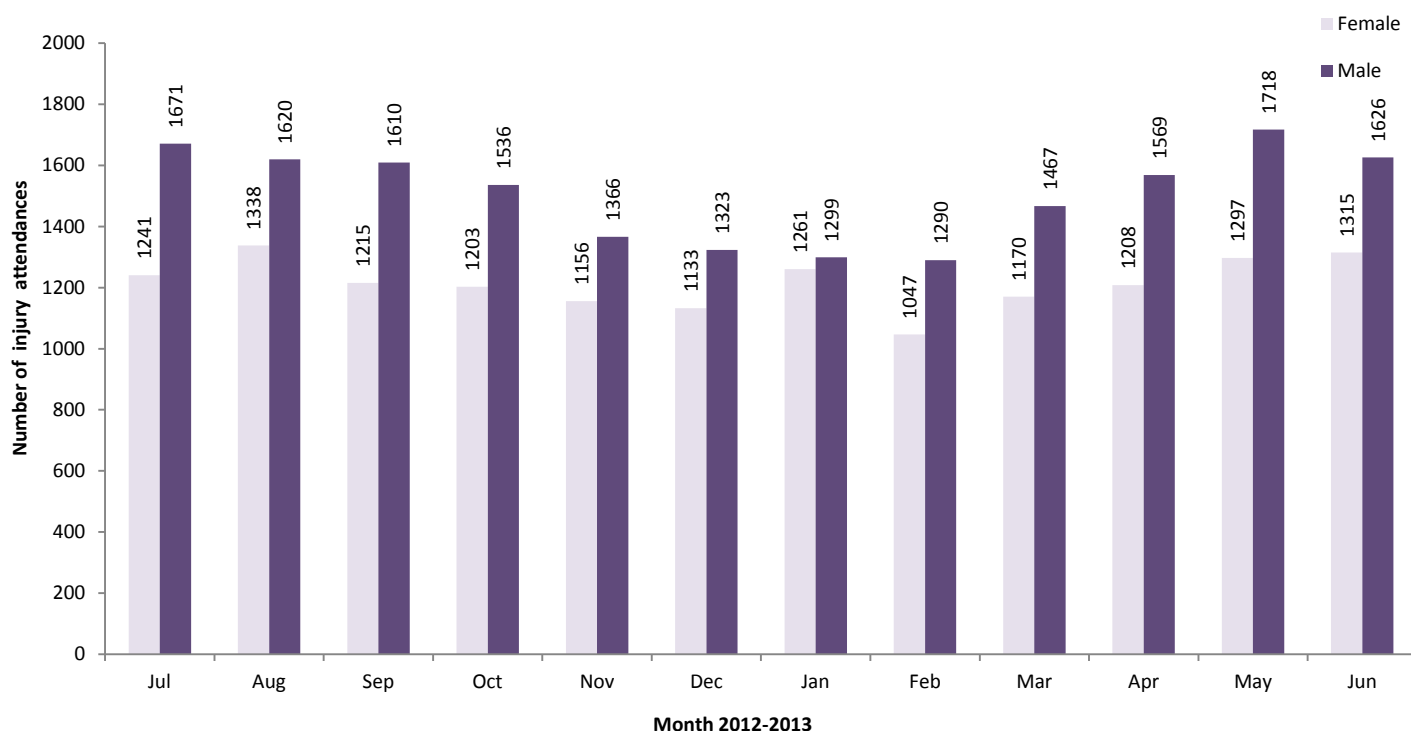
**Table 3** shows the ethnicity of injury attendees to Royal Albert Edward Infirmary ED. The majority (97%) of attendees were recorded as white.

The disposal of a patient can give an indication of the severity of the injuries sustained. Almost six in ten (57%) were discharged, nearly four in ten (38%) were referred and 5% were admitted (**Table 4**). Almost nine in ten (88%) RTC attendees were discharged. Almost four in ten (36%) DSH attendees and assault attendees (39%) 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. Seven in ten (70%) of assault attendees were male and nearly half (48%) were aged 20 to 34 years. Over a third (36%) of assaults occurred in a public place.

