

Injury attendances to Tameside Emergency Department

April 2009 to March 2010

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

Between April 2009 and March 2010 there were 75,927 injury attendances to Tameside ED. Males accounted for just over half of all attendances (n=38,555; 51%). The month with the highest attendances for injury was July (n=6,769) with February having the lowest (n=5,563) (**Figure 1**). The majority of attendances were recorded as other injury (86%); falls accounted for the highest proportion (7%) of specified injury groups followed by road traffic collisions (RTCs) (2%) and assaults (2%) (**Table 1**).

For all injuries the highest proportion of attendances were for persons aged 20 to 34 (22%) and 5 to 19 (19%) (**Figure 2**). Nearly a third (31%) of fall injury attendances were by persons aged 65 or over with nearly a fifth (19%) aged 5 to 19. Nearly two-fifths (39%) of RTC attendances were for persons aged 20 to 34. Over two-fifths (43%) of assault attendances were for persons aged 20 to 34. Over a half (53%) of all sports injury attendances were for persons aged 5 to 19 with a further third (37%) aged between 20 and 34 (**Figure 3**).

Table 2 shows the ethnicity of injury attendees to Tameside ED. Over three-quarters (n=61,626; 81%)

were white, 12% were recorded as unknown and 2% were Pakistani.

The disposal of a patient can give an indication of the severity of the injuries sustained. Most attendees were referred for further treatment (58%), nearly a quarter (23%) were admitted and 12% were discharged. (**Table 3**). A third (33%) of deliberate self harm (DSH) attendees were referred whilst two-fifths (41%) were admitted. Nearly three-quarters (73%) of sports injury attendances were referred. A quarter (25%) of RTC attendances were discharged (**Table 4**).

Table 5 shows the arrival method of injury attendances at Tameside ED. For nearly three quarters (69%) of attendees the method of arrival was recorded as other.

Figure 4 (a-d) shows crude rates of injury attendance at Tameside ED by area of residence, in this case Middle Super Output Area (MSOA). The MSOA 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: Tameside ED: Total injury attendances by gender and month, April 2009 to March 2010

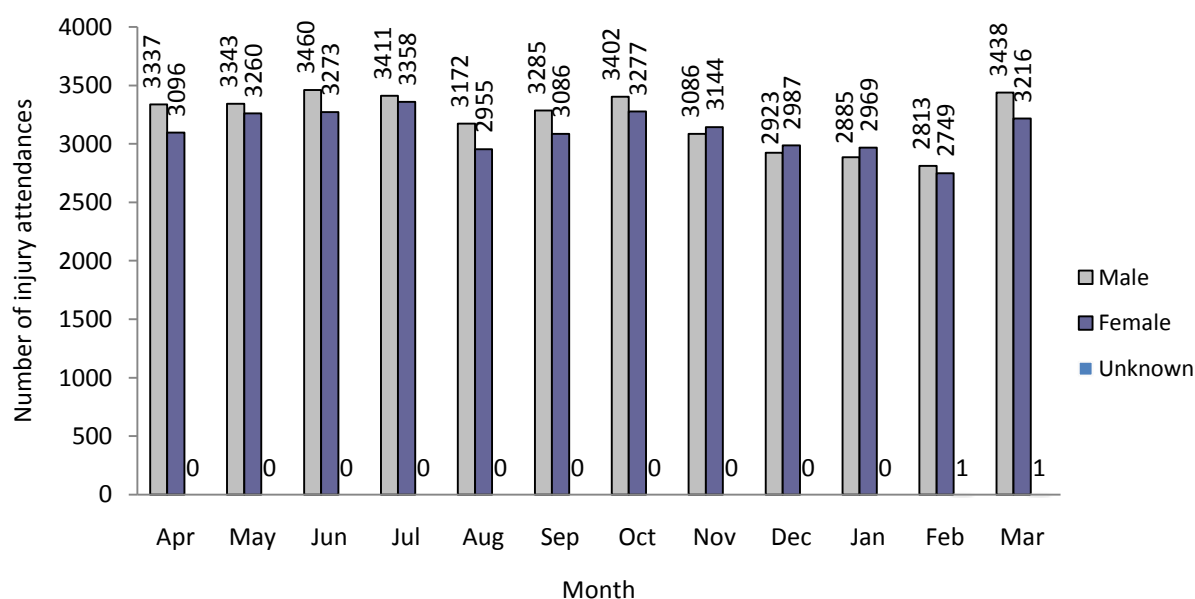


Table 1: Tameside ED: Total injury attendances by injury group and month, April 2009 to March 2010

