INJURY SURVEILLANCE IN THE NORTH WEST OF ENGLAND

Furness General Hospital Emergency Department Monthly Bulletin: October 2010 to September 2011

This bulletin provides a breakdown of all injury attendances to Furness General Hospital Emergency Department (ED) between October 2010 and September 2011. Injury attendances peaked in July (n=722), with June (n=402) having the fewest.

There were more male (61%) injury attendances than female presenting at Furness General Hospital ED (**Figure 1**). Two-fifths (40%) of injury attendances were aged 25 to 59 years, while 29% were aged 5 to 19 (**Figure 2**).

Most injury attendances were recorded as other injury (55%), 22% were sports injury and 12% road traffic collisions (RTC) (**Table 1**).

Table 2 shows the vast majority of injury attendances in the 0 to 4 (89%) and 60 plus (84%) age groups were recorded as other injury. Apart from other injury, sports injury was the most common injury group in people aged 5 to 19 (37%), 20 to 24 (29%) and 25 to 59 (16%).

Table 3 shows that the majority (86%) of injury attendees self-referred and 6% were referred by the emergency services. For most age groups, the emergency services were the second highest referral source (**Table 4**).

Over four in ten of all injury attendances occurred in a public place (42%) and 39% occurred in the home (**Table 5**).

Nearly half (46%) of attendees were discharged requiring no follow-up treatment; 17% were discharged into the care of their GP, whilst 12% were referred to a fracture clinic (**Table 6**).

Figure 1: Gender of injury attendances by month, October 2010 to September 2011

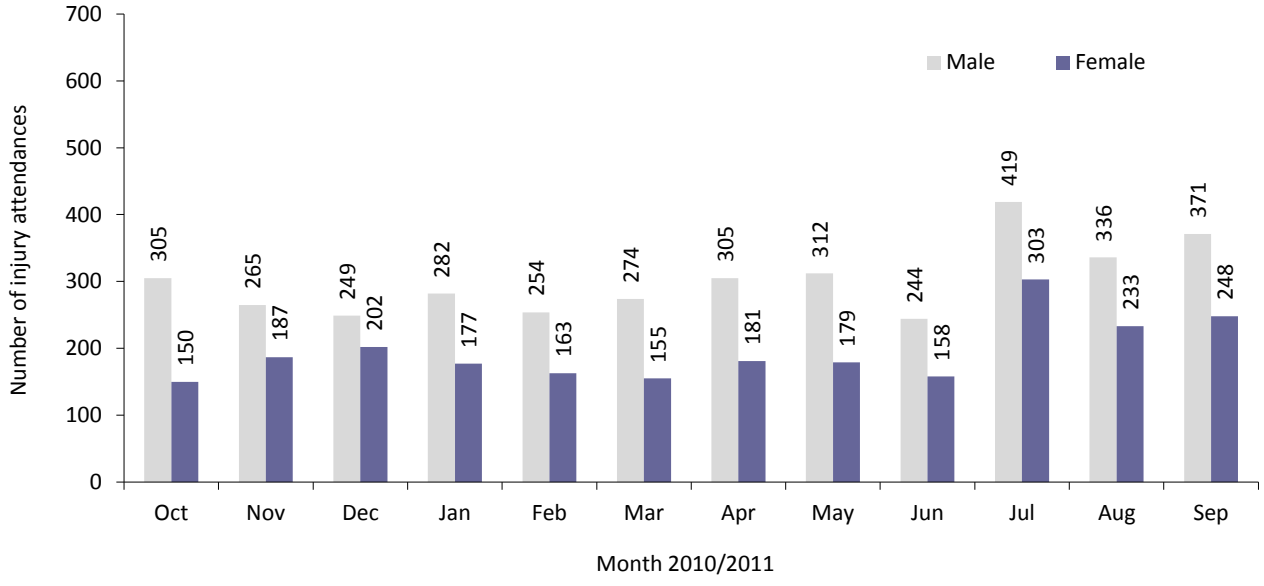

Figure 2: Age group of injury attendances by month, October 2010 to September 2011

