

Trauma and Injury Intelligence Group Biannual Bulletin

Southport and Formby District General Hospital Emergency Department
April 2014 to March 2015

July 2015



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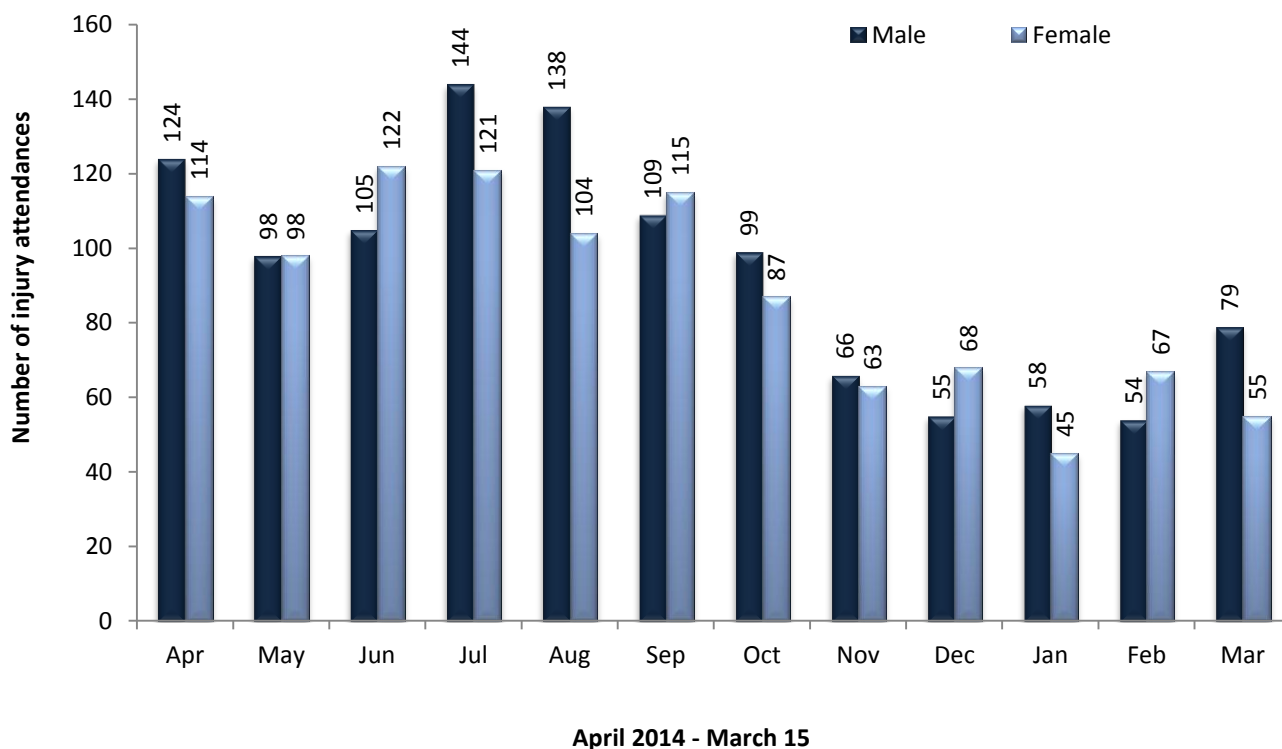
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ALL INJURY ATTENDANCES

This bulletin provides a breakdown of injury attendances by Lancashire residents to Southport and Formby District General Hospital Emergency Department (ED) between April 2014 and March 2015. In the twelve month period there were 2,189 injury attendances to the ED. Attendances, calculated as a daily average, peaked in July 2014 (9 per day), while January 2015 had the fewest (3 per day; figure 1). There were more males than females attending the ED in 2014/15 (males=1,129, 52%; figure 1).

