TIIG

TIIG Cumbria
Overview Report

Emergency Department Data Collection and Overview
April 2018 to March 2019

September 2019

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EMERGENCY DEPARTMENT DATA

ALL INJURIES

Within Cumbria there are three Emergency Departments (EDs) covered by two NHS trusts: Cumberland Infirmary in Carlisle, Furness General Hospital in Barrow-in-Furness and West Cumberland Hospital in Whitehaven. Attendances made by Cumbria residents to Royal Lancaster Infirmary in Lancashire are also included in the analysis in this report, as a substantial number of Cumbria residents attend this ED. Assaults, falls, deliberate self-harm (DSH), firework injuries, other injuries, road traffic collisions (RTCs) and sports injuries are categorised by all EDs.

Data collected by TIIG show there were a total of 38,037 ED injury attendances between April 2018 and March 2019 made by residents of Cumbria; attendances by non-Cumbria residents have been excluded from this report. Table 1 presents injury attendances by ED. Just over half (52%) of patients presented at Cumberland Infirmary in Carlisle, followed by 27% to West Cumberland Hospital in Whitehaven.

Table 1. Number of injury attendances by ED and month, April 2018 to March 2019[1]

ED	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Cumberland Infirmary	1587	1775	1748	1859	1565	1561	1710	1538	1504	1548	1556	1687	**19638**
Furness General Hospital	719	806	694	689	701	627	671	551	469	446	429	595	**7397**
Royal Lancaster Infirmary	51	46	48	48	36	58	54	43	40	41	49	60	**574**
West Cumberland Hospital	979	1025	1154	1051	857	851	744	687	737	761	735	847	**10428**
Total	**3336**	**3652**	**3644**	**3647**	**3159**	**3097**	**3179**	**2819**	**2750**	**2796**	**2769**	**3189**	**38037**

Close to half of injuries were classified as 'other' (49%). Falls accounted for 30% of attendances, followed by sports injuries (8%), DSH (5%) and RTCs (5%). Assaults made up 3% of all attendances (Table 2).

Table 2. Number of injury attendances by ED and injury group, April 2018 to March 2019

Patient group	Cumberland Infirmary	Furness General Hospital	Royal Lancaster Infirmary	West Cumberland Hospital	Total
Assault	499	304	43	291	**1137**
Deliberate self-harm	988	626	45	347	**2006**
Falls	7190	<120	<30	4013	**11344**
Firework injury	0	<20	***	0	**22**
Other injury	9109	4947	235	4392	**18683**
Road traffic collision	675	479	88	532	**1774**
Sports injury	1177	910	131	853	**3071**
Total	**19638**	**7397**	**574**	**10428**	**38037**

Table 3 presents injury data by Integrated Care Communities (ICC). Over a quarter of attendees resided in Carlisle Urban (26%), followed by Copeland (17%), Alfred Barrow (11%) and Keswick and Solway (9%). When looking at population rates, the highest number of injuries was seen by residents of Carlisle Urban (124.0 per 1,000), Carlisle Rural (111.4 per 1,000), Copeland (108.5 per 1,000) and Barrow Town (106.0 per 1,000).

[1] Falls have been calculated by looking at presenting complaint / diagnosis fields which specify falls and where patient group is recorded as 'other injury'.

Table 3. Number and rate of injury attendances by ICC, April 2018 to March 2019

ICC	N	Population	Rate per 1,000
Carlisle Urban ICC	9969	80373	124.0
Copeland ICC	6532	60225	108.5
Alfred Barrow ICC	4281	50703	84.4
Keswick & Solway ICC	3254	36746	88.6
Carlisle Rural ICC	2724	24455	111.4
Eden ICC	2696	52639	51.2
Workington ICC	2551	32413	78.7
Cockermouth & Maryport ICC	2309	31378	73.6
Dalton & Ulverston ICC	1751	29660	59.0
Millom & Duddon Valley ICC	556	11069	50.2
Barrow Town ICC	538	5074	106.0
Central Lakes & Grange ICC	428	28307	15.1
Kendal ICC	277	36741	7.5
East Lakes ICC	171	18111	9.4
Total	**38037**	**497895**	**76.4**

FALLS

Between April 2018 and March 2019, there were 11,344 fall attendances. Over six in ten (63%) attended Cumberland Infirmary, with 35% who attended West Cumberland Hospital. Around 1% attended Royal Lancaster Infirmary and Furness General Hospital (Table 4).

Table 4. Number of fall attendances by ED and month, April 2018 to March 2019

ED	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Cumberland Infirmary	581	743	672	750	599	608	590	490	525	571	492	569	**7190**
Furness General Hospital	21	<10	<15	<10	9	<15	<15	5	<15	<10	***	<10	**112**
Royal Lancaster Infirmary	6	***	***	***	0	***	***	0	***	***	***	***	**29**
West Cumberland Hospital	345	412	495	363	324	315	287	233	336	313	253	337	**4013**
Total	**953**	**1168**	**1183**	**1122**	**932**	**938**	**889**	**728**	**873**	**891**	**751**	**916**	**11344**

Women made up 56% of fall attendances and those aged 75 years and older made up 27% (Table 5). Women aged 65 years and older comprised 24% of all fall attendances.

