

## Injury attendances to Salford Royal Emergency Department

### July 2010 to June 2011

This report summarises recorded injury attendances to Salford Royal Emergency Department (ED) between July 2010 and June 2011.

Between July 2010 and June 2011 there were 24,966 injury attendances to Salford Royal ED. Males accounted for over half (55%) of all injury attendances. The month with the highest injury attendances was July (n=2,292) with December having the lowest attendances (n=1,774) (**Figure 1**). The majority (54%) of attendances were recorded as other injury. Of the specified injury groups falls (21%) accounted for the highest proportion followed by assault (7%), road traffic collision (RTC) (5%) and sports injury (5%) (**Table 1**).

For all injuries the highest proportion of attendances were for persons aged 20-34 (26%) and 5-19 years (23%) (**Figure 2**). Over four in ten (42%) fall attendees were aged 65 or over. Nearly half (46%) of assault attendees were aged 20-34. Over four in ten (44%) of RTC attendees were aged 20-34 (**Figure 3**).

**Table 2** shows the ethnicity of injury attendees to Salford Royal ED. The large majority (93%) were white.

The disposal of a patient can give an indication of the severity of the injuries sustained. Over half (52%) of attendees were discharged, almost three in ten (29%) were referred and 16% were admitted (**Table 3**). Four

in ten (40%) of RTC attendees were referred while nearly a half (46%) of deliberate self-harm (DSH) attendees were admitted (**Table 4**).

**Table 5** shows the arrival methods of attendances at Salford Royal ED. Over a fifth (22%) of attendees arrived by ambulance.

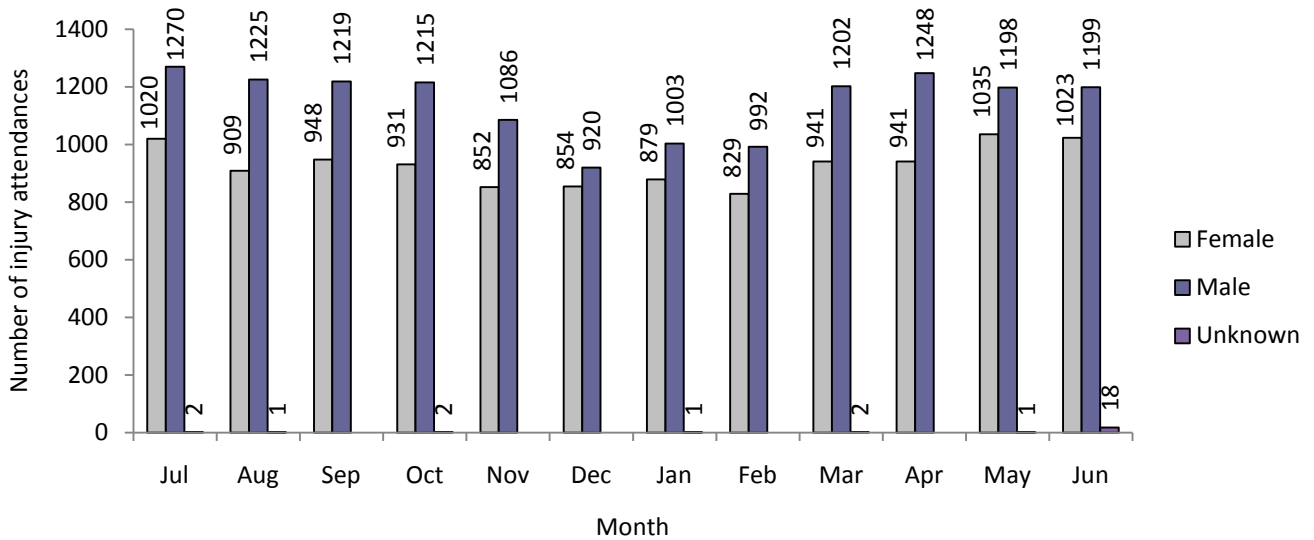
**Table 6** shows the incident location of injury attendances to Salford Royal ED. Nearly two-thirds (65%) of injury attendances were recorded as other, while 17% occurred at home and 13% in a public place. Nearly two-fifths (39%) of burns injuries occurred at home.

**Table 7** presents data for assault attendees to Salford Royal ED. The majority of attendees were male (70%) and over a third (34%) arrived by ambulance. A quarter (25%) of assaults occurred in a public place and over a quarter (26%) presented at the ED at the weekend between the hours of 8pm and 3.59am.

