

Injury attendances to Fairfield General Hospital Emergency Department

July 2010 to June 2011

This report summarises recorded injury attendances to Fairfield General Emergency Department (ED) between July 2010 and June 2011.

Between July 2010 and June 2011 there were 24,071 injury attendances to Fairfield General Hospital ED. Males accounted for just over half (53%) of all attendances. The month with the highest injury attendances was April (n=2,280) with February (n=1,694) having the lowest (**Figure 1**). Over seven in ten (71%) of injury attendances were recorded as other injury. Of the specified injury groups, falls (16%) accounted for the highest proportion followed by road traffic collisions (RTCs) (5%) and assault (4%) (**Table 1**).

For all injury attendances, the highest proportions were for persons aged 5 to 19 (25%) and 20 to 34 (22%) (**Figure 2**). Over a half (56%) of fall attendees were aged 65 or over. Over four in ten (43%) of assault attendees were aged 20 to 34. Nearly two fifths (37%) of RTC attendees and over two-fifths (42%) of deliberate self-harm (DSH) attendees were aged 20 to 34 (**Figure 3**).

Table 2 shows the location of the incident of injury attendances. Over two-fifths (41%) of injuries occurred in the home. Over one in six (17%) of injuries occurred in a public place with smaller proportions occurring at work (7%) or at an educational establishment (5%). Nearly half (47%) of

assaults occurred in a public place. Nearly three-quarters (73%) of DSH injuries occurred at home. Over half (54%) of falls occurred in the home.

Table 3 shows the ethnicity of attendees to Fairfield General Hospital ED. Almost nine in ten (87%) were white and 5% were Pakistani.

The disposal of a patient can give an indication of the severity of the injuries sustained. Most (62%) attendees were discharged, over a quarter (28%) had a referral/follow-up and 9% were admitted (**Table 4**). Three-quarters (75%) of RTC attendees were discharged. Over a quarter (26%) of fall attendees were admitted and nearly half (46%) of burns and scalds attendees had a referral/follow-up (**Table 5**).

Table 6 shows the arrival methods of injury attendances at Fairfield General Hospital ED. Two-thirds (66%) arrived by private transport while over a fifth (22%) arrived by ambulance.

