

TIIG
INJURY SURVEILLANCE IN THE NORTH WEST OF ENGLAND

**Royal Blackburn Hospital Emergency Department and Urgent Care Centre and Burnley
General Hospital Urgent Care Centre**

Monthly Bulletin: October 2012 to September 2013

This bulletin provides a breakdown of all injury attendances to the Royal Blackburn Hospital Emergency Department (ED) and Urgent Care Centre (UCC), and Burnley General Hospital UCC between October 2012 and September 2013.

In this twelve month period, there were 64,403 ED and UCC attendances. The month with the highest number of attendances was July 2013 with 6,041 compared to 4,644 in February 2013 (**Figure 1**).

There were more male than female attendees presenting at the ED and UCCs (males=34,604; 54%) (**Figure 1**).

Figure 2 illustrates the age group of ED and UCC attendances for each month. Over a third (34%) of the attendees were aged 30-59 years (n=22,178), followed by almost three in ten (29%) aged 15-29 years (n=18,504).

The source of referral for attendances between October 2012 and September 2013 is detailed in **Table 1**. Over a quarter (n=17,587; 27%) of attendees were brought in by a parent, with the same proportion brought in by others (n=17,400; 27%). Twenty-six per cent of attendees were self-referred to the ED and UCCs (n=16,955) and 16% were referred by the ambulance service (n=10,003).

Table 2 shows the injury group of ED and UCC attendances. The majority (n=56,167; 87%) were recorded as other injury. Sports injury accounted for 5% of attendances (n=2,989), road traffic collisions 4% (n=2,855) and assaults 3% (n=2,102).

The discharge destination for injury attendances to the ED and UCCs is displayed in **Table 3**. Over two-fifths (44%) were discharged with no follow-up

treatment required (n=28,458) and 13% were discharged to their General Practitioner (GP) (n=8,096). Nine per cent of attendees were referred to the fracture/ orthopaedic clinic (n=6,060) and 8% discharged to a GP within Burnley General Hospital (n=5,175).

Assault attendances

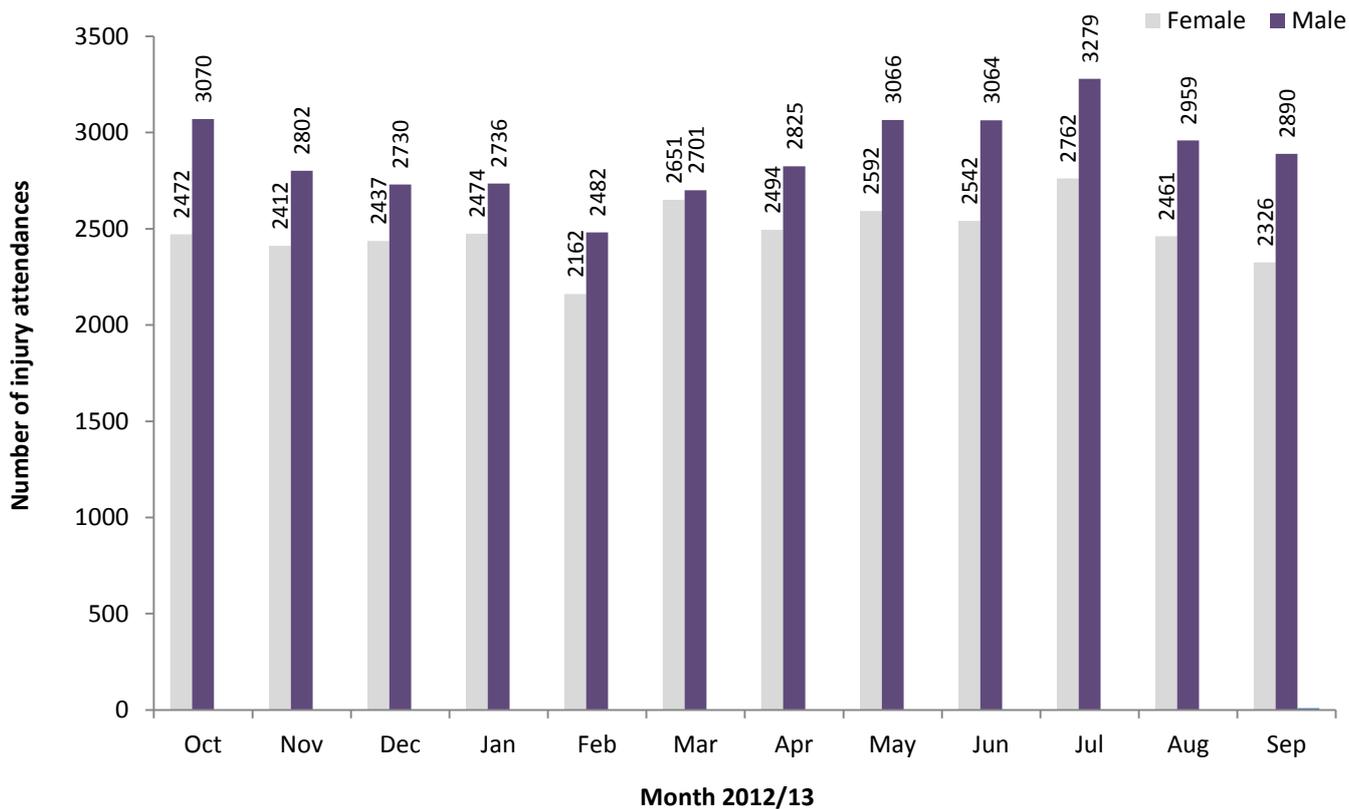
Between October 2012 and September 2013 there were 2,102 assault attendances to the ED and UCCs. The month with the highest number was December 2012 with 222 attendances (**Figure 3**). Over seven in ten (73%) of assault attendees were male (males=1,531) (**Figure 3**).

