

TIIG
INJURY SURVEILLANCE IN THE NORTH WEST OF ENGLAND

WEST CUMBERLAND HOSPITAL EMERGENCY DEPARTMENT

MONTHLY BULLETIN: APRIL 2013 TO MARCH 2014

This bulletin provides a breakdown of all injury attendances to West Cumberland Hospital Emergency Department (ED) between April 2013 and March 2014.

In the twelve month period there were 13,225 injury attendances to the ED. The month with the highest number of attendances was July 2013 (n=1,301) compared to February 2014 (n=869), the month with the fewest (**Figure 1**).

There were more males than females attending the ED in 2013/14 (males=7,059; 53%) (**Figure 1**). Just under one-third (32%) were aged between 30 and 59 years (n=4,242), followed by 27% aged between 15 and 29 years (n=3,553) and 21% aged 60 years and above (n=2,816) (**Figure 2**).

Table 1 shows the injury group of attendances between April 2013 and March 2014. Just over three-quarters (76%) of attendances were categorised as 'other' injury (n=10,031). Sports injury accounted for over one in ten (n=1,412; 11%) injuries while there were equal proportions of road traffic collisions (n=695) and deliberate self-harm (n=636) (5% each). Furthermore, 3% of injuries were caused by assault (n=451).

The referral source to the ED is detailed in **Table 2**. Over three-fifths (63%) were self-referred (n=8,324) while under one-fifth (18%) were referred by the emergency services (n=2,364).

Table 3 illustrates the incident location. The primary incident location was the home (n=5,904; 45%)

followed by 43% recorded as 'other' location (n=5,678).

The discharge destination for ED attendances is displayed in **Table 4**. Just under three in five (58%) were discharged from hospital with no follow-up treatment required (n=7,660). Thirteen per cent were referred to an outpatient clinic (n=1,767) and an equal proportion were admitted to hospital (n=1,740; 13%).

ASSAULT ATTENDANCES

Between April 2013 and March 2014 there were 451 assault attendances to West Cumberland Hospital ED. The months with the highest number were May and July 2013 with 47 assault attendances each (**Figure 3**).

Over seven in ten (72%) of attendees presenting to the ED with assault-related injuries were male (n=326) (**Figure 3**). Fifty-seven per cent were aged between 15 and 29 years (n=257) while 35% were aged between 30 and 59 years (n=158) (**Table 5**).

The assault location is shown in **Table 6**. Just under seven in ten (69%) incidents were recorded as 'other' location (n=311) while 15% occurred in the home (n=66) and 12% occurred in a public place (n=55).

Table 7 illustrates the disposal method of assault attendances. Under two-thirds (63%) were discharged from hospital with no follow-up treatment required (n=283), followed by just under a quarter (24%) who required follow-up treatment (n=109) and 7% admitted to hospital (n=30).

