

Injury attendances to Royal Oldham Hospital Emergency Department

April 2009 to March 2010

This report summarises recorded injury attendances to Royal Oldham Hospital Emergency Department (ED) between April 2009 and March 2010.

Between April 2009 and March 2010 there were 28,794 injury attendances to Royal Oldham Hospital ED. Males accounted for over half of all attendances (n=15,961; 55%). The month with the highest attendances was March (n=2,649) with February (n=2,060) having the lowest attendances for injury (**Figure 1**). The majority of attendances were recorded as other injury (69%). Of the specified injury groups fall (19%) accounted for the highest proportion followed by assault (5%) (**Table 1**).

For all injuries the highest proportions of attendances were for persons aged 5 to 19 (26%) and 20 to 34 (25%) (**Figure 2**). Nearly two-fifths of fall attendees (38%) were aged 65 or over. Over two-fifths (42%) of assault attendees were aged 20 to 34. Nearly two-fifths (39%) of RTC attendees were aged 20 to 34 (**Figure 3**).

Table 2 shows the location of the incident of injury attendances. Over two-fifths (43%) of injuries occurred in the home. Nearly a half (47%) of assaults occurred in a public place. Over three-quarters (76%) of deliberate self-harm (DSH) injuries and over half (52%) of falls occurred in the home.

Table 3 shows the ethnicity of injury attendees to Royal Oldham Hospital ED. Three-quarters (n=21,487; 75%) were white, 8% 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 (63%) of attendees were discharged, over a quarter (26%) were referred and 8% were admitted (**Table 4**). Over three-quarters (77%) of RTC attendees were discharged. Over one in ten (11%) of DSH attendees and over half (51%) of burn/scald attendees had a referral/follow-up (**Table 5**).

Table 6 shows the arrival methods of injury attendances at Royal Oldham Hospital ED. Nearly three-quarters (72%) arrived by car while one in six (17%) arrived by ambulance.

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, April 2009 to March 2010

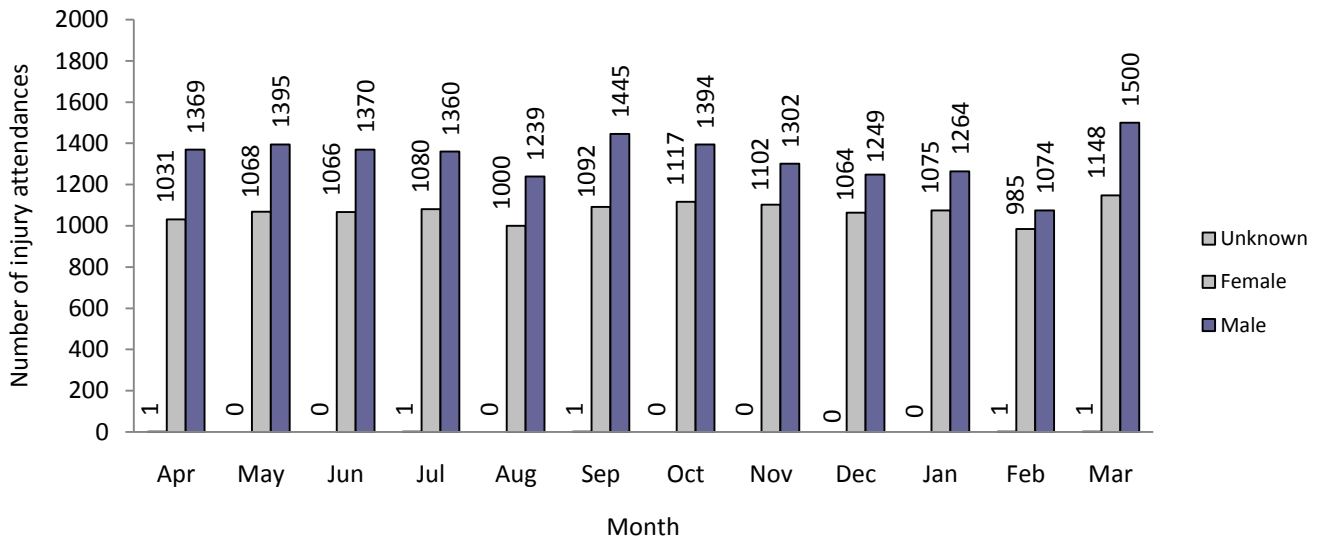


Table 1: Royal Oldham Hospital ED: Total injury attendances by injury group and month, April 2009 to March 2010

