

Trauma and Injury Intelligence Group Biannual Bulletin

Fairfield General Hospital Emergency Department
October 2014 to September 2015

December 2015



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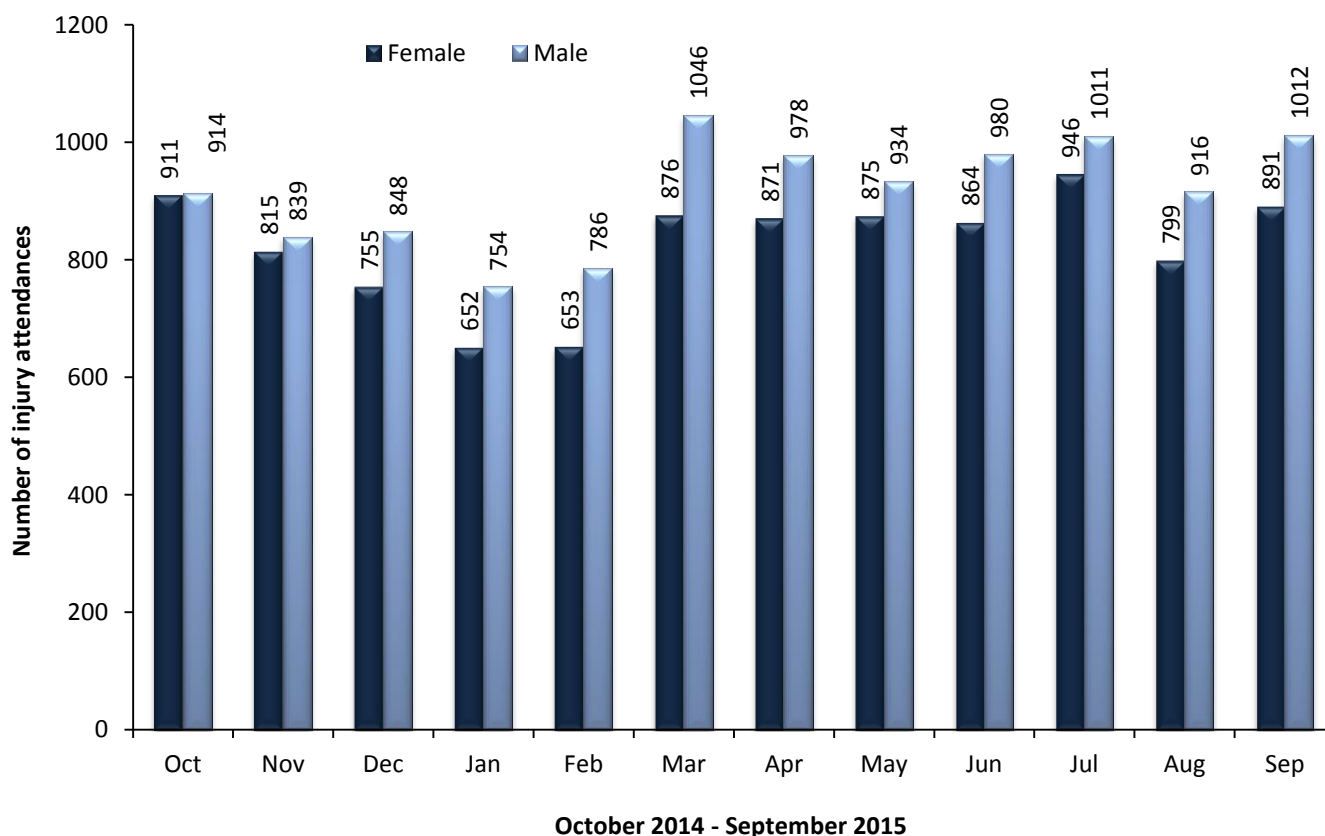
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ALL INJURY ATTENDANCES

