

This bulletin provides a breakdown of all trauma¹ attendances at Southport Accident and Emergency (A&E) department between April 2006 and March 2007.

Figure 1 illustrates the number of trauma attendances by month of attendance. Trauma attendance peaked in July, with March having the least number of trauma attendances.

Figure 1: Total number of trauma attendances by month, April 2006 to March 2007

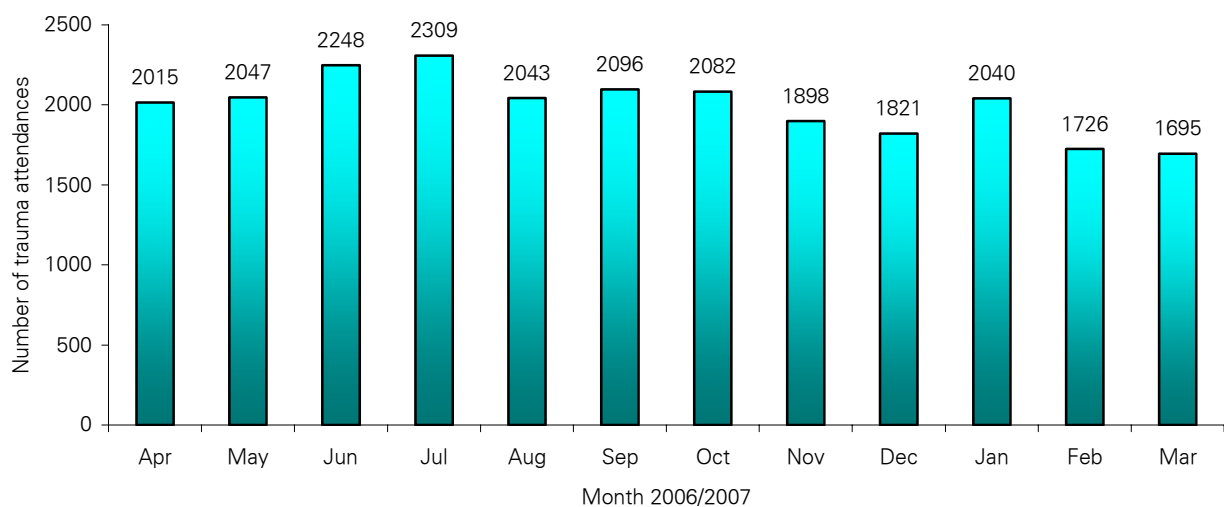
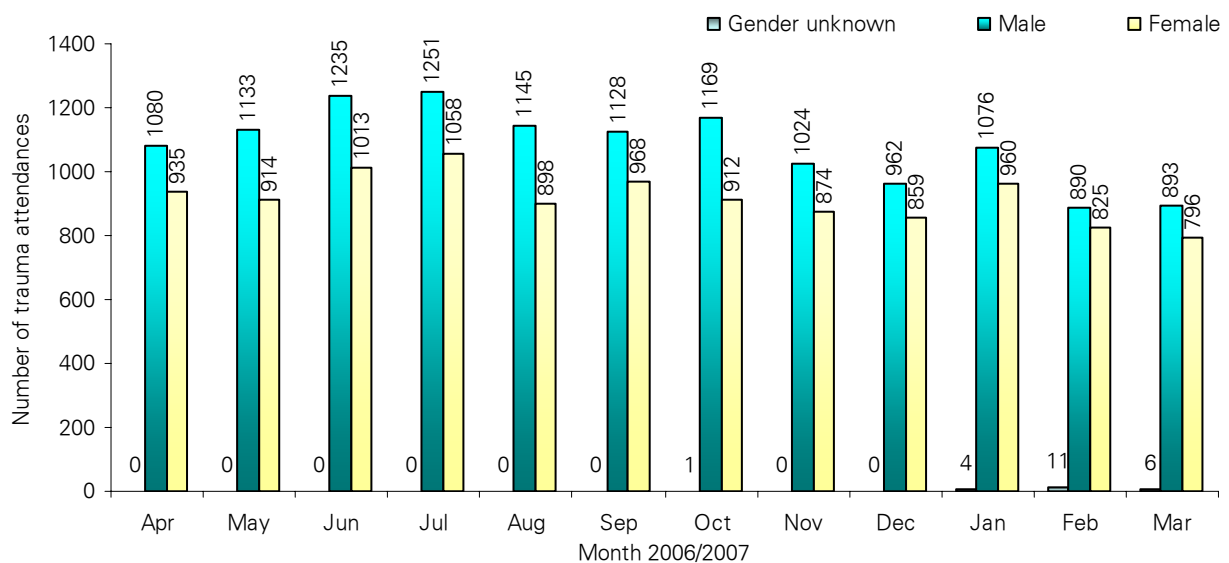


Figure 2 illustrates trauma attendances by gender. For all months there were more male trauma attendances than female presenting at Southport A&E department.

