

Injury attendances to Royal Oldham Hospital Emergency Department

July 2010 to June 2011

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

Between July 2010 and June 2011 there were 31,450 injury attendances to Royal Oldham Hospital ED. Males accounted for over half (54%) of all attendances. The month with the highest attendances was May (n=3,088) with December (n=2,247) having the lowest attendances for injury (**Figure 1**). The majority (65%) of attendances were recorded as other injury. Of the specified injury groups fall (19%) accounted for the highest proportion followed by road traffic collisions (RTCs) (7%) (**Table 1**).

For all injuries the highest proportions of attendances were for persons aged 5 to 19 (27%) and 20 to 34 years (23%) (**Figure 2**). Nearly two-fifths (39%) of fall attendees were aged 65 or over (**Figure 3**).

Table 2 shows the location of the incident of injury attendances. Nearly a half (45%) of injuries occurred in the home. Three-quarters (75%) of deliberate self-harm (DSH) injuries and over a half (54%) of falls occurred in the home.

Table 3 shows the ethnicity of injury attendees to Royal Oldham Hospital ED. Three-quarters (75%) 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. Nearly two-thirds (61%) of attendees were discharged, over a quarter (27%) had a referral/follow-up and 10% were admitted (**Table 4**). Over four in five (81%) of RTC attendees were discharged. Over one in ten (14%) of DSH attendees and over half (57%) of 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 (69%) arrived by private transport while nearly one in five (19%) arrived by ambulance.

Table 7 presents data for assault attendances to Royal Oldham ED. Nearly three-quarters (74%) were male, over two-fifths (43%) occurred in a public place, nearly a half (47%) of attendees were aged 20 to 34, and over a third (34%) presented at the ED on weekend nights.

Figure 4 (a-d) shows crude rates of attendance at Royal Oldham Hospital 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 Oldham Hospital ED: Total injury attendances by gender and month, July 2010 to June 2011

