



TIIG

INJURY SURVEILLANCE IN THE NORTH WEST OF ENGLAND

Injury attendances to Rochdale Infirmary Emergency Department

April 2013 to March 2014

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

Between April 2013 and March 2014 there were 21,427 injury attendances to Rochdale Infirmary ED. Males accounted for over half (53%) of all injury attendances. The month with the highest injury attendances was July (n=2,129) with November having the lowest attendances (n=1,509) (**Figure 1**). The majority (70%) of attendances were recorded as other injury. Of the specified injury groups, falls accounted for the highest proportion (16%) followed by road traffic collision (RTC) (5%) (**Table 1**).

For all injuries the highest proportion of attendances were for persons aged 5-19 years (28%) and 20-34 (23%) (**Figure 2**). Over a quarter (28%) of fall attendees was aged 65 or over. Close to four in ten (37%) of assault attendees were aged 20-34. Almost four in ten (39%) of RTC attendees were aged 20-34 (**Figure 3**).

Table 2 shows the ethnicity of injury attendees to Rochdale Infirmary ED. The large majority (73%) were white.

The disposal of a patient can give an indication of the severity of the injuries sustained. The majority (67%) of attendees were discharged, over three in ten (31%) were referred and 2% were admitted (**Table 3**).

Table 4 shows the arrival methods of attendances at Rochdale Infirmary ED. Three quarters (75%) of attendees arrived by public transport and 4% arrived by ambulance.

Table 5 shows the incident location of injury attendances to Rochdale Infirmary ED. Over half (51%) occurred at home, while over one in five (22%) of injury attendances were recorded as other, and 11% in a public place.

Table 6 presents the method of disposal for each patient type. The majority (64%) of assault patients were discharged without requiring further treatment. One third (33%) of fall attendances were referred and 19% of DSH (deliberate self-harm) patients were admitted.

Table 7 shows data relating to the location of incident for assault attendees to Rochdale Infirmary ED. The majority of attendees were male (69%) and two fifths of all assaults (40%) occurred in a public place.

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

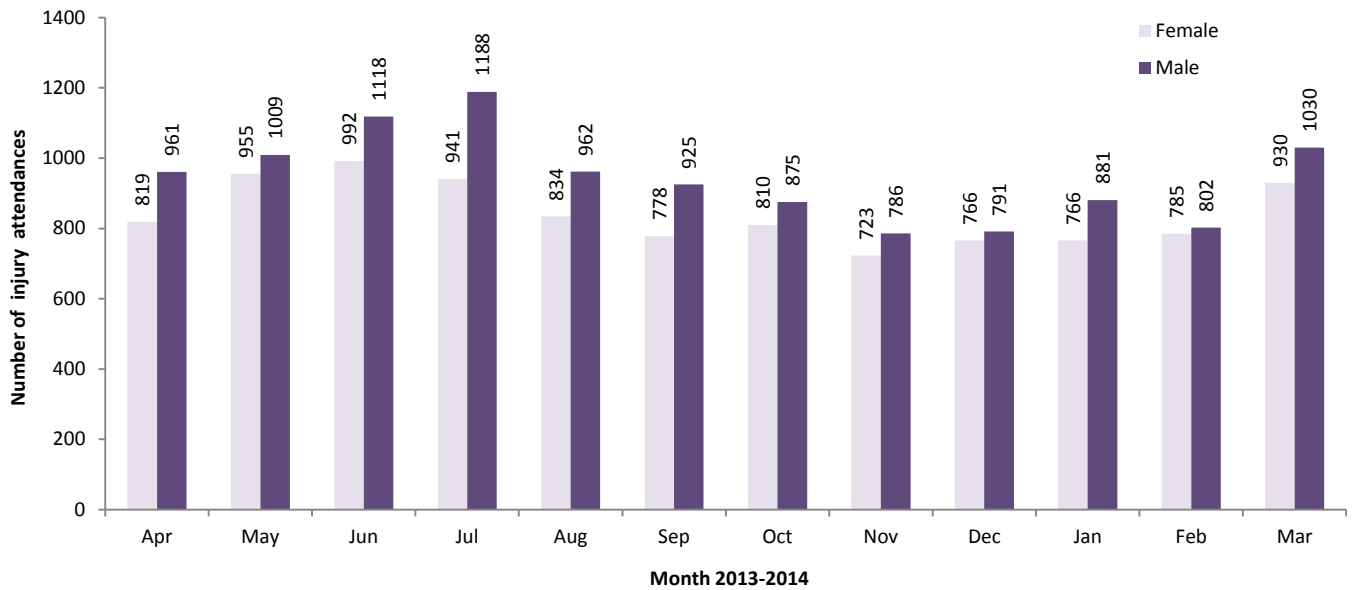


Table 1: Rochdale Infirmary ED: Total injury attendances by injury group and month, April 2013 to March 2014¹

