

# Trauma and Injury Intelligence Group Biannual Bulletin

Cumberland Infirmary Emergency Department  
April 2014 to March 2015

July 2015



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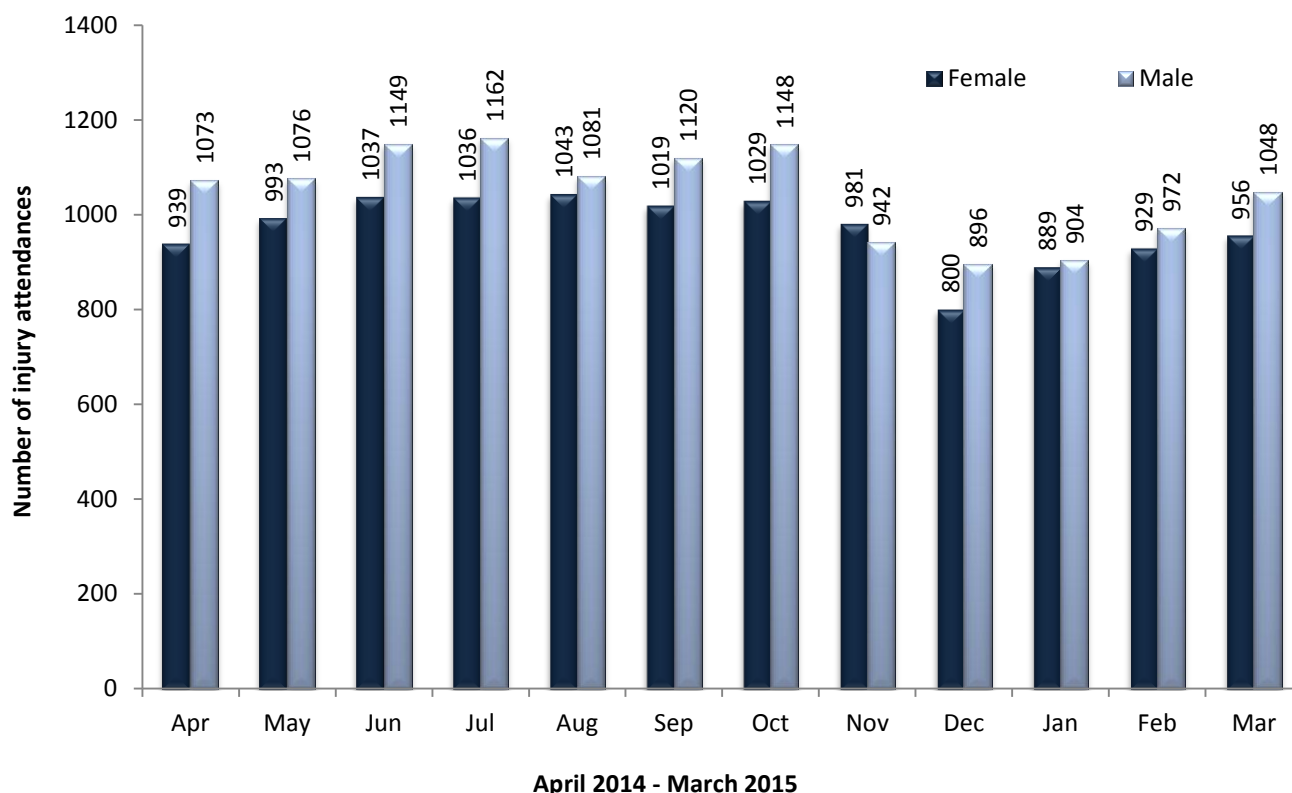
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## ALL INJURY ATTENDANCES

This bulletin provides a breakdown of all injury attendances to Cumberland Infirmary Emergency Department (ED) between April 2014 and March 2015. In the twelve month period there were 24,222 injury attendances to the ED. The month with the highest number of attendances, calculated as a daily average, was June 2014 (73 per day) compared to December 2014 which had the fewest (55 per day; figure 1). There were more male (52%) than female attendances to the ED in 2014/15 (n=12,571; figure 1).

