



TIIG

INJURY SURVEILLANCE IN THE NORTH WEST OF ENGLAND

Injury attendances to North Manchester General Hospital Emergency Department

April 2012 to March 2013

This report summarises recorded injury attendances to North Manchester General Hospital Emergency Department (ED) between April 2012 and March 2013.

Between April 2012 and March 2013 there were 33,771 injury attendances to North Manchester General Hospital ED. Males accounted for over half (54%) of all attendances (**Figure 1**). The month with the highest attendances was July (n=3,158) with February (n=2,493) having the lowest attendances. The majority (60%) of attendances were recorded as other injury. Of the specified injury groups, falls (22%) accounted for the highest proportion followed by road traffic collision (RTC) (7%) (**Table 1**).

For all injuries the highest proportion of attendances were for persons aged 5 to 19 (24%) and 20 to 34 years (23%) (**Figure 2**). Thirty seven per cent of fall attendees were aged 65 or over. Almost two-fifths (38%) of deliberate self-harm (DSH) attendees were aged 20 to 34 years (**Figure 3**).

Table 2 shows the location of the incident of injury attendances. Close to six in ten (57%) of injuries occurred in the home. Almost one in seven (14%) injuries occurred in a public place with a smaller proportion occurring at an educational establishment (5%) or at work (4%). Over six in ten (62%) falls occurred in the home.

Table 3 shows the ethnicity of attendees to North Manchester General Hospital ED. Over three-quarters (77%) were white, 6% were Pakistani and 4% were black.

The disposal of a patient can give an indication of the severity of the injuries sustained. Six in ten (60%) attendees were discharged, almost three in ten (28%) were referred and 10% were admitted (**Table 4**). Over three quarters (76%) of RTC attendees were discharged (**Table 5**).

Table 6 shows the arrival method of attendances at North Manchester General Hospital ED. Over seven in ten (71%) arrived by private transport while nearly a fifth (19%) arrived by ambulance.

Table 7 presents data for assault attendances to North Manchester ED. Nearly three quarters (73%) of assault attendees were male and nearly a half (45%) were aged 20 to 34 years. Over two fifths (44%) of assaults occurred in a public place.

Figure 1: North Manchester General Hospital ED: Total injury attendances by gender and month, April 2012 to March 2013