Figure 1: ED attendances by gender and month, April 2013 to March 2014

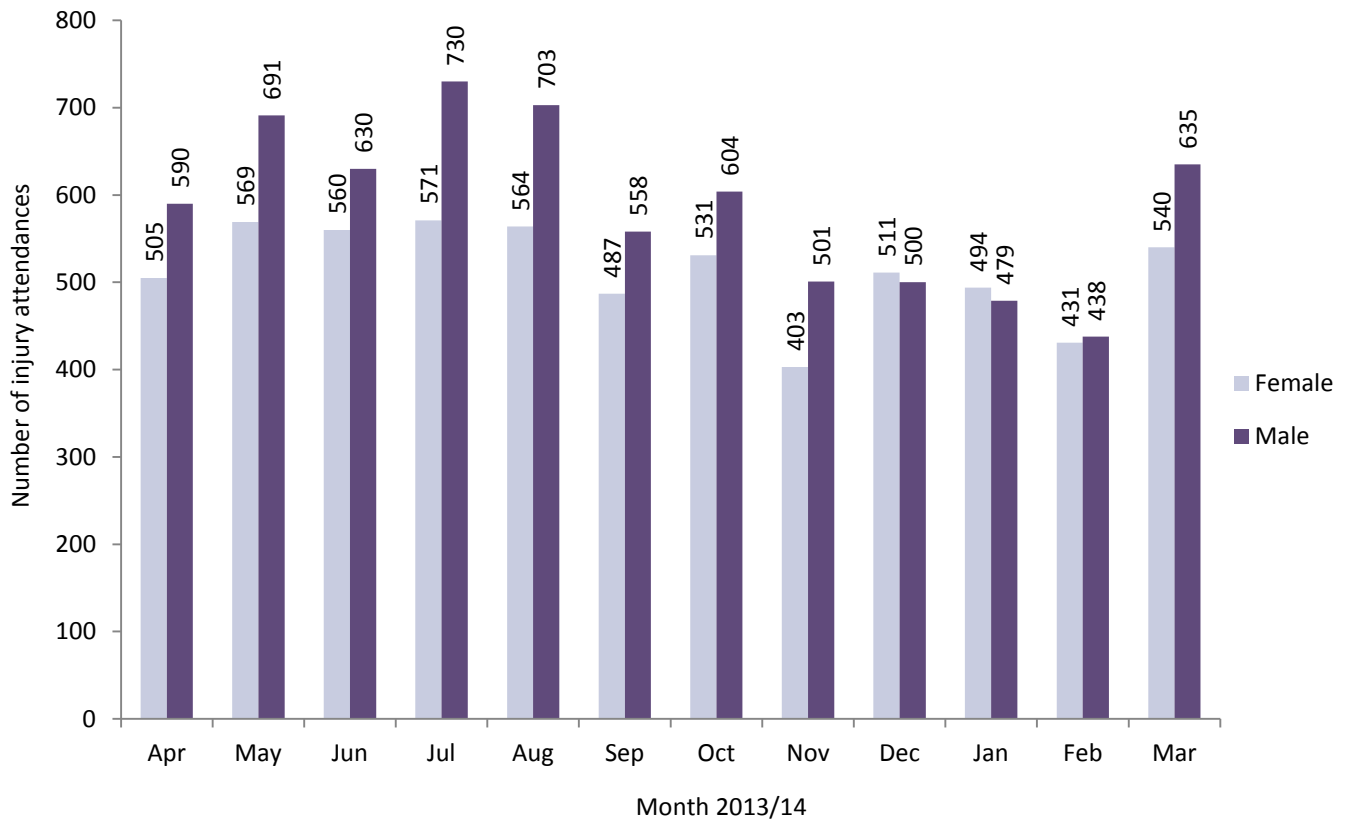


Figure 2: ED attendances by age group and month, April 2013 to March 2014

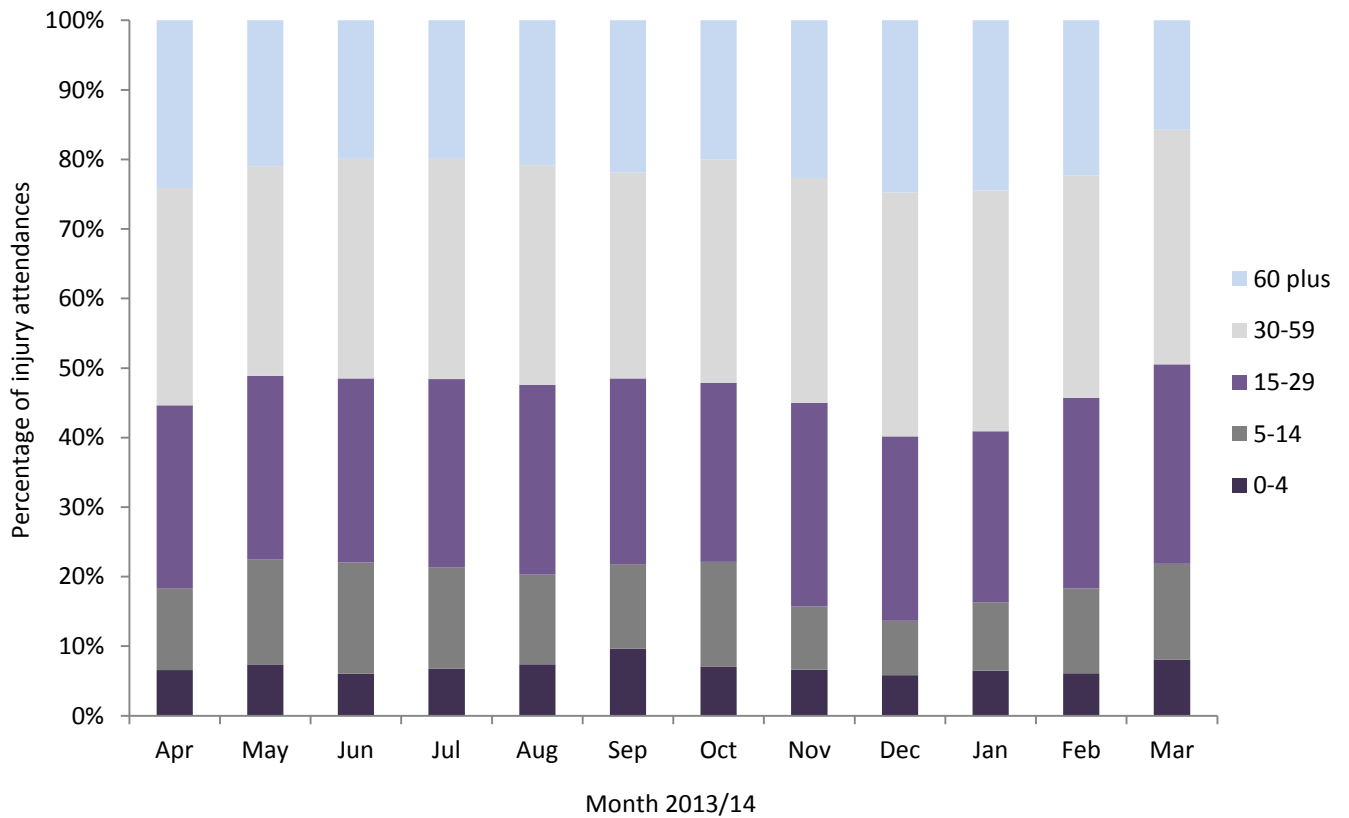


Table 1: ED attendances by injury group and month, April 2013 to March 2014

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other injury	841	949	911	998	981	803	854	650	803	730	637	874	10031	76%
Sports injury	128	135	125	142	128	124	148	85	72	71	103	151	1412	11%
Road traffic collision	49	71	51	56	50	42	55	78	43	75	52	73	695	5%
Deliberate self-harm	49	58	65	58	66	44	45	49	60	58	42	42	636	5%
Assault	28	47	38	47	42	32	33	42	33	39	35	35	451	3%
Total	1095	1260	1190	1301	1267	1045	1135	904	1011	973	869	1175	13225	100%

Table 2: ED attendances by referral source and month, April 2013 to March 2014¹

Referral source	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Self-referral	690	807	761	832	846	652	700	529	619	565	554	769	8324	63%
Emergency services	188	233	216	236	215	188	190	178	193	203	166	158	2364	18%
General medical practitioner	124	73	77	74	70	80	84	72	90	108	62	82	996	8%
Work	37	47	48	51	42	43	59	41	36	36	34	67	541	4%
Other	25	47	21	32	36	29	32	25	23	25	24	43	362	3%
Health care provider	16	34	32	40	43	20	19	12	20	11	10	22	279	2%
Educational establishment	6	11	23	22	0	24	41	28	16	14	12	24	221	2%
Police	9	8	12	14	15	9	10	19	14	11	7	10	138	1%
Total	1095	1260	1190	1301	1267	1045	1135	904	1011	973	869	1175	13225	100%

Table 3: ED attendances by incident location and month, April 2013 to March 2014²