**Figure 1: ED attendances by gender and month, April 2014 to March 2015**



Just under one-third (31%) of attendees were aged between 30 and 59 years (n=7,468), 30% were aged 60 years and above (n=7,369) and 23% were aged between 15 and 29 years (n=5,478; figure 2).

**Figure 2: ED attendances by age group and month, April 2014 to March 2015**

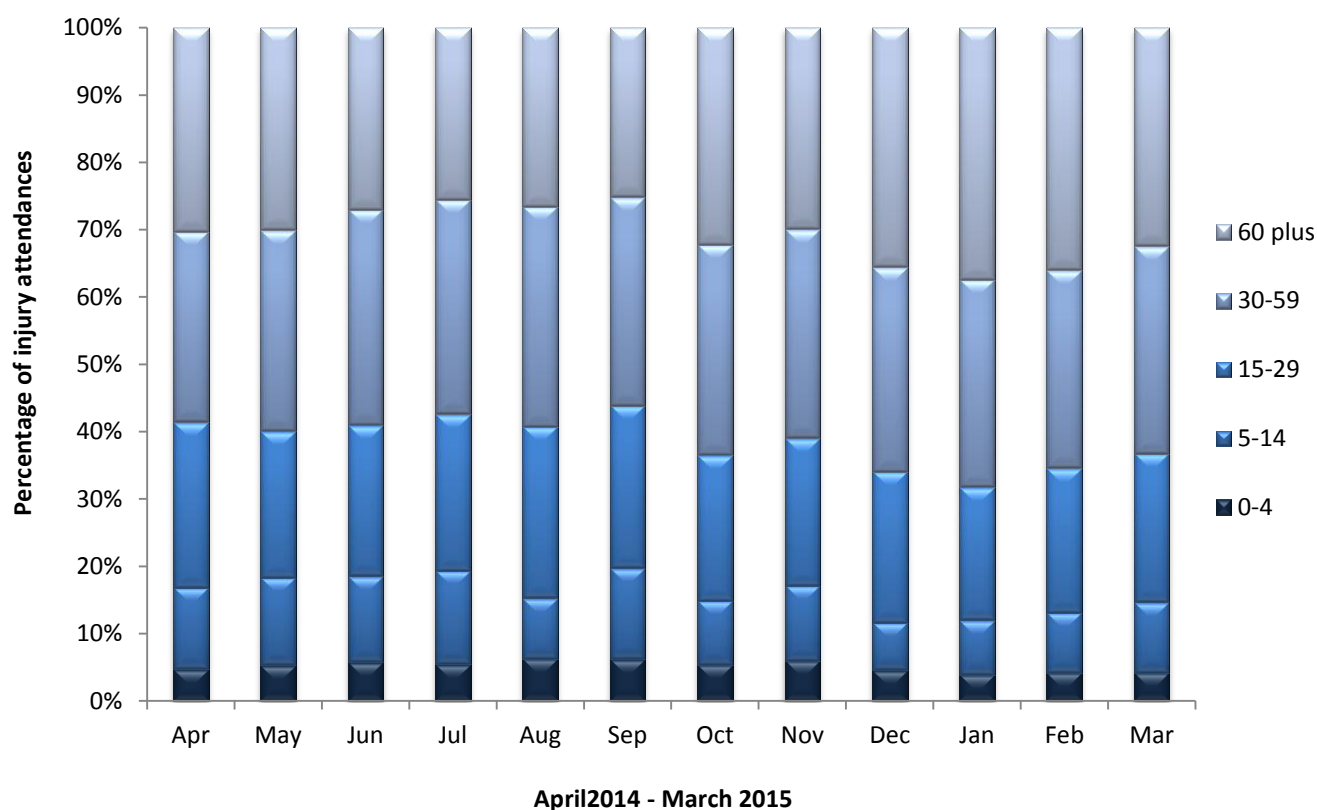


Table 1 displays the injury group of attendees between April 2014 and March 2015. The majority (82%) of attendances were categorised as ‘other’ injuries (n=19,883). Sports injuries accounted for 7% of attendances (n=1,745) and 4% were due to road traffic collisions (n=1,020) and deliberate self-harm (n=952). Assaults accounted for 3% of attendances in 2014/15 (n=622).