Table 5. Number of fall attendances by age and gender, April 2018 to March 2019

Age	Female	Male	Total
0-4	318	413	**731**
5-9	371	414	**785**
10-14	373	454	**827**
15-19	238	256	**494**
20-24	235	249	**484**
25-29	228	258	**486**
30-34	218	166	**384**
35-39	171	194	**365**
40-44	204	148	**352**
45-49	247	210	**457**
50-54	329	215	**544**
55-59	392	240	**632**
60-64	325	215	**540**
65-69	329	223	**552**
70-74	384	279	**663**
75+	2008	1040	**3048**
Total	**6370**	**4974**	**11344**

Table 6 presents falls data by Integrated Care Communities (ICC). Approximately a third of attendees resided in Carlisle Urban (34%), followed by Copeland (21%), Keswick and Solway (10%) and Carlisle Rural (10%). When looking at population rates, the highest number of fall injuries was seen by residents of Carlisle Urban (47.7 per 1,000), Carlisle Rural (44.2 per 1,000) and Copeland (39.1 per 1,000).

Table 6. Number and rate of fall attendances by ICC, April 2018 to March 2019

ICC	N	Population	Rate per 1,000
Carlisle Urban ICC	3833	80373	47.7
Copeland ICC	2356	60225	39.1
Keswick & Solway ICC	1163	36746	31.6
Carlisle Rural ICC	1081	24455	44.2
Eden ICC	913	52639	17.3
Workington ICC	911	32413	28.1
Cockermouth & Maryport ICC	903	31378	28.8
Alfred Barrow ICC	59	50703	1.2
Dalton & Ulverston ICC	34	29660	1.1
Kendal ICC	26	36741	0.7
Millom & Duddon Valley ICC	25	11069	2.3
Central Lakes & Grange ICC	23	28307	0.8
Barrow Town ICC	11	5074	2.2
East Lakes ICC	6	18111	0.3
Total	**11344**	**497895**	**22.8**

SPORTS INJURIES

Between April 2018 and March 2019, there were 3,071 sports injury attendances. Just under four in ten (38%) attended Cumberland Infirmary, 30% attended Furness General Hospital and 28% attended West Cumberland Hospital. Four percent attended Royal Lancaster Infirmary (Table 7).

Table 7. Number of sports injury attendances by ED and month, April 2018 to March 2019

ED	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Cumberland Infirmary	94	96	80	91	60	108	133	110	78	103	95	129	**1177**
Furness General Hospital	88	122	89	69	77	109	88	57	27	38	56	90	**910**
Royal Lancaster Infirmary	12	5	9	10	11	12	21	11	10	7	9	14	**131**
West Cumberland Hospital	93	92	120	58	48	78	66	58	32	45	62	101	**853**
Total	**287**	**315**	**298**	**228**	**196**	**307**	**308**	**236**	**147**	**193**	**222**	**334**	**3071**

Men comprised 81% of sports injury attendances and those aged between 10 and 14 years of age made up 26% (Table 8). Men aged between 10 and 24 years comprised half (50%) of all sports injury attendances.

Table 8. Number of sports injury attendances by age and gender, April 2018 to March 2019

Age	Female	Male	Total
0-4	***	***	***
5-9	36	84	**120**
10-14	235	552	**787**
15-19	109	566	**675**
20-24	58	417	**475**
25-29	40	362	**402**
30-34	31	201	**232**
35-39	21	99	**120**
40-44	27	71	**98**
45-49	10	46	**56**
50-54	8	38	**46**
55-59	7	18	**25**
60-64	***	<10	**11**
65-69	***	<10	**10**
70-74	***	<10	**7**
75+	***	<5	***
Total	**592**	**2479**	**3071**

Approximately one in five (19%) attendees resided in Carlisle Urban, 16% in both Copeland and Alfred Barrow and 7% in Dalton and Ulverston, Keswick and Solway and Carlisle Rural (Table 9). When looking at population rates, the highest number of sports injuries was seen by residents of Barrow Town (14.6 per 1,000), Alfred Barrow (9.9 per 1,000) and Copeland (8.4 per 1,000).

Table 9. Number and rate of sports injury attendances by ICC, April 2018 to March 2019

ICC	N	Population	Rate per 1,000
Carlisle Urban ICC	596	80373	7.4
Copeland ICC	505	60225	8.4
Alfred Barrow ICC	500	50703	9.9
Dalton & Ulverston ICC	228	29660	7.7
Keswick & Solway ICC	226	36746	6.2
Carlisle Rural ICC	200	24455	8.2
Workington ICC	188	32413	5.8
Cockermouth & Maryport ICC	175	31378	5.6
Eden ICC	142	52639	2.7
Millom & Duddon Valley ICC	91	11069	8.2
Barrow Town ICC	74	5074	14.6
East Lakes ICC	54	18111	3.0
Kendal ICC	50	36741	1.4
Central Lakes & Grange ICC	42	28307	1.5
Total	**3071**	**497895**	**6.2**

DELIBERATE SELF HARM

Between April 2018 and March 2019, there were 2,006 DSH attendances. Approximately half (49%) attended Cumberland Infirmary, with 31% who attended Furness General Hospital and 17% who presented at West Cumberland Hospital. Two percent attended Royal Lancaster Infirmary (Table 10).