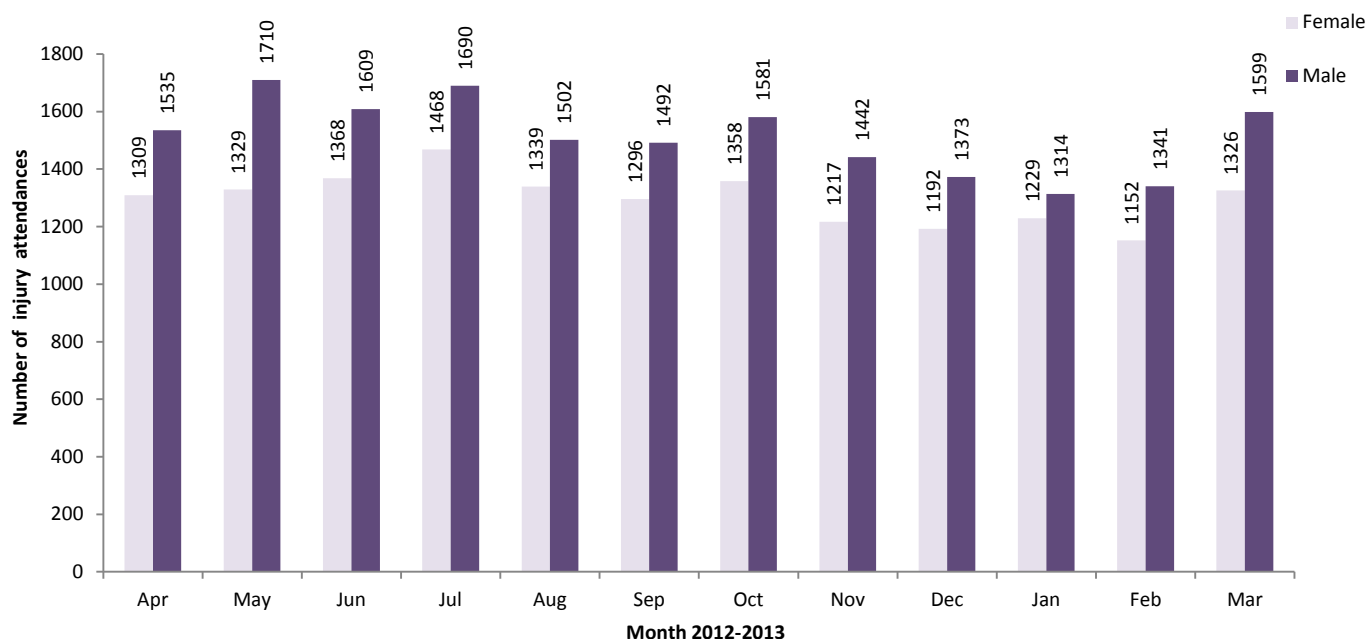


Table 1: North Manchester General Hospital ED: Total injury attendances by injury group and month, April 2012 to March 2013

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other injury	1823	1782	1833	1856	1609	1678	1781	1611	1527	1489	1530	1819	20338	60
Fall	598	676	621	732	677	636	637	614	580	635	513	665	7584	22
RTC	169	216	221	223	207	190	235	208	191	180	182	212	2434	7
Assault	141	171	143	141	142	149	157	113	156	110	145	130	1698	5
Burns and scalds	64	98	64	83	63	61	56	51	50	72	63	49	774	2
Bites and stings	38	71	74	85	113	62	52	39	37	40	33	28	672	2
DSH	11	25	21	38	30	12	21	23	24	17	27	22	271	1
Total	2844	3039	2977	3158	2841	2788	2939	2659	2565	2543	2493	2925	33771	100

Figure 2: North Manchester General Hospital ED: Total injury attendances by age group and month, April 2012 to March 2013