Figure 2: Gender of trauma attendances by month, April 2006 to March 2007



¹Trauma refers to all A&E attendances presenting as a result of an accident or intentional/unintentional injury.

Figure 3 presents the age group of trauma attendances. Across the whole year the vast majority of trauma attendances were made by people above the age of 14 years. The low number of trauma attendances under the age of 15 years presenting at Southport A&E department is probably due to the close proximity of the local Paediatric A&E department located at Ormskirk General Hospital.

Figure 3: Age group of trauma attendances by month, April 2006 to March 2007

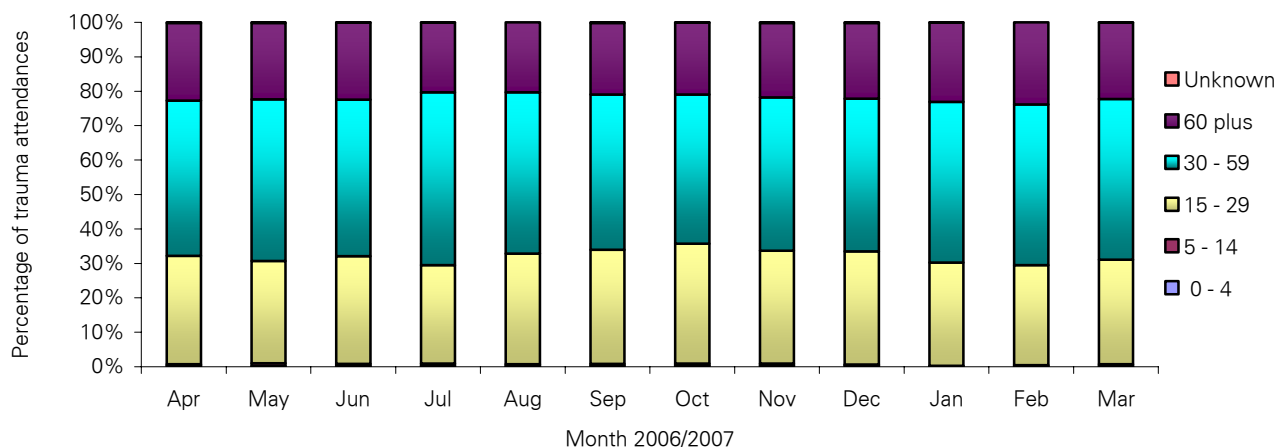


Table 1 details the injury group of trauma attendances. The most common cause of injury was by 'other' accident, (82%). Of those attendances where an injury group was specified 44% were road traffic accidents and 28% assaults.

Table 1: Trauma attendances by injury group, April 2006 to March 2007

Injury Group	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Other accident	1589	1649	1868	1945	1665	1733	1659	1534	1455	1704	1423	1382	19606	82
Road traffic accident	178	181	158	169	169	155	151	174	181	137	136	142	1931	8
Assault	116	112	119	105	95	93	144	93	105	104	68	80	1234	5
Sports injury	76	56	65	45	72	68	75	57	40	49	44	57	704	3
Deliberate self-harm	56	49	38	45	42	47	53	38	36	46	55	34	539	2
Firework injury	0	0	0	0	0	0	0	2	4	0	0	0	6	0
Total	2015	2047	2248	2309	2043	2096	2082	1898	1821	2040	1726	1695	24020	100

Table 2 illustrates the source of referral for patients presenting with trauma injuries. The majority (83%) of trauma attendees self referred.