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

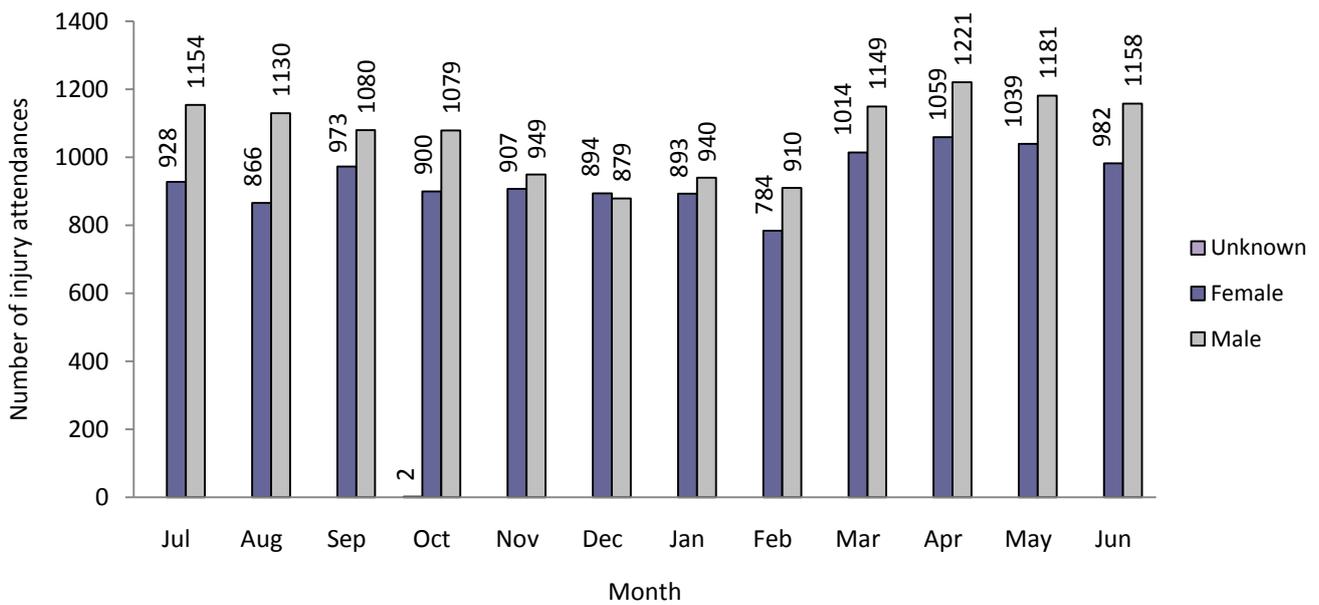


Table 1: Fairfield General Hospital ED: Total injury attendances by injury group and month, July 2010 to June 2011

Injury group	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Other injury	1565	1383	1449	1402	1239	1145	1298	1222	1613	1615	1623	1527	17081	71
Fall	268	300	329	308	311	369	313	250	317	360	309	351	3785	16
RTC	82	99	114	101	131	103	84	95	89	115	111	90	1214	5
Assault	61	89	73	85	79	76	65	58	50	85	96	79	896	4
Burns & scalds	47	48	41	36	58	37	43	39	41	57	36	41	524	2
Bites & stings	37	43	24	29	24	20	18	11	33	31	26	31	327	1
DSH	22	34	23	20	14	23	12	19	20	17	19	21	244	1
Total	2082	1996	2053	1981	1856	1773	1833	1694	2163	2280	2220	2140	24071	100

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

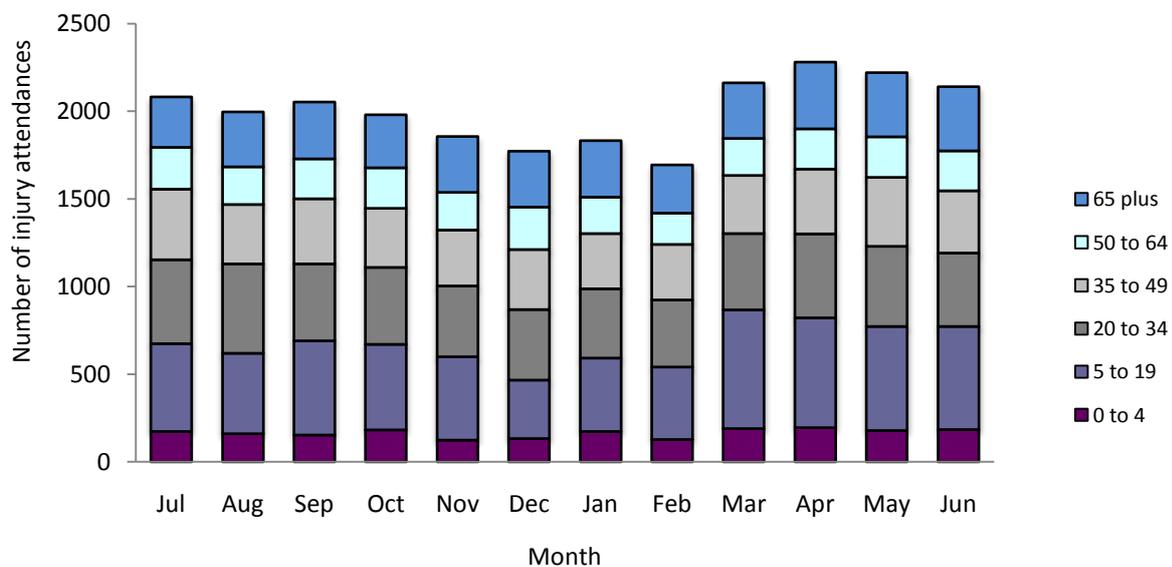


Figure 3: Fairfield General Hospital ED: Total injury attendances by age group and injury group, July 2010 to June 2011 (excluding other injury)

