

Injury attendances to Royal Oldham Hospital Emergency Department

April 2011 to March 2012

This report summarises recorded injury attendances to Royal Oldham Hospital Emergency Department (ED) between April 2011 and March 2012.

Between April 2011 and March 2012 there were 34,260 injury attendances to Royal Oldham Hospital ED. Males accounted for over half (55%) of all attendances. The month with the highest attendances was July (n=3,280) with December (n=2,370) having the lowest attendances for injury (**Figure 1**). The majority (62%) of attendances were recorded as other injury. Of the specified injury groups, falls (21%) accounted for the highest proportion followed by road traffic collisions (RTC) (7%) and assault (5%) (**Table 1**).

For all injuries, the highest proportions of attendances were for persons aged 5 to 19 (26%) and 20 to 34 years (23%) (**Figure 2**). Over a third (35%) of fall attendees were aged 65 or over (**Figure 3**).

Table 2 shows the location of the incident of injury attendances. Over two-fifths (43%) of injuries occurred in the home. Almost three-quarters (74%) of deliberate self-harm (DSH) injuries and almost a half (49%) of falls occurred in the home.

Table 3 shows the ethnicity of injury attendees to Royal Oldham Hospital ED. Over three-quarters (76%) were white, 9% were Pakistani and 5% were Bangladeshi.

The disposal of a patient can give an indication of the severity of the injuries sustained. Over six in ten (61%) attendees were discharged, over a quarter (26%) had a referral/follow-up and 11% were admitted (**Table 4**). Four in five (80%) RTC attendees were discharged. Almost six in ten (59%) burns and scalds attendees had a referral/follow-up (**Table 5**).

Table 6 shows the arrival methods of injury attendances at Royal Oldham Hospital ED. Nearly seven in ten (67%) arrived by private transport while a fifth (20%) arrived by ambulance.

Table 7 presents data for assault attendances to Royal Oldham ED. Nearly three-quarters (73%) were male and over two-fifths (45%) occurred in a public place. Nearly a half (48%) of attendees were aged 20 to 34 years.

Figure 1: Royal Oldham Hospital ED: Total injury attendances by gender and month, April 2011 to March 2012