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other	5514	5629	5845	5907	5392	5504	5808	5406	5046	4991	4825	5758	65625	86
Fall	438	459	460	435	336	398	372	358	529	489	334	444	5052	7
RTC	160	182	144	158	128	168	151	190	132	137	161	132	1843	2
Assault	126	192	144	138	154	118	155	133	101	124	90	113	1588	2
Sports injury	141	78	76	59	61	141	128	87	47	41	87	159	1105	1
DSH	54	63	64	72	56	42	65	56	55	72	66	49	714	1
Total	6433	6603	6733	6769	6127	6371	6679	6230	5910	5854	5563	6655	75927	100

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

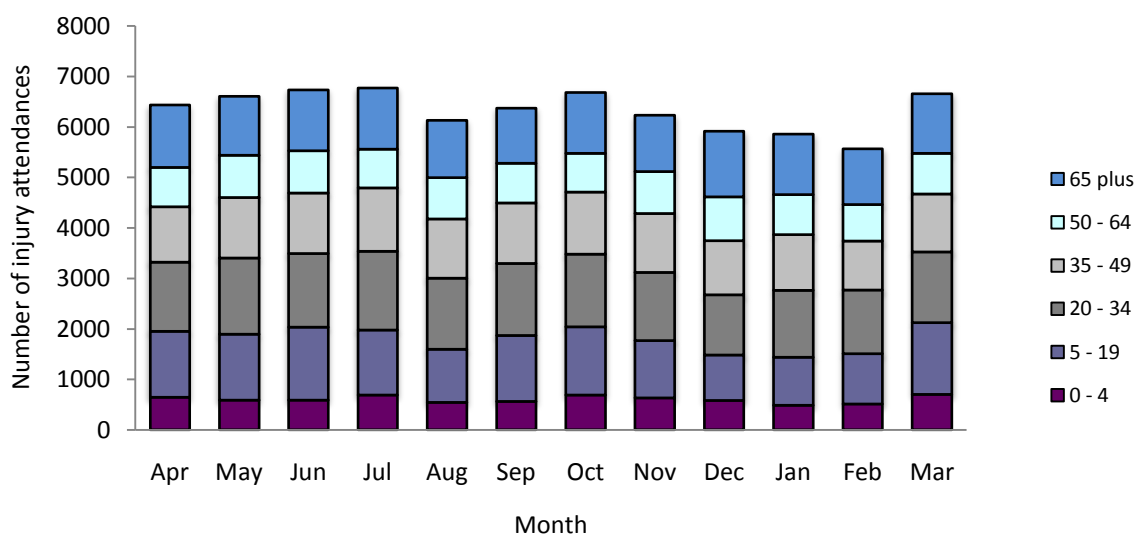


Figure 3: Tameside ED: Total injury attendances by age group and injury group, April 2009 to March 2010