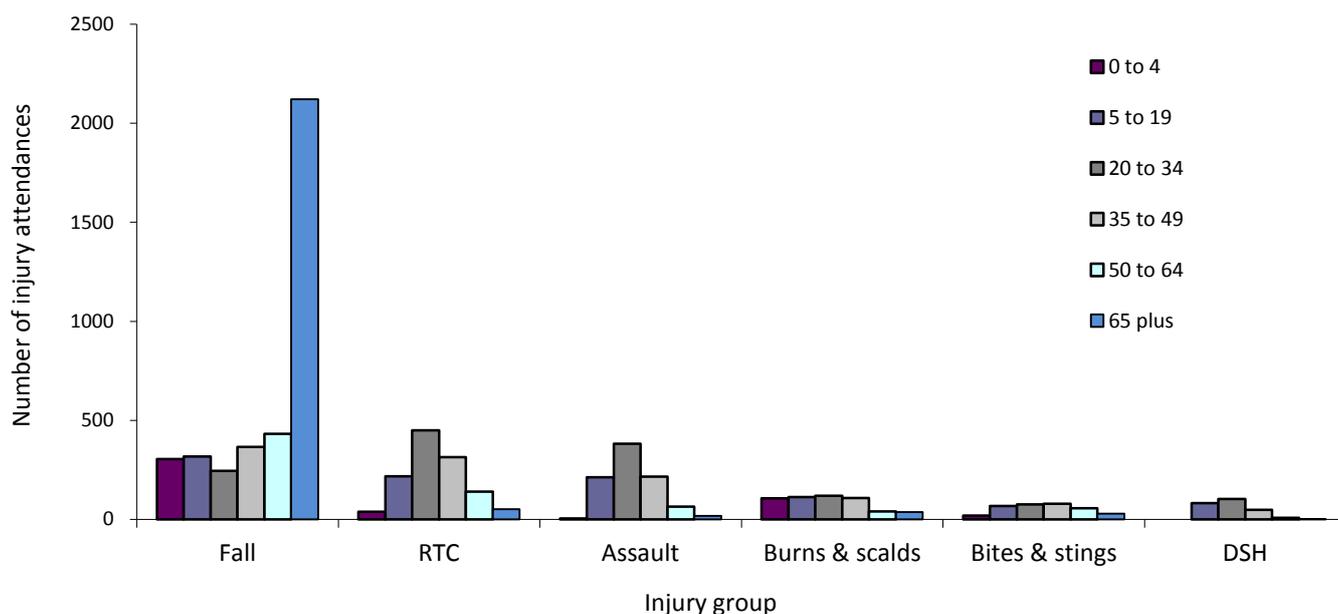


Table 2: Fairfield General Hospital ED: Total injury attendances by location of incident and injury group, July 2010 to June 2011²

Location	Assault		Bites & stings		Burns & scalds		DSH		Fall		Other injury		RTC		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Home	223	25	133	41	269	51	178	73	2049	54	6912	40	20	2	9784	41
Other	184	21	46	14	34	6	33	14	256	7	3192	19	1146	94	4891	20
Public place	423	47	87	27	12	2	22	9	813	21	2827	17	21	2	4205	17
Not recorded	21	2	30	9	140	27	9	4	545	14	1654	10	18	1	2417	10
Work	40	4	***	***	***	***	***	***	60	2	1358	8	9	1	1565	7
Educational establishment	5	1	***	***	***	***	***	***	62	2	1138	7	0	0	1209	5
Total	896	100	327	100	524	100	244	100	3785	100	17081	100	1214	100	24071	100

Table 3: Fairfield General Hospital ED: Total injury attendances by ethnicity and month, July 2010 to June 2011^{3*}