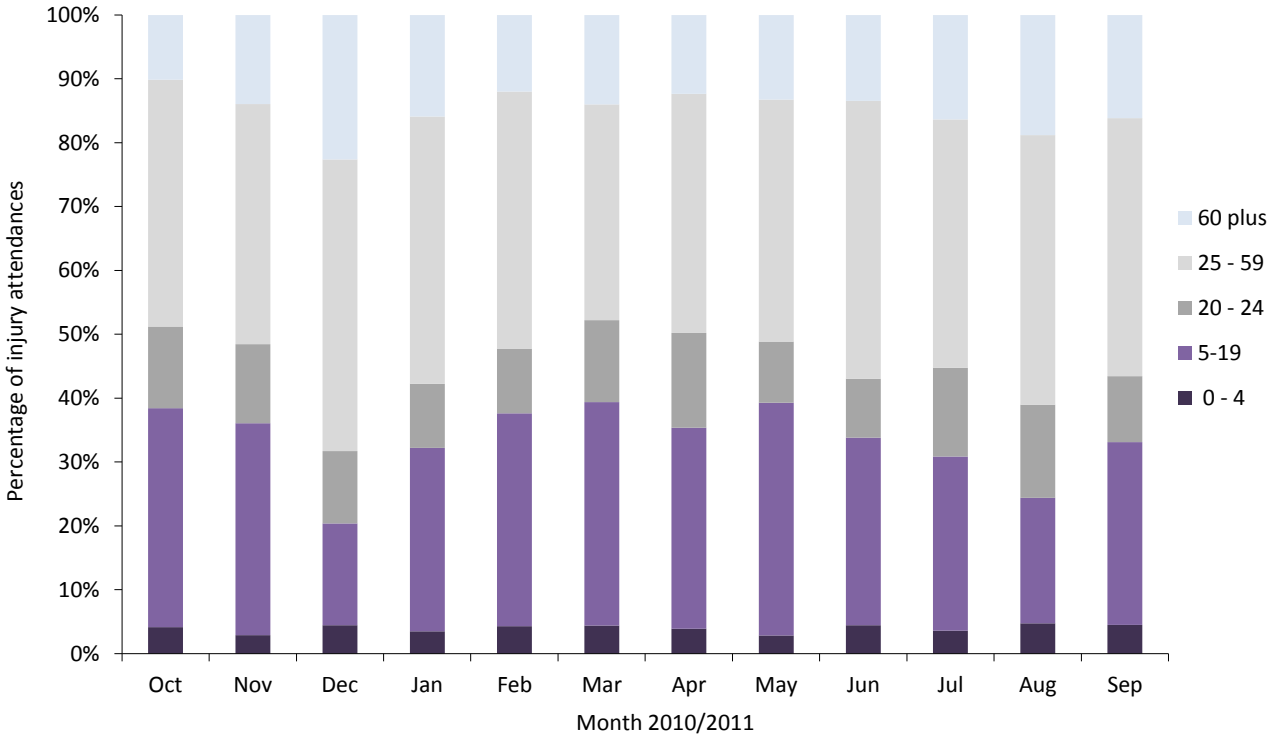

Table 1: Injury attendances by injury group and month, October 2010 to September 2011[1]

Injury group	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Other injury	178	209	320	237	198	178	227	270	193	496	350	407	3263	55
Sports injury	144	111	32	90	113	143	139	121	111	116	87	121	1328	22
RTC	58	80	59	70	52	46	58	52	46	64	74	49	708	12
Assault	40	30	19	34	35	32	37	37	27	24	39	23	377	6
Deliberate self-harm	35	22	21	28	19	30	25	11	25	22	19	19	276	5
Total	455	452	451	459	417	429	486	491	402	722	569	619	5952	100

Table 2: Injury attendances by injury group and age group, October 2010 to September 2011