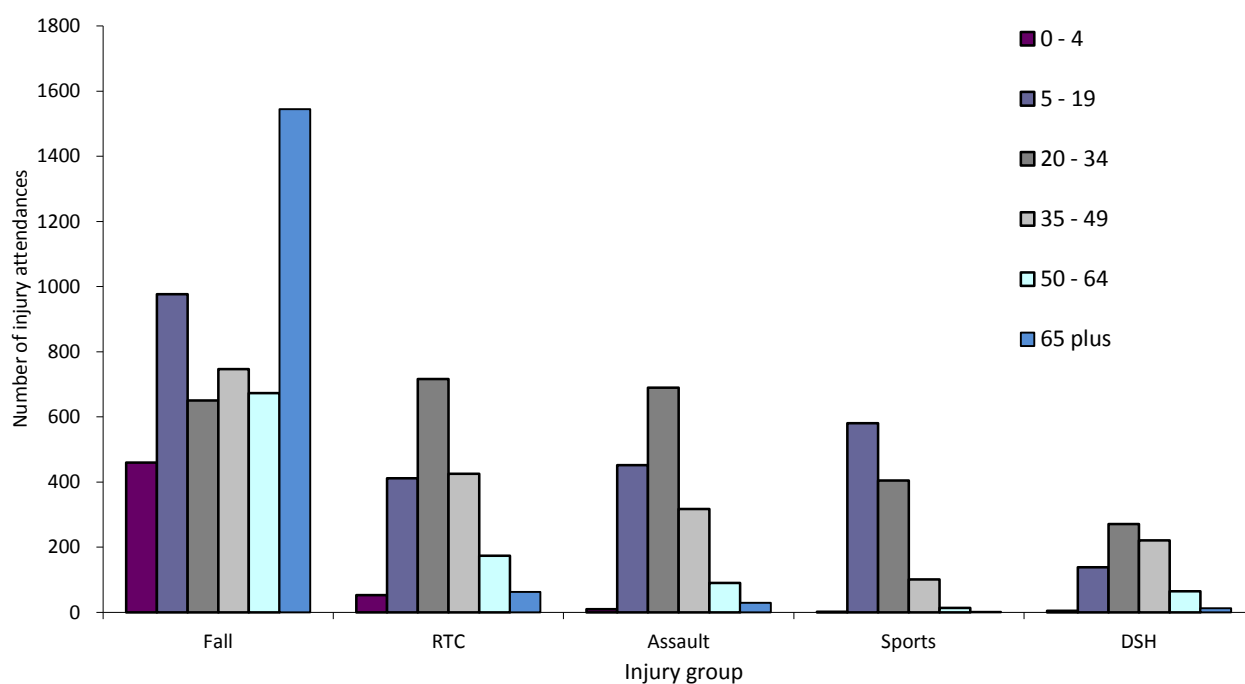


Table 2: Tameside ED: Total injury attendances by ethnicity and month, April 2009 to March 2010²

Ethnic group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
White	5249	5261	5395	5417	4970	5172	5481	5039	4777	4809	4565	5491	61626	81
Unknown	811	824	864	851	801	805	786	806	731	723	661	741	9404	12
Pakistani	106	117	99	124	88	113	88	101	127	78	91	103	1235	2
Other ethnic	89	144	136	120	93	90	90	71	90	80	74	94	1171	2
Bangladeshi	72	101	105	114	73	78	90	84	65	51	60	92	985	1
Indian	47	73	59	62	48	48	49	59	56	46	49	64	660	1
Mixed	30	46	48	44	28	44	49	44	28	47	40	43	491	1
Black	17	19	18	25	21	13	27	20	25	12	15	21	233	0
Chinese	12	18	9	12	5	8	19	6	11	8	8	6	122	0
Total	6433	6603	6733	6769	6127	6371	6679	6230	5910	5854	5563	6655	75927	100

² White = white Irish, white British, white; Unknown = not given, not stated, not collected; Mixed = mixed white and black, mixed white and black African, mixed white and Asian, mixed any other; Other = Any other ethnic group, Any other Asian background; Black = African, Caribbean, other black

Table 3: Tameside ED: Total injury attendances by method of disposal and month, April 2009 to March 2010³

Disposal	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Referred	3643	3819	3973	4024	3607	3760	3799	3669	3375	3364	3070	3920	44023	58
Admitted	1359	1347	1365	1287	1383	1403	1622	1601	1644	1598	1592	1605	17806	23
Discharged	873	916	863	944	749	848	794	528	482	514	540	707	8758	12
Other	558	521	532	514	388	360	464	432	409	378	361	423	5340	7
Total	6433	6603	6733	6769	6127	6371	6679	6230	5910	5854	5563	6655	75927	100

Table 4: Tameside ED: Total injury attendances by method of disposal and injury group, April 2009 to March 2010

Disposal	Other		Fall		RTC		Assault		Sports		DSH		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Referred	37567	57	3241	64	1204	65	970	61	803	73	238	33	44023	58
Admitted	16560	25	734	15	77	4	127	8	14	1	294	41	17806	23
Discharged	6976	11	806	16	465	25	248	16	247	22	16	2	8758	12
Other	4522	7	271	5	97	5	243	15	41	4	166	23	5340	7
Total	65625	100	5052	100	1843	10	1588	100	1105	100	714	100	75927	100

Table 5: Tameside ED: Total injury attendances by mode of arrival and month, April 2009 to March 2010

Mode	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other	4545	4667	4845	4832	4267	4484	4550	4202	3811	3897	3767	4745	52612	69
Ambulance	1888	1936	1888	1937	1860	1887	2129	2028	2099	1957	1796	1910	23315	31
Total	6433	6603	6733	6769	6127	6371	6679	6230	5910	5854	5563	6655	75927	100

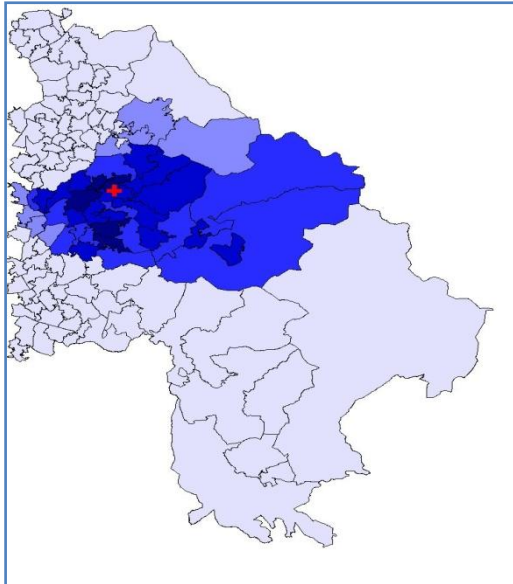
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³ Admitted=admitted to ED bed/became a lodged patient of the same health care provider; Discharged=discharged - did not require any follow up treatment; Referred =discharged - follow up treatment to be provided by GP, referred to ED clinic, referred 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 Tameside ED. Quintiles of crude rates per 1,000 population, April 2009 to March 2010