**Figure 4 (a-d)** shows crude rates of attendance at Salford Royal ED by attendee's area of residence, in this case Middle Super Output Area (MSOA). The MSOAs with the highest crude rates are indicated beneath each figure.<sup>1</sup>

<sup>1</sup> Population figures are drawn from mid-2008 population estimates from the Office for National Statistics.

**Figure 1: Salford Royal ED: Total injury attendances by gender and month, July 2010 to June 2011**

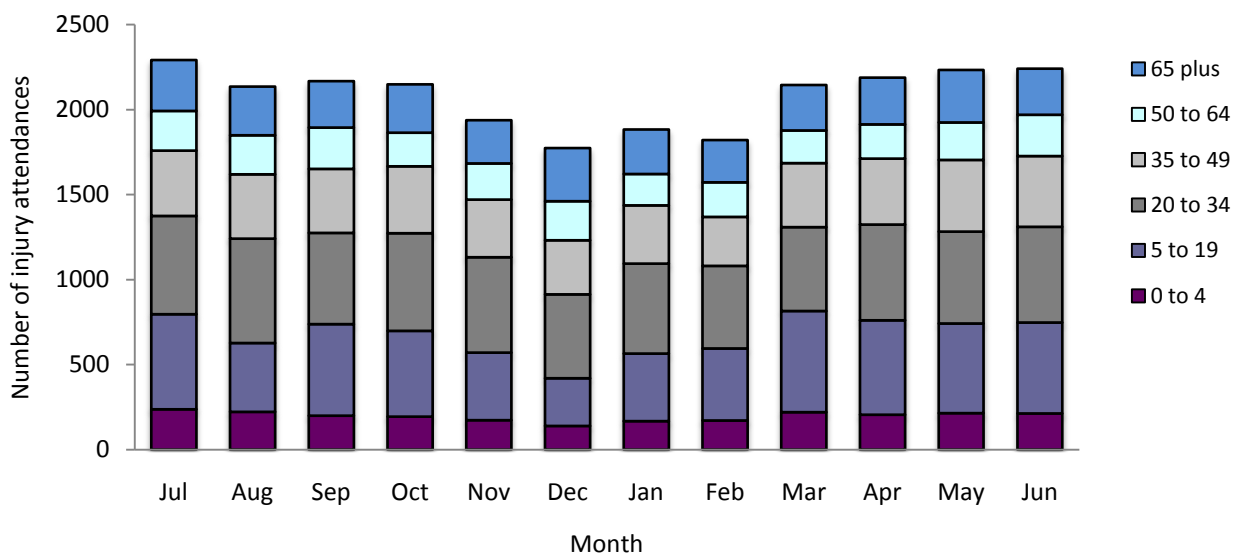


**Table 1: Salford Royal ED: Total injury attendances by injury group and month, July 2010 to June 2011<sup>2\*</sup>**

Injury group	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Other injury	1234	1196	1246	1166	1029	864	1006	941	1161	1214	1225	1293	13575	54
Fall	488	406	420	418	391	527	396	420	448	455	489	468	5326	21
Assault	158	148	135	159	142	126	181	131	136	151	153	134	1754	7
RTC	126	111	110	124	148	98	88	99	122	111	118	108	1363	5
Sports injury	101	105	124	146	114	48	99	127	160	116	105	85	1330	5
DSH	76	85	52	67	60	55	70	42	62	69	73	66	777	3
Burns and scalds	37	45	41	40	43	40	34	47	38	35	42	43	485	2
Bites and stings	72	39	39	28	11	16	9	14	18	38	29	43	356	1
<b>Total</b>	<b>2292</b>	<b>2135</b>	<b>2167</b>	<b>2148</b>	<b>1938</b>	<b>1774</b>	<b>1883</b>	<b>1821</b>	<b>2145</b>	<b>2189</b>	<b>2234</b>	<b>2240</b>	<b>24966</b>	<b>100</b>