Table 10. Number of DSH attendances by ED and month, April 2018 to March 2019

ED	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Cumberland Infirmary	71	59	90	100	85	104	71	68	66	89	93	92	**988**
Furness General Hospital	39	37	57	63	67	55	56	60	41	57	32	62	**626**
Royal Lancaster Infirmary	6	6	***	***	***	***	5	5	***	***	***	***	**45**
West Cumberland Hospital	23	27	<35	<40	<35	<35	32	19	<25	<35	<25	<45	**347**
Total	**139**	**129**	**179**	**201**	**188**	**195**	**164**	**152**	**133**	**180**	**150**	**196**	**2006**

Women made up 59% of DSH attendances and those aged between 15 to 19 years made up 18% (Table 11). Women aged between 15 and 24 years comprised 24% of all DSH attendances.

Table 11. Number of DSH attendances by age and gender, April 2018 to March 2019[2]

Age	Female	Male	Total
0-4	0	0	**0**
5-9	0	0	**0**
10-14	47	13	**60**
15-19	255	101	**358**
20-24	218	111	**329**
25-29	131	100	**231**
30-34	132	100	**232**
35-39	85	107	**192**
40-44	75	75	**150**
45-49	80	65	**145**
50-54	82	49	**131**
55-59	36	55	**91**
60-64	15	24	**39**
65-69	***	<10	**11**
70-74	7	12	**19**
75+	<15	<10	**18**
Total	**1179**	**825**	**2006**

Approximately one third (33%) of attendees resided in Carlisle Urban, 22% in Alfred Barrow and 9% in Copeland (Table 12). When looking at population rates, the highest number of DSH injuries was seen by residents of Alfred Barrow (8.8 per 1,000), Carlisle Urban (8.2 per 1,000) and Barrow Town (5.5 per 1,000).

Table 12. Number and rate of DSH attendances by ICC, April 2018 to March 2019

ICC	N	Population	Rate per 1,000
Carlisle Urban ICC	660	80373	8.2
Alfred Barrow ICC	447	50703	8.8
Copeland ICC	187	60225	3.1
Eden ICC	111	52639	2.1
Dalton & Ulverston ICC	105	29660	3.5
Workington ICC	103	32413	3.2
Keswick & Solway ICC	102	36746	2.8
Carlisle Rural ICC	93	24455	3.8
Cockermouth & Maryport ICC	71	31378	2.3
Millom & Duddon Valley ICC	36	11069	3.3
Barrow Town ICC	28	5074	5.5
Kendal ICC	27	36741	0.7
Central Lakes & Grange ICC	27	28307	1.0
East Lakes ICC	9	18111	0.5
Total	**2006**	**497895**	**4.0**

[2] There were two attendances with an unknown sex which are included in overall totals.

ASSAULTS

Between April 2018 and March 2019, there were 1,137 assault attendances. Over four in ten (44%) attended Cumberland Infirmary, 27% attended Furness General Hospital and 26% presented at West Cumberland Hospital. Four percent attended Royal Lancaster Infirmary (Table 13).

Table 13. Number of assault attendances by ED and month, April 2018 to March 2019

ED	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Cumberland Infirmary	39	50	39	49	34	47	41	47	46	33	30	44	499
Furness General Hospital	28	28	26	40	18	24	24	24	27	23	24	18	304
Royal Lancaster Infirmary	***	***	***	***	5	0	5	***	***	6	***	5	43
West Cumberland Hospital	<25	<30	<35	<35	31	22	19	<25	<25	19	<15	30	291
Total	89	111	99	124	88	93	89	96	99	81	71	97	1137

Men made up 71% of assault attendances and those aged between 20 to 24 years made up 18% (Table 14). Men aged between 20 and 34 years comprised 33% of all assault attendances.

Table 14. Number of assault attendances by age and gender, April 2018 to March 2019

Age	Female	Male	Total
0-4	***	***	***
5-9	***	***	5
10-14	14	38	52
15-19	40	97	137
20-24	58	148	206
25-29	54	122	176
30-34	39	107	146
35-39	37	85	122
40-44	28	51	79
45-49	28	57	85
50-54	20	35	55
55-59	5	24	29
60-64	***	<15	17
65-69	***	<10	7
70-74	***	***	<10
75+	***	<15	13
Total	**335**	**802**	**1137**

Approximately three in ten attendees resided in Carlisle Urban (29%), 19% in Alfred Barrow and 15% in Copeland (Table 15). When looking at population rates, the highest number of assault injuries was seen by residents of Alfred Barrow (4.4 per 1,000), Carlisle Urban (4.2 per 1,000) and Barrow Town (3.0 per 1,000).

Table 15. Number and rate of assault attendances by ICC, April 2018 to March 2019

ICC	N	Population	Rate per 1,000
Carlisle Urban ICC	334	80373	4.2
Alfred Barrow ICC	221	50703	4.4
Copeland ICC	167	60225	2.8
Workington ICC	94	32413	2.9
Keswick & Solway ICC	58	36746	1.6
Dalton & Ulverston ICC	51	29660	1.7
Carlisle Rural ICC	46	24455	1.9
Cockermouth & Maryport ICC	46	31378	1.5
Eden ICC	46	52639	0.9
Kendal ICC	21	36741	0.6
Central Lakes & Grange ICC	19	28307	0.7
Barrow Town ICC	15	5074	3.0
Millom & Duddon Valley ICC	12	11069	1.1
East Lakes ICC	7	18111	0.4
Total	**1137**	**497895**	**2.3**

ROAD TRAFFIC COLLISIONS

Between April 2018 and March 2019, there were 1,174 RTC attendances. Close to four in ten (38%) attended Cumberland Infirmary, with 30% who attended West Cumberland Hospital and 27% who presented at Furness General Hospital. Five percent attended Royal Lancaster Infirmary (Table 16).