Table 4 details the age group of assault attendances for each month. Over half (53%) of assault attendees were aged 15-29 years (n=1,122), followed by 38% aged 30-59 years (n=795).

The source of referral for assault attendances to the ED and UCCs are displayed in **Table 5**. The primary source of referral for assault attendances was by ambulance (n=713; 34%). Over two-fifths (21%) were self-referred (n=434), 17% brought in by others (n=366) and 17% brought in by a parent (n=361).

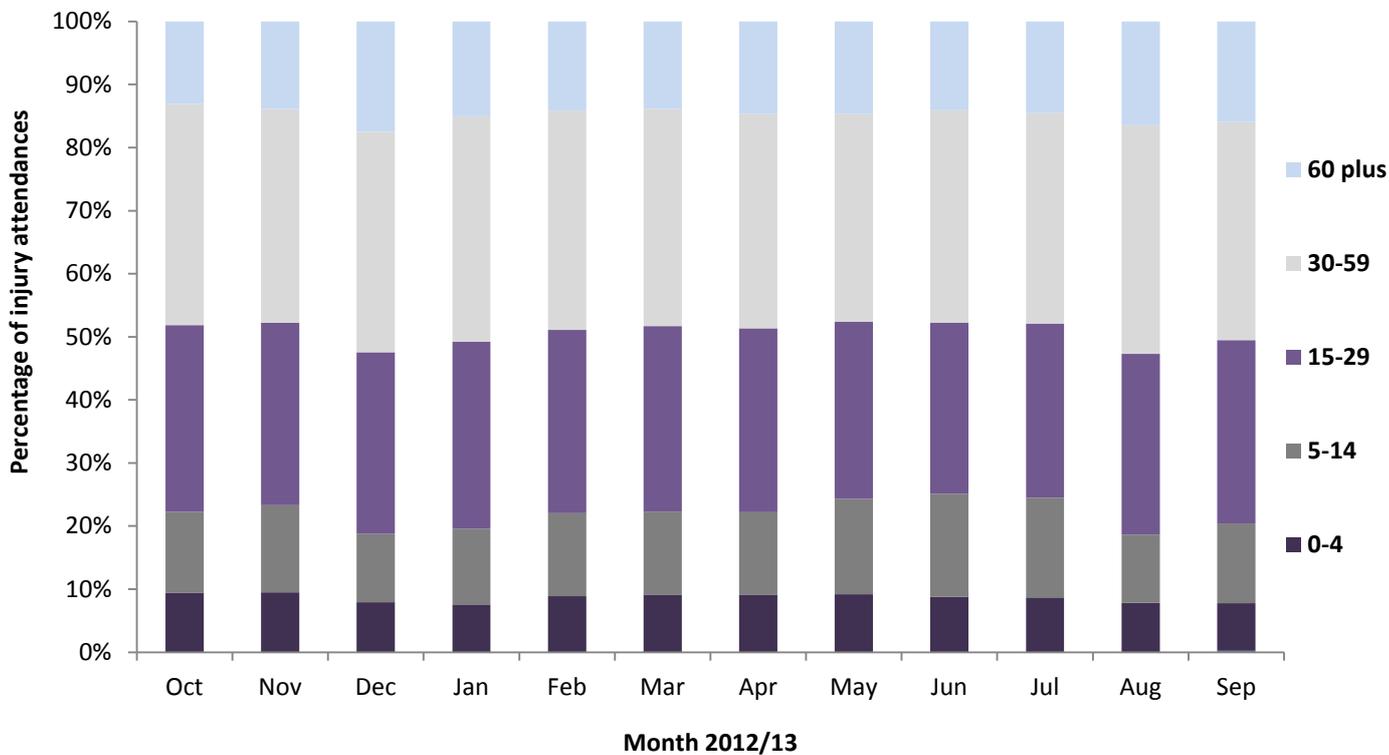
Table 6 demonstrates the discharge destination of assault attendances in October 2012 to September 2013. Almost half (48%) of all assault attendees were discharged with no follow-up required (n=1,015). Three in ten (30%) required follow-up treatment (n=627) and 11% were admitted to hospital (n=239).