Ethnicity	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
White	1790	1719	1797	1720	1615	1527	1579	1468	1855	1998	1899	1865	20832	87
Pakistani	89	104	106	95	85	93	100	85	102	117	132	109	1217	5
Not known	86	77	68	80	69	59	60	64	92	71	86	79	891	4
Other	65	54	50	55	54	68	61	42	65	59	67	49	689	3
Black	17	16	11	8	10	13	9	13	14	5	13	7	136	1
Mixed	13	12	12	14	9	8	6	11	14	11	9	14	133	1
Bangladeshi	13	6	***	***	5	***	***	5	7	8	10	***	74	0
Indian	***	***	5	***	***	***	10	***	9	***	***	8	69	0
Chinese	***	***	***	***	***	***	***	***	5	***	***	***	30	0
Total	2082	1996	2053	1981	1856	1773	1833	1694	2163	2280	2220	2140	24071	100

*Percentages may not add up to 100 due to rounding

² Please note that all numbers less than five have been suppressed (***) in line with patient confidentiality and if there is only one number less than five 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: Fairfield General Hospital ED: Total injury attendances by method of disposal and month, July 2010 to June 2011⁴

Disposal	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Discharged	1242	1159	1284	1210	1165	1079	1159	1057	1335	1432	1382	1396	14900	62
Referred/follow-up	641	635	583	577	520	458	482	453	625	570	612	534	6690	28
Admitted	172	182	164	165	155	210	173	165	188	246	203	197	2220	9
Other	27	20	22	29	16	26	19	19	15	32	23	13	261	1
Total	2082	1996	2053	1981	1856	1773	1833	1694	2163	2280	2220	2140	24071	100

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

Disposal	Assault		Bites & stings		Burns & scalds		DSH		Fall		Other injury		RTC		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Discharged	542	60	233	71	245	47	140	57	1988	53	10842	63	910	75	14900	62
Referred/follow-up	175	20	83	25	239	46	33	14	737	19	5229	31	194	16	6690	28
Admitted	98	11	***	***	***	***	42	17	999	26	967	6	72	6	2220	9
Other	81	9	***	***	***	***	29	12	61	2	43	0	38	3	261	1
Total	896	100	327	100	524	100	244	100	3785	100	17081	100	1214	100	24071	100

Table 6: Fairfield General 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	1455	1311	1352	1322	1214	1125	1170	1112	1504	1512	1483	1415	15975	66
Ambulance	380	458	438	448	396	446	426	383	440	476	450	467	5208	22
Not recorded	62	76	89	97	88	59	86	81	46	114	119	110	1027	4
Taxi	82	65	69	55	68	75	73	56	72	76	93	64	848	4
Public transport	42	41	45	18	42	30	27	25	42	47	30	36	425	2
Foot	33	33	37	22	21	20	24	19	32	39	24	25	329	1
Police	12	5	8	6	9	12	13	8	12	9	10	11	115	0
Work transport	***	5	***	9	***	***	7	6	6	***	***	7	68	0
Other	***	***	9	***	7	***	***	***	***	***	***	***	44	0
Unknown	6	***	***	***	***	***	***	***	***	***	***	***	32	0
Total	2082	1996	2053	1981	1856	1773	1833	1694	2163	2280	2220	2140	24071	100

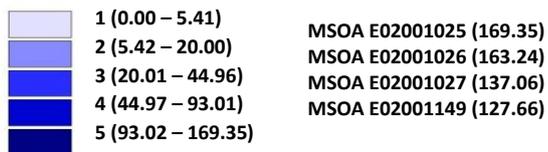
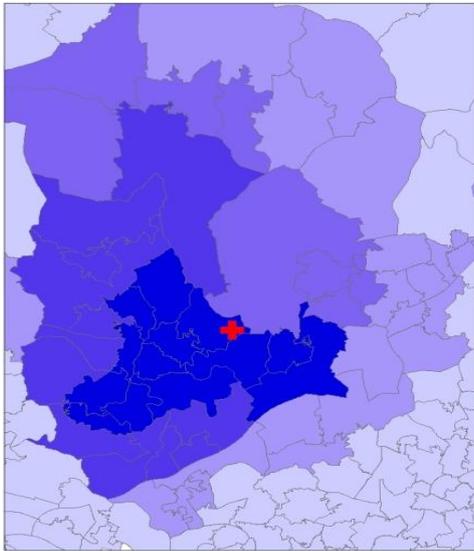
*Percentages may not add up to 100 due to rounding.