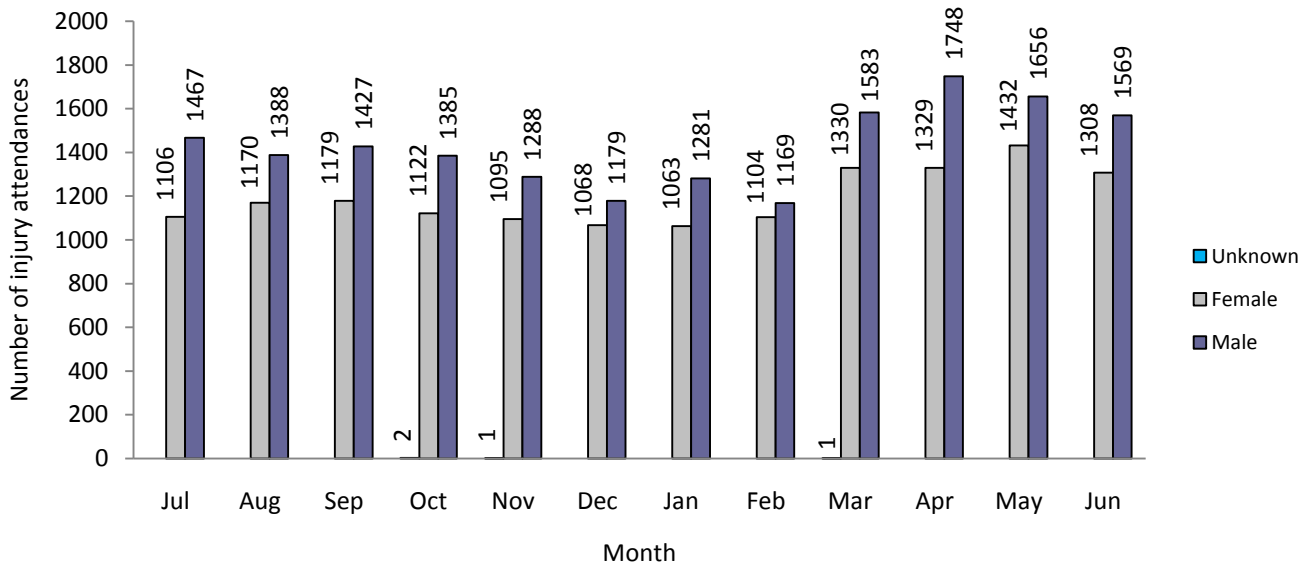
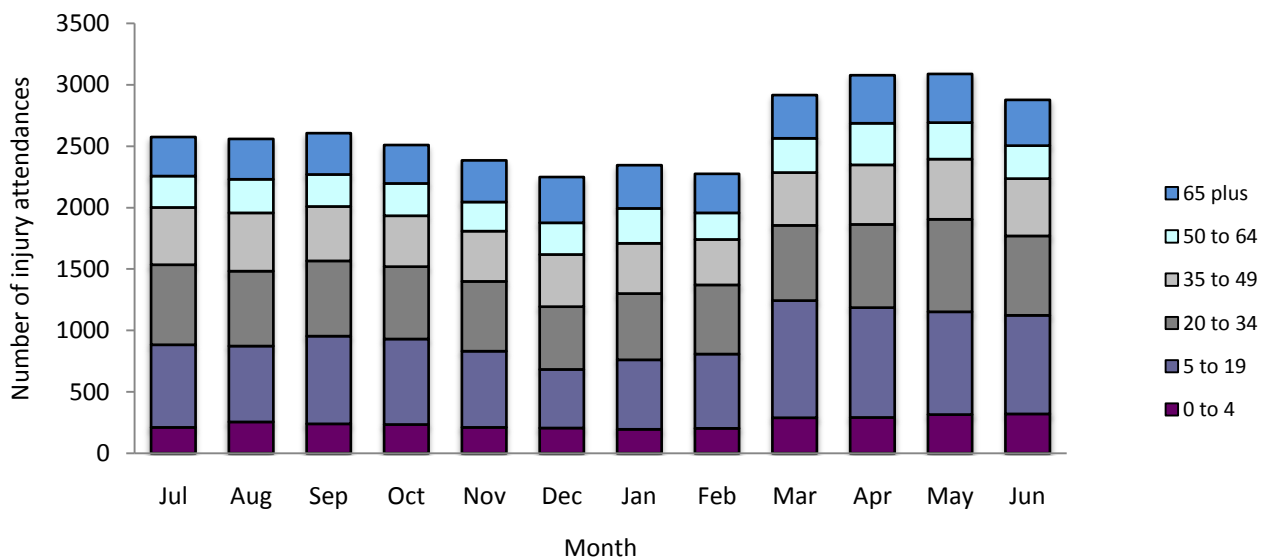


Table 1: Royal Oldham Hospital ED: Total injury attendances by injury group and month, July 2010 to June 2011²

Injury group	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Other injury	1791	1784	1782	1635	1552	1388	1445	1480	1929	2047	1964	1780	20577	65
Fall	378	392	429	440	401	511	480	448	564	544	622	648	5857	19
RTC	164	181	158	210	197	147	182	133	177	174	221	215	2159	7
Assault	110	75	90	116	105	101	111	106	107	144	137	94	1296	4
Burns and scalds	53	57	66	39	61	40	59	37	48	68	54	60	642	2
Bites and stings	63	45	53	44	32	32	31	31	45	55	50	56	537	2
DSH	14	24	28	25	36	28	36	38	44	45	40	24	382	1
Total	2573	2558	2606	2509	2384	2247	2344	2273	2914	3077	3088	2877	31450	100

Figure 2: Royal Oldham Hospital ED: Total injury attendances by age group and month, July 2010 to June 2011



² Due to low numbers firework (n=13) and electrical accident (n=38) were included in other injury.