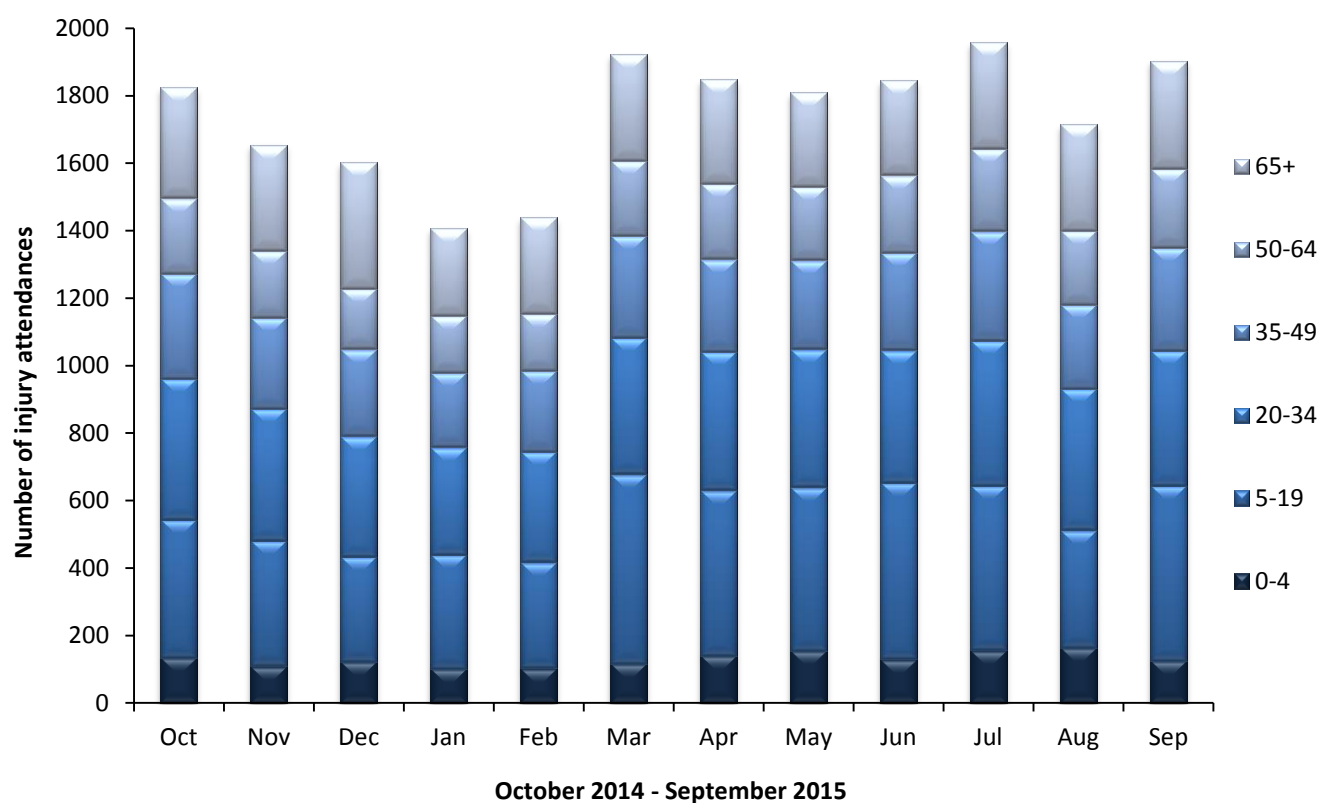
This bulletin provides a breakdown of all injury attendances to Fairfield General Hospital Emergency Department (ED) between October 2014 and September 2015. During this twelve month period there were 20,926 injury attendances to the ED. The months with the highest number of attendances, calculated as a daily average, were July and September 2015 (both 63 per day) while January 2015 had the lowest attendances (45 per day; figure 1). Males accounted for over half (53%) of all attendances (figure 1).

Figure 1: ED injury attendances by gender and month, October 2014 to September 2015



The highest proportion of attendances was for people aged between 5 and 19 years (25%), followed by people aged between 20 and 34 years (22%; figure 2).

Figure 2: ED injury attendances by age group and month, October 2014 to September 2015



The majority (69%) of attendees were recorded as sustaining 'other' injuries. Falls accounted for 17% of attendances, 5% of injuries were sustained by road traffic collisions (RTCs) and 4% were due to an assault (table 1).

Table 1: ED injury attendances by injury group and month, October 2014 to September 2015[§]

Injury group	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Other injury	1307	1128	927	932	944	1371	1313	1292	1337	1376	1196	1366	14489	69
Fall	284	266	378	276	281	300	292	277	265	308	283	309	3519	17
RTC	97	87	113	63	85	90	86	84	96	97	75	84	1057	5
Assault	45	85	80	63	53	56	49	60	55	62	64	64	736	4
DSH	35	34	45	35	40	40	37	33	23	32	28	34	416	2
Burns & scalds	27	40	43	24	22	44	37	31	43	23	28	28	390	2
Bites & stings	30	14	17	13	14	21	35	32	25	59	41	18	319	2
Total	1825	1654	1603	1406	1439	1922	1849	1809	1844	1957	1715	1903	20926	100

[§] Due to low numbers electrical accident (n=20), sports injury (n=7) and firework (n=<5) records are included in other injury. Stabbing (n=17) records have been included in assaults.

Over half (55%) of fall attendees were aged 65 years and over, almost half (46%) of assault attendees, and over two-fifths (42%) of RTC attendees, were aged between 20 and 34 years (figure 3).