Figure 1: Gender of ED and UCC injury attendances by month, October 2012 to September 2013*



* There were three attendances where the gender was recorded as indeterminate and 11 attendances where the gender had not been recorded.

Figure 2: ED and UCC injury attendances by age group and month, October 2012 to September 2013*



* There were 18 attendances where the age was not recorded.

Table 1: ED and UCC injury attendances by source of referral and month, October 2012 to September 2013¹

Source of referral	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Brought in by parent	1158	1177	921	981	994	1189	1737	1839	1950	1936	2010	1695	17587	27
Brought in by others	1806	1646	1752	1765	1552	1793	1168	1298	1257	1384	936	1043	17400	27
Self-referral	1548	1398	1335	1462	1228	1395	1448	1444	1379	1528	1353	1437	16955	26
Ambulance	817	794	942	805	704	783	804	829	806	951	922	846	10003	16
Other	62	56	77	39	48	53	55	109	91	112	77	64	843	1
Police	54	47	58	42	34	45	25	34	34	37	42	45	497	1
Sent by others	32	37	34	42	37	37	33	32	30	34	33	25	406	1
GP request	34	31	23	47	30	43	22	44	30	32	26	34	396	1
ED staff	21	16	15	15	9	***	<15	13	16	15	8	23	165	0
Direct referral	<10	11	10	8	<10	7	11	9	8	<15	11	16	117	0
Staff health	0	***	0	***	***	***	6	5	***	***	***	0	24	0
Emergency call	0	0	0	0	0	***	0	***	***	0	***	0	5	0
Consultant	***	***	0	0	0	0	***	0	0	0	0	0	***	0
ED follow-up	0	0	0	***	0	0	0	***	0	0	0	0	***	0
Total	5542	5215	5167	5210	4644	5352	5320	5658	5606	6041	5420	5228	64403	100

Table 2: ED and UCC injury attendances by injury group and month, October 2012 to September 2013*

Injury group	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Other injury	4779	4510	4476	4599	3923	4704	4651	4987	4913	5305	4801	4519	56167	87
Sports injury	255	245	145	163	282	250	270	295	293	268	210	313	2989	5
Road traffic collision	304	259	296	250	259	208	201	198	229	243	199	209	2855	4
Assault	181	177	222	184	153	158	172	148	154	203	182	168	2102	3
Deliberate self-harm	23	24	28	14	27	32	26	30	17	22	28	19	290	0
Total	5542	5215	5167	5210	4644	5352	5320	5658	5606	6041	5420	5228	64403	100

* Due to low numbers, firework injuries have been included in the 'other injury' category (n=2).