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other injury	1612	1648	1691	1691	1549	1814	1785	1538	1416	1467	1446	1910	19567	69
Fall	476	434	426	463	389	459	435	557	575	552	333	399	5498	19
Assault	130	155	135	100	149	106	90	121	106	101	102	89	1384	5
RTC	60	83	47	51	37	60	80	110	110	129	97	143	1007	2
Burns & scalds	57	81	55	59	50	44	60	44	59	41	42	51	643	2
Bites & stings	56	53	54	59	52	44	36	19	32	24	19	30	478	2
DSH	10	9	28	18	13	11	25	15	15	25	21	27	217	1
Total	2401	2463	2436	2441	2239	2538	2511	2404	2313	2339	2060	2649	28794	100

Figure 2: Royal Oldham Hospital ED: Total injury attendances by age group and month, April 2009 to March 2010

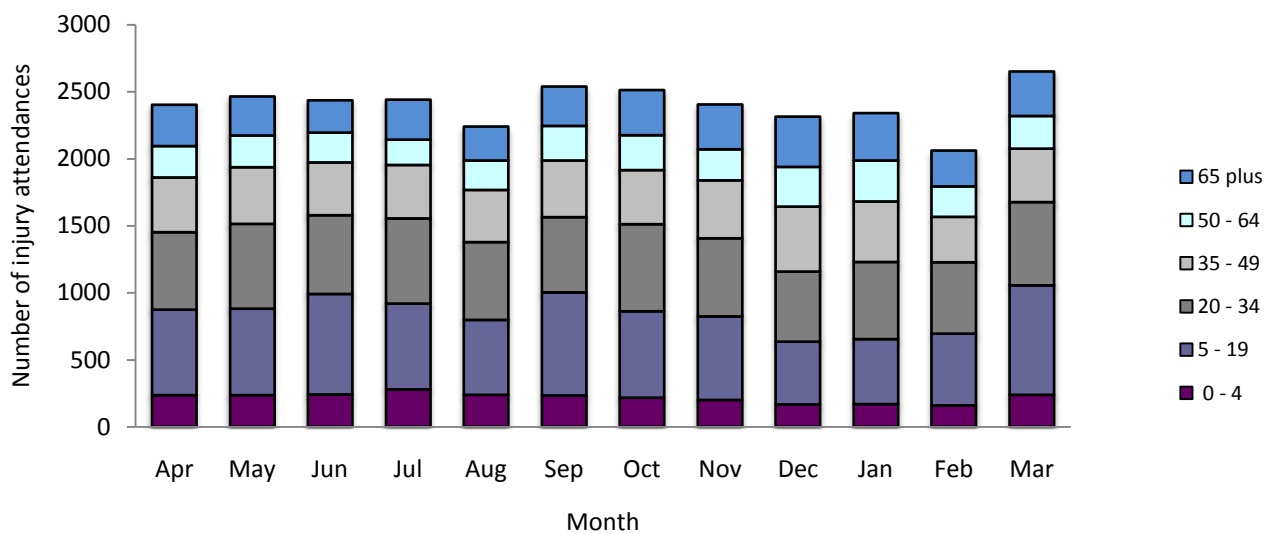


Figure 3: Royal Oldham Hospital ED: Total injury attendances by age group and injury group, April 2009 to March 2010