Table 2: Trauma attendances by source of referral, April 2006 to March 2007

Source of Referral	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Self referral	1651	1716	1893	1920	1656	1741	1712	1578	1502	1680	1448	1461	19958	83
Emergency services	188	177	139	196	177	125	132	150	157	175	108	83	1807	8
Health care provider	73	54	88	81	92	88	100	64	60	79	71	66	916	4
Other	32	31	55	52	46	65	72	45	36	48	51	50	583	2
General Medical Practitioner	32	40	43	37	36	49	39	36	28	35	31	15	421	2
Police	25	16	17	16	10	19	20	16	21	16	13	17	206	1
Work	10	11	9	6	22	4	5	6	13	5	2	2	95	0
LA* social services	4	0	4	1	4	3	2	2	3	1	0	0	24	0
Educational establishment	0	2	0	0	0	2	0	1	1	1	0	1	8	0
Unknown	0	0	0	0	0	0	0	0	0	0	2	0	2	0
Total	2015	2047	2248	2309	2043	2096	2082	1898	1821	2040	1726	1695	24020	100

*Local Authority

Table 3 presents trauma attendances by location of incident. Over half (53%) of all trauma attendances occurred in the home.

Table 3: Trauma attendances by location of incident, April 2006 to March 2007

Location	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Home	1069	1100	1237	1304	1063	1086	1052	979	948	1093	912	908	12751	53
Public place	747	686	745	704	715	733	743	690	652	690	528	536	8169	34
Work	149	182	207	209	182	210	208	185	156	169	185	157	2199	9
Other	46	72	54	82	80	56	71	33	55	74	93	83	799	3
Educational establishment	4	7	5	10	3	11	8	11	10	14	8	11	102	0
Total	2015	2047	2248	2309	2043	2096	2082	1898	1821	2040	1726	1695	24020	100

Table 4 shows the disposal method of trauma attendances. Four in ten (40%) attendees were discharged requiring no follow up.

Table 4: Disposal method of all trauma attendances, April 2006 to March 2007

Disposal	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total	%
Discharged – no follow up	868	876	894	916	939	864	823	799	753	794	598	582	9706	40
Discharged - follow up	452	417	570	585	421	494	504	469	409	475	456	482	5734	24
Admitted to hospital	209	209	172	221	205	207	198	184	206	224	213	174	2422	10
Referred to Fracture Clinic	191	203	208	204	182	174	189	143	144	172	144	138	2092	9
Referred to other health care professional	81	108	128	110	92	82	92	86	80	101	132	135	1227	5
Left before being treated	61	45	88	83	66	94	82	69	81	100	74	81	924	4
Referred to A&E Clinic	58	89	84	87	69	87	98	68	61	55	24	18	798	3
Transferred to other Health Care Provider	60	50	49	47	27	43	54	45	45	36	34	49	539	2
Referred to other Out-Patient Clinic	23	32	33	36	23	30	29	19	20	34	33	27	339	1
Left having refused treatment	10	16	17	19	17	18	10	13	18	19	11	7	175	1
Unknown	1	2	2	1	2	3	2	2	3	20	0	0	38	0
Other	0	0	2	0	0	0	0	0	0	9	4	2	17	0
Died in department	1	0	1	0	0	0	1	1	1	1	3	0	9	0
Total	2015	2047	2248	2309	2043	2096	2082	1898	1821	2040	1726	1695	24020	100

Figure 4 shows the crude rate of trauma attendances to Southport A&E department per 1000 population by Middle Super Output Area (MSOA), these areas have then been split into quintiles, running from those with the lowest crude rate (1) to the highest crude rate (5). Figure 5 shows the same information but in crude rate format only. Table 5 shows the five MSOAs with the highest crude rate of trauma attendances per 1000 population. The Southport Town Centre/Promenade area had the highest crude rate, with 176 attendances per 1000 population during 06/07.

Table 5: Top five Middle Super Output Areas of residence of all trauma attendances at Southport Accident and Emergency department, crude rate per 1,000 population, April 2006 to March 2007

MSOA Code	General area	Crude Rate/1000
E02001432	Southport Town Centre/Promenade	176
E02001435	Duke Street/Aughton Road area	144
E02001436	Southport Hospital area	141
E02001433	High Park	137
E02001431	Churchtown area	134

* Percentages may not add to one hundred due to rounding.