Figure 3: ED injury attendances by age group and injury group (excluding other injury), October 2014 to September 2015[§]

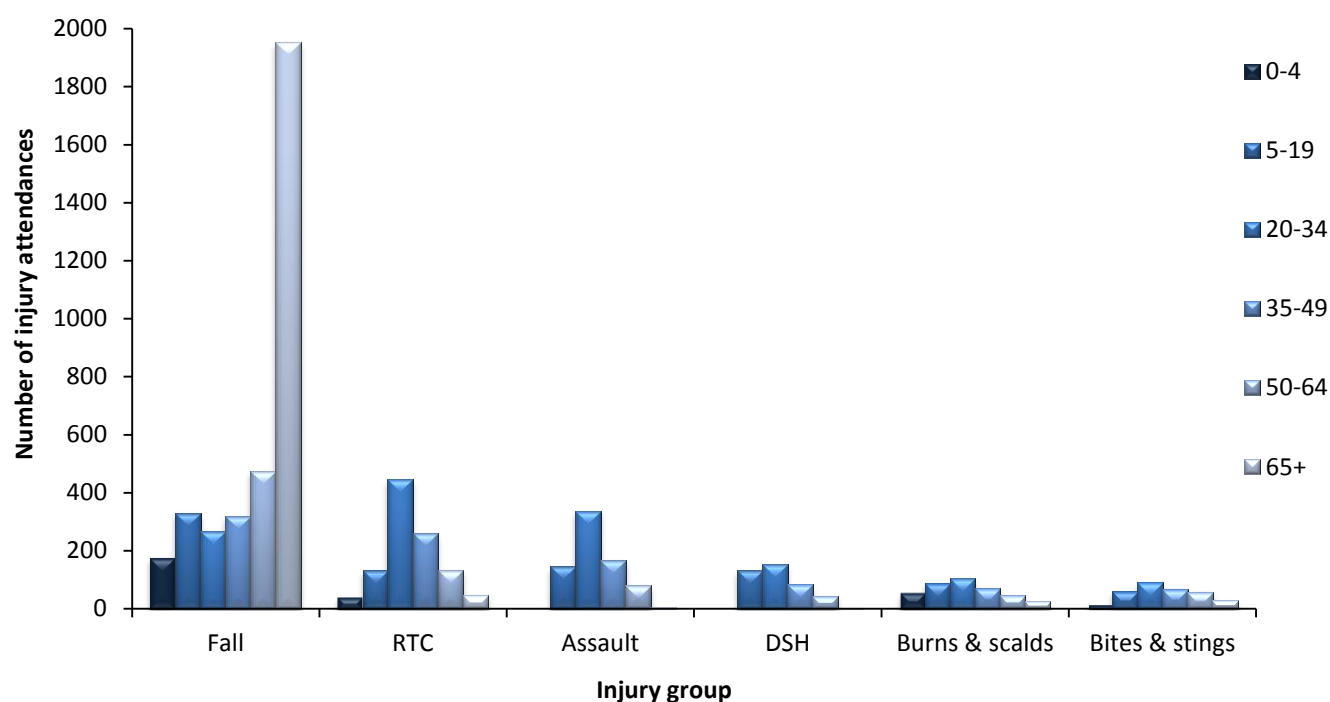


Table 2 shows the incident location of injury attendances. Over two fifths (42%) occurred in the home, 16% occurred in a public place, 7% occurred at work and 5% occurred at an educational establishment.

Table 2: ED injury attendances by incident location and injury group, October 2014 to September 2015^{1,§}

Incident location	Assault		Burns & scalds		Bites & stings		DSH		Fall		Other injury		RTC		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Home	149	20	190	49	136	43	281	68	1899	54	6071	42	12	1	8738	42
Other	169	23	28	7	60	19	85	20	357	10	2811	19	1021	97	4531	22
Public place	340	46	19	5	75	24	32	8	712	20	2093	14	11	1	3282	16
Not recorded	8	1	83	21	27	8	<20	4	389	11	1312	9	<10	1	1842	9
Work	54	7	62	16	21	7	***	0	83	2	1170	8	<10	1	1398	7
Educational establishment	16	2	8	2	0	0	0	0	79	2	1032	7	0	0	1135	5
Total	736	100	390	100	319	100	416	100	3519	100	14489	100	1057	100	20926	100

[§] Due to low numbers electrical accident (n=20), sports injury (n=7) and firework (n=2) records are included in other injury. Stabbing (n=17) records included in assaults.

Table 3 shows the ethnicity of injury attendees to Fairfield General Hospital ED. Close to nine in ten (86%) were White and 6% were Pakistani.

¹ Please note that for all tables, all numbers less than five have been suppressed (***) in line with patient confidentiality. If there is only one number less than five in a category then two numbers have been suppressed to prevent back calculations from totals.