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other injury	1306	1375	1469	1465	1205	1159	1131	1014	1056	1170	1176	1401	14927	70
Fall	266	361	322	324	304	280	267	258	281	263	212	290	3428	16
RTC	66	83	117	91	84	78	143	92	95	88	85	104	1126	5
Bites and stings	47	56	59	131	93	76	51	35	27	26	32	61	694	3
Assault	49	40	67	61	56	59	43	43	43	50	36	40	587	3
Burns and scalds	<45	44	64	44	45	40	<50	<65	50	38	<45	57	576	3
DSH	***	5	12	13	9	11	***	***	5	12	***	7	89	0
Total	1780	1964	2110	2129	1796	1703	1685	1509	1557	1647	1587	1960	21427	100

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

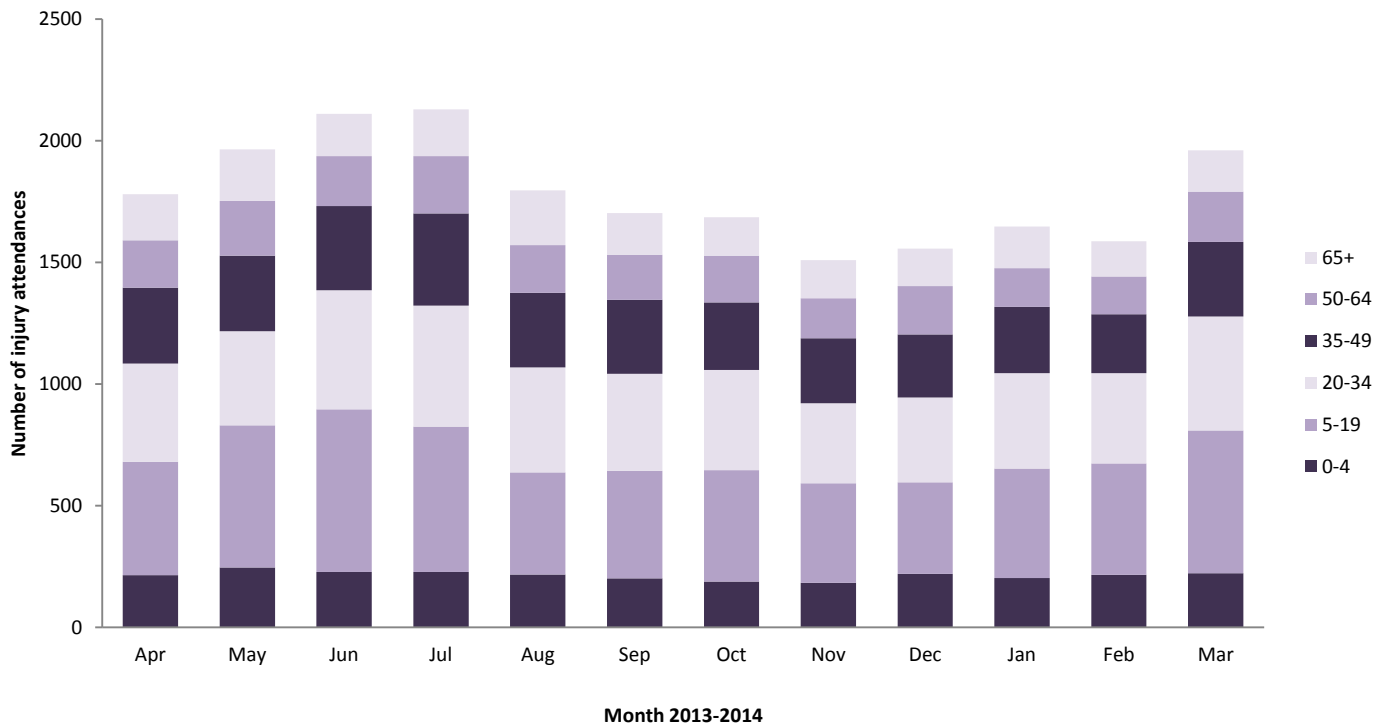


Figure 3: Rochdale Infirmary ED: Total injury attendances by age group and injury group (excluding other injury), April 2013 to March 2014