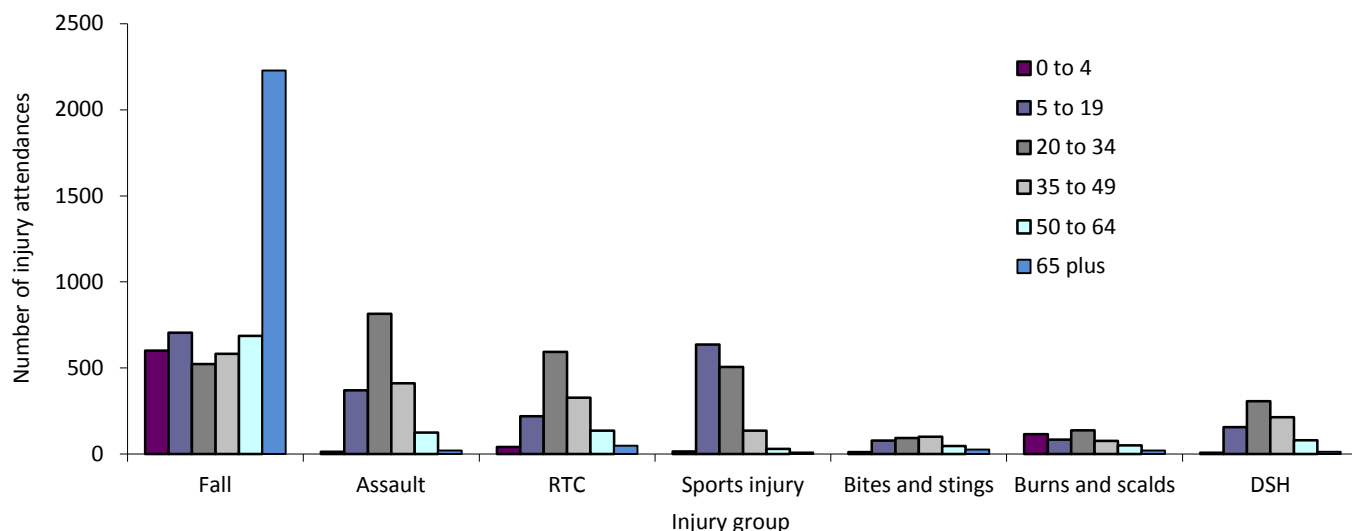
\*Percentages may not add up to 100 due to rounding.

**Figure 2: Salford Royal ED: Total injury attendances by age group and month, July 2010 to June 2011**



<sup>2</sup> Firework injury has been included in other injury due to low numbers (n=28).

**Figure 3: Salford Royal ED: Total injury attendances by age group and injury group (excluding other injury), July 2010 to June 2011**



**Table 2: Salford Royal ED: Total injury attendances by ethnicity and month, July 2010 to June 2011<sup>3</sup>**

Ethnicity	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
White	2093	2000	1990	1968	1799	1648	1742	1711	1994	2043	2080	2066	23134	93
Other	72	56	61	65	50	49	57	46	61	49	54	69	689	3
Black	22	22	25	22	30	20	20	19	26	32	26	24	288	1
Not Stated	44	31	29	35	17	15	13	19	20	19	14	23	279	1
Mixed	23	10	26	24	19	14	23	14	18	26	25	20	242	1
Pakistani	21	***	16	17	7	12	8	***	***	***	16	19	132	1
Indian	9	8	***	7	9	8	10	***	11	***	10	9	98	0
Chinese	***	***	11	***	***	***	5	6	7	8	***	***	73	0
Bangladeshi	***	***	***	***	***	***	5	***	***	***	***	***	31	0
<b>Total</b>	<b>2292</b>	<b>2135</b>	<b>2167</b>	<b>2148</b>	<b>1938</b>	<b>1774</b>	<b>1883</b>	<b>1821</b>	<b>2145</b>	<b>2189</b>	<b>2234</b>	<b>2240</b>	<b>24966</b>	<b>100</b>

**Table 3: Salford Royal ED: Total injury attendances by method of disposal and month, July 2010 to June 2011**

Disposal	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Discharged	1202	1126	1198	1184	1039	888	970	900	1055	1080	1091	1144	12877	52
Referred/follow-up	668	616	575	570	560	478	555	532	653	683	668	658	7216	29
Admitted	336	318	329	327	279	350	296	321	354	318	396	344	3968	16
Other	86	75	65	67	60	58	62	68	83	108	79	94	905	4
<b>Total</b>	<b>2292</b>	<b>2135</b>	<b>2167</b>	<b>2148</b>	<b>1938</b>	<b>1774</b>	<b>1883</b>	<b>1821</b>	<b>2145</b>	<b>2189</b>	<b>2234</b>	<b>2240</b>	<b>24966</b>	<b>100</b>

\*Percentages may not add to 100 due to rounding.