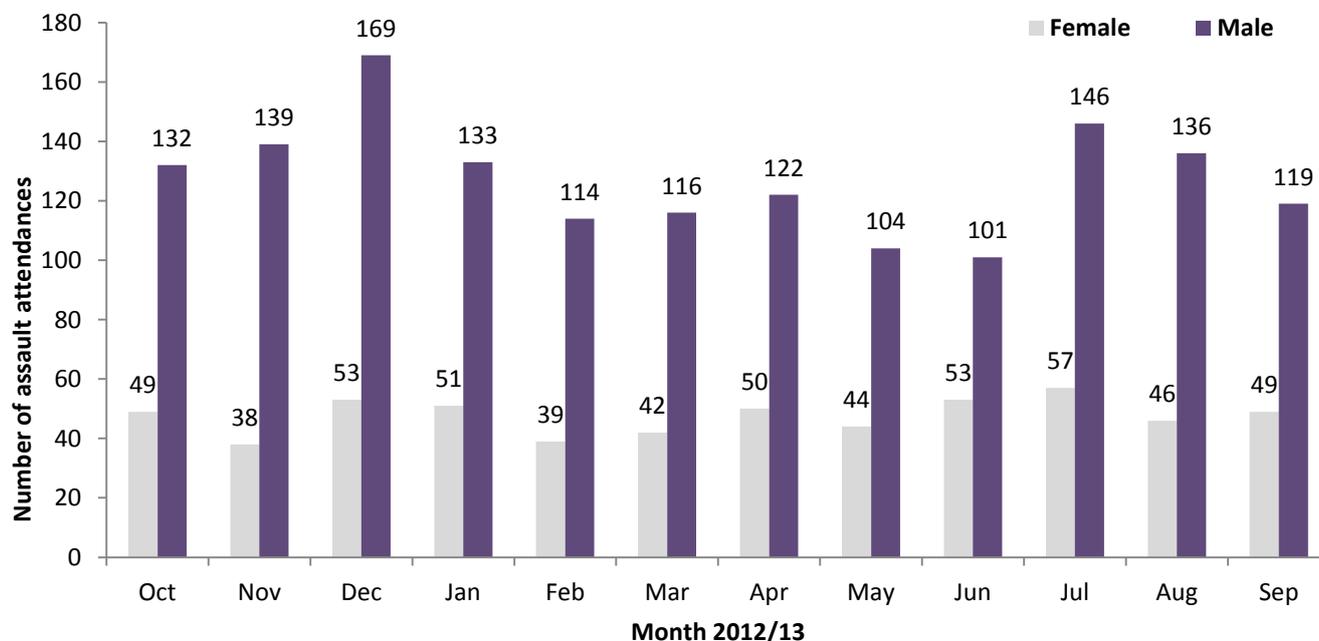
¹ Please note that all numbers less than five have been suppressed (with ***) in line with patient confidentiality. If there is only one number less than five in a category then two numbers will be suppressed to prevent back calculations from totals.

Table 3: ED and UCC injury attendances by discharge destination and month, October 2012 to September 2013^{2,3,4}