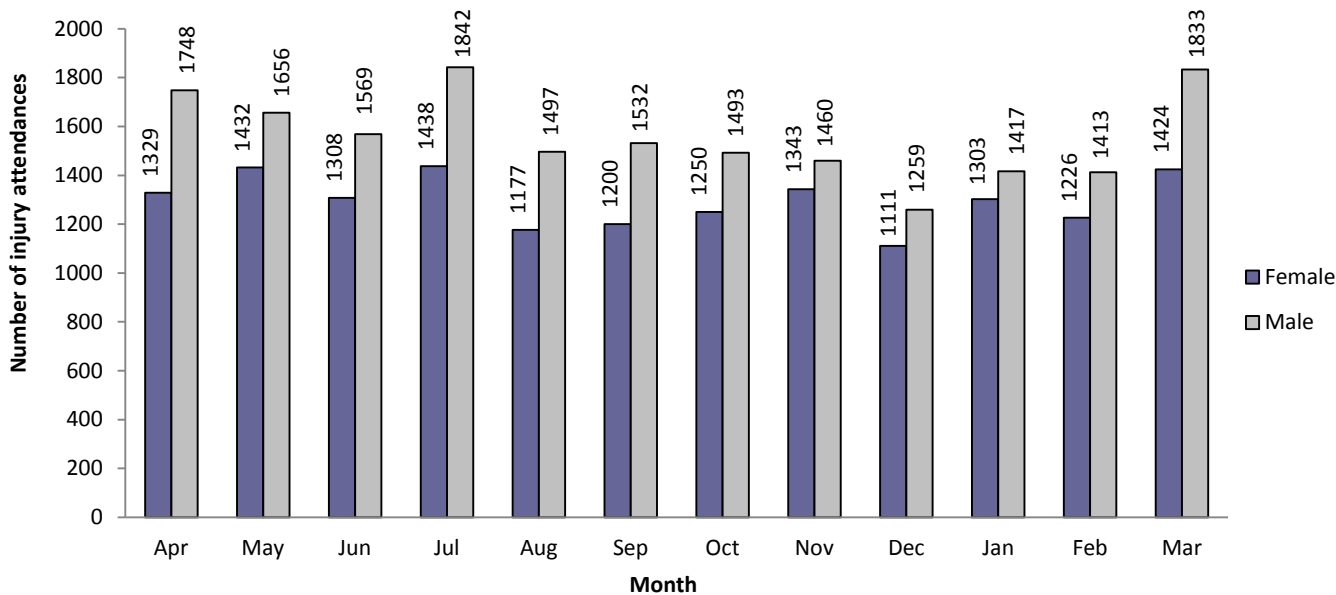
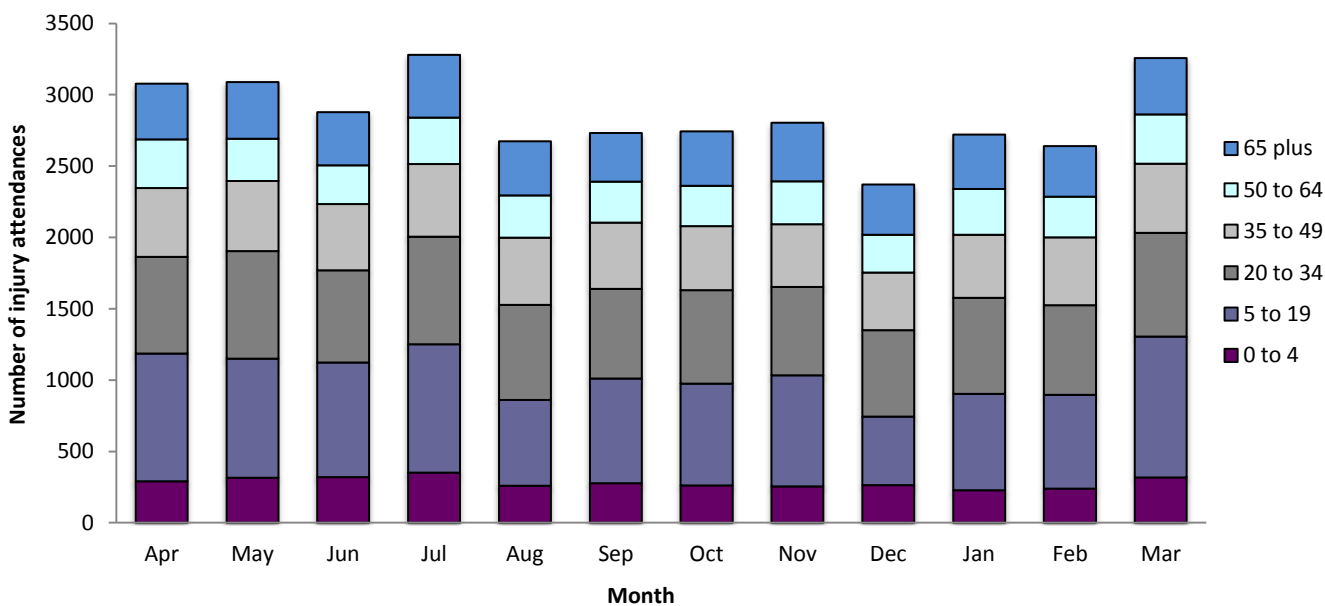


Table 1: Royal Oldham Hospital ED: Total injury attendances by injury group and month, April 2011 to March 2012¹

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other injury	2047	1964	1780	2059	1586	1605	1629	1767	1220	1698	1584	2202	21141	62
Fall	544	622	648	700	612	620	633	566	654	538	591	513	7241	21
RTC	174	221	215	196	172	218	217	194	218	223	217	215	2480	7
Assault	144	137	94	143	137	123	122	142	157	137	116	141	1593	5
Burns and scalds	68	54	60	75	56	64	58	64	54	51	66	87	757	2
Bites and stings	55	50	56	63	69	71	48	36	37	39	32	50	606	2
DSH	45	40	24	44	42	31	36	34	30	34	33	49	442	1
Total	3077	3088	2877	3280	2674	2732	2743	2803	2370	2720	2639	3257	34260	100

Figure 2: Royal Oldham Hospital ED: Total injury attendances by age group and month, April 2011 to March 2012



¹ Due to low numbers drowning/immersion (n<5), firework (n<5), sports injury (n<5), and electrical accident (n=43) were included in other injury.