**Table 1: ED attendances by injury group and month, April 2014 to March 2015**

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
<b>Other injury</b>	1623	1660	1804	1805	1778	1696	1793	1546	1388	1526	1579	1685	19883	82%
<b>Sports injury</b>	172	169	153	159	114	215	185	169	77	63	123	146	1745	7%
<b>Road traffic collision</b>	65	82	97	98	83	90	76	88	105	97	76	63	1020	4%
<b>Deliberate self-harm</b>	99	100	65	85	92	84	77	63	72	70	75	70	952	4%
<b>Assault</b>	53	58	67	51	57	54	46	57	54	37	48	40	622	3%
<b>Total</b>	2012	2069	2186	2198	2124	2139	2177	1923	1696	1793	1901	2004	24222	100%

The referral source to the ED is displayed in table 2. Over half (52%) of attendees were self-referred (n=12,532), just over one in five (22%) were referred by the emergency services (n=5,273) and 19% were referred by a general medical practitioner (n=4,720).

**Table 2: ED attendances by referral source and month, April 2014 to March 2015<sup>1,2</sup>**

Referral source	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Self-referral	1076	1106	1203	1261	1189	1200	1059	989	826	753	861	1009	12532	52%
Emergency services	428	482	404	482	473	449	502	447	428	423	381	374	5273	22%
General medical practitioner	361	345	398	305	321	331	462	370	324	487	545	471	4720	19%
Other	86	78	92	81	88	96	96	65	71	86	62	98	999	4%
Work	23	23	44	27	26	30	22	15	15	16	23	28	292	1%
Health care provider	26	23	28	24	19	19	20	12	16	19	11	16	233	1%
Police	7	5	9	<20	8	9	5	8	<20	<10	11	***	97	0%
Educational establishment	5	7	8	***	0	5	11	17	***	***	7	<10	76	0%
<b>Total</b>	<b>2012</b>	<b>2069</b>	<b>2186</b>	<b>2198</b>	<b>2124</b>	<b>2139</b>	<b>2177</b>	<b>1923</b>	<b>1696</b>	<b>1793</b>	<b>1901</b>	<b>2004</b>	<b>24222</b>	<b>100%</b>

Table 3 displays the incident location. Just under three in five (56%) incidents occurred in the home (n=13,552), while a third (33%) of incidents were recorded as occurring in 'other' locations (n=7,943).

**Table 3: ED attendances by incident location and month, April 2014 to March 2015**

Incident location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home	1152	1140	1164	1122	1187	1063	1179	1096	1025	1137	1128	1159	13552	56%
Other	613	647	712	766	772	775	803	640	527	489	570	629	7943	33%
Public place	112	133	166	175	108	147	48	56	64	83	85	90	1267	5%
Work	84	87	73	75	57	67	57	55	42	44	53	44	738	3%
Educational establishment	51	62	71	60	0	87	90	76	38	40	65	82	722	3%
<b>Total</b>	<b>2012</b>	<b>2069</b>	<b>2186</b>	<b>2198</b>	<b>2124</b>	<b>2139</b>	<b>2177</b>	<b>1923</b>	<b>1696</b>	<b>1793</b>	<b>1901</b>	<b>2004</b>	<b>24222</b>	<b>100%</b>

The discharge destination for ED attendances is displayed in table 4. Two-fifths (40%) of attendees were discharged from hospital with no follow-up treatment required (n=9,640), three in ten (30%) attendees were admitted to hospital (n=7,186) and 14% of attendees were referred to an outpatient clinic (n=3,329).

<sup>1</sup> Please note that 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.