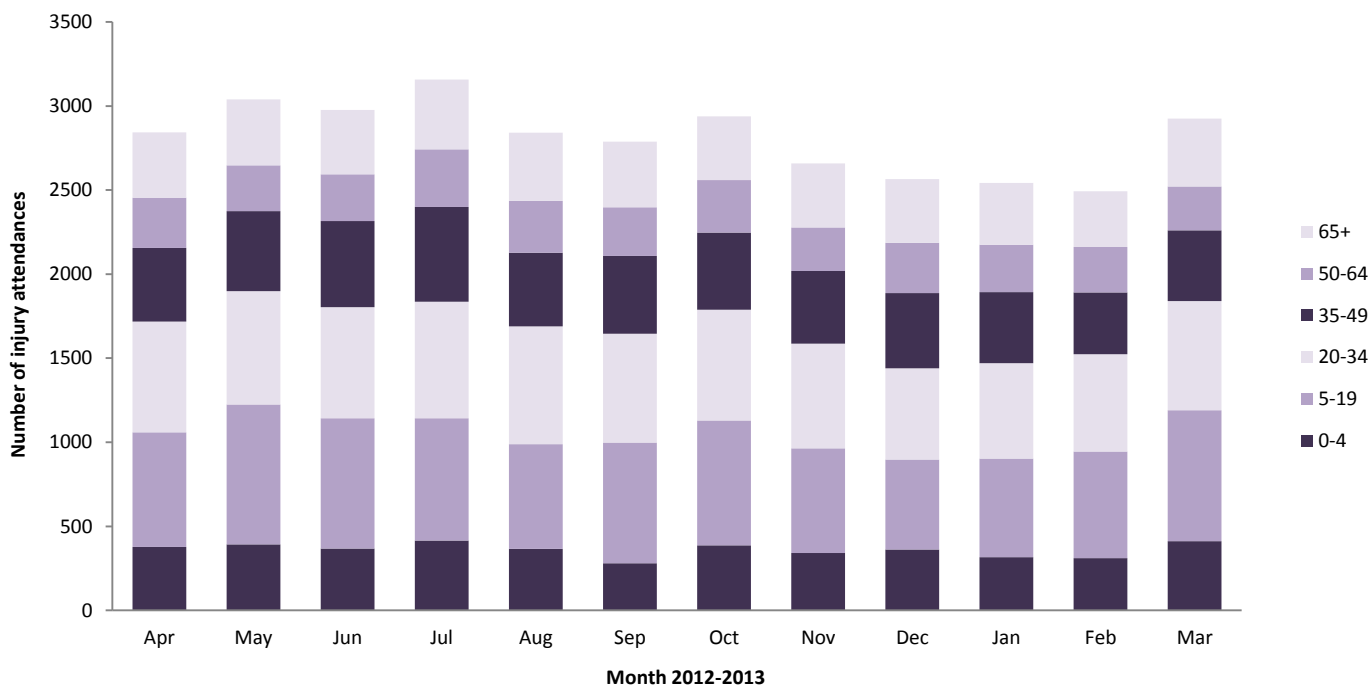


Figure 3: North Manchester General Hospital ED: Total injury attendances by age group and injury group (excluding other injury), April 2012 to March 2013

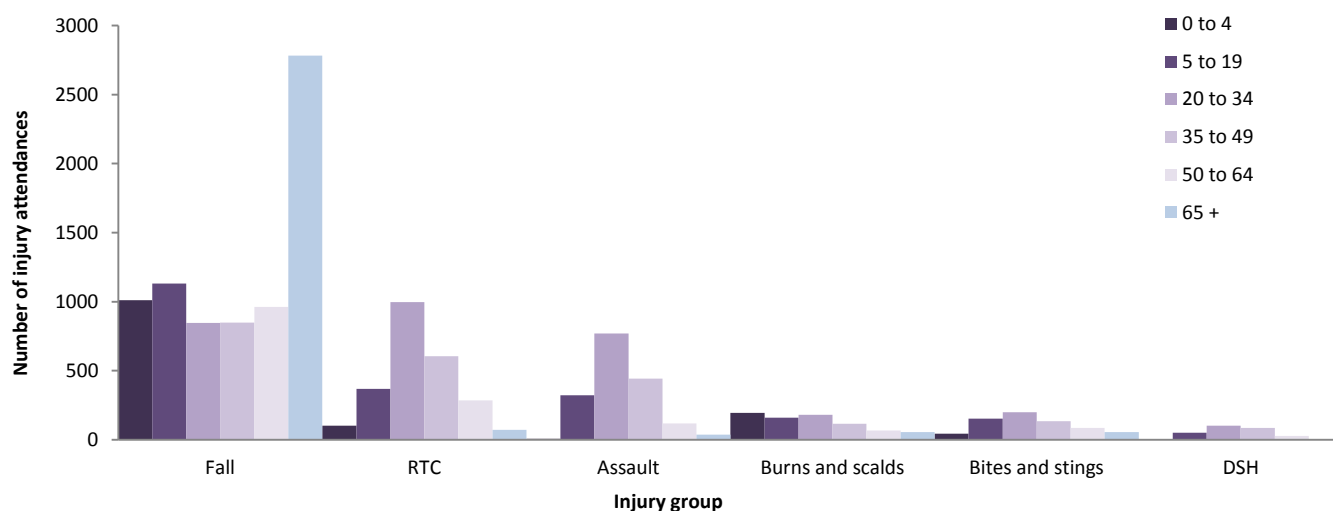


Table 2: North Manchester General Hospital ED: Total injury attendances by location of incident and injury group, April 2012 to March 2013¹

Incident location	Assault		Bites and stings		Burns and scalds		DSH		Fall		RTC		Other		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Home	435	26	373	56	492	64	202	75	4737	62	309	13	12617	62	19165	57
Other	367	22	92	14	55	7	41	15	707	9	1989	82	2936	14	6187	18
Public place	745	44	147	22	21	3	19	7	1430	19	109	4	2248	11	4719	14
Not recorded	28	2	31	5	149	19	***	1	271	4	<20	1	455	2	955	3
Work	94	6	<30	4	50	6	0	0	138	2	<10	0	899	4	1215	4
Educational establishment	29	2	***	1	7	1	<10	2	301	4	***	0	1183	6	1530	5
Total	1698	100	672	100	774	100	271	100	7584	100	2434	100	20338	100	33771	100

Table 3: North Manchester General Hospital ED: Total injury attendances by ethnicity and month, April 2012 to March 2013^{1,2}