Incident location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home	522	532	541	537	563	472	486	366	512	463	415	495	5904	45%
Other	462	599	528	619	560	418	469	404	359	374	374	512	5678	43%
Public place	54	46	31	41	97	62	39	39	51	50	19	53	582	4%
Work	<30	44	45	65	<50	54	53	50	47	53	27	47	559	4%
Educational establishment	<30	39	45	39	***	39	88	45	42	33	34	68	502	4%
Total	1095	1260	1190	1301	1267	1045	1135	904	1011	973	869	1175	13225	100%

Table 4: ED attendances by discharge destination and month, April 2013 to March 2014^{2,3}

Discharge destination	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged - no follow-up	661	761	725	830	758	604	584	487	524	515	531	680	7660	58%
Outpatient clinic	111	151	147	158	161	146	169	118	151	133	124	198	1767	13%
Admitted to hospital	188	136	153	149	141	144	120	150	139	171	121	128	1740	13%
Discharged - follow-up care by GP	23	59	38	49	34	52	146	69	59	56	38	82	705	5%
Referred to ED clinic	61	75	58	53	96	47	57	42	58	32	21	32	632	5%
Referred to other health care professional	23	28	21	26	31	8	23	19	25	29	17	18	268	2%
Left before being treated	7	27	20	14	19	21	12	6	26	12	5	12	181	1%
Other	8	13	13	11	9	12	11	7	18	12	8	12	134	1%
Transferred to other HCP	<15	<10	<15	<10	18	<10	<15	***	<15	<10	***	<15	112	1%
Left having refused treatment	***	***	***	***	0	***	***	***	***	***	***	***	26	0%
Total	1095	1260	1190	1301	1267	1045	1135	904	1011	973	869	1175	13225	100%

¹ 'Other' includes general dental practitioner and other.

² Please note that all numbers less than five have been suppressed (with ***) 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.