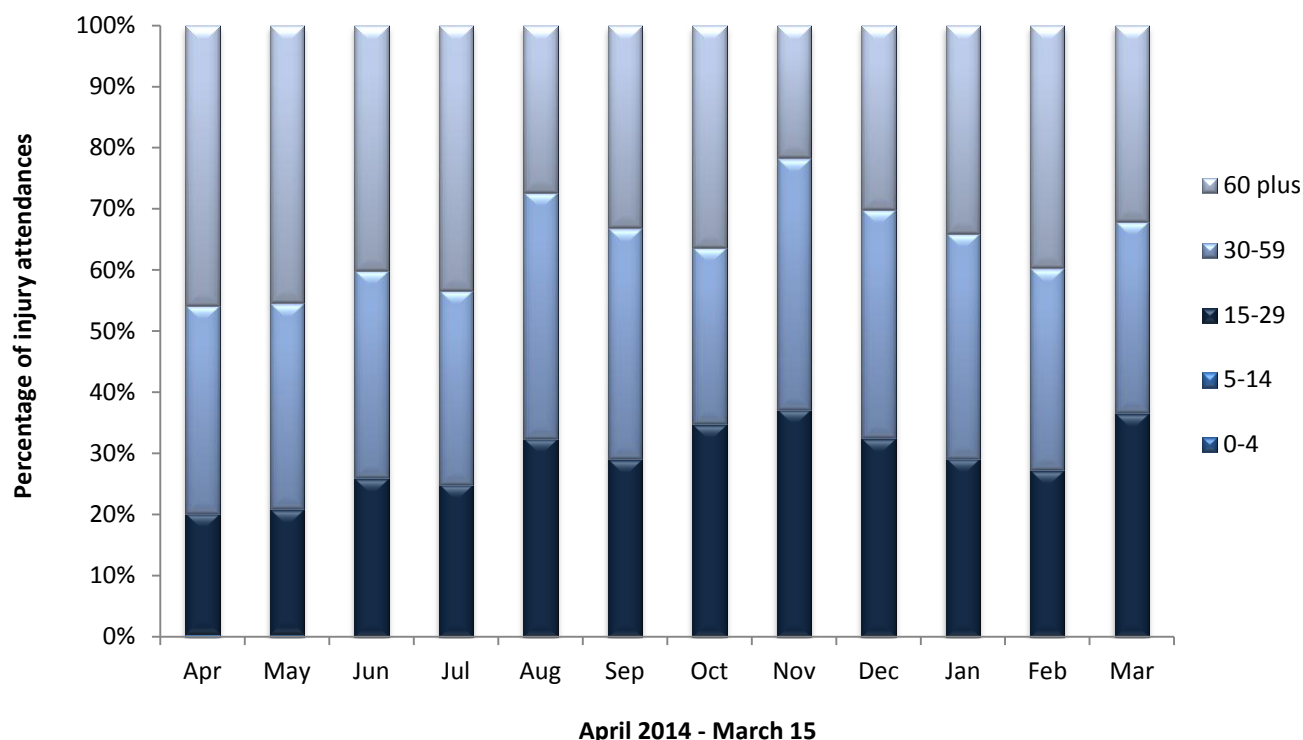
Figure 1: ED attendances by gender and month, April 2014 to March 2015[^]



[^] There were less than five records where the gender was unknown; these have been omitted from the chart.

Over a third (36%) of attendees were aged 60 years or over (n=787), 34% were aged between 30 and 59 years (n=742), while 28% were aged between 15 and 29 years (n=604; figure 2). Just 1% of attendees were under the age of 15 years (n=<5) which is likely to be due to the close proximity of the Paediatric ED located at Ormskirk and District General Hospital.

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



* There were 54 records where the age group was unknown; these have been omitted from the chart.

Table 1 shows the injury group of attendees between April 2014 and March 2015. Just over two-thirds (67%) of attendances were categorised as ‘other’ injury (n=1,469). Road traffic collisions (RTCs) accounted for just over one in ten (11%) attendances (n=242), 8% of injuries were sustained by deliberate self-harm (n=180), 7% were due to sports injuries (n=156) and 6% were due to assaults (n=142).

Table 1: ED attendances by injury group and month, April 2014 to March 2015¹

Injury group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other injury	169	143	146	211	162	158	103	68	81	66	81	81	1469	67
Road traffic collision	20	20	26	19	26	24	29	19	13	15	17	14	242	11
Deliberate self-harm	23	11	12	11	15	20	23	23	<15	<15	8	12	180	8
Sports injury	16	6	20	18	25	13	17	10	<10	***	9	13	156	7
Assault	10	16	23	6	14	9	15	9	9	11	6	14	142	6
Total	238	196	227	265	242	224	187	129	123	103	121	134	2189	100%

The referral source to the ED is displayed in Table 2. The majority (66%) of injury attendees were self-referred (n=1,441) while 19% were referred by the emergency services (n=405).

¹ 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.