Figure 3: Royal Oldham Hospital ED: Total injury attendances by age group and injury group (excluding other injury), July 2010 to June 2011

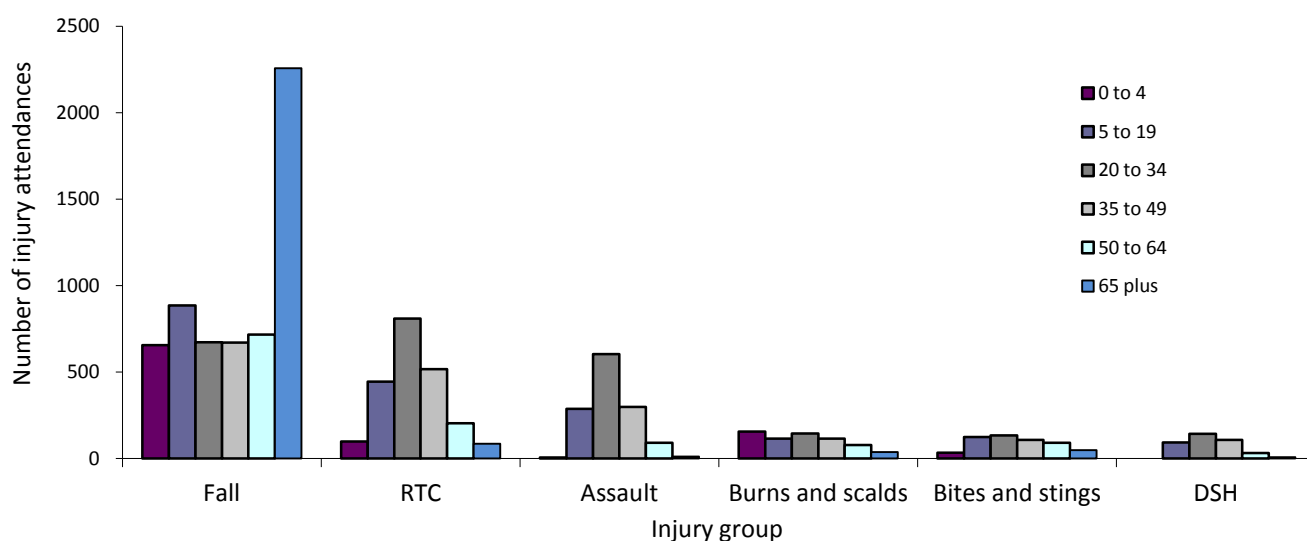


Table 2: Royal Oldham Hospital ED: Total injury attendances by location of incident and month, July 2010 to June 2011^{3*}

Location	Assault		Bites and stings		Burns and scalds		DSH		Fall		Other injury		RTC		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Not recorded	24	2	20	4	151	24	11	3	653	11	399	2	31	1	1289	4
Educational establishment	24	2	***	***	6	1	***	***	203	3	1487	7	***	***	1726	5
Home	308	24	233	43	354	55	288	75	3149	54	9774	47	82	4	14188	45
Other	346	27	116	22	38	6	53	14	433	7	4222	21	1975	91	7183	23
Public place	560	43	127	24	15	2	29	8	1271	22	3136	15	56	3	5194	17
Work	34	3	***	***	78	12	***	***	148	3	1559	8	***	***	1870	6
Total	1296	100	537	100	642	100	382	100	5857	100	20577	100	2159	100	31450	100

*Percentages may not add to 100 due to rounding.

Table 3: Royal Oldham Hospital ED: Total injury attendances by ethnicity and month, July 2010 to June 2011⁴

Ethnicity	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
White	1911	1924	2025	1896	1774	1705	1803	1725	2144	2317	2348	2102	23674	75
Pakistani	206	212	204	202	211	190	194	192	250	270	253	320	2704	9
Not stated	249	244	194	225	197	180	167	171	287	247	239	211	2611	8
Bangladeshi	128	97	118	113	124	111	110	113	151	155	150	160	1530	5
Other	28	35	37	32	27	18	20	27	33	24	41	29	351	1
Mixed	19	15	8	17	16	12	13	20	23	31	34	23	231	1
Black	15	22	15	14	18	13	22	10	14	19	9	17	188	1
Indian	12	***	***	6	9	9	7	10	7	10	10	11	98	0
Not recorded	***	***	***	***	***	***	***	***	***	***	***	***	33	0
Chinese	***	***	***	***	***	***	***	***	***	***	***	***	30	0
Total	2573	2558	2606	2509	2384	2247	2344	2273	2914	3077	3088	2877	31450	100

³ 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.