Table 16. Number of RTC attendances by ED and month, April 2018 to March 2019

ED	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Cumberland Infirmary	44	61	55	69	66	59	63	53	68	39	42	56	675
Furness General Hospital	38	<35	<35	37	55	51	48	48	35	27	36	39	479
Royal Lancaster Infirmary	12	***	<15	9	***	12	8	8	5	***	5	9	88
West Cumberland Hospital	44	49	56	70	<50	30	49	63	51	<20	26	30	532
Total	138	147	153	185	171	152	168	172	159	86	109	134	1774

Men made up 54% of RTC attendances (Table 17). Those aged between 15 to 19 years and 20 to 24 years both made up 13% of attendances each. Men aged between 15 and 34 years comprised 26% of all RTC attendances.

Table 17. Number of RTC attendances by age and gender, April 2018 to March 2019

Age	Female	Male	Total
0-4	37	25	62
5-9	23	21	44
10-14	20	27	47
15-19	108	125	233
20-24	120	110	230
25-29	82	106	188
30-34	67	115	182
35-39	52	75	127
40-44	43	45	88
45-49	46	59	105
50-54	53	60	113
55-59	40	56	96
60-64	34	42	76
65-69	22	26	48
70-74	18	23	41
75+	50	44	94
Total	**815**	**959**	**1774**

Approximately two in ten attendees resided in Copeland (21%), 18% in Carlisle Urban and 13% in Alfred Barrow (Table 18). When looking at population rates, the highest number of RTC injuries was seen by residents of Barrow Town (7.1 per 1,000), Copeland (6.2 per 1,000) and Alfred Barrow (4.7 per 1,000).

Table 18. Number and rate of RTC attendances by ICC, April 2018 to March 2019

ICC	N	Population	Rate per 1,000
Copeland ICC	373	60225	6.2
Carlisle Urban ICC	315	80373	3.9
Alfred Barrow ICC	236	50703	4.7
Dalton & Ulverston ICC	135	29660	4.6
Workington ICC	123	32413	3.8
Keswick & Solway ICC	114	36746	3.1
Carlisle Rural ICC	107	24455	4.4
Cockermouth & Maryport ICC	94	31378	3.0
Eden ICC	90	52639	1.7
Central Lakes & Grange ICC	59	28307	2.1
Millom & Duddon Valley ICC	40	11069	3.6
Barrow Town ICC	36	5074	7.1
Kendal ICC	28	36741	0.8
East Lakes ICC	24	18111	1.3
Total	**1774**	**497895**	**3.6**

AMBULANCE DATA

ALL INJURIES

Ambulance data collected by the North West Ambulance Service (NWAS) are based on the location the ambulance was called out to rather than the patient's address and it may not necessarily be the location where the incident took place. Also a number of records may relate to non-Cumbria residents. Between April 2018 and March 2019, there were 17,279 injury-related ambulance callouts across Cumbria (Table 19). For those with a gender recorded (n=16,723), women comprised 51% of callouts, compared to 49% who were men (Table 19). For those with an age recorded (n=16,266), the largest number of callouts were for those aged 75 years and over (35%) followed by those aged between 70 and 74 years (6%) and those aged between 25 and 29 years (6%).

Table 19. Number of NWAS injury callouts by age and gender, April 2018 to March 2019

Age	Female	Male	Unknown	Total
0-4	150	150	5	305
5-9	<60	78	***	140
10-14	<150	167	***	313
15-19	<380	342	***	720
20-24	<380	473	***	853
25-29	<400	554	***	952
30-34	<395	494	***	890
35-39	324	445	0	769
40-44	<355	409	***	766
45-49	343	403	0	746
50-54	<395	470	***	861
55-59	<320	423	***	743
60-64	<345	400	***	743
65-69	332	386	0	718
70-74	<530	473	***	1006
75+	3521	2205	15	5741
Unknown	182	320	511	1013
Total	**8531**	**8192**	**556**	**17279**

Just under one in five (19%) callouts were made to Carlisle Urban, 13% were made to Alfred Barrow and 11% to Copeland (Table 20). When looking at population rates, the highest number of injury callouts was seen in Alfred Barrow (44.5 per 1,000), Central Lakes and Grange (43.6 per 1,000) and Carlisle Urban (40.7 per 1,000).

Table 20. Number and rate of NWAS injury callouts by ICC of callout, April 2018 to March 2019

ICC	N	Population	Rate per 1,000
Carlisle Urban ICC	3271	80373	40.7
Alfred Barrow ICC	2255	50703	44.5
Copeland ICC	1862	60225	30.9
Eden ICC	1545	52639	29.4
Workington ICC	1311	32413	40.4
Kendal ICC	1301	36741	35.4
Central Lakes & Grange ICC	1234	28307	43.6
Keswick & Solway ICC	1048	36746	28.5
Cockermouth & Maryport ICC	953	31378	30.4
Dalton & Ulverston ICC	863	29660	29.1
Carlisle Rural ICC	611	24455	25.0
East Lakes ICC	494	18111	27.3
Millom & Duddon Valley ICC	325	11069	29.4
Barrow Town ICC	206	5074	40.6
Total	**17279**	**497895**	**34.7**

Almost half of injuries (47%) were for fall related injuries with 12% for overdose/poisoning, 9% for psychiatric/suicide attempt, 7% for traffic/transportation accidents, 5% for assault/sexual assault and <1% for stab/gunshot/penetrating trauma (Table 21).

