



TIIG

INJURY SURVEILLANCE IN THE NORTH WEST OF ENGLAND

West Cumberland Hospital Emergency Department

Monthly Bulletin: April 2012 to March 2013

This bulletin provides a breakdown of all injury attendances at West Cumberland Hospital Emergency Department (ED) between April 2012 and March 2013.

There were 13,064 injury attendances between April 2012 and March 2013. The month with the highest attendance was May with 1,190 attendances (**Figure 1**). There were more male than female attendances presenting at the ED (males=7,147; 55%).

Figure 2 illustrates the age group of ED attendances for each month. A third (33%) of attendances to West Cumberland Infirmary ED were aged 30-59 years (n=4,315) and 28% were 15-29 years old (n=3,609).

The source of referral for ED attendances is detailed in **Table 1**. Sixty-four per cent of injury attendances were self-referrals (n=8,383) and just under a fifth (19%) were brought in by emergency services (n=2,516).

Table 2 shows the injury group of ED attendances. Three-quarters (75%) of injury attendances were recorded as other injury (n=9,753). Sports injury accounted for 11% of attendances (n=1,410) and road traffic collisions 6% (n=783). Five per cent of attendances were for deliberate self-harm (n=650) and assaults accounted for 4% of all injury attendances (n=468).

The location of incident is displayed in **Table 3**. Forty-three per cent of injuries took place in the home (n=5,599) and 5% occurred in a public place (n=608).

Table 4 displays the discharge destination for all injury attendances to Cumberland Infirmary ED. Over six in ten (63%) of all injury attendees were discharged with no follow-up treatment required (n=8,179). Twelve per cent were referred to an out-patient clinic (n=1,545) and 11% admitted to hospital (n=1,498).

Assault attendances

Between April 2012 and March 2013 there were 468 assault attendances to West Cumberland Hospital ED. The month with the highest attendance was December with 61 attendances (**Figure 3**). There were significantly more male than female assault attendances (males=337; 72%).

Table 5 illustrates the age group of assault attendances for each month. Fifty-four per cent were aged 15-29 years (n=251) and nearly four in ten (39%) were 30-59 years old (n=181).

Table 6 shows the incident location of assault attendances April 2012 to March 2013. Over seven in ten (71%) assaults reported to have occurred in 'other location' (n=331) and 15% took place in the home (n=68).

The discharge destination of assault attendances to the ED are displayed in **Table 7**. Fifty-six per cent of attendees were discharged (n=262) and 29% required follow-up treatment (n=137).