Ethnicity	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
White	2178	2299	2293	2437	2252	2162	2297	2063	1928	2004	1902	2242	26057	77
Pakistani	201	200	209	225	169	166	166	151	183	140	151	210	2171	6
Black	119	140	116	119	110	93	126	117	124	110	119	119	1412	4
Not stated	111	146	133	129	117	121	105	115	91	92	89	126	1375	4
Any other ethnic group	112	119	108	126	98	120	121	104	107	82	108	108	1313	4
Mixed	54	59	40	51	43	48	59	47	60	45	49	54	609	2
Any other Asian background	37	48	36	26	25	46	33	27	39	35	46	37	435	1
Indian	19	11	26	27	6	12	18	16	12	17	13	14	191	1
Chinese	9	12	6	14	18	12	9	13	14	<20	<15	11	147	0
Not recorded	***	***	5	***	***	<10	***	***	<10	***	0	***	38	0
Bangladeshi	***	***	5	***	***	***	***	***	***	0	***	***	23	0
Total	2842	3038	2972	3156	2840	2785	2936	2657	2564	2543	2491	2924	33771	100

Table 4: North Manchester General Hospital ED: Total injury attendances by method of disposal and month, April 2012 to March 2013³

Disposal	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	1625	1957	1838	1847	1625	1604	1780	1666	1490	1540	1527	1793	20292	60
Referral/follow-up	885	718	796	956	826	865	853	696	758	706	713	803	9575	28
Admitted	302	294	300	306	320	267	273	237	274	255	213	291	3332	10
Other	32	70	43	49	70	52	33	60	43	42	40	38	572	2
Total	2844	3039	2977	3158	2841	2788	2939	2659	2565	2543	2493	2925	33771	100

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 Admitted=admitted to hospital/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, referred to other health care professional; Other=died in department, left department before being treated, left department having refused treatment, other.

Table 5: North Manchester General Hospital ED: Total injury attendances by method of disposal and injury group, April 2012 to March 2013

Disposal	Assault		Bites and stings		Burns and scalds		DSH		Fall		Other injury		RTC		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Discharged	940	55	457	68	345	45	128	47	3998	53	12570	62	1854	76	20292	60
Referral/follow-up	334	20	185	28	347	45	42	15	1730	23	6491	32	446	18	9575	28
Admitted	253	15	20	3	61	8	64	24	1638	22	1199	6	97	4	3332	10
Other	171	10	10	1	21	3	37	14	218	3	78	0	37	2	572	2
Total	1698	100	672	100	774	100	271	100	7584	100	20338	100	2434	100	33771	100

Table 6: North Manchester General Hospital ED: Total injury attendances by mode of arrival and month, April 2012 to March 2013¹

Arrival mode	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Private transport	1883	2154	2071	2300	1964	2015	2121	1897	1700	1840	1761	2119	23825	71
Ambulance	553	559	576	571	565	541	543	510	588	460	461	537	6464	19
Other	100	98	74	33	95	72	54	71	92	78	89	72	928	3
Not recorded	65	80	62	98	54	55	68	43	48	43	56	52	724	2
Taxi	61	55	82	47	65	38	55	49	59	41	35	51	638	2
Foot	120	46	64	52	36	27	31	23	22	30	29	33	513	2
Public transport	44	20	29	32	34	24	43	43	37	31	34	38	409	1
Police	<20	<25	<20	<25	<30	<15	24	<25	<20	<20	<30	<25	245	1
Work transport	***	***	***	***	***	***	0	***	***	***	***	***	25	0
Total	2842	3036	2976	3155	2838	2786	2939	2658	2563	2539	2492	2922	33771	100

Table 7: North Manchester General Hospital ED: Total injury attendances and assault attendances by gender, incident location, and age group, April 2012 to March 2013

	Assaults (n=1,698)	All injuries (n=33,771)
Gender	%	%
Female	27	46
Male	73	54
Location		
Public place	44	14
Home	26	57
Other	22	18
Work	6	4
Educational establishment	2	5
Not recorded	2	3
Age group		
0 - 4	0	13
5-19	19	24
20 - 34	45	23
35 - 49	26	16
50 - 64	7	10
65 plus	2	14

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