Figure 4: Middle Super Output Area of residence of all trauma attendances at Southport Accident and Emergency department, quintile's of crude rate per 1,000 population, April 2006 to March 2007
(Populations: MSOA mid Year 2004)

 Accident & Emergency Department

Quintile's of crude rate of trauma attendances per 1000 population

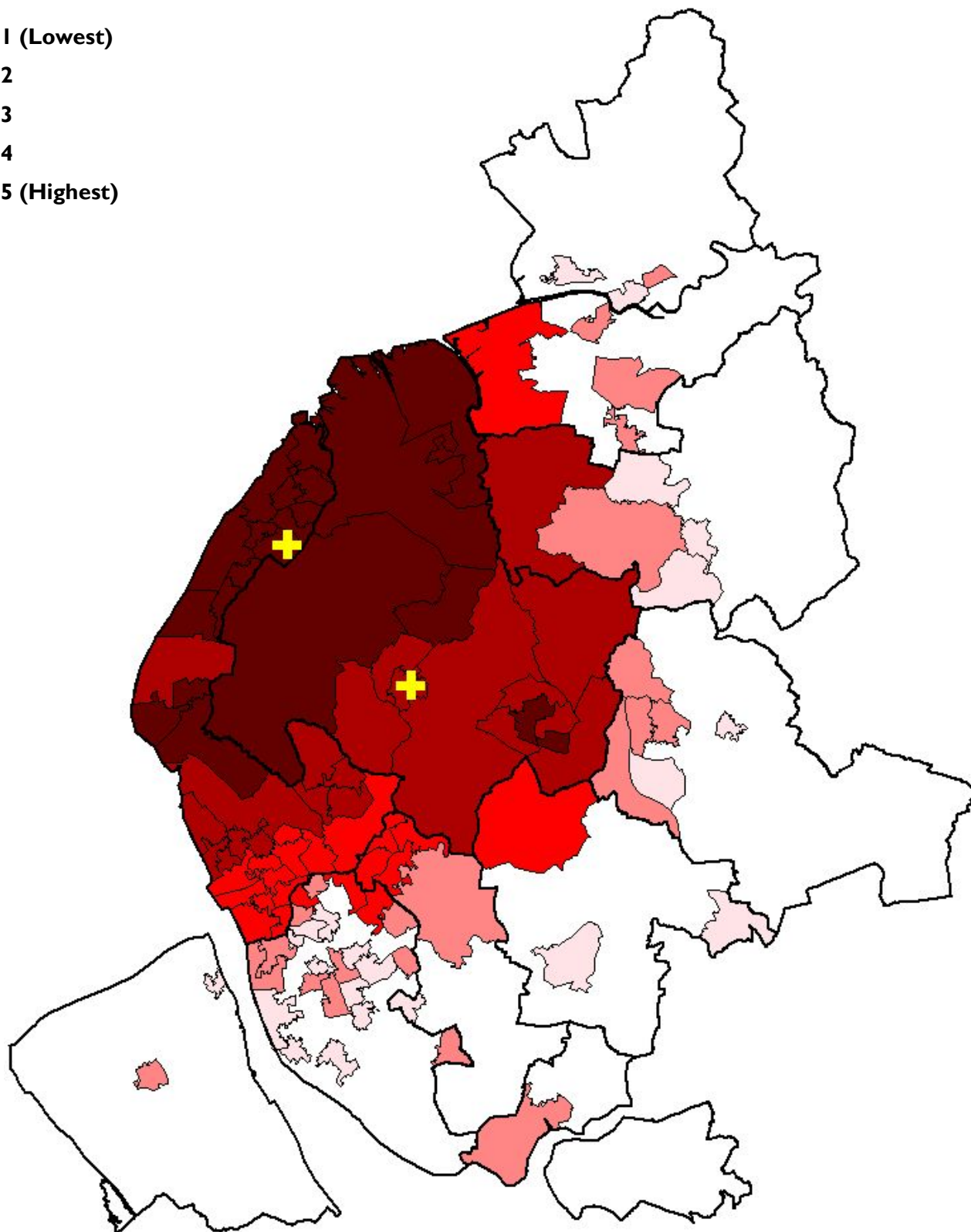
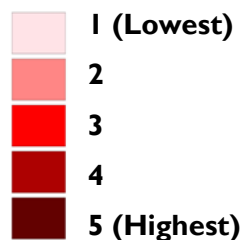