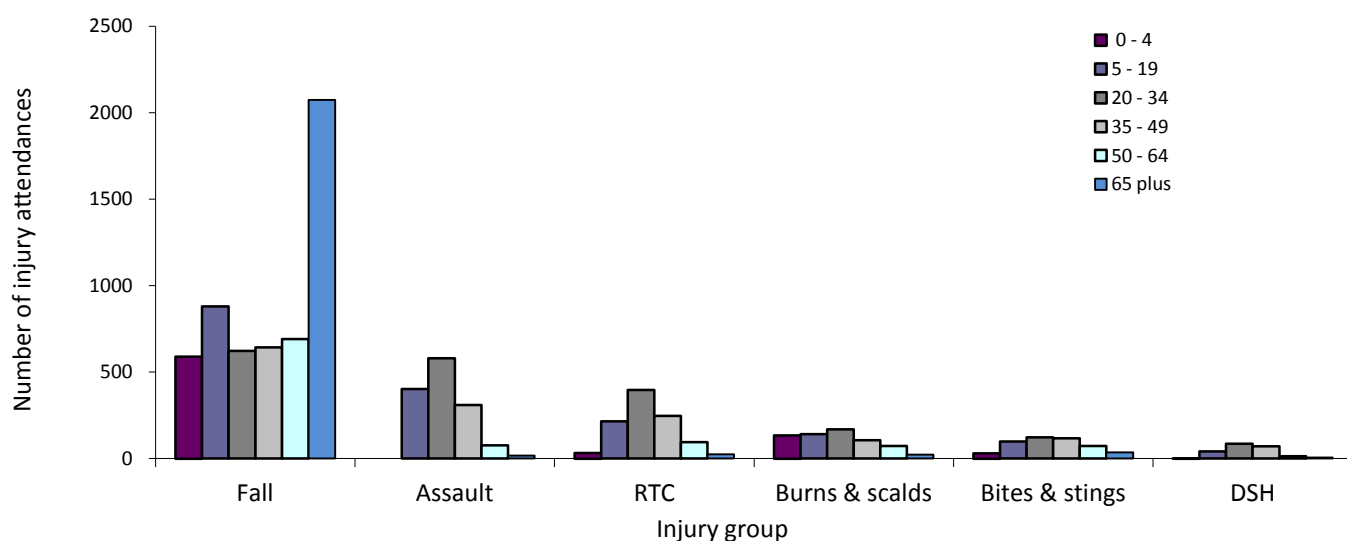


Table 2: Royal Oldham Hospital ED: Total injury attendances by location of incident and month, April 2009 to March 2010²

Location	Assault		Bites & stings		Burns & scalds		DSH		Fall		Other injury		RTC		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Home	262	19	192	40	310	48	165	76	2880	52	8671	44	38	4	12518	43
Other	405	29	128	27	238	37	34	16	916	17	4842	25	900	89	7463	26
Public place	649	47	124	26	19	3	17	8	1332	24	3145	16	68	7	5354	19
Work	46	3	**	**	70	11	**	**	183	3	1603	8	**	**	1932	7
Educational establishment	22	2	**	**	6	1	**	**	187	3	1306	7	**	**	1527	5
Total	1384	100	478	100	643	100	217	100	5498	100	19567	100	1007	100	28794	100

Table 3: Royal Oldham Hospital ED: Total injury attendances by ethnicity and month, April 2009 to March 2010³

Ethnicity	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
White	1798	1790	1777	1764	1652	1946	1893	1805	1745	1789	1578	1950	21487	75
Not known	218	241	279	285	218	224	248	217	241	206	190	276	2843	10
Pakistani	190	237	162	212	182	205	205	194	162	152	152	227	2280	8
Bangladeshi	129	125	151	119	126	104	107	117	100	118	94	126	1416	5
Black	18	19	22	12	17	15	18	25	9	20	10	19	204	1
Any Other ethnic Group	20	25	13	12	21	17	13	15	13	17	15	18	199	1
Mixed	18	12	9	9	13	14	13	7	20	10	5	9	139	0
Any Other Asian Background	8	6	12	**	**	**	6	14	**	15	**	14	104	0
Indian	**	**	**	10	5	8	**	**	17	9	9	**	96	0
Chinese	**	**	**	**	**	**	**	**	**	**	**	**	26	0
Total	2401	2463	2436	2441	2239	2538	2511	2404	2313	2339	2060	2649	28794	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; 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, April 2009 to March 2010⁴