Table 2: ED attendances by referral source and month, April 2014 to March 2015^{2,3}

Referral source	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Self-referral	163	128	146	185	160	128	134	90	77	65	72	93	1441	66
Emergency services	36	39	44	35	36	52	38	25	29	23	29	19	405	19
Other	20	<20	19	25	30	27	<10	5	***	7	6	7	174	8
Health care provider: same or other	14	12	13	14	12	12	6	5	10	5	12	10	125	6
Police	***	***	***	***	***	0	0	***	***	***	***	***	23	1
General medical practitioner	***	0	***	***	***	***	***	0	***	0	***	0	12	1
Work	0	0	0	***	0	***	0	***	0	0	0	***	<10	0
Local authority social services	0	0	0	0	0	0	0	0	0	***	0	0	***	0
Total	238	196	227	265	242	224	187	129	123	103	121	134	2189	100

Nearly half (49%) of injuries occurred at home (n=1,055) followed by 30% which were sustained in in a public place (n=646; table 3).

Table 3: ED attendances by incident location and month, April 2014 to March 2015^{2,5}

Incident location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home	135	110	109	148	118	119	81	43	44	48	46	54	1055	49
Public place	71	60	79	71	76	66	51	37	36	21	42	36	646	30
Other	25	<15	24	31	38	27	45	28	29	<25	24	31	338	16
Work	7	11	15	15	10	12	<10	<10	<10	***	***	<10	104	5
Educational establishment	0	***	0	0	0	0	***	***	***	0	***	***	14	1
Total	238	196	227	265	242	224	183	118	119	96	117	132	2157	100

⁵ There were 32 records where the incident location was unknown; these have been omitted from the table.

Table 4 displays the disposal method for ED attendances in 2014/15. Forty-eight per cent of attendees were discharged from hospital with no follow-up treatment required (n=1,052). Just under a quarter (23%) were admitted to hospital (n=493), while 9% were discharged from hospital with follow-up treatment to be provided by a health care provider (n=201).

² 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.

³ Due to low numbers, 'other' includes: Parent/Guardian, EAU – GP Referral and Care Home.

Table 4: ED attendances by disposal method and month, April 2014 to March 2015^{2,4,5}

Disposal method	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged - no follow-up	106	104	123	131	117	119	100	55	43	48	46	60	1052	48
Admitted to hospital	60	42	50	61	39	43	44	31	33	29	29	32	493	23
Discharged - follow-up by other HCP	28	18	14	28	26	14	***	17	13	<15	16	17	201	9
Referred to fracture clinic	27	17	13	12	24	21	5	12	10	5	9	9	164	7
Left department before being treated	***	5	6	8	17	7	9	***	10	5	***	***	79	4
Referred to other health care professional	***	***	***	6	5	***	19	***	***	0	***	***	49	2
Referred to other outpatient clinic	***	0	6	7	7	***	***	***	***	<10	6	***	43	2
Other	0	0	0	0	0	0	***	7	8	***	8	7	35	2
Referred to ED clinic	***	***	6	7	***	6	0	***	0	0	***	***	33	2
Transferred to other HCP	***	***	***	***	***	***	***	0	***	0	0	***	16	1
Left department having refused treatment	***	0	5	0	***	0	***	0	***	0	***	0	15	1
Unknown	0	0	0	***	0	6	0	0	***	0	0	0	9	0
Total	238	196	227	265	242	224	187	129	123	103	121	134	2189	100