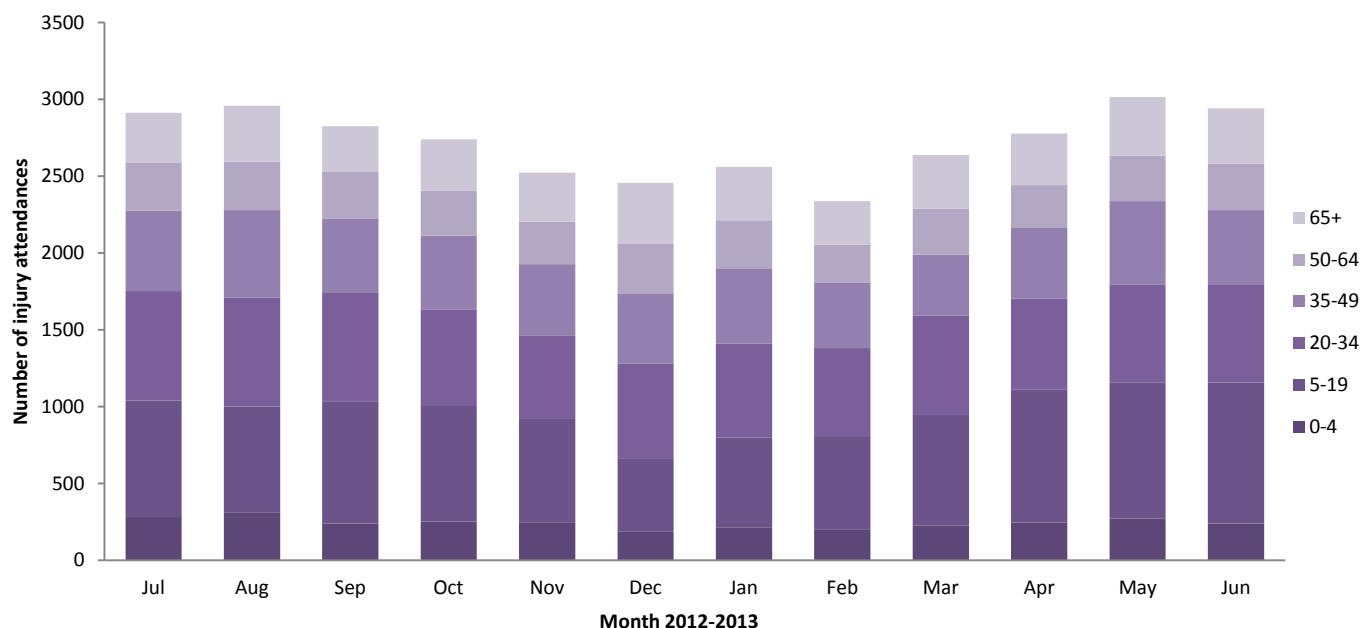
**Figure 1: Royal Albert Edward Infirmary ED: Total injury attendances by gender and month, July 2012 to June 2013**