Disposal method	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	1577	1709	1696	1767	1535	1535	1506	1387	1295	1325	1222	1678	18232	63
Referral/ follow-up	608	551	540	446	472	728	713	716	691	708	585	703	7461	26
Admitted	170	166	142	175	175	209	231	232	244	236	203	216	2399	8
Other	46	37	58	53	57	66	61	69	83	70	50	52	702	2
Total	2401	2463	2436	2441	2239	2538	2511	2404	2313	2339	2060	2649	28794	100

Table 5: Royal Oldham Hospital ED: Total injury attendances by method of disposal and injury group, April 2009 to March 2010

Disposal method	Assault		Bites & stings		Burns & scalds		DSH		Fall		Other injury		RTC		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Discharged	656	47	300	63	230	36	93	43	2645	48	13528	69	780	77	18232	63
Referral/ follow-up	312	23	161	34	328	51	23	11	1379	25	5147	26	111	11	7461	26
Admitted	208	15	**	**	**	**	54	25	1232	22	813	4	57	6	2399	8
Other	208	15	**	**	**	**	47	22	242	4	79	0	59	6	702	2
Total	1384	100	478	100	643	100	217	100	5498	100	19567	100	1007	100	28794	100


Table 6: Royal Oldham Hospital ED: Total injury attendances by mode of arrival and month, April 2009 to March 2010

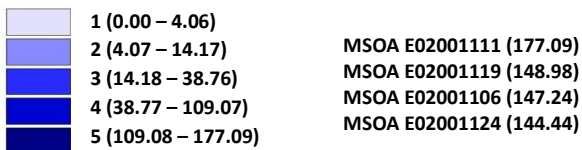
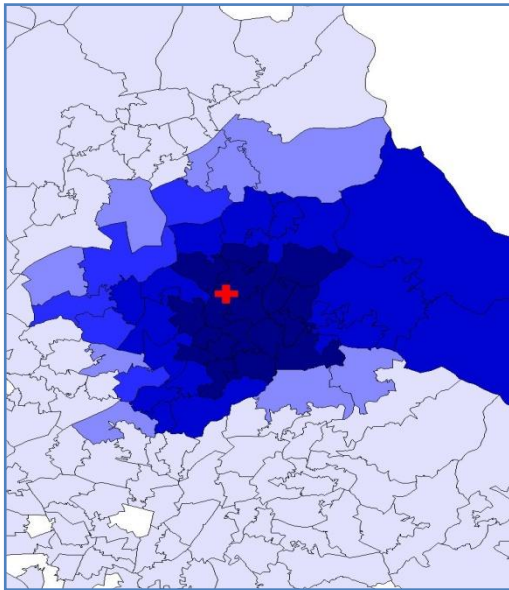
Arrival mode	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Private transport	1770	1798	1856	1827	1661	1919	1813	1639	1577	1648	1438	1929	20875	72
Ambulance	402	430	381	385	368	385	414	427	462	423	363	419	4859	17
Taxi	71	68	56	65	80	75	81	113	98	90	88	92	977	3
Not recorded	70	76	61	73	42	64	97	93	73	74	45	72	840	3
Foot	34	39	34	37	31	37	30	42	30	34	37	35	420	1
Public transport	27	23	29	26	23	28	35	56	40	31	46	46	410	1
Police	16	11	12	9	18	11	16	14	19	12	14	20	172	1
Work transport	**	12	**	10	7	10	10	10	5	16	17	24	127	0
Other	**	**	**	**	7	6	12	8	8	6	6	5	68	0
Unknown	**	**	**	**	**	**	**	**	**	**	**	**	**	0
Helicopter	**	**	**	**	**	**	**	**	**	**	**	**	**	0
Total	2401	2463	2436	2441	2239	2538	2511	2404	2313	2339	2060	2649	28794	100

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.