Figure 1: Gender of ED injury attendances by month, April 2012 to March 2013

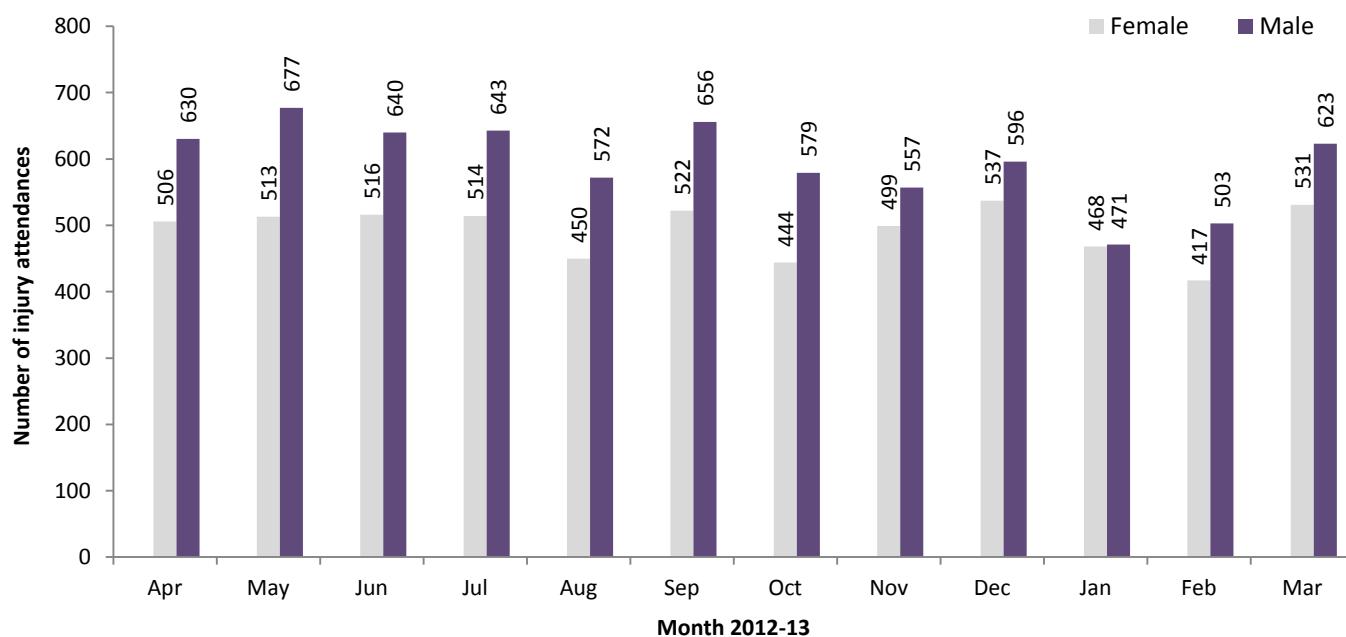


Figure 2: Age group of ED injury attendances by month, April 2012 to March 2013

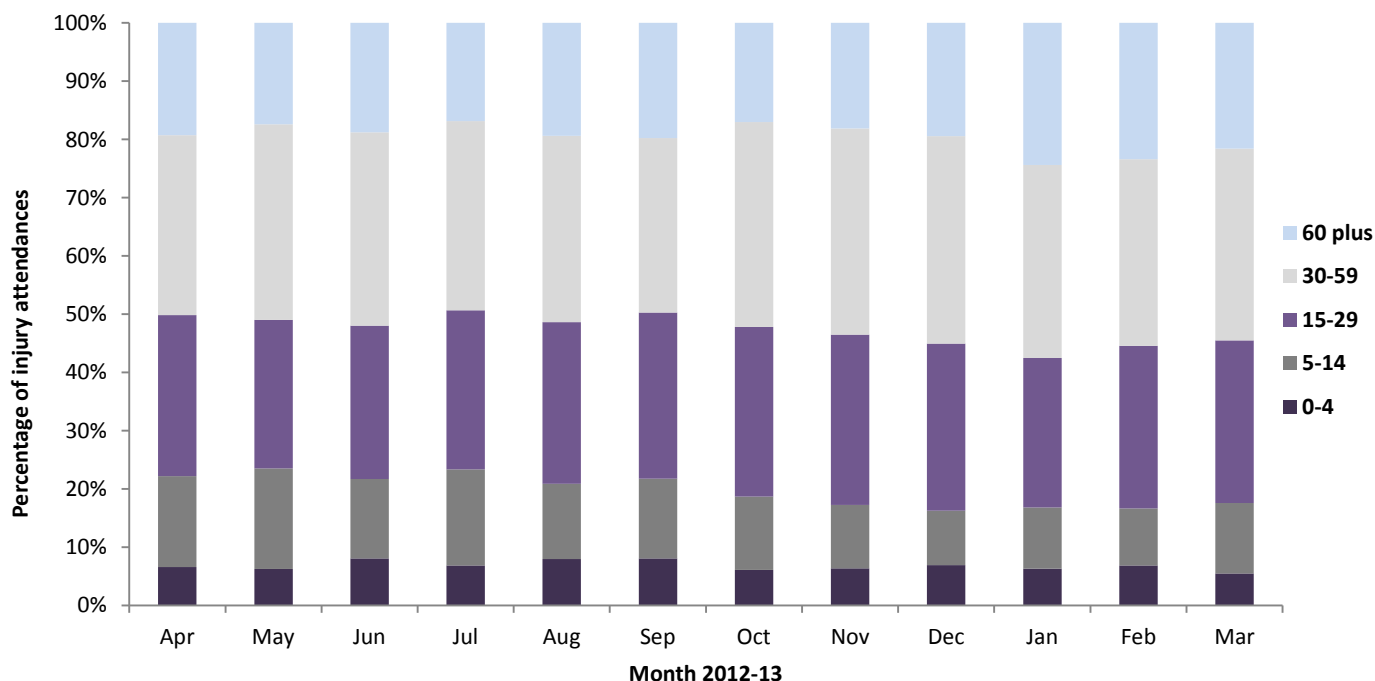


Table 1: ED injury attendances by source of referral and month, April 2012 to March 2013^{1,2}