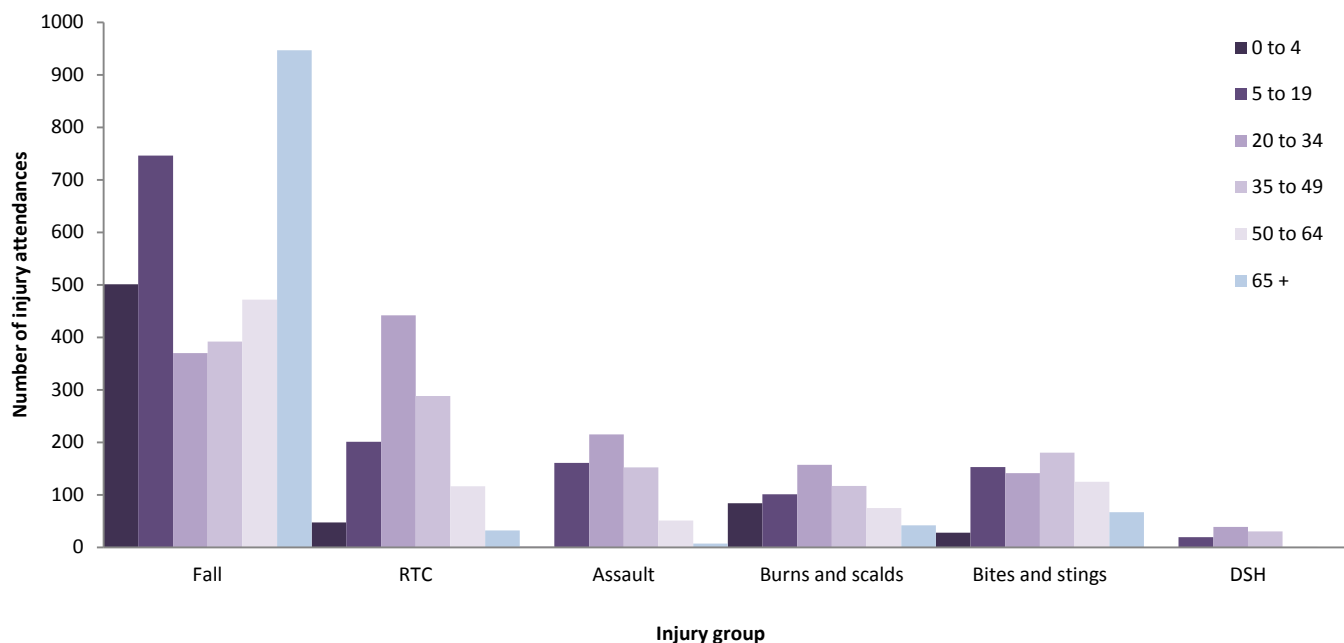


Table 2: Rochdale Infirmary ED: Total injury attendances by ethnicity and month, April 2013 to March 2014^{1, 2, 3}

Ethnicity	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
White	1319	1434	1529	1574	1316	1260	1220	1125	1110	1180	1136	1437	15640	73
Pakistani	321	365	405	383	350	312	297	269	309	335	320	365	4031	19
Bangladeshi	33	37	49	47	32	36	41	35	45	43	27	35	460	2
Not recorded	37	46	34	45	30	28	33	11	21	26	24	31	366	2
Black	13	23	20	20	24	23	30	21	19	15	20	34	262	1
Mixed	13	23	34	23	18	18	19	20	15	25	23	21	252	1
Any other ethnic group	26	19	21	19	15	10	23	9	17	12	15	11	197	1
Any other Asian background	12	13	11	8	5	8	11	10	7	6	12	14	117	0
Indian	6	***	<10	<10	<10	<10	<15	<10	10	5	<10	7	80	0
Chinese	0	***	***	***	***	***	***	***	***	0	***	5	22	0
Total	1780	1964	2110	2129	1796	1703	1685	1509	1557	1647	1587	1960	21427	100

