

Figure 1. Patient ages.

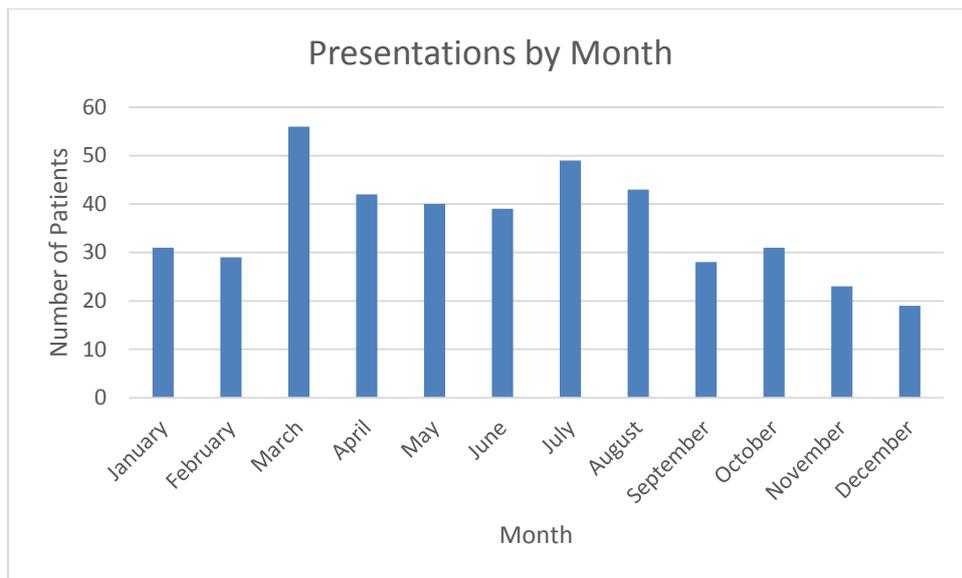


Figure 2. Patient presentations by calendar month.

Figure 3

[Click here to download Figure: Figure 3 Time of patient presentations.docx](#)

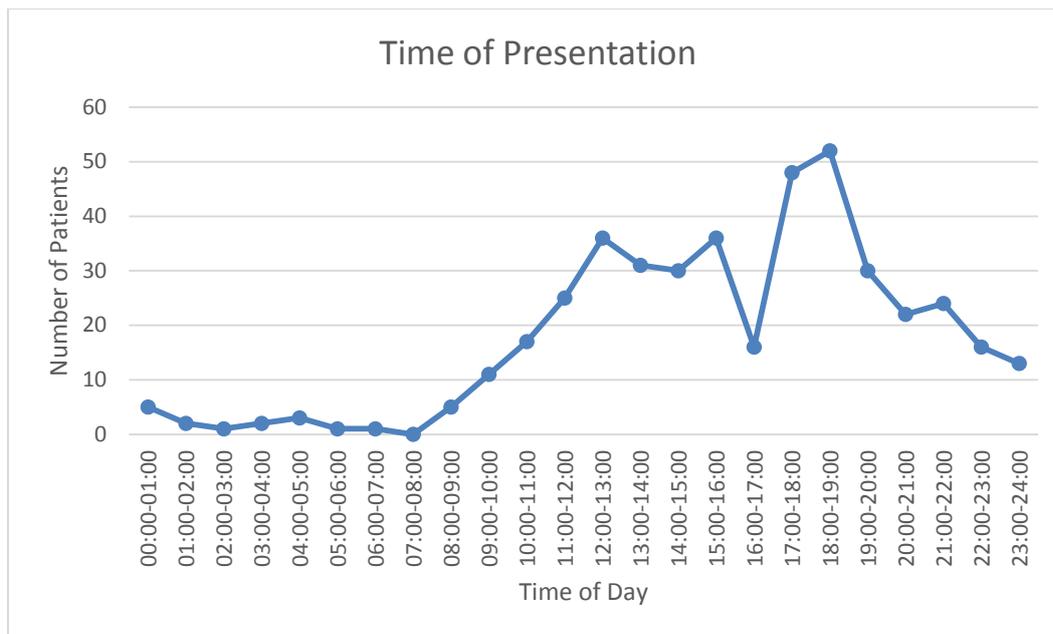


Figure 3. Time of patient presentations.

