


 INJURY SURVEILLANCE IN THE NORTH WEST OF ENGLAND

SOUTHPORT AND FORMBY DISTRICT GENERAL HOSPITAL EMERGENCY DEPARTMENT

MONTHLY BULLETIN: APRIL 2013 TO MARCH 2014

This bulletin provides a breakdown of all injury attendances to Southport and Formby District General Hospital Emergency Department (ED) between April 2013 and March 2014.

In the twelve month period there were 9,533 injury attendances to the ED. Attendances peaked in July 2013 (n=919) compared to February 2014, the month with the fewest (n=672) (**Figure 1**).

There were more females than males attending the ED in 2013/14 (females=4,942; 52%) (**Figure 1**). Under two in five (38%) were aged 60 years or more (n=3,668), followed by 35% aged between 30 and 59 years (n=3,363) and 26% aged between 15 and 29 years (n=2,442) (**Figure 2**). Just 1% of attendees were under the age of 15 years (n=53) which is likely to be due to the close proximity of the Paediatric ED located at Ormskirk and District General Hospital.

Table 1 shows the injury group of attendances between April 2013 and March 2014. Just over seven in ten (71%) attendances were categorised as 'other' injury (n=6,810). Road traffic collisions accounted for just under one in ten (9%) attendances (n=894), followed by 8% of injuries sustained by sport (n=733), 7% due to deliberate self-harm (n=648) and 5% due to assault (n=448).

The referral source to the ED is illustrated in **Table 2**. The majority (72%) of injury attendees were self-referred (n=6,872) while 13% were referred by the emergency services (n=1,223).

Exactly half (50%) of injuries occurred at home (n=4,756) followed by 36% which were sustained in in a public place (n=3,414) (**Table 3**).

Table 4 illustrates the disposal method for ED attendances in 2013/14. Forty-five per cent of attendees were discharged from hospital with no follow-up treatment required (n=4,281). Just under one-fifth (19%) were admitted to hospital (n=1,796) while 14% were discharged from hospital with follow-up treatment to be provided by a health care provider (n=1,315).

ASSAULT ATTENDANCES

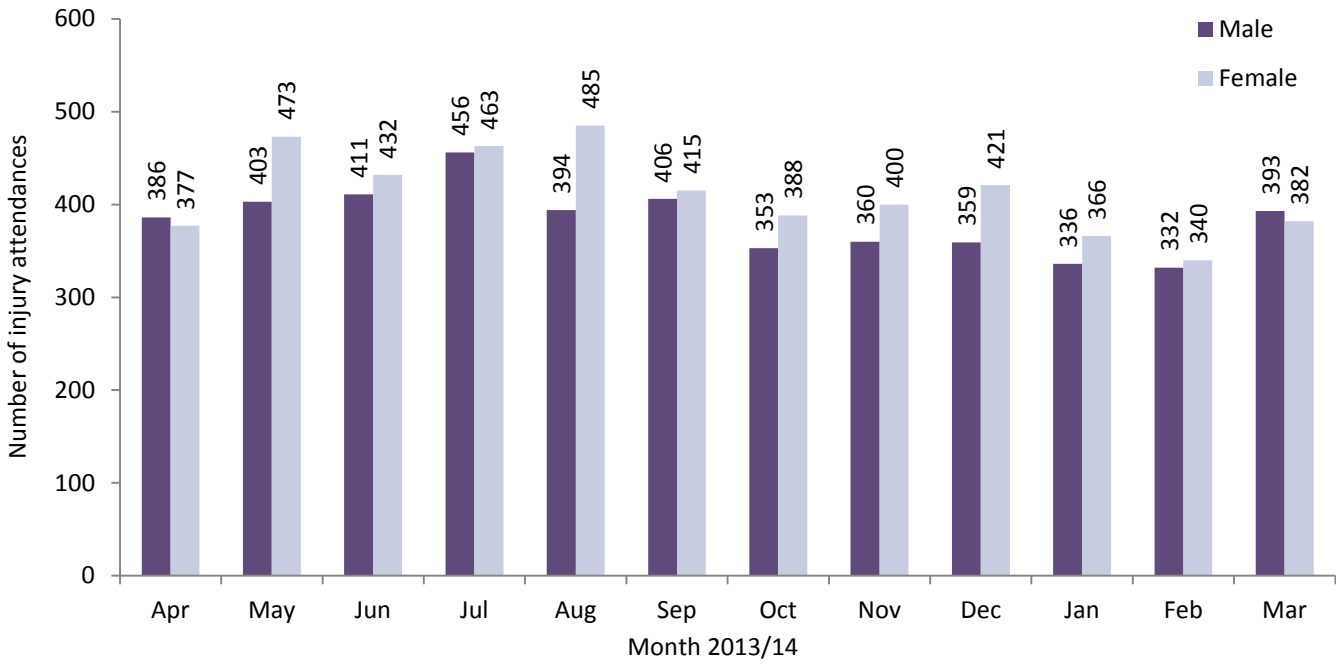
Between April 2013 and March 2014 there were 448 assault attendances to Southport and Formby District General Hospital ED. The month with the highest number of attendances was July 2013 (n=57) (**Figure 3**).