Table 21. Number of NWAS injury callouts by type of injury, April 2018 to March 2019

Injury group	N
Falls	8100
Overdose/Poisoning (Ingestion)	2003
Haemorrhage/Lacerations	1537
Psychiatric/Suicide Attempt	1524
Traumatic Injuries (Specific)	1340
Traffic/Transportation Accidents	1290
Assault/Sexual Assault	816
Allergies/Envenomation-sting/bite	255
Burns(Scolds)/Explosion	142
Choking	140
Stab/Gunshot/Penetrating Trauma	75
Animal Bites/Attacks	29
Eye Problems/Injuries	21
Electrocution/Lightning	7
Total	**17279**

FALLS

Between April 2018 and March 2019, there were 8,100 ambulance callouts across Cumbria for falls (Table 22). For those with a gender recorded (n=8,056), women comprised 56% of callouts. For those with an age recorded (n=7,995), the largest number of callouts were for those aged 75 years and over (58%), followed by those aged between 70 and 74 years (9%).

Table 22. Number of NWAS fall callouts by age and gender, April 2018 to March 2019

Age	Female	Male	Unknown	Total
0-4	50	60	0	110
5-9	27	30	0	57
10-14	44	40	0	84
15-19	<40	44	***	80
20-24	49	50	0	99
25-29	54	81	0	135
30-34	58	72	0	130
35-39	58	72	0	130
40-44	<80	76	***	154
45-49	91	123	0	214
50-54	145	161	0	306
55-59	<155	169	***	324
60-64	184	223	0	407
65-69	236	220	0	456
70-74	<380	327	***	704
75+	2865	1727	13	4605
Unknown	38	42	25	105
Total	**4539**	**3517**	**44**	**8100**

Under one in five (17%) callouts were made to Carlisle Urban, 12% were made to Alfred Barrow and 10% to both Copeland and Eden (Table 23). When looking at population rates, the highest number of fall callouts was seen in Central Lakes and Grange (23.3 per 1,000), Barrow Town (22.9 per 1,000) and Alfred Barrow (19.1 per 1,000).

Table 23. Number and rate of NWAS fall callouts by ICC of callout, April 2018 to March 2019

ICC	N	Population	Rate per 1,000
Carlisle Urban ICC	1376	80373	17.1
Alfred Barrow ICC	969	50703	19.1
Copeland ICC	832	60225	13.8
Eden ICC	771	52639	14.6
Kendal ICC	678	36741	18.5
Central Lakes & Grange ICC	659	28307	23.3
Workington ICC	547	32413	16.9
Cockermouth & Maryport ICC	490	31378	15.6
Keswick & Solway ICC	488	36746	13.3
Dalton & Ulverston ICC	473	29660	15.9
East Lakes ICC	279	18111	15.4
Carlisle Rural ICC	262	24455	10.7
Millom & Duddon Valley ICC	160	11069	14.5
Barrow Town ICC	116	5074	22.9
Total	**8100**	**497895**	**16.3**

DSH

Between April 2018 and March 2019, there were 2,003 ambulance callouts across Cumbria for overdose and poisoning[3] (Table 24). For those with a gender recorded (n=1,989), 51% were women. For those with an age recorded (n=1,949), 14% were aged between 30 and 34 years.

Table 24. Number of NWAS overdose and poisoning callouts by age and gender, April 2018 to March 2019

Age	Female	Male	Unknown	Total
0-4	10	8	0	18
5-9	***	0	0	***
10-14	27	11	0	38
15-19	138	87	0	225
20-24	130	<105	***	233
25-29	118	<125	***	242
30-34	130	140	0	270
35-39	92	134	0	226
40-44	90	98	0	188
45-49	102	63	0	165
50-54	75	61	0	136
55-59	28	47	0	75
60-64	23	26	0	49
65-69	7	26	0	33
70-74	<10	6	0	<15
75+	21	15	0	36
Unknown	19	25	10	54
Total	**1019**	**970**	**14**	**2003**

Between April 2018 and March 2019, there were 1,524 ambulance callouts across Cumbria for psychiatric/suicide attempt (Table 25). For those with a gender recorded (n=1,519), 52% were women. For those with an age recorded (n=1,471), 13% were aged between 40 and 44 years, 12% between 25 and 29 years and 11% between 30 and 34 years.