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, April 2009 to March 2010

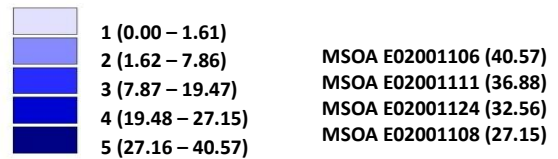
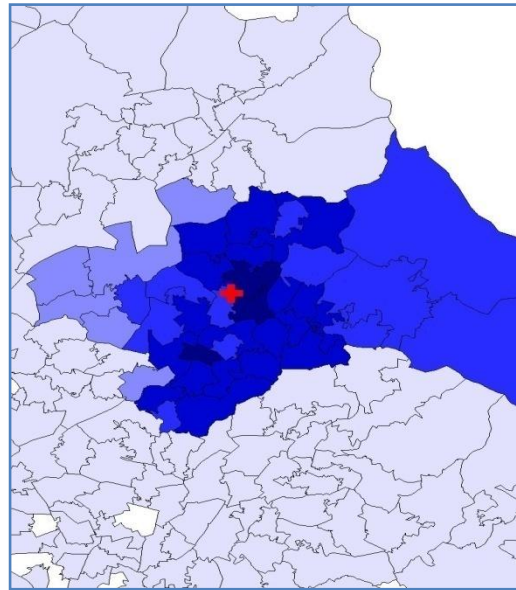
a) All attendances: quintiles of crude rates per 1,000

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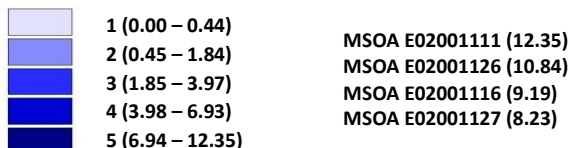
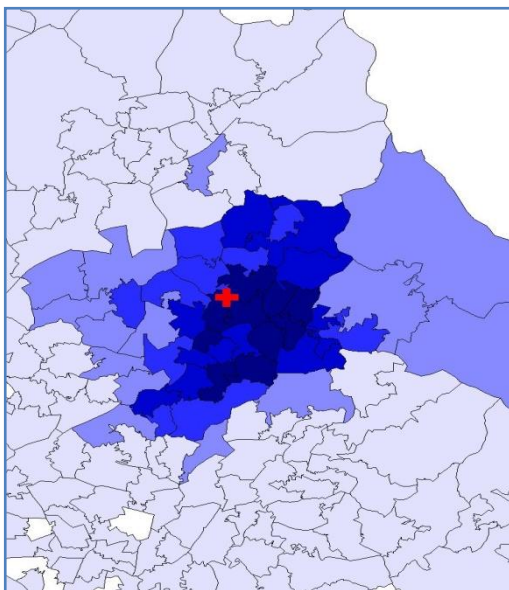
b) Fall: quintiles of crude rates per 1,000 population

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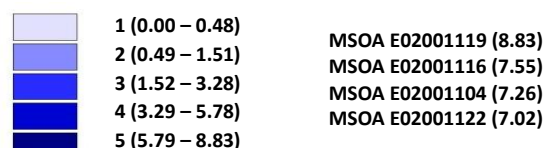
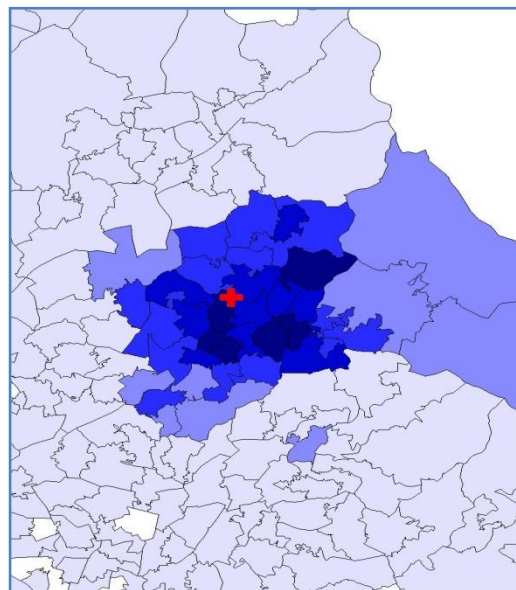
c) Assault: quintiles of crude rates per 1,000 population

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

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