Just under three-quarters (74%) of assault attendees were male (n=330) (**Figure 3**), with 54% aged between 15 and 29 years (n=241) followed by 43% aged between 30 and 59 years (n=192) (**Table 5**).

The assault location is presented in **Table 6**. Over three in five (62%) assaults occurred in a public place (n=277) while just over one in five (21%) occurred in the home (n=94).

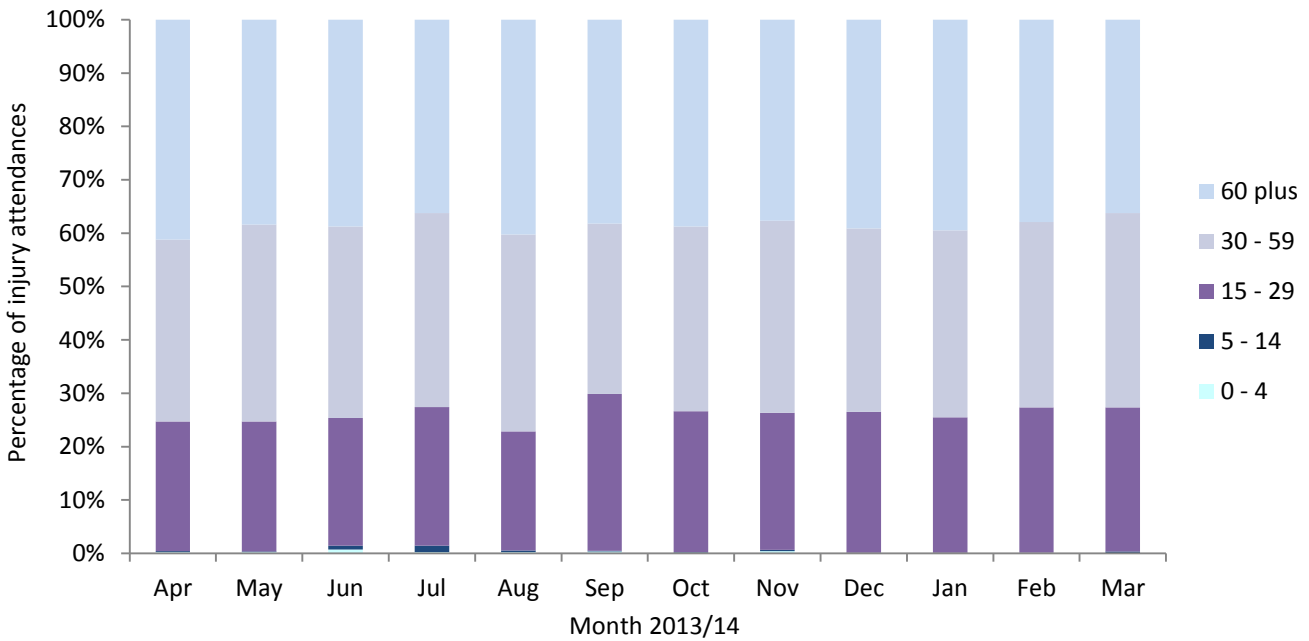
Table 6 illustrates the disposal method of assault attendances in 2013/14. Just under half (48%) were discharged from hospital with no follow-up treatment required (n=213) while 26% required follow-up treatment (n=118) and 10% were admitted to hospital (n=47).