⁴ 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 Oldham Hospital ED: Total injury attendances by method of disposal and month, July 2010 to June 2011⁵

Disposal	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Discharged	1565	1424	1583	1573	1535	1342	1440	1401	1777	1914	1854	1777	19185	61
Referred/follow-up	729	831	692	656	586	596	582	587	828	810	834	747	8478	27
Admitted	240	263	288	233	224	244	276	244	261	302	347	301	3223	10
Other	39	40	43	47	39	65	46	41	48	51	53	52	564	2
Total	2573	2558	2606	2509	2384	2247	2344	2273	2914	3077	3088	2877	31450	100

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

Disposal	Assault		Bites and stings		Burns and scalds		DSH		Fall		Other injury		RTC		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Discharged	606	47	337	63	222	35	190	50	2779	47	13310	65	1741	81	19185	61
Referred/follow-up	267	21	172	32	364	57	52	14	1366	23	6033	29	224	10	8478	27
Admitted	243	19	***	***	***	***	79	21	1542	26	1165	6	131	6	3223	10
Other	180	14	***	***	***	***	61	16	170	3	69	0	63	3	564	2
Total	1296	100	537	100	642	100	382	100	5857	100	20577	100	2159	100	31450	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, July 2010 to June 2011

Arrival mode	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Private transport	1877	1822	1856	1768	1621	1509	1560	1568	2079	2061	2102	1939	21762	69
Ambulance	397	448	463	478	489	490	506	486	540	607	527	516	5947	19
Taxi	108	96	90	83	73	101	108	74	127	131	137	132	1260	4
Not recorded	53	50	78	76	77	34	62	41	41	130	198	133	973	3
Foot	48	64	35	20	39	27	40	26	55	51	48	49	502	2
Public transport	53	43	41	42	35	30	22	37	38	51	31	51	474	2
Police	9	18	13	16	25	25	18	23	12	23	20	14	216	1
Work transport	16	13	23	17	20	22	18	12	18	16	11	30	216	1
Other	***	***	***	***	***	***	***	***	***	***	6	8	65	0
Not known	***	***	***	***	***	***	***	***	***	***	8	5	35	0
Total	2573	2558	2606	2509	2384	2247	2344	2273	2914	3077	3088	2877	31450	100

*Percentages may not add to 100 due to rounding.

⁵ 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 7: North Manchester General Hospital ED: Assault attendances by gender, incident location, age group and day/time of attendance, July 2010 to June 2011*

	Assaults (n=1,296)	All injuries (n=31,450)
Sex	%	%
Female	26	46
Male	74	54
Location		
Public place	43	17
Home	24	45
Other	27	23
Work	3	6
Educational establishment	2	5
Not recorded	2	4
Age group		
0 - 4	0	9
5 - 19	22	27
20 - 34	47	23
35 - 49	23	17
50 - 64	7	10
65 plus	1	13
Day & time		
Weekend nights**	34	10
Weekend days	22	20
Weekdays	45	69

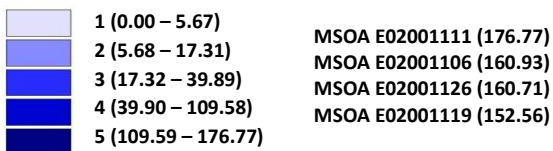
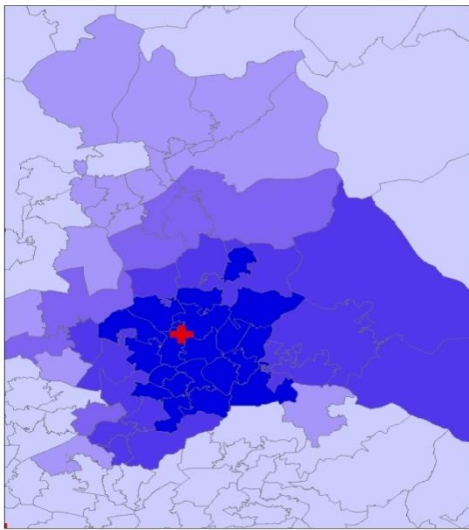
*Percentages may not add to 100 due to rounding.