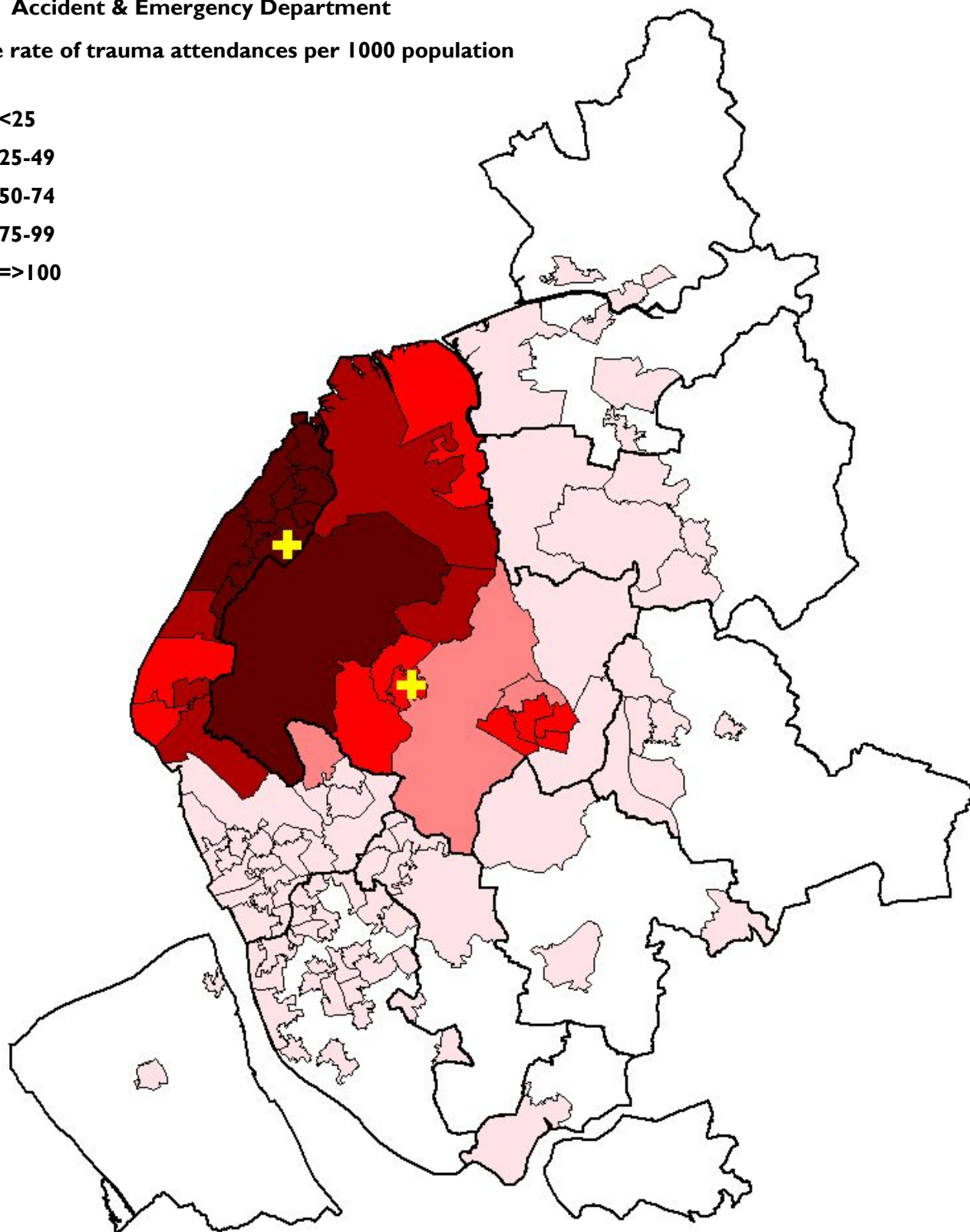
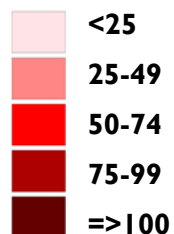


Figure 5: Middle Super Output Area of residence of all trauma attendances at Southport Accident and Emergency department, crude rate per 1,000 population, April 2006 to March 2007

(Populations: MSOA mid Year 2004)

 **Accident & Emergency Department**

Crude rate of trauma attendances per 1000 population



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