**Table 4: Salford Royal ED: Total injury attendances by method of disposal and injury group (excluding other injury), July 2010 to June 2011\***

Disposal	Assault		Bites and stings		Burns and scalds		DSH		Fall		RTC		Sports		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Discharged	875	50	161	45	194	40	192	25	2252	42	685	50	663	50	5022	44
Referred/follow-up	409	23	132	37	220	45	148	19	1179	22	545	40	593	45	3226	28
Admitted	289	16	50	14	55	11	356	46	1757	33	77	6	57	4	2641	23
Other	181	10	13	4	16	3	81	10	138	3	56	4	17	1	502	4
<b>Total</b>	<b>1754</b>	<b>100</b>	<b>356</b>	<b>100</b>	<b>485</b>	<b>100</b>	<b>777</b>	<b>100</b>	<b>5326</b>	<b>100</b>	<b>1363</b>	<b>100</b>	<b>1330</b>	<b>100</b>	<b>11391</b>	<b>100</b>

\*Percentages may not add to 100 due to rounding.

<sup>3</sup> Please note that all numbers less than five have been suppressed in line with patient confidentiality and if there is only one number <5 in a category then two numbers will be suppressed at the next level.

**Table 5: Salford Royal ED: Total injury attendances by arrival mode and month, July 2010 to June 2011\***

Arrival mode	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total	%
Other	1769	1662	1700	1665	1502	1321	1473	1395	1678	1705	1746	1773	19389	78
Ambulance	523	473	467	483	436	453	410	426	467	484	488	467	5577	22
<b>Total</b>	<b>2292</b>	<b>2135</b>	<b>2167</b>	<b>2148</b>	<b>1938</b>	<b>1774</b>	<b>1883</b>	<b>1821</b>	<b>2145</b>	<b>2189</b>	<b>2234</b>	<b>2240</b>	<b>24966</b>	<b>100</b>

**Table 6: Salford Royal ED: Total injury attendances by location of incident and injury group (excluding other injury), July 2010 to June 2011\***

Location	Assault		Bites and stings		Burns and scalds		DSH		Fall		RTC		Sports		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Other	1106	63	305	86	216	45	757	97	2596	49	1339	98	1136	85	7455	65
Home	110	6	26	7	187	39	12	2	1556	29	***	***	***	***	1910	17
Public place	440	25	17	5	***	***	***	***	889	17	17	1	79	6	1457	13
Educational establishment	33	2	***	***	***	***	***	***	177	3	***	***	93	7	309	3
Work	65	4	***	***	69	14	***	***	108	2	***	***	***	***	260	2
<b>Total</b>	<b>1754</b>	<b>100</b>	<b>356</b>	<b>100</b>	<b>485</b>	<b>100</b>	<b>777</b>	<b>100</b>	<b>5326</b>	<b>100</b>	<b>1363</b>	<b>100</b>	<b>1330</b>	<b>100</b>	<b>11391</b>	<b>100</b>

**Table 7: Salford Royal ED: Total assault attendances by gender, arrival mode, location of incident, age group and day/time of attendance, July 2010 to June 2011\***


	Assault attendees		All injury attendees (n=24,966)
	n	%	%
<b>Gender</b>			
Male	1227	70	55
Female	527	30	45
<b>Arrival mode</b>			
Ambulance	596	34	28
Other	1158	66	72
<b>Location</b>			
Other	1106	63	67
Public place	440	25	10
Home	110	6	15
Work	65	4	5
Educational establishment	33	2	4
<b>Age group*</b>			
0 - 4	13	0	9
5 - 19	371	21	23
20 - 34	814	46	26
35 - 49	411	23	18
50 - 64	125	7	10
65 plus	20	1	13
<b>Day and time of attendance*</b>			
Weekend nights**	457	26	10
Weekend day	425	24	21
Weekdays	872	50	69


\*Percentages may not add to 100 due to rounding.