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

Figure 4a,b,c,d: Middle Super Output Area of residence for injury attendances to Royal Oldham Hospital ED. Quintiles of crude rates per 1,000 population, July 2010 to June 2011

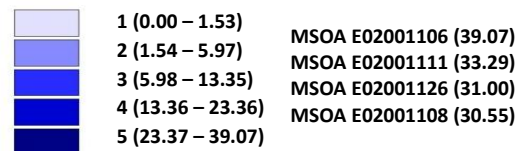
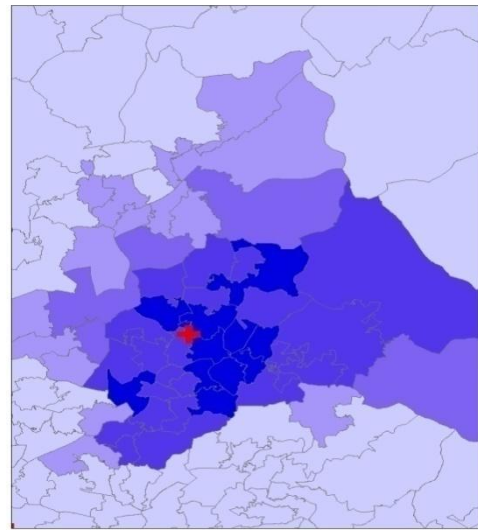
a) All attendances: quintiles of crude rates per 1,000 population

✚ Royal Oldham Hospital ED



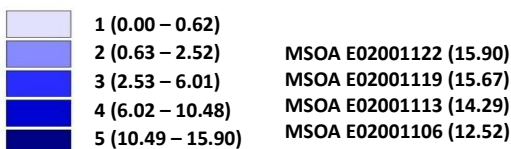
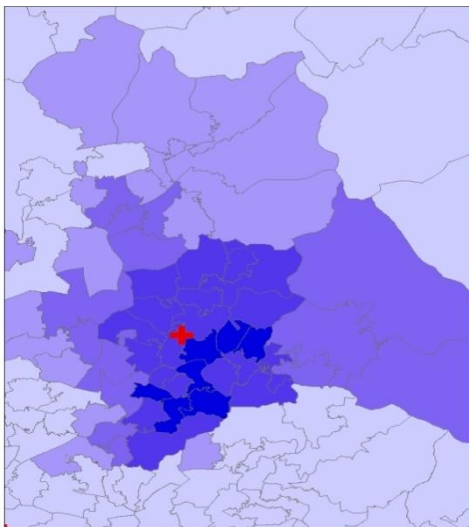
b) Fall: quintiles of crude rates per 1,000 population

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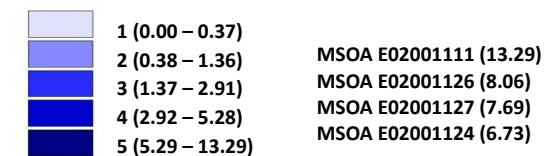
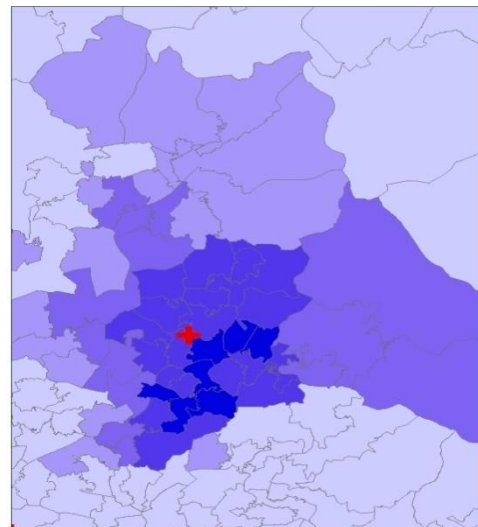
c) RTC: quintiles of crude rates per 1,000 population

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

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Author: Ian Warren, published September 2011

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