<sup>2</sup> 'Other' includes general dental practitioner, local authority social services and other.

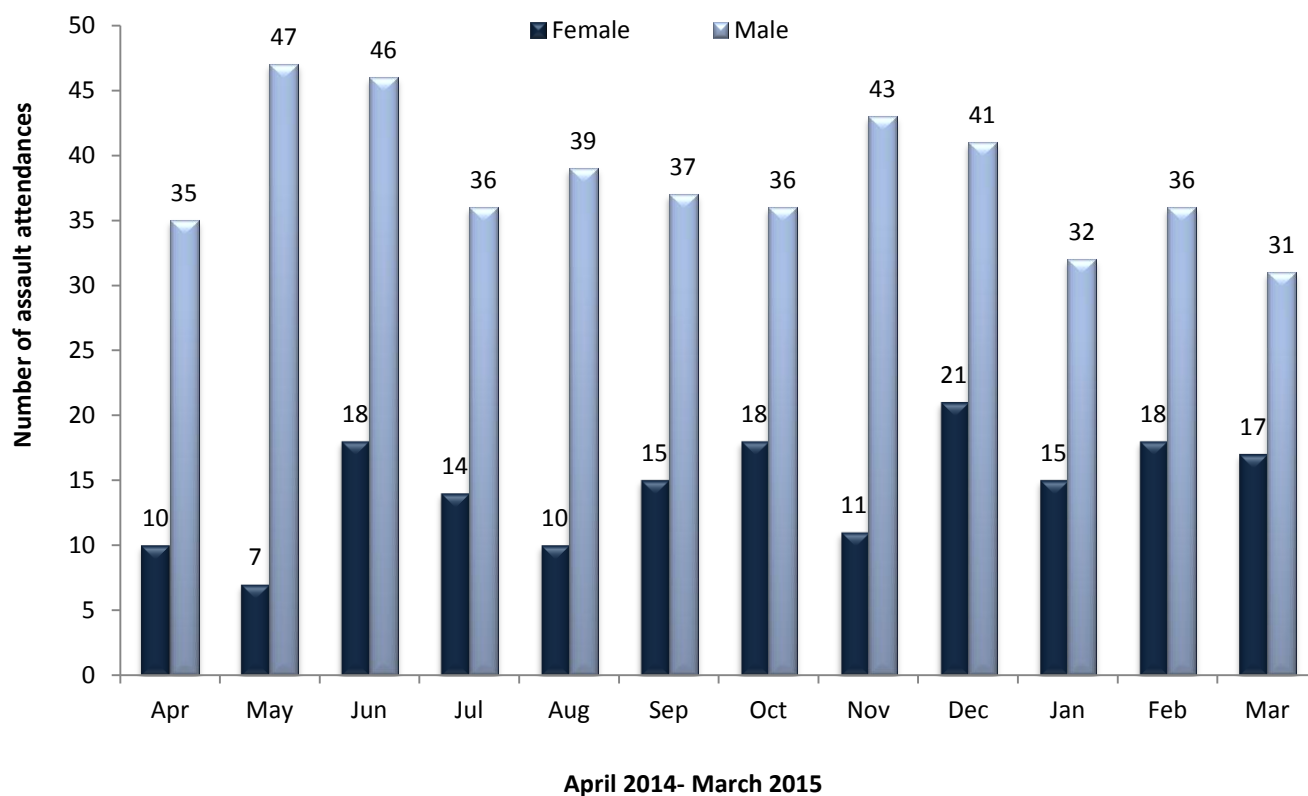
**Table 4: ED attendances by discharge destination and month, April 2014 to March 2015<sup>1,3</sup>**