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; Referred/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.

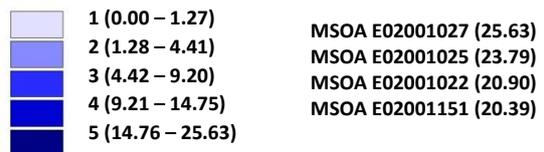
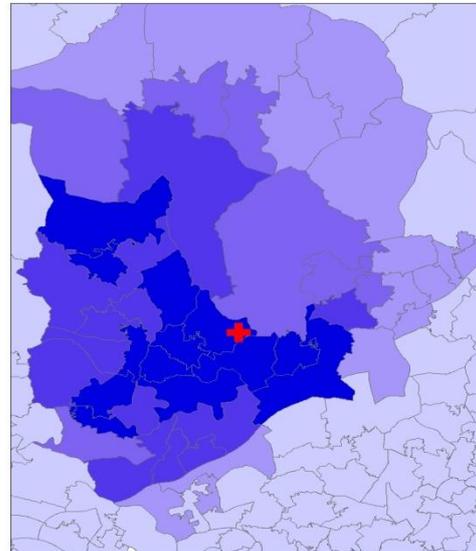
Figure 4a,b,c,d: Middle Super Output Area of residence for injury attendances to Fairfield General Hospital ED. Quintiles of crude rates per 1,000 population, July 2010 to June 2011

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

+ Fairfield General Hospital ED

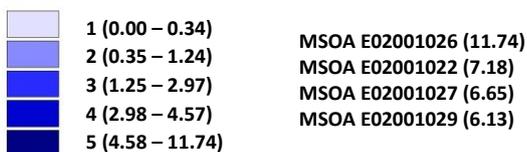
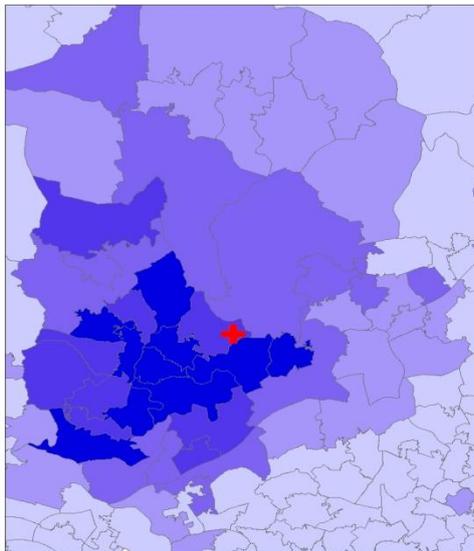


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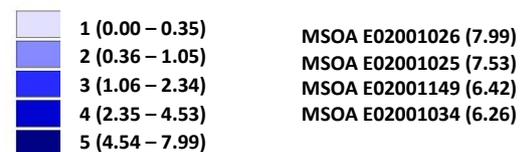
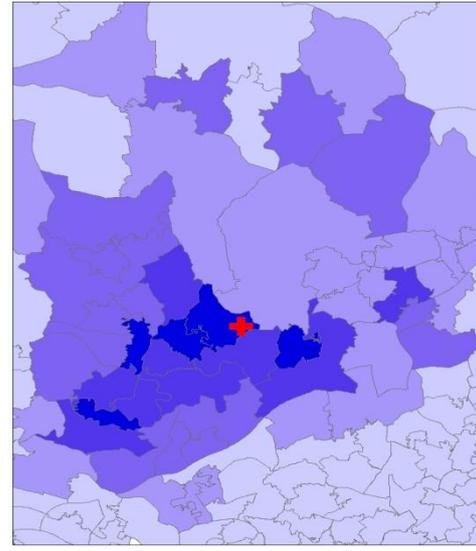
c) RTC: quintiles of crude rates per 1,000 population

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

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