Table 25. Number of NWAS psychiatric/suicide attempt callouts by age and gender, April 2018 to March 2019

Age	Female	Male	Unknown	Total
0-4	0	0	0	0
5-9	0	***	0	***
10-14	19	<15	***	32
15-19	81	37	0	118
20-24	52	71	0	123
25-29	78	102	0	180
30-34	80	<85	***	162
35-39	65	69	0	134
40-44	116	81	0	197
45-49	48	52	0	100
50-54	61	61	0	122
55-59	55	46	0	101
60-64	44	31	0	75
65-69	8	11	0	19
70-74	18	12	0	30
75+	48	28	0	76
Unknown	20	30	***	<55
Total	**793**	**726**	**5**	**1524**

[3] Overdose and poisoning will include both intentional and unintentional

Just over a quarter (27%) of overdose and poisoning callouts were made to Carlisle Urban, 19% were made to Alfred Barrow and 11% to Copeland (Table 26). When looking at population rates, the highest number of overdose and poisoning callouts was seen in Alfred Barrow (7.5 per 1,000), Carlisle Urban (6.6 per 1,000) and Workington (6.0 per 1,000).

Table 26. Number and rate of NWAS overdose/poisoning callouts by ICC of callout, April 2018 to March 2019

ICC	N	Population	Rate per 1,000
Carlisle Urban ICC	532	80373	6.6
Alfred Barrow ICC	379	50703	7.5
Copeland ICC	224	60225	3.7
Workington ICC	194	32413	6.0
Kendal ICC	129	36741	3.5
Cockermouth & Maryport ICC	106	31378	3.4
Eden ICC	100	52639	1.9
Dalton & Ulverston ICC	79	29660	2.7
Keswick & Solway ICC	71	36746	1.9
Carlisle Rural ICC	67	24455	2.7
Central Lakes & Grange ICC	47	28307	1.7
Millom & Duddon Valley ICC	27	11069	2.4
East Lakes ICC	25	18111	1.4
Barrow Town ICC	23	5074	4.5
Total	**2003**	**497895**	**4.0**

A quarter (25%) of psychiatric/suicide callouts were made to Carlisle Urban, 15% to Alfred Barrow and 13% to Copeland (Table 27). When looking at population rates, the highest number of psychiatric/suicide callouts was seen in Carlisle Urban (4.8 per 1,000), Alfred Barrow (4.5 per 1,000) and Workington (4.1 per 1,000).

Table 27. Number of NWAS psychiatric/suicide callouts by ICC of callout, April 2018 to March 2019

ICC	N	Population	Rate per 1,000
Carlisle Urban ICC	385	80373	4.8
Alfred Barrow ICC	230	50703	4.5
Copeland ICC	194	60225	3.2
Workington ICC	132	32413	4.1
Kendal ICC	105	36741	2.9
Keswick & Solway ICC	90	36746	2.4
Eden ICC	87	52639	1.7
Cockermouth & Maryport ICC	82	31378	2.6
Central Lakes & Grange ICC	75	28307	2.6
Dalton & Ulverston ICC	45	29660	1.5
Carlisle Rural ICC	44	24455	1.8
Millom & Duddon Valley ICC	19	11069	1.7
Barrow Town ICC	18	5074	3.5
East Lakes ICC	18	18111	1.0
Total	1524	497895	3.1

ASSAULTS

Between April 2018 and March 2019, there were 891 assault related (816: assault/sexual assault, 75: stab/gunshot/penetrating trauma) ambulance callouts across Cumbria (Table 28). For those with a gender recorded (n=860), 68% were men. For those with an age recorded (n=746), 15% were aged between 20 and 24 years and 14% between 25 and 29 years.

Table 28. Number of NWAS assault callouts by age and gender, April 2018 to March 2019

Age	Female	Male	Unknown	Total
0-4	***	***	***	***
5-9	0	***	0	***
10-14	***	<10	0	11
15-19	25	43	0	68
20-24	34	79	0	113
25-29	34	72	0	106
30-34	37	57	0	94
35-39	30	42	0	72
40-44	22	45	0	67
45-49	24	52	0	76
50-54	12	38	0	50
55-59	5	26	0	31
60-64	***	<15	0	17
65-69	***	<10	0	10
70-74	***	***	0	7
75+	7	10	0	17
Unknown	<35	81	<35	145
Total	**276**	**584**	**31**	**891**

A quarter (25%) of assault callouts were made to Carlisle Urban, 19% to Alfred Barrow, 14% to Copeland and 12% to Workington (Table 29). When looking at population rates, the highest number of assault callouts was seen in Alfred Barrow (3.4 per 1,000), Workington (3.3 per 1,000) and Carlisle Urban (2.8 per 1,000).

Table 29. Number and rate of NWAS assault callouts by ICC of callout, April 2018 to March 2019

ICC	N	Population	Rate per 1,000
Carlisle Urban ICC	227	80373	2.8
Alfred Barrow ICC	172	50703	3.4
Copeland ICC	126	60225	2.1
Workington ICC	106	32413	3.3
Kendal ICC	41	36741	1.1
Eden ICC	41	52639	0.8
Cockermouth & Maryport ICC	39	31378	1.2
Keswick & Solway ICC	35	36746	1.0
Dalton & Ulverston ICC	33	29660	1.1
Central Lakes & Grange ICC	29	28307	1.0
Carlisle Rural ICC	17	24455	0.7
Barrow Town ICC	11	5074	2.2
Millom & Duddon Valley ICC	9	11069	0.8
East Lakes ICC	5	18111	0.3
Total	891	497895	1.8

RTCS

Between April 2018 and March 2019, there were 1,290 traffic/transportation ambulance callouts across Cumbria (Table 30). For those with a gender recorded (n=905), 61% were men. For those with an age recorded (n=755), 10% were aged between 20 and 24 years and 10% between 25 and 29 years.