Figure 3: Royal Oldham Hospital ED: Total injury attendances by age group and injury group (excluding other injury), April 2011 to March 2012

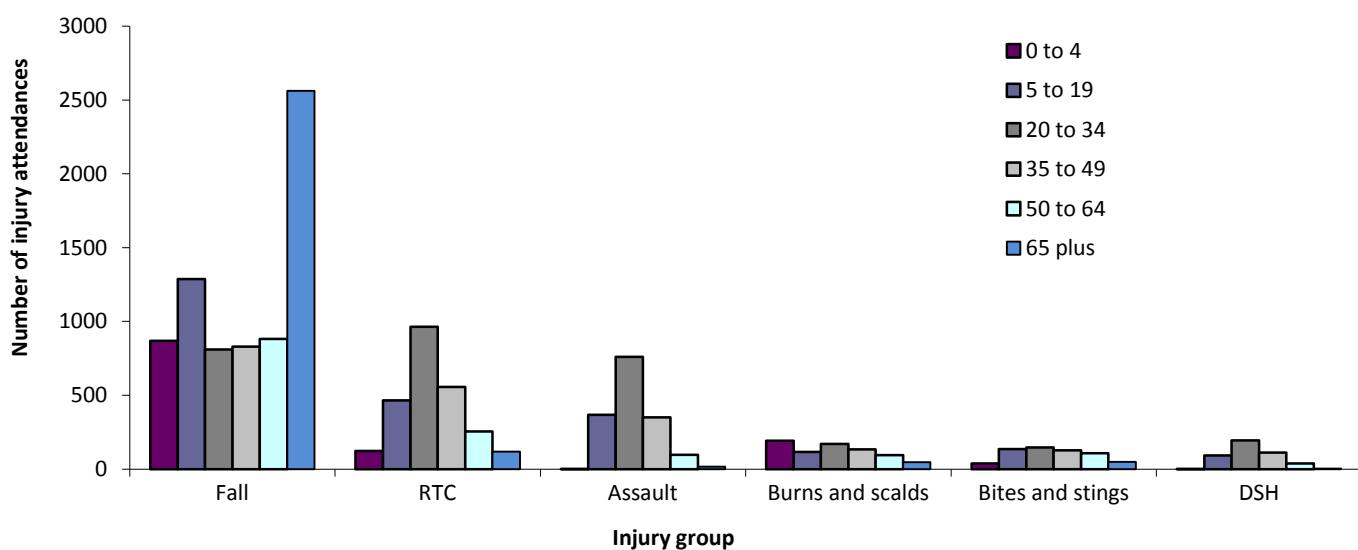


Table 2: Royal Oldham Hospital ED: Total injury attendances by incident location and injury group, April 2011 to March 2012^{2*}

Location	Assault		Bites and stings		Burns and scalds		DSH		Fall		Other injury		RTC		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Home	377	24	265	44	365	48	329	74	3537	49	9711	46	61	2	14645	43
Other	399	25	99	16	54	7	67	15	837	12	4235	20	2298	93	7989	23
Public place	723	45	141	23	21	3	34	8	1721	24	3387	16	79	3	6106	18
Work	47	3	***	6	***	13	***	0	177	2	1691	8	***	0	2059	6
Educational establishment	30	2	***	0	***	0	***	1	273	4	1546	7	***	0	1859	5
Not recorded	17	1	62	10	216	29	8	2	696	10	571	3	32	1	1602	5
Total	1593	100	606	100	757	100	442	100	7241	100	21141	100	2480	100	34260	100

*Percentages may not add to 100 due to rounding.