Figure 5

[Click here to download Figure: Figure 5 Presentations by day of the week.docx](#)

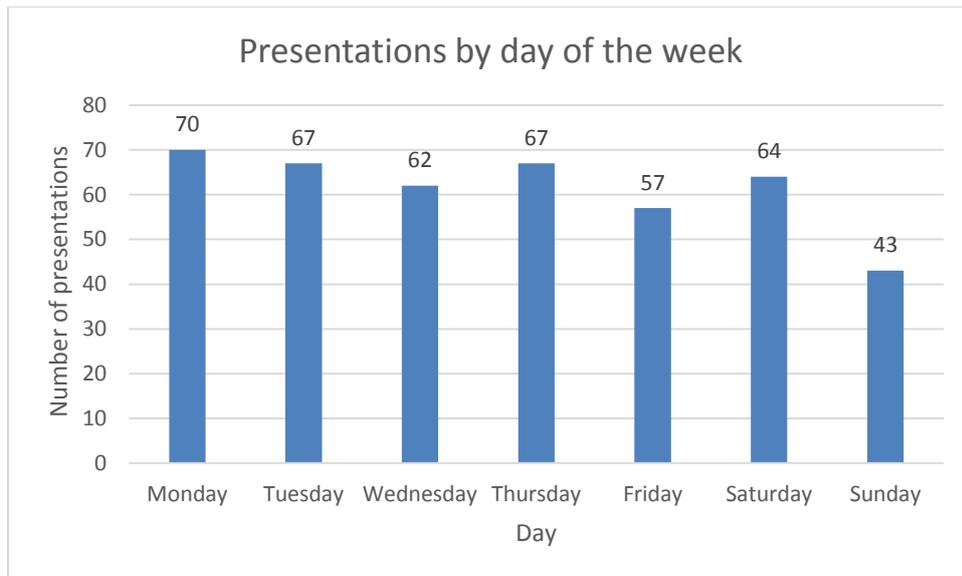


Figure 5. Presentations by day of the week.

Figure 4

[Click here to download Figure: Figure 4 Patient discharge destination.docx](#)

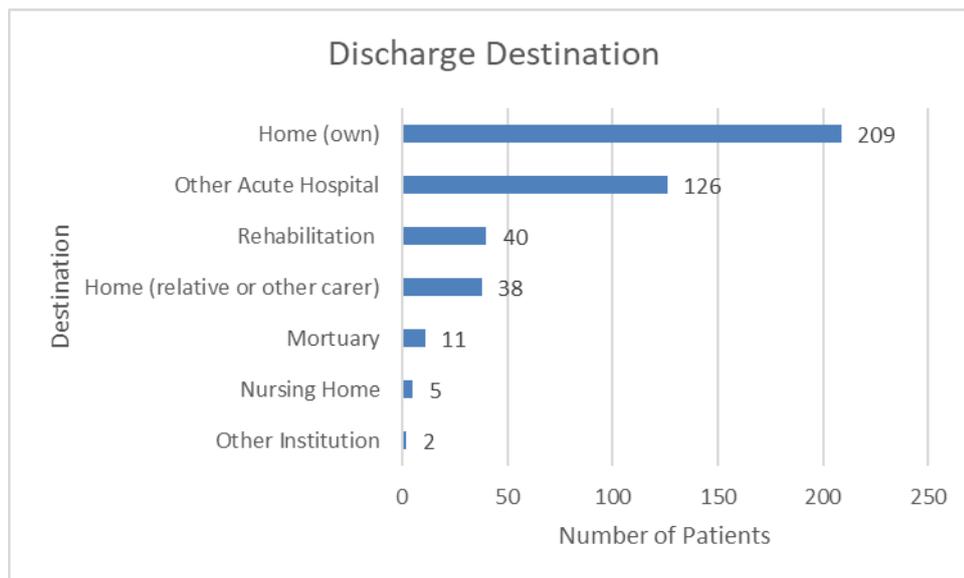


Figure 4. Patient discharge destination.