Discharge destination	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Discharged no follow-up	2384	2383	2230	2373	2115	2301	2289	2541	2658	2616	2354	2214	28458	44
Discharged to GP	855	647	604	690	623	761	649	624	611	667	644	721	8096	13
Clinic - fracture/orthopaedic	455	472	438	496	396	484	491	569	574	640	518	527	6060	9
BGH discharge to GP within unit BGH	428	412	536	442	392	481	426	489	390	413	387	379	5175	8
Left before treatment	310	274	287	211	237	281	313	290	257	415	352	227	3454	5
RBH discharge to GP within unit RBH	318	278	342	229	186	244	287	255	293	268	261	197	3158	5
Admitted to ward	252	221	242	240	202	221	240	271	262	289	241	256	2937	5
Unknown	147	157	119	170	153	202	175	171	144	164	141	184	1927	3
Clinic - other	91	99	107	123	106	116	144	145	125	165	138	193	1552	2
GP treatment room	121	103	94	97	108	92	122	116	103	150	168	111	1385	2
Left refusing treatment	86	71	85	52	44	84	77	99	83	118	101	84	984	2
Clinic - ear/nose/throat	39	36	26	30	33	31	33	28	36	41	29	41	403	1
Other hospital	18	21	21	27	20	15	26	30	26	26	29	22	281	0
Clinic - ophthalmology	14	18	10	15	15	19	21	14	18	24	18	36	222	0
Clinic - oral/dental surgery	***	6	9	6	***	9	10	8	9	18	15	13	111	0
Other	13	6	6	***	***	6	8	***	5	17	9	9	86	0
Community/ district nurse	***	5	***	***	***	***	<10	***	<10	***	8	8	51	0
Died in department	***	***	***	***	***	***	***	***	***	6	<10	6	47	0
Admitted to theatre	***	***	5	0	***	0	0	***	0	***	***	0	<15	0
Dead on arrival	0	***	0	0	0	***	0	0	0	0	0	0	***	0
Total	5542	5215	5167	5210	4644	5352	5320	5658	5606	6041	5420	5228	64403	100

Assaults

Figure 3: Number of ED and UCC assault attendances by gender and month, October 2012 to September 2013



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 will be suppressed to prevent back calculations from totals.

³ RBH = Royal Blackburn Hospital; BGH = Burnley General Hospital.

⁴ 'Clinic - other' includes: trauma clinic, dressing clinic, GUM clinic, medicine and diabetic clinic and dermatology/plastic surgery clinic. 'Other' includes: residential home, police custody, other and referred to own dentist. 'Other hospital' includes: other hospital and emergency hospital transfer.

Table 4: ED and UCC assault attendances by age group and month, October 2012 to September 2013⁵

Age group	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
0-4	***	***	0	***	***	0	***	***	***	***	0	0	***	0
5-14	13	17	6	10	7	10	13	7	14	18	7	9	131	6
15-29	93	95	137	106	77	87	82	89	85	92	105	74	1122	53
30-59	71	63	74	64	68	56	72	49	52	83	63	80	795	38
60 plus	***	***	5	***	***	5	***	***	***	<10	7	5	<50	2
Total	181	177	222	184	153	158	172	148	154	203	182	168	2102	100

* There were two attendances where the age was unknown; these have been included in the total figure.

Table 5: ED and UCC assault attendances by source of referral and month, October 2012 to September 2013⁵

Source of referral	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Ambulance	54	58	82	52	45	56	54	45	59	77	67	64	713	34
Self-referral	38	25	48	48	34	27	45	27	29	43	37	33	434	21
Brought in by others	47	51	45	53	40	33	21	17	15	17	14	13	366	17
Brought in by parent	22	25	18	12	16	22	41	33	38	45	50	39	361	17
Police	15	13	15	11	13	16	7	13	10	13	9	13	148	7
Other	***	***	7	***	***	0	0	6	***	***	***	<10	33	2
Sent by others	0	***	5	***	***	***	***	0	***	***	***	***	22	1
ED staff	***	***	***	***	***	0	0	***	***	***	***	0	15	1
GP request	***	0	0	0	0	***	***	***	0	***	0	0	6	0
Direct referral	0	0	0	***	0	0	0	0	0	0	***	0	***	0
Staff health	0	0	***	0	0	0	0	***	0	0	0	0	***	0
Total	181	177	222	184	153	158	172	148	154	203	182	168	2102	100

Table 6: ED and UCC assault attendances by discharge destination and month, October 2012 to September 2013

Discharge destination	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Discharged	91	92	115	94	67	83	76	75	65	94	82	81	1015	48
Follow-up	44	47	66	56	44	45	65	36	46	62	65	51	627	30
Admitted	29	18	18	18	24	13	17	20	27	22	17	16	239	11
Other	17	20	23	16	18	17	14	17	16	25	18	20	221	11
Total	181	177	222	184	153	158	172	148	154	203	182	168	2102	100

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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.Swarbrick@ljmu.ac.uk | W: www.tiig.info and www.cph.org.uk

(Please note data requests should be made through the TIIG website)

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