Table 3: Royal Oldham Hospital ED: Total injury attendances by ethnicity and month, April 2011 to March 2012³

Ethnicity	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
White	2317	2348	2102	2473	2068	2075	2089	2156	1771	2053	2018	2490	25960	76
Pakistani	270	253	320	304	214	220	233	257	232	253	242	254	3052	9
Not recorded	249	241	212	254	202	175	195	186	162	201	182	264	2523	7
Bangladeshi	155	150	160	158	110	166	145	125	131	141	119	136	1696	5
Mixed	31	34	23	30	18	23	17	14	17	16	17	30	270	1
Any other ethnic group	17	29	19	27	16	21	21	22	19	18	23	19	251	1
Black	19	9	17	16	26	26	16	26	16	24	22	32	249	1
Any other Asian background	7	12	10	8	11	13	11	7	13	6	7	15	120	0
Indian	***	***	***	***	***	***	***	***	***	***	***	***	103	0
Chinese	***	***	***	***	***	***	***	***	***	***	***	***	36	0
Total	3077	3088	2877	3280	2674	2732	2743	2803	2370	2720	2639	3257	34260	100

Table 4: Royal Oldham Hospital ED: Total injury attendances by method of disposal and month, April 2011 to March 2012⁴

Disposal	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	1914	1854	1777	2007	1527	1735	1754	1691	1441	1654	1566	1888	20808	61
Referral/follow-up	810	834	747	884	741	640	636	746	551	741	754	961	9045	26
Admitted	302	347	301	330	331	312	318	333	323	293	274	362	3826	11
Other	51	53	52	59	75	45	35	33	55	32	45	46	581	2
Total	3077	3088	2877	3280	2674	2732	2743	2803	2370	2720	2639	3257	34260	100

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 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.

Table 5: Royal Oldham Hospital ED: Total injury attendances by method of disposal and injury group, April 2011 to March 2012*

Disposal	Assault		Bites and stings		Burns and scalds		DSH		Fall		Other injury		RTC		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Discharged	777	49	381	63	231	31	196	44	3527	49	13719	65	1977	80	20808	61
Referral/follow-up	293	18	191	32	446	59	73	17	1682	23	6052	29	308	12	9045	26
Admitted	339	21	29	5	59	8	96	22	1857	26	1294	6	152	6	3826	11
Other	184	12	5	1	21	3	77	17	175	2	76	0	43	2	581	2
Total	1593	100	606	100	757	100	442	100	7241	100	21141	100	2480	100	34260	100

*Percentages may not add to 100 due to rounding.

Table 6: Royal Oldham Hospital ED: Total injury attendances by mode of arrival and month, April 2011 to March 2012*

Arrival mode	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Private transport	2061	2102	1939	2200	1783	1813	1856	1861	1460	1843	1735	2171	22824	67
Ambulance	607	527	516	625	562	522	531	572	557	546	506	631	6702	20
Other	137	212	146	172	131	133	145	134	120	110	143	149	1732	5
Taxi	131	137	132	141	93	130	104	122	133	93	127	137	1480	4
Foot	51	48	49	66	39	61	41	52	48	62	62	81	660	2
Public transport	51	31	51	45	31	44	29	36	19	31	42	46	456	1
Work transport	16	11	30	20	19	22	24	11	19	17	10	25	224	1
Police	23	20	14	11	16	7	13	15	14	18	14	17	182	1
Total	3077	3088	2877	3280	2674	2732	2743	2803	2370	2720	2639	3257	34260	100

*Percentages may not add to 100 due to rounding.

Table 7: Royal Oldham Hospital ED: Total injury and assault attendances by gender, incident location, and age group, April 2011 to March 2012*

	Assaults (n=1,593)	All injuries (n=34,260)
Sex	%	%
Female	27	45
Male	73	55
Location		
Public place	45	18
Home	24	43
Other	25	23
Work	3	6
Educational establishment	2	5
Not recorded	1	5
Age group		
0 - 4	0	10
5 - 19	23	26
20 - 34	48	23
35 - 49	22	16
50 - 64	6	11
65 plus	1	13

*Percentages may not add to 100 due to rounding.

Author: Ian Warren, published May 2012

For further information please contact: Centre for Public Health, Liverpool John Moores University, 2nd Floor, Henry Cotton Building, 15-21 Webster Street, Liverpool, L3 2ET, Tel: 0151 231 4513 or Email: i.j.warren@ljmu.ac.uk Website: www.tiig.info