Injury group	0 - 4		5 - 19		20 - 24		25 - 59		60 plus		Total
	N	%	N	%	N	%	N	%	N	%	
Assault	***	0	87	5	83	12	198	8	<9	1	377
DSH	***	0	63	4	52	7	154	6	<8	1	276
Other injury	212	89	743	43	271	38	1284	54	753	84	3263
RTC	13	5	165	10	101	14	362	15	67	7	708
Sports injury	11	5	677	39	204	29	373	16	63	7	1328
Total	237	100	1735	100	711	100	2371	100	898	100	5952

Table 3: Injury attendances by source of referral and month, October 2010 to September 2011[23]

Source of referral	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total	%
Self-referral	363	388	357	405	361	378	437	440	349	611	476	530	5095	86
Emergency services	26	21	59	24	17	20	17	13	19	63	54	46	379	6
Other	30	10	16	11	12	7	11	11	11	16	16	10	161	3
GP	<7	9	10	8	<6	***	7	8	9	17	12	15	110	2
Police	10	14	5	7	9	***	10	<7	7	6	10	<6	93	2
Educational establishment	20	<7	***	***	10	15	***	12	<7	<6	***	9	90	2
Work	***	***	***	***	***	***	***	***	***	***	***	***	24	0
Total	455	452	451	459	417	429	486	491	402	722	569	619	5952	100

Table 4: Injury attendances by source of referral and age group, October 2010 to September 2011

Source of referral	0 - 4		5 - 19		20 - 24		25 - 59		60 plus		Total
	N	%	N	%	N	%	N	%	N	%	
Educational establishment	0	0	87	5	0	0	***	0	***	0	90
Emergency services	10	4	50	3	35	5	135	6	149	17	379
GP	***	1	<15	1	<9	1	50	2	35	4	110
Other	9	4	34	2	21	3	53	2	44	5	161
Police	***	0	19	1	17	2	53	2	***	0	93
Self referral	215	91	1529	88	625	88	2064	87	662	74	5095
Work	0	0	***	0	<6	1	<16	1	***	0	24
Total	237	100	1735	100	711	100	2371	100	898	100	5952

Table 5: Injury attendances by location of incident and month, October 2010 to September 2011

Location	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Public place	226	222	207	195	175	178	239	220	165	251	208	200	2486	42
Home	135	133	204	183	140	125	162	144	149	372	266	300	2313	39
Other	39	40	<13	51	42	44	40	55	41	48	<69	45	525	9
Educational establishment	38	38	<15	15	33	51	18	44	19	22	***	38	330	6
Work	17	19	<15	15	27	31	27	28	28	29	<28	36	298	5
Total	455	452	451	459	417	429	486	491	402	722	569	619	5952	100

Table 6: Disposal method of all injury attendances by month, October 2010 to September 2011

Disposal	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Discharged - did not require follow-up treatment	203	188	160	192	209	212	255	239	208	327	262	257	2712	46
Discharge - follow up care by GP	97	101	73	73	63	71	69	64	41	143	118	104	1017	17
Referred to fracture clinic	58	50	50	41	50	54	50	70	47	71	53	94	688	12
Admit to hospital bed	38	39	92	73	38	34	32	43	49	96	65	82	681	11
Referred to ED clinic	24	24	36	23	19	24	32	35	21	37	24	29	328	6
Referred to out-patient clinic	12	25	6	16	13	12	17	22	10	17	14	17	181	3
Left - before being treated	***	11	17	24	11	9	16	6	13	16	13	17	157	3
Refer to other health care provider	7	***	7	6	***	***	5	7	5	***	7	5	63	1
Transfer to other health care provider	8	***	***	***	5	***	5	***	***	***	***	5	47	1
Other	***	***	5	***	5	***	***	***	***	***	8	6	45	1
Left - refused treatment	***	5	***	***	***	***	***	***	***	***	***	***	30	1
Patient died in department	***	***	***	***	***	***	***	***	***	***	***	***	***	0
Total	455	452	451	459	417	429	486	491	402	722	569	619	5952	100

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[1] Please note percentages might not add to one hundred due to rounding.
[2] GP=General practitioner.
[3] Please note that all numbers less than five have been suppressed in line with patient confidentiality and if there is only one number is less than five in a category then two numbers will be suppressed at the next level (e.g. <6) in order to prevent back calculations from totals.