Table 3: ED injury attendances by ethnicity and month, October 2014 to September 2015^{1,2}

Ethnicity	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
White	1572	1466	1354	1235	1244	1642	1556	1549	1616	1660	1476	1677	18047	86
Pakistani	107	77	114	74	83	120	133	125	108	127	96	109	1273	6
Not known	57	35	35	37	26	46	58	46	37	53	59	34	523	2
Any other ethnic group	33	22	39	18	37	40	41	39	30	41	41	22	403	2
Black	14	17	14	11	13	17	24	17	13	23	9	20	192	1
Mixed	15	11	<15	16	<15	26	14	5	18	20	11	15	177	1
Any other Asian	12	18	17	8	11	16	13	15	13	12	15	21	171	1
Bangladeshi	8	***	6	5	5	***	***	8	***	10	***	***	60	0
Indian	***	<10	6	***	6	7	5	***	***	11	***	***	56	0
Chinese	***	0	***	***	***	***	***	***	***	0	5	0	24	0
Total	1825	1654	1603	1406	1439	1922	1849	1809	1844	1957	1715	1903	20926	100

The disposal of a patient can give an indication of the severity of the injuries sustained. The majority (59%) of attendees were discharged with no follow-up treatment required, a third (33%) were referred for further treatment and 7% were admitted to hospital (table 4).

Table 4: ED injury attendances by disposal method and month, October 2014 to September 2015³

Disposal method	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Discharged	1012	1023	971	916	823	1104	1055	1069	1169	1127	979	1090	12338	59
Referral/follow-up	667	483	448	374	485	659	657	598	538	705	598	682	6894	33
Admitted	126	122	155	100	116	131	121	120	120	101	121	110	1443	7
Other	20	26	29	16	15	28	16	22	17	24	17	21	251	1
Total	1825	1654	1603	1406	1439	1922	1849	1809	1844	1957	1715	1903	20926	100

Seven in ten (70%) RTC attendees were discharged, 20% of fall attendees were admitted to hospital and over half (55%) of burns and scalds attendees were referred for further treatment (table 5).

Table 5: ED injury attendances by method of disposal and injury group, October 2014 to September 2015^{1,3,§}

Disposal method	Assault		Burns & Scalds		Bites & stings		DSH		Fall		Other injury		RTC		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Discharged	451	61	201	52	201	63	253	61	1752	50	8803	61	737	70	12398	59
Referral/follow-up	180	24	216	55	109	34	56	13	1033	29	5020	35	280	26	6894	33
Admitted	35	5	<25	6	<10	2	63	15	689	20	609	4	16	2	1443	7
Other	70	10	<10	2	***	1	44	11	45	1	57	0	24	2	251	1
Total	736	100	390	100	319	100	416	100	3519	100	14489	100	1057	100	20926	100

[§] Due to low numbers electrical accident (n=20), sports injury (n=7) and firework (n=2) records are included in other injury. Stabbing (n=17) records included in assaults.

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 bed; 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; Other = died in department, left department before being treated, left department having refused treatment.

Table 6 shows the arrival method of injury attendances to Fairfield General Hospital ED. Seven in ten (70%) arrived by private transport while 16% arrived by ambulance.

Table 6: ED injury attendances by arrival mode and month, October 2014 to September 2015¹

Arrival mode	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Private transport	1262	1134	1038	926	983	1334	1333	1306	1351	1395	1228	1386	14676	70
Ambulance	297	278	327	255	267	302	269	272	246	287	269	273	3342	16
Taxi	88	88	76	63	60	91	72	85	69	94	85	83	954	5
Not recorded	78	50	59	53	49	96	78	60	59	75	43	70	770	4
Public transport	35	34	23	33	26	28	33	35	39	31	27	27	371	2
Foot	26	35	25	31	24	31	27	20	34	27	23	27	330	2
Police	21	19	32	24	15	21	<15	17	27	27	17	<20	251	1
Work transport	9	12	15	<15	8	<10	16	<15	17	13	17	16	154	1
Other	<10	***	8	6	***	***	5	***	***	***	***	***	51	0
Unknown	***	***	0	***	***	6	***	0	***	***	***	0	27	0
Total	1825	1654	1603	1406	1439	1922	1849	1809	1844	1957	1715	1903	20926	100

ASSAULT ATTENDANCES

Between October 2014 and September 2015 there were 736 assault-related injury attendances to Fairfield General Hospital ED. Almost seven in ten (69%) assault attendees were male and 46% were aged between 20 and 34 years (table 7). Approximately three in ten (29%) assault attendees arrived at the ED by ambulance.

Table 7: ED assault attendances by gender, arrival mode and age group, October 2014 to September 2015¹

	Assault attendances (n=736)		All injury attendances (n=20,926)	
	n	%	n	%
Gender				
Male	507	69		53
Female	229	31		47
Arrival mode				
Other	525	71		84
Ambulance	211	29		16
Age group				
0 - 4	***	0		7
5-19	146	20		25
20 - 34	337	46		22
35 - 49	167	23		16
50 - 64	81	11		12
65 plus	***	1		18