Table 3: Rochdale Infirmary ED: Total injury attendances by method of disposal and month, April 2013 to March 2014³

Disposal	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	1131	1305	1346	1367	1270	1224	1187	1075	1052	1082	983	1240	14262	67
Referral/follow up	598	614	709	707	464	436	451	402	454	522	572	672	6601	31
Admitted	43	35	44	43	55	34	33	25	41	34	22	38	447	2
Other	8	10	11	12	7	9	14	7	10	9	10	10	117	1
Total	1780	1964	2110	2129	1796	1703	1685	1509	1557	1647	1587	1960	21427	100

Table 4: Rochdale Infirmary ED: Total injury attendances by arrival mode and month, April 2013 to March 2014³

Arrival mode	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Private transport	1314	1493	1569	1602	1360	1227	1251	1148	1148	1206	1179	1459	15956	75
Taxi	182	183	189	192	163	171	159	128	163	180	163	198	2071	10
Foot	125	91	140	130	104	139	127	97	93	93	94	110	1343	6
Ambulance	47	92	64	72	72	80	61	50	68	66	55	78	805	4
Unknown	63	54	85	71	53	33	40	32	39	44	46	62	622	3
Public Transport	29	32	42	35	19	29	28	28	21	25	33	30	351	2
Work transport	14	<20	16	<20	<20	17	12	16	12	17	12	17	183	1
Police	***	0	***	7	7	***	***	<10	<10	<15	***	<10	63	0
Other	***	***	***	***	***	***	***	***	***	***	***	***	33	0
Total	1780	1964	2110	2129	1796	1703	1685	1509	1557	1647	1587	1960	21427	100

Table 5: Rochdale Infirmary ED: Total injury attendances by location of incident and injury group, April 2013 to March 2014^{1, 3}

Incident location	Assault		Bites and stings		Burns and scalds		DSH		Fall		RTC		Other		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Home	123	21	311	45	356	62	65	73	1555	45	20	2	8411	56	10841	51
Other	129	22	174	25	66	11	8	9	481	14	1068	95	2747	18	4673	22
Public place	233	40	140	20	13	2	<5	3	762	22	<20	2	1276	9	2444	11
Educational establishment	27	5	6	1	<15	2	***	4	313	9	0	0	980	7	1340	6
Work	28	5	46	7	<70	11	0	0	92	3	***	0	1018	7	1253	6
Not recorded	47	8	17	2	66	11	9	10	225	7	17	2	495	3	876	4
Total	587	100	694	100	576	100	89	100	3428	100	1126	100	14927	100	21427	100

Table 6: Rochdale Infirmary ED: Total attendances by method of disposal and injury group, April 2013 to March 2014^{3, 4}

Incident location	Assault		Bites and stings		Burns and scalds		DSH		Fall		RTC		Other		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Discharged	374	64	510	73	221	38	38	43	2074	61	802	71	10243	69	14262	67
Referral/follow-up	169	29	178	26	336	58	26	29	1137	33	315	28	4440	30	6601	31
Admitted	15	3	<10	1	10	2	17	19	178	5	<10	0	217	1	447	2
Other	29	5	***	0	9	2	8	9	39	1	***	0	27	0	117	1
Total	587	100	694	100	576	100	89	100	3428	100	1126	100	14927	100	21427	100

Table 7: Rochdale Infirmary ED: Total assault attendances by gender, arrival mode and age group, April 2013 to March 2014^{1, 3}

	Assault attendees (n=587)		All injury attendees (n=21,427)	
	N	%	% (n)	
Gender				
Male	403	69	53 (10841)	
Female	184	31	47 (9686)	
Location				
Public place	233	40	11 (2444)	
Other	129	22	22 (4673)	
Home	123	21	51 (10841)	
Not recorded	47	8	4 (876)	
Work	28	5	6 (1253)	
Educational establishment	27	5	6 (1340)	
Age group				
0 - 4		0	12 (253)	
5 - 19	161	27	28 (593)	
20 - 34	215	37	23 (486)	
35 - 49	152	26	17 (358)	
50 - 64	51	9	11 (231)	
65 plus	<10	1	10 (210)	

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¹ 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.

² White = Irish, British, other white background; Mixed = white and black, white and Asian, mixed any other; Black = African, Caribbean, other black.

³ Percentages may not add up to 100% due to rounding