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



[^] There were <5 records where the gender was unknown; these have been omitted from the chart.

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



[†] There were 7 records where the age was unknown; these have been omitted from the chart.

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	549	601	600	697	660	580	519	540	565	500	475	524	6810	71%
Road traffic collision	52	80	67	72	70	81	61	84	88	81	83	75	894	9%
Sports injury	70	75	61	50	60	57	66	52	47	56	53	86	733	8%
Deliberate self-harm	62	80	63	43	50	72	54	52	52	31	40	49	648	7%
Assault	31	40	53	57	39	31	41	32	28	34	21	41	448	5%
Total	764	876	844	919	879	821	741	760	780	702	672	775	9533	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	565	673	593	696	653	588	507	536	529	472	490	570	6872	72%
Emergency services	103	78	121	98	90	108	103	132	117	112	66	95	1223	13%
Other	54	78	87	89	100	86	96	58	90	72	75	68	953	10%
Health care provider: same or other	25	23	23	14	20	17	16	16	17	25	22	20	238	2%
Police	10	11	15	11	<15	<20	11	10	13	14	8	8	143	2%
General medical practitioner	<10	10	***	11	***	***	6	8	9	5	11	<15	87	1%
Work	***	***	0	0	0	0	***	0	5	***	0	***	12	0%
Educational establishment	0	0	***	0	0	0	***	0	0	***	0	0	***	0%
Local authority social services	0	***	0	0	0	0	0	0	0	0	0	0	***	0%
Total	764	876	844	919	879	821	741	760	780	702	672	775	9533	100%

Table 3: ED attendances by incident location and month, April 2013 to March 2014¹

Incident location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home	410	464	411	460	447	404	359	374	395	355	307	370	4756	50%
Public place	268	268	308	315	302	296	288	287	268	263	266	285	3414	36%
Other	56	113	94	100	98	87	69	67	76	57	63	76	956	10%
Work	<30	<35	31	44	32	<35	<25	<35	<40	<30	<35	<45	391	4%
Educational establishment	***	***	0	0	0	***	***	***	***	***	***	***	16	0%
Total	764	876	844	919	879	821	741	760	780	702	672	775	9533	100%

Table 4: ED attendances by disposal method and month, April 2013 to March 2014^{1,2}

Disposal method	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged - no follow-up	320	402	352	442	381	344	335	357	351	316	316	365	4281	45%
Admitted to hospital	141	174	167	151	162	160	142	149	143	143	109	155	1796	19%
Discharged - follow-up by other HCP	112	99	107	112	155	139	95	105	99	100	93	99	1315	14%
Referred to fracture clinic	91	87	97	84	84	67	67	64	87	62	82	64	936	10%
Left department before being treated	26	40	59	49	28	29	42	18	22	21	25	30	389	4%
Referred to other health care professional	22	27	23	26	18	25	23	24	25	13	10	14	250	3%
Referred to ED clinic	13	17	15	16	21	23	10	16	25	18	7	18	199	2%
Referred to other outpatient clinic	11	12	9	9	9	15	11	10	10	13	10	10	129	1%
Transferred to other HCP	18	10	14	17	10	13	6	10	6	7	8	9	128	1%
Left department having refused treatment	7	8	***	13	9	6	10	<10	10	9	12	11	102	1%
Died in department	***	0	***	0	***	0	0	***	***	0	0	0	***	0%
Other	***	0	0	0	***	0	0	0	***	0	0	0	***	0%
Total	764	876	844	919	879	821	741	760	780	702	672	775	9533	100%

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 have been suppressed to prevent back calculations from totals.

² HCP = Health care provider.