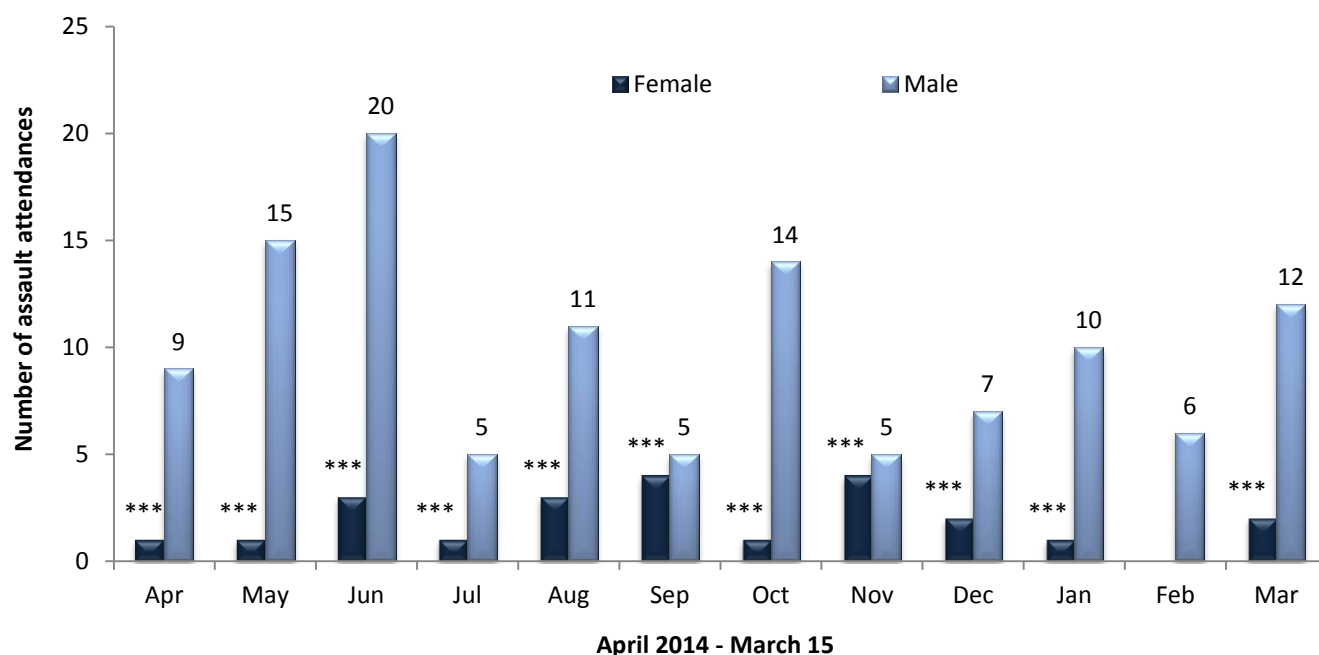
ASSAULT ATTENDANCES

Between April 2014 and March 2015 there were 142 assault attendances for Lancashire residents to Southport and Formby District General Hospital ED. The month with the highest number of attendances was June 2014 (n=23; figure 3).

⁴ HCP = Health care provider.

⁵ Due to low numbers, 'Other' includes: AEC Patient – No FU required, and Patient Already Admitted.

Figure 3: ED assault attendances by gender and month, April 2014 to March 2015⁶



Over four-fifths (84%) of assault attendees were male (n=119; figure 3); 64% were aged between 15 and 29 years (n=91) while 33% were aged between 30 and 59 years (n=47; table 5).

Table 5: ED assault attendances by age group and month, April 2014 to March 2015^{5,6}

Age group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
15-29	***	9	14	***	9	<10	<15	<10	<10	<15	***	9	91	64
30-59	8	7	9	***	5	***	***	***	***	***	***	***	<50	33
60+	***	0	0	0	0	0	0	0	0	0	***	***	***	3
Total	10	16	23	6	14	9	15	9	9	11	6	14	142	100

⁵There were no assault attendances for people aged between 0 and 4 years or between 5 and 14 years.

The assault location is presented in table 6. Just under three in five (58%) assaults occurred in a public place (n=80) while just over one in five (22%) occurred in 'other' locations (n=31). Fifteen per cent of assaults took place in the home (n=21).

Table 6: ED assault attendances by incident location and month, April 2014 to March 2015^{6,^}

Incident location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Public place	5	8	15	***	6	***	<15	<10	***	<10	***	9	80	58
Other	***	***	***	***	***	***	***	***	***	5	***	***	31	22
Home	***	***	***	***	***	***	0	0	***	***	0	***	21	15
Work	0	***	***	0	0	0	0	0	0	0	0	0	***	3
Educational establishment	0	0	0	0	0	0	0	0	***	0	0	0	***	1
Total	10	16	23	6	14	9	14	8	9	11	5	13	138	100

[^]There were less than five records where the incident location was unknown; these have been omitted from the table.

⁶ 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.

Table 7 displays the disposal method of assault attendances in 2014/15. Just under three-fifths (56%) were discharged from hospital with no follow-up treatment required (n=78), while 21% required follow-up treatment (n=29) and 12% were admitted to hospital (n=17).

Table 7: ED assault attendances by disposal method and month, April 2014 to March 2015^{6,*}

Disposal method	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	8	9	14	***	7	***	8	<10	5	6	***	6	78	56
Follow-up	***	5	***	***	***	***	***	0	***	***	***	5	29	21
Admitted	***	***	5	0	0	***	***	***	***	***	***	***	17	12
Other	0	***	***	***	***	***	***	0	***	***	0	***	16	11
Total	10	16	23	6	14	8	15	9	9	11	6	13	140	100

* There were less than five records where the disposal method was unknown; these have been omitted from the table.