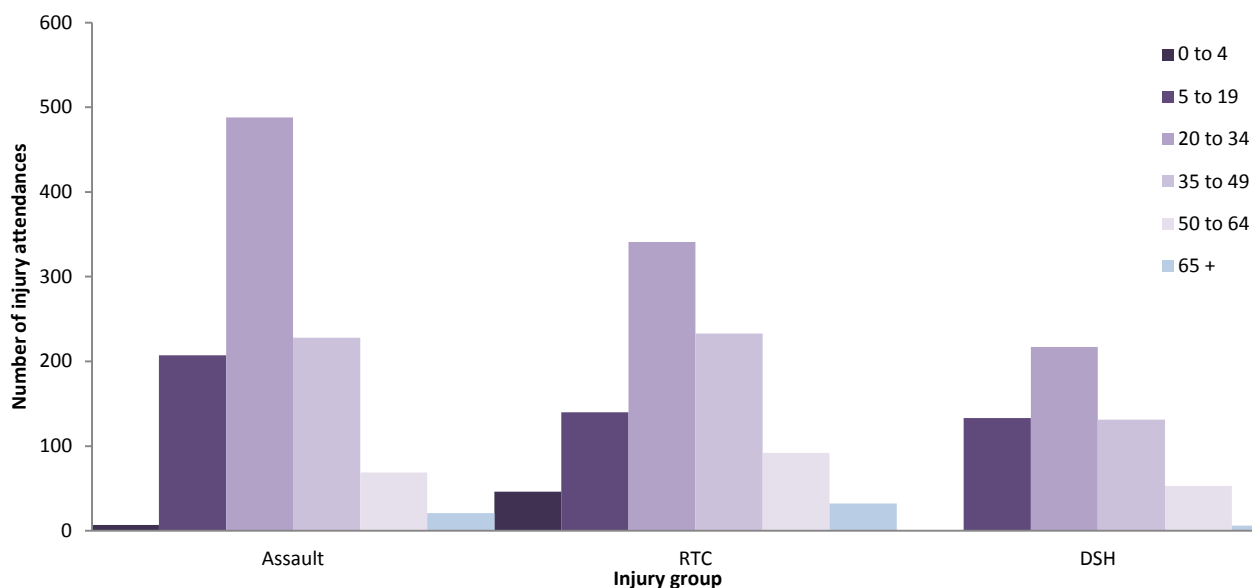
**Table 1: Royal Albert Edward Infirmary ED: Total injury attendances by injury group and month, July 2012 to June 2013**

Injury group	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Other injury	2698	2743	2604	2559	2320	2230	2371	2136	2444	2600	2783	2747	30235	93
Assault	87	91	83	66	82	114	78	75	75	80	114	75	1020	3
Road traffic accident	80	70	84	76	78	71	62	73	77	60	79	74	884	3
Deliberate self-harm	47	54	54	38	42	41	49	53	41	37	39	45	540	2
<b>Total</b>	<b>2912</b>	<b>2958</b>	<b>2825</b>	<b>2739</b>	<b>2522</b>	<b>2456</b>	<b>2560</b>	<b>2337</b>	<b>2637</b>	<b>2777</b>	<b>3015</b>	<b>2941</b>	<b>32679</b>	<b>100</b>

**Figure 2: Royal Albert Edward Infirmary ED: Total injury attendances by age group and month, July 2012 to June 2013**



**Figure 3: Royal Albert Edward Infirmary ED: Total injury attendances by age group and injury group (excluding other injury), July 2012 to June 2013**



**Table 2: Royal Albert Edward Infirmary ED: Total injury attendances by location of incident and month, July 2012 to June 2013<sup>1</sup>**

Location	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Home	1298	1369	1214	1148	1155	1203	1277	1042	1239	1334	1412	1378	15069	46
Other	992	1020	887	901	817	708	766	791	808	880	918	965	10453	32
Public place	295	313	361	240	165	248	191	175	206	206	265	211	2876	9
Work	219	<255	203	225	207	<195	190	179	200	185	223	197	2474	8
Educational establishment	108	***	160	225	178	<105	136	150	184	172	197	190	1807	6
<b>Total</b>	<b>2912</b>	<b>2958</b>	<b>2825</b>	<b>2739</b>	<b>2522</b>	<b>2456</b>	<b>2560</b>	<b>2337</b>	<b>2637</b>	<b>2777</b>	<b>3015</b>	<b>2941</b>	<b>32679</b>	<b>100</b>

**Table 3: Royal Albert Edward Infirmary ED: Total injury attendances by ethnicity and month, July 2012 to June 2013<sup>1,2</sup>**