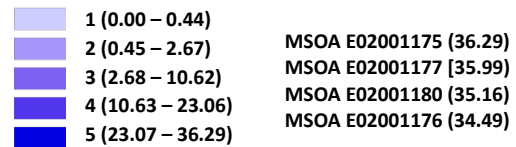
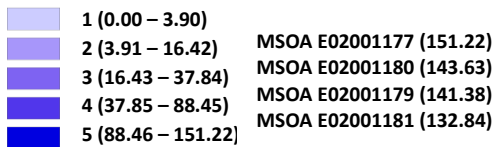
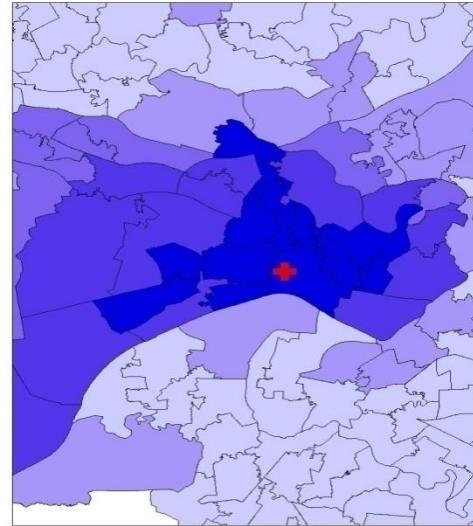
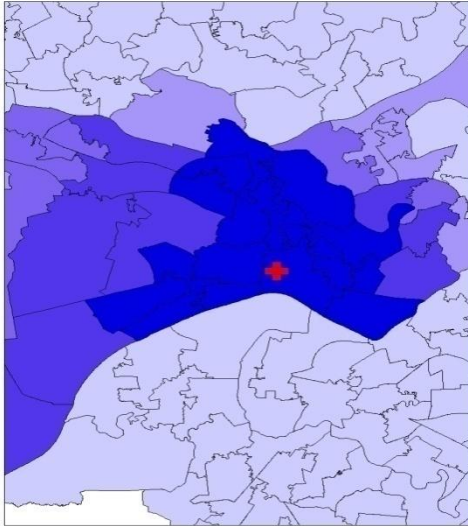
\*\*8pm to 3.59am, Friday night/Saturday morning; Saturday night/Sunday morning; Sunday night/Monday morning.

**Figure 4a,b,c,d: Middle Super Output Area of residence for injury attendances to Salford Royal ED. Quintiles of crude rates per 1,000 population, July 2010 to June 2011**

a) All injury attendances: quintiles of crude rates per 1,000 population    b) Fall: quintiles of crude rates per 1,000 population


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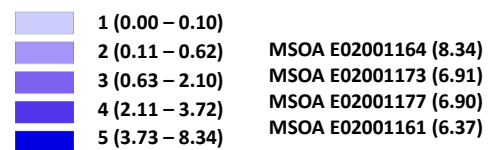
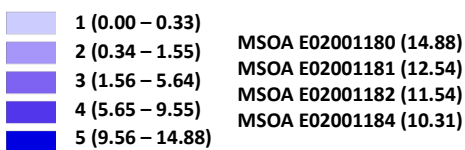
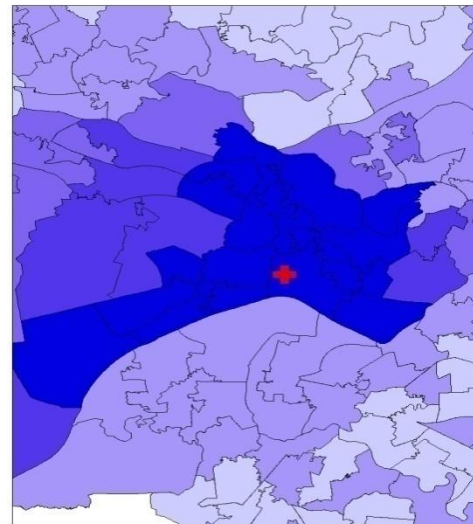
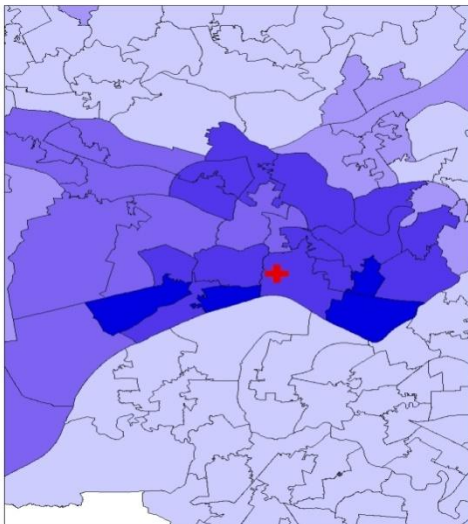


c) Assault: quintiles of crude rates per 1,000 population

d) RTC: quintiles of crude rates per 1,000 population

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