Discharge destination	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged - no follow-up	835	875	912	1034	869	893	782	756	640	586	671	787	9640	40%
Admitted to hospital	555	590	574	475	547	522	710	590	555	713	715	640	7186	30%
Outpatient clinic	284	304	339	322	317	292	253	227	223	225	228	315	3329	14%
Discharged - follow-up care by GP	153	130	166	179	203	238	253	158	123	124	121	101	1949	8%
Left department before being treated	50	49	47	40	50	51	47	47	30	34	55	51	551	2%
Other	38	34	47	51	47	39	45	68	37	38	33	39	516	2%
Referred to other health care professional	46	45	45	36	48	46	38	30	39	46	41	32	492	2%
Referred to ED clinic	34	29	35	38	28	37	30	30	35	16	24	25	361	1%
Transferred to other HCP	12	<15	17	20	<15	<20	14	15	<15	8	9	<15	161	1%
Left department having refused treatment	***	***	***	***	***	***	***	***	***	***	***	0	27	0%
Died in department	***	0	***	***	0	0	***	***	0	***	***	***	10	0%
<b>Total</b>	<b>2012</b>	<b>2069</b>	<b>2186</b>	<b>2198</b>	<b>2124</b>	<b>2139</b>	<b>2177</b>	<b>1923</b>	<b>1696</b>	<b>1793</b>	<b>1901</b>	<b>2004</b>	<b>24222</b>	<b>100%</b>

## ASSAULT ATTENDANCES

Between April 2014 and March 2015 there were 622 assault attendances to Cumberland Infirmary ED. The month with the highest number was June 2014 with 67 assault attendances (figure 3).

**Figure 3: ED assault attendances by gender and month, April 2014 to March 2015**



<sup>3</sup> GP = General practitioner; HCP = Health care provider

The majority (74%) of attendees presenting to the ED with assault-related injuries were male (n=459; figure 3). Over half (54%) were aged between 15 and 29 years (n=334), while 39% were aged between 30 and 59 years (n=240; table 5).

**Table 5: ED assault attendances by age group and month, April 2014 to March 2015<sup>^,1</sup>**

Age group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
5-14	***	***	***	***	***	***	***	***	***	***	***	0	22	4%
15-29	29	28	31	30	35	25	28	29	26	21	30	22	334	54%
30-59	20	24	30	17	16	<30	<20	25	24	14	14	<15	240	39%
60 plus	***	***	***	***	***	0	0	***	***	***	***	***	26	4%
<b>Total</b>	53	58	67	51	57	54	46	57	54	37	48	40	622	100%

<sup>^</sup>There were no assault attendances in the 0-4 years category.

The assault location is shown in table 6. Just over half (51%) of incidents were recorded as occurring in 'other' locations (n=316). Over one-quarter (26%) occurred in a public place (n=161) and 19% occurred in the home (n=116).

**Table 6: ED assault attendances by incident location and month, April 2014 to March 2015<sup>1</sup>**

Incident location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other	28	34	22	28	30	24	33	32	23	21	29	12	316	51%
Public place	12	9	25	9	16	17	6	12	20	10	7	18	161	26%
Home	10	12	15	<15	<15	10	***	11	11	***	<15	<10	116	19%
Educational establishment	***	***	***	***	0	***	***	***	0	***	***	***	20	3%
Work	***	***	***	0	***	***	***	***	0	0	0	0	9	1%
<b>Total</b>	53	58	67	51	57	54	46	57	54	37	48	40	622	100%

Table 7 displays the disposal method of assault attendances. Over half (53%) were discharged from hospital with no follow-up treatment required (n=330), while just under a quarter (23%) required follow-up treatment (n=141), 13% had 'other' disposal methods (n=82) and 11% were admitted to hospital (n=69).

**Table 7: ED assault attendances by disposal method and month, April 2014 to March 2015<sup>1</sup>**

Disposal	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	30	36	33	29	35	30	16	26	26	25	26	18	330	53%
Follow-up	10	<15	17	8	15	9	17	15	<20	***	7	10	141	23%
Other	<10	***	9	9	***	8	5	<15	***	5	8	<10	82	13%
Admitted	***	7	8	5	***	7	8	***	8	***	7	***	69	11%
<b>Total</b>	53	58	67	51	57	54	46	57	54	37	48	40	622	100%