Ethnicity	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
White	2823	2868	2725	2656	2437	2370	2471	2260	2562	2684	2907	2829	31592	97
Not recorded	29	31	33	29	25	27	31	26	20	24	40	41	356	1
Not stated	22	25	26	18	14	17	21	21	20	33	27	36	280	1
Mixed	8	16	12	18	15	14	14	9	18	14	12	13	163	0
Black	19	6	14	10	14	12	15	7	7	13	15	10	142	0
Asian other	***	***	5	***	***	6	***	***	***	***	***	***	38	0
Indian	***	5	***	***	6	***	***	6	***	***	5	***	38	0
Chinese	***	***	5	***	***	***	***	***	***	***	***	***	33	0
Pakistani	***	***	***	0	***	***	0	***	***	***	***	***	27	0
Any other ethnic group	0	0	0	0	***	***	***	***	0	0	0	***	<10	0
Bangladeshi	0	0	0	***	***	0	0	0	0	0	0	0	***	0
<b>Total</b>	<b>2912</b>	<b>2958</b>	<b>2825</b>	<b>2739</b>	<b>2522</b>	<b>2456</b>	<b>2560</b>	<b>2337</b>	<b>2637</b>	<b>2777</b>	<b>3015</b>	<b>2941</b>	<b>32679</b>	<b>100</b>

<sup>1</sup> 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.

<sup>2</sup> 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 2012 to June 2013<sup>3</sup>**

Disposal	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Discharged	1686	1690	1590	1643	1517	1324	1471	1318	1460	1558	1684	1612	18553	57
Referral/follow-up	1094	1122	1098	981	873	940	933	886	1026	1065	1148	1147	12313	38
Admitted	127	129	126	107	126	182	150	122	143	142	175	174	1703	5
Other	5	17	11	8	6	10	6	11	8	12	8	8	110	0
<b>Total</b>	<b>2912</b>	<b>2958</b>	<b>2825</b>	<b>2739</b>	<b>2522</b>	<b>2456</b>	<b>2560</b>	<b>2337</b>	<b>2637</b>	<b>2777</b>	<b>3015</b>	<b>2941</b>	<b>32679</b>	<b>100</b>

**Table 5: Royal Albert Edward Infirmary ED: Total injury attendances by method of disposal and injury group, July 2012 to June 2013**

Disposal	Assault		DSH		Other injury		RTC		Total	
	n	%	n	%	n	%	n	%	n	%
Discharged	549	54	212	39	17012	56	780	88	18553	57
Referral/follow-up	400	39	195	36	11636	38	82	9	12313	38
Admitted	<60	6	118	22	1507	5	<25	2	1703	5
Other	<15	1	15	3	80	0	***	0	110	0
<b>Total</b>	<b>1020</b>	<b>100</b>	<b>540</b>	<b>100</b>	<b>30235</b>	<b>100</b>	<b>884</b>	<b>100</b>	<b>32679</b>	<b>100</b>

**Table 6: Royal Albert Edward Infirmary ED: Total injury attendances by arrival mode and month, July 2012 to June 2013**

Arrival mode	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Other	2543	2522	2411	2293	2116	2022	2160	1981	2248	2407	2574	2547	27824	85
Brought in by Ambulance	369	436	414	446	406	434	400	356	389	370	441	394	4855	15
<b>Total</b>	<b>2912</b>	<b>2958</b>	<b>2825</b>	<b>2739</b>	<b>2522</b>	<b>2456</b>	<b>2560</b>	<b>2337</b>	<b>2637</b>	<b>2777</b>	<b>3015</b>	<b>2941</b>	<b>32679</b>	<b>100</b>

**Table 7: Royal Albert Edward Infirmary ED: Total assault and injury attendances by gender, mode of arrival, incident location and age group, July 2012 to June 2013**

	Assault attendees (n=1,020)		All injuries % (n=32,679)
	n	%	%
<b>Gender</b>			
Female	307	30	45
Male	713	70	55
<b>Location</b>			
Other	318	31	32
Public place	370	36	9
Home	268	26	46
Work	44	4	8
Educational establishment	20	2	6
<b>Age group</b>			
0 to 4	7	1	9
5 to 19	207	20	27
20 to 34	488	48	23
35 to 49	228	22	18
50 to 64	69	7	11
65 plus	21	2	13

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<sup>3</sup> 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.