³ GP = General practitioner; HCP = Health care provider

ASSAULTS

Figure 3: ED assault attendances by gender and month, April 2013 to March 2014

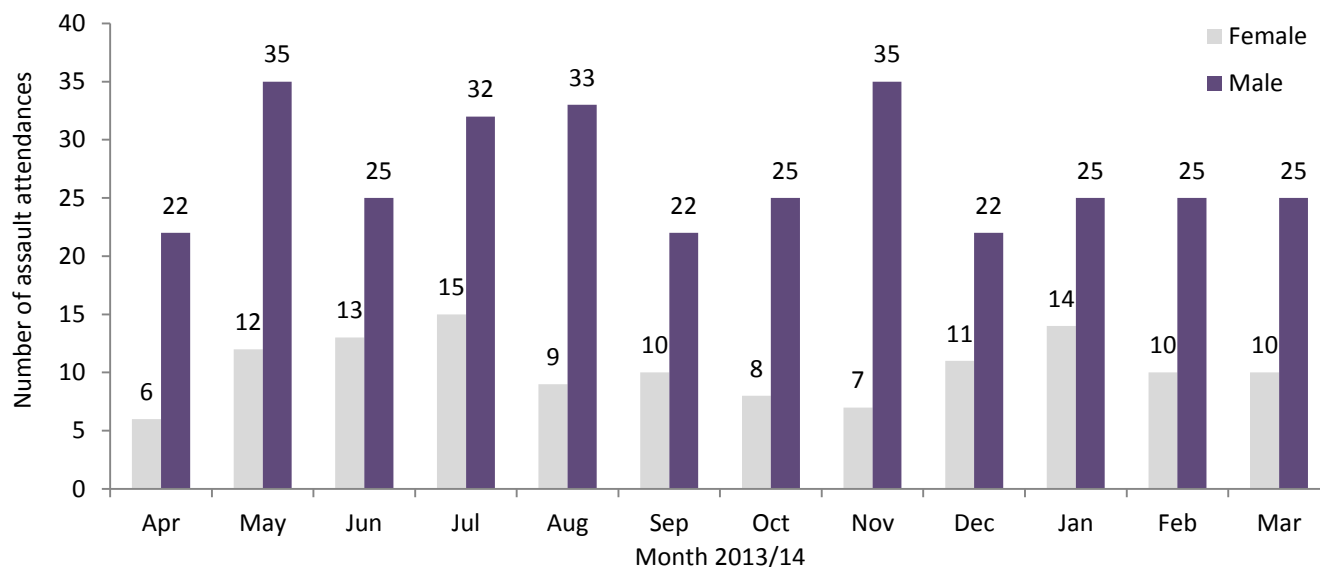


Table 5: ED assault attendances by age group and month, April 2013 to March 2014⁴

Age group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
5-14	***	***	***	***	***	***	***	***	0	***	***	***	17	4%
15-29	19	31	16	24	18	26	17	25	20	21	15	25	257	57%
30-59	8	13	18	18	21	***	12	13	<15	16	15	8	158	35%
60 plus	***	***	***	***	***	***	***	***	***	***	***	***	19	4%
Total	28	47	38	47	42	32	33	42	33	39	35	35	451	100%

⁴ There were no assault attendances in the 0-4 years category.

Table 6: ED assault attendances by incident location and month, April 2013 to March 2014⁴

Incident location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other	16	36	29	31	35	23	24	28	20	22	26	21	311	69%
Home	***	5	<10	12	***	5	5	6	6	7	6	***	66	15%
Public place	8	6	***	***	***	***	***	<10	7	7	***	5	55	12%
Educational establishment	***	0	0	***	0	***	***	***	0	***	***	***	14	3%
Work	0	0	0	0	0	0	0	0	0	***	0	***	5	1%
Total	28	47	38	47	42	32	33	42	33	39	35	35	451	100%

Table 7: ED assault attendances by disposal method and month, April 2013 to March 2014⁴

Disposal	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	23	25	22	29	29	17	20	26	17	28	24	23	283	63%
Follow-up	***	18	<10	10	11	10	10	10	11	6	6	6	109	24%
Admitted	***	***	***	<10	***	***	***	***	0	***	***	<10	30	7%
Other	0	***	7	***	***	***	***	***	5	***	***	***	29	6%
Total	28	47	38	47	42	32	33	42	33	39	35	35	451	100%

Published June 2014

Karen A Critchley (née Swarbrick) – TIIG Researcher/Analyst

Centre for Public Health, Faculty of Education, Health and Community, Liverpool John Moores University,

2nd Floor, Henry Cotton Building, Liverpool L3 2ET

T: 0151 231 4498 | E: k.a.critchley@ljmu.ac.uk | W: www.tiig.info and www.cph.org.uk | Twitter: [www.twitter.com/tiig_cph](https://twitter.com/tiig_cph)

⁴ Please note that all numbers less than five have been suppressed (with ***) 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.