ASSAULTS

Figure 3: ED assault attendances by gender and month, April 2013 to March 2014³

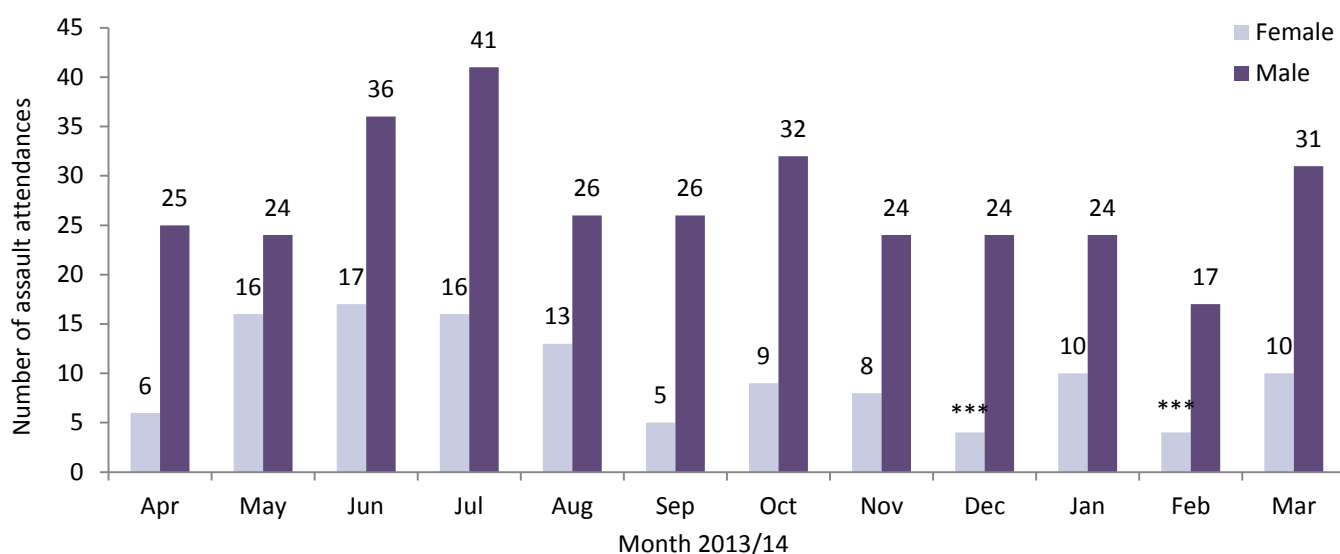


Table 5: ED assault attendances by age group and month, April 2013 to March 2014^{§3}

Age group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
15-29	20	16	32	29	21	23	15	19	15	15	15	21	241	54%
30-59	11	<25	<25	<30	<20	8	21	<15	13	<20	<10	20	192	43%
60+	0	***	***	***	***	0	5	***	0	***	***	0	15	3%
Total	31	40	53	57	39	31	41	32	28	34	21	41	448	100%

§ There were no assault attendances in the 0-4 and 5-14 years categories.

Table 6: ED assault attendances by incident location and month, April 2013 to March 2014³

Incident location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Public place	16	22	32	34	20	23	26	23	17	24	12	28	277	62%
Home	10	<15	10	11	10	***	8	***	5	7	***	9	94	21%
Other	***	***	<10	<10	<10	***	<10	***	***	***	5	***	55	12%
Work	***	0	***	***	***	***	***	***	***	***	***	***	<20	4%
Educational establishment	0	0	0	0	0	***	0	***	***	0	0	0	***	1%
Total	31	40	53	57	39	31	41	32	28	34	21	41	448	100%

Table 7: ED assault attendances by disposal method and month, April 2013 to March 2014³

Disposal method	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged	15	18	24	25	23	12	20	14	14	15	11	22	213	48%
Follow-up	<15	11	17	10	12	10	11	10	7	9	***	5	118	26%
Other	***	5	<15	14	***	***	<10	***	***	<10	5	7	70	16%
Admitted	0	6	***	8	***	<10	***	<10	***	***	***	7	47	10%
Total	31	40	53	57	39	31	41	32	28	34	21	41	448	100%

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