Table 30. Number of NWAS traffic/transportation callouts by age and gender, April 2018 to March 2019

Age	Female	Male	Unknown	Total
0-4	11	<10	***	20
5-9	<10	11	***	20
10-14	<10	13	***	23
15-19	22	35	0	57
20-24	33	45	0	78
25-29	<30	45	***	73
30-34	<20	40	***	58
35-39	18	36	0	54
40-44	<10	26	***	34
45-49	15	40	0	55
50-54	<25	38	***	61
55-59	14	29	0	43
60-64	20	19	0	39
65-69	12	23	0	35
70-74	22	24	0	46
75+	38	<25	***	59
Unknown	57	105	373	535
Total	349	556	385	1290

Less than one in five (16%) traffic/transportation callouts were made to Eden, 10% to Copeland and 10% to Carlisle Urban (Table 31). When looking at population rates, the highest number of traffic/transportation callouts was seen in East Lakes (3.9 per 1,000), Eden (3.9 per 1,000) and Central Lakes and Grange (3.7 per 1,000).

Table 31. Number and rate of NWAS traffic/transportation callouts by ICC of callout, April 2018 to March 2019

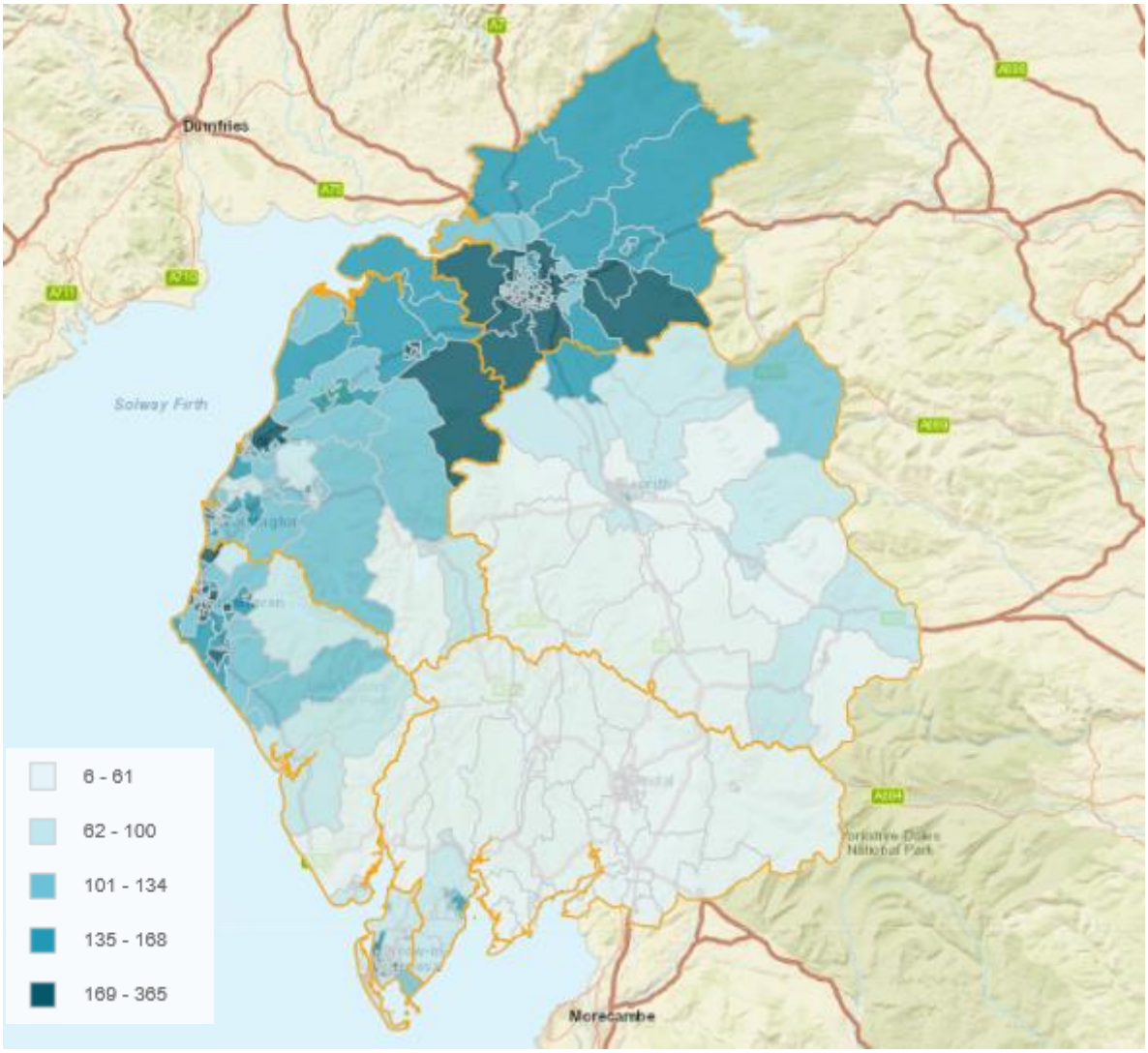
ICC	N	Population	Rate per 1,000
Eden ICC	203	52639	3.9
Copeland ICC	128	60225	2.1
Carlisle Urban ICC	127	80373	1.6
Keswick & Solway ICC	110	36746	3.0
Alfred Barrow ICC	109	50703	2.1
Central Lakes & Grange ICC	104	28307	3.7
Kendal ICC	95	36741	2.6
Carlisle Rural ICC	85	24455	3.5
Workington ICC	82	32413	2.5
East Lakes ICC	70	18111	3.9
Dalton & Ulverston ICC	70	29660	2.4
Cockermouth & Maryport ICC	63	31378	2.0
Millom & Duddon Valley ICC	32	11069	2.9
Barrow Town ICC	12	5074	2.4
Total	1290	497895	2.6