Source of referral	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Self-referral	780	1045	912	1035	979	1080	1061	929	888	881	865	995	8383	64
Emergency services	207	328	329	374	345	364	307	364	369	349	370	380	2516	19
Work	39	34	27	23	33	39	33	43	33	30	31	29	577	4
GP	39	75	57	51	44	70	57	49	66	69	290	414	572	4
Health care provider	36	36	28	31	36	24	35	28	32	34	29	39	388	3
Other	25	39	50	67	67	59	58	49	52	41	67	107	306	2
Educational establishment	6	22	10	<20	***	23	21	18	24	18	15	27	191	1
Police	***	***	***	***	<15	***	***	***	***	***	***	***	<130	1
LA social services	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	1132	1594	1423	1604	1514	1666	1582	1488	1481	1431	1678	2002	13064	100

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

² GP=General Practitioner; LA=Local Authority

Table 2: ED injury attendances by injury group and month, April 2012 to March 2013³

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other injury	817	855	883	879	817	850	752	770	874	711	678	867	9753	75
Sports injury	155	151	126	112	78	157	130	99	57	87	107	151	1410	11
RTC	79	85	47	61	49	72	40	103	84	55	54	54	783	6
DSH	44	61	51	76	40	63	62	45	57	47	52	52	650	5
Assault	41	38	49	29	38	36	39	39	61	39	29	30	468	4
Total	1136	1190	1156	1157	1022	1178	1023	1056	1133	939	920	1154	13064	100

Table 3: ED injury attendances by location of incident and month, April 2012 to March 2013⁴

Location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other	538	538	539	510	478	520	456	488	491	414	383	479	5834	45
Home	473	459	495	489	444	494	407	438	517	428	437	518	5599	43
Public place	68	97	57	84	45	85	43	22	36	20	17	34	608	5
Work	37	41	43	<50	<60	34	65	61	50	31	54	53	571	4
Educational establishment	20	55	22	***	***	45	52	47	39	46	29	70	452	3
Total	1136	1190	1156	1157	1021	1178	1023	1056	1133	939	920	1154	13064	100

Table 4: ED injury attendances by discharge destination and month, April 2012 to March 2013

Disposal	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged - did not require any follow up treatment	763	697	719	730	649	737	640	701	725	584	551	683	8179	63
Referred to other out-patient Clinic	123	190	169	236	248	272	253	224	219	200	187	203	1545	12
Admitted to hospital	114	109	116	122	99	142	118	117	133	117	133	178	1498	11
Referred to A&E clinic	62	87	72	46	58	45	28	41	40	41	49	45	614	5
Discharged - follow up treatment to be provided by GP	38	105	74	119	140	164	195	165	166	126	69	98	595	5
Referred to other health care professional	12	29	36	34	39	37	51	34	29	20	31	32	286	2
Left department before being treated	15	27	19	31	20	51	35	22	33	23	25	20	158	1
Other	***	***	***	7	5	7	20	8	11	8	7	8	84	1
Transferred to other health care provider	6	***	***	6	7	5	8	5	8	5	8	11	76	1
Left department having refused treatment	***	***	***	***	***	***	***	***	***	***	***	***	<30	0
Died in department	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	1136	1244	1205	1331	1265	1460	1348	1317	1371	1124	1065	1278	13064	100

³ DSH=Deliberate self-harm; RTC=Road traffic collision⁴ Educational establishment includes: educational establishment; school other; school; school playground; and, school sport. Public place includes public place and playing out.