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

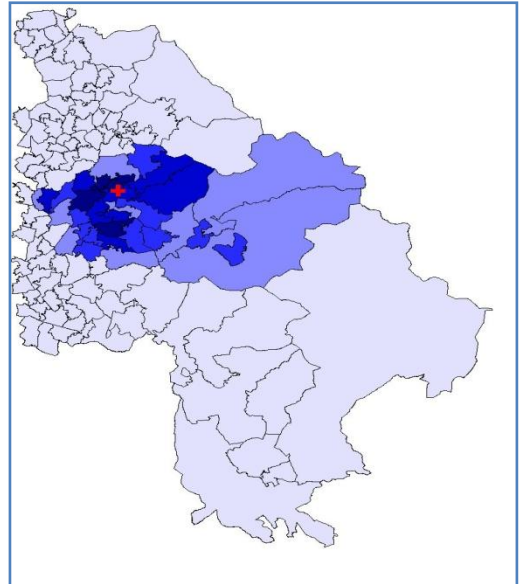
 Tameside ED








	1 (0.00 – 13.67)	MSOA E02001241 (487.235)
	2 (13.68 – 86.15)	MSOA E02001232 (416.213)
	3 (86.16 – 226.39)	MSOA E02001234 (384.271)
	4 (226.40 – 312.35)	MSOA E02001248 (383.061)
	5 (312.36 – 449.19)	

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

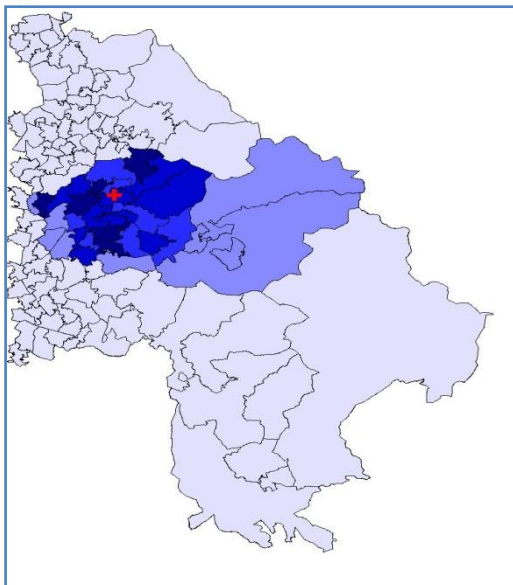
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	1 (0.00 – 0.97)	MSOA E02001232 (11.615)
	2 (0.98 – 2.66)	MSOA E02001241 (11.615)
	3 (2.66 – 4.96)	MSOA E02001248 (11.494)
	4 (4.97 – 7.62)	MSOA E02001234 (9.921)
	5 (7.63 – 11.62)	

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

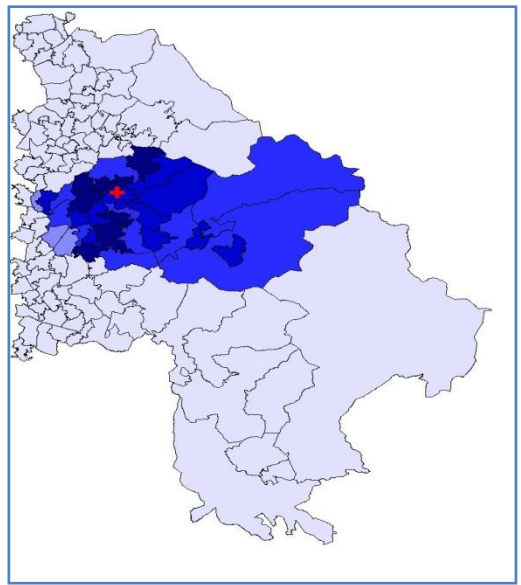
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






	1 (0.00 – 1.33)	
	2 (1.34 – 3.75)	MSOA E02001248 (8.832)
	3 (3.76 – 5.32)	MSOA E02001239 (8.711)
	4 (5.32 – 7.38)	MSOA E02001256 (8.469)
	5 (7.39 – 8.83)	MSOA E02001229 (8.106)

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

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	1 (0.00 – 3.02)	
	2 (3.03 – 8.71)	MSOA E02001234 (25.287)
	3 (8.72 – 14.16)	MSOA E02001232 (24.803)
	4 (14.17 – 20.45)	MSOA E02001248 (24.198)
	5 (20.46 – 25.29)	MSOA E02001241 (24.077)