AREA OF RESIDENCY / LOCATION OF CALLOUT

EMERGENCY DEPARTMENT DATA

Figure 1 shows injury attendances by LSOA of residence. The highest LSOAs of residence for all injury attendances in Cumbria were Carlisle 009A (n=365), followed by Carlisle 009B (n=345), Carlisle 013B (n=341), Carlisle 011F (n=293) and Carlisle 011A (n=284).

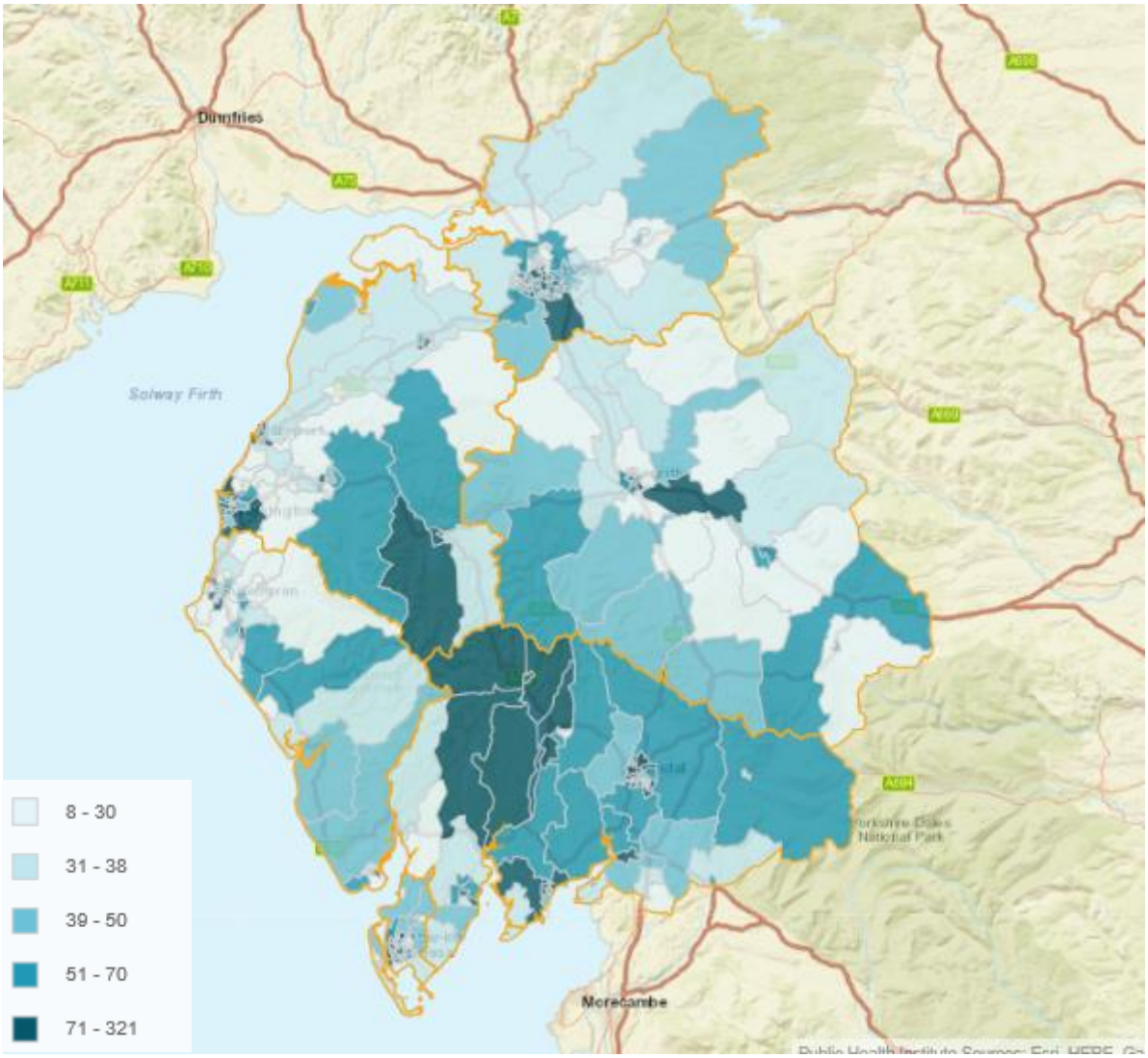
Figure 1. Number of injury attendances by LSOA, April 2018 to March 2019



AMBULANCE CALLOUT DATA

Figure 2 shows the LSOA of injury related ambulance callouts. The highest LSOAs of callout were Carlisle 006B (n=321), followed by Copeland 002B (n=276), Carlisle 010B (n=206), Barrow in Furness 008A (n=201) and Barrow in Furness 004A (n=200).

Figure 2. Number of injury ambulance callouts by LSOA, April 2018 to March 2019



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