Assaults

Figure 3: Number of ED assault attendances by gender and month, April 2012 to March 2013

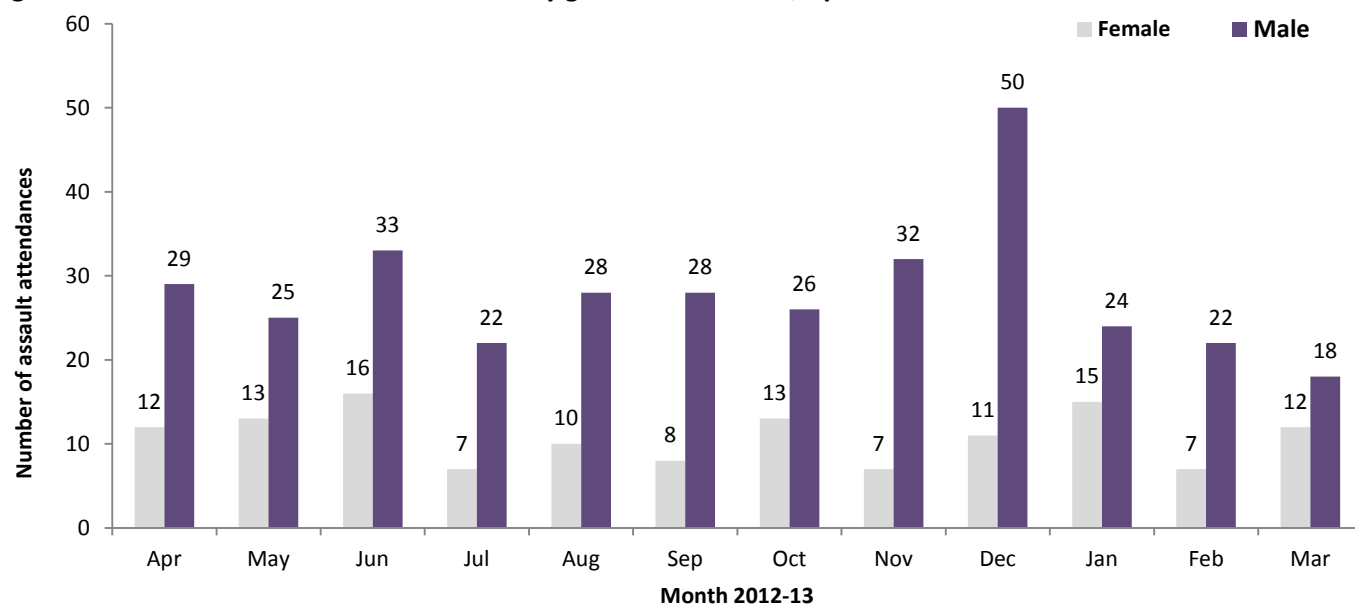


Table 5: ED assault attendances by age group and month, April 2012 to March 2013

Age group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
0-4	***	***	***	***	***	***	***	***	***	***	***	***	***	0
5-14	***	***	***	***	***	***	***	***	***	***	***	***	<20	4
15-29	20	22	24	12	22	20	21	18	34	19	16	23	251	54
30-59	18	11	20	15	14	13	15	19	23	20	<20	***	181	39
60 plus	***	***	***	***	***	***	***	***	***	***	***	***	18	4
Total	41	38	49	29	38	36	39	39	61	39	29	30	468	100

Table 6: ED assault attendances by location of incident and month, April 2012 to March 2013

Location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other	27	22	38	22	33	25	25	28	40	29	24	18	331	71
Home	8	6	5	6	***	6	***	***	13	8	***	6	68	15
Public place	5	9	***	***	***	***	8	7	6	***	***	***	51	11
Educational Establishment	***	***	***	***	***	***	***	***	***	***	***	***	11	2
Work	***	***	***	***	***	***	***	***	***	***	***	***	7	1
Total	41	38	49	29	38	36	39	39	61	39	29	30	468	100

Table 7: ED assault attendances by discharge destination and month, April 2012 to March 2013

Disposal	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	19	19	27	17	18	25	25	25	30	18	16	23	262	56
Follow-up	12	14	20	9	13	5	12	6	17	14	10	5	137	29
Admitted	***	***	***	***	***	***	***	***	***	***	***	***	44	9
Other	***	***	***	***	***	***	***	***	***	***	***	***	25	5
Total	41	38	49	29	38	36	39	39	61	39	29	30	468	100

Published May 2013

Karen Swarbrick (TIIG Researcher/Analyst)

Centre for Public Health, Liverpool John Moores University, 2nd Floor, Henry Cotton Building, Liverpool, L3 2ET

Tel: 0151 231 4498 Email: K.A.Swarbrick@ljmu.ac.uk

Website: www.tiig.info (please note data requests should be made through the website)