Table 1 Patient Demographics
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Age		<65	>65 years old	ISS >15
	<16 years old	27 (6.3%)		11 (7.3%)
	16-25	31 (7.2%)		10 (6.6%)
	25-45	82 (19.1%)		23 (15.2%)
	45-65	174 (40.5%)		64 (42.4%)
	>65 years old		116 (27.0%)	43 (28.5%)
	Total	314	116	151
Sex				
	Male	244 (77.7%)	97 (83.6%)	124 (82.1%)
	Female	70 (22.3%)	19 (16.4%)	27 (17.9%)
Charlson Comorbidity Index				
	Not recorded	6	0	0
	0	260 (82.8%)	62 (53.0%)	118 (78.2%)
	1 to 5	41 (13.1%)	42 (36.0%)	26 (17.2%)
	6 to 10	4 (1.3%)	11 (9.5%)	6 (4.0%)
	>10	3 (1.0%)	1 (0.9%)	1 (0.7%)
Mechanism of injury				
	Blow (s)	88 (28%)	38 (32.8%)	44 (29.1%)
	Fall less than 2m	78 (24.8%)	37 (31.9%)	31 (20.5%)
	Fall more than 2m	75 (23.9%)	12 (10.3%)	42 (27.8%)
	Crush injury	28 (8.9%)	16 (13.8%)	11 (7.3%)
	Vehicle incident/collision	25 (8.0%)	8 (6.9%)	14 (9.3%)
	Other	11 (3.5%)	4 (3.5%)	5 (3.3%)
	Shooting	4 (1.3%)	0	3 (2.0%)
	Burn	3 (0.9%)	1 (0.9%)	0
	Amputation (total)	1 (0.3%)	0	0
	Amputation (partial)	1 (0.3%)	0	1 (0.7%)
Mode of arrival				
	Not recorded	73	26	28
	Ambulance	196 (81.3%)	70 (77.8%)	101 (82.1%)
	Car	27 (11.2%)	15 (16.7%)	11 (8.9%)
	Helicopter	16 (6.6%)	4 (4.4%)	10 (8.1%)
	Walking	2 (0.8%)	1 (1.1%)	1 (0.8%)

Table 2 Patient treatments and Outcomes

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Most severely injured body region		<65 years old	>65 years old	ISS >15
	Abdomen	12 (3.8%)	6 (5.2%)	6 (4.0%)
	Chest	57 (18.2%)	32 (27.6%)	37 (24.5%)
	Face	8 (2.5%)	2 (1.7%)	0
	Head	39 (12.4%)	25 (21.6%)	59 (39.0%)
	Limbs	117 (37.3%)	22 (19.0%)	22 (14.6%)
	Multiple	23 (7.3%)	11 (9.5%)	16 (10.6%)
	Other	8 (2.5%)	1 (0.9%)	2 (1.3%)
	Spine	50 (15.9%)	17 (14.7%)	9 (6%)
Operations				
	No operation recorded	247 (78.7%)	99 (85.3%)	127 (84.1%)
	Abdomen	1 (0.2%)	0	1 (0.7%)
	Face	4 (1.3%)	1 (0.9%)	0
	Head & Brain	2 (0.6%)	3 (2.6%)	5 (3.3%)
	Limb	42 (13.4%)	7 (6.0%)	8 (5.3%)
	Skin/Soft Tissue	3 (1.0%)	2 (1.7%)	1 (0.7%)
	Spine	12 (3.8%)	3 (2.6%)	8 (5.3%)
	Thoracic	3 (1.0%)	1 (0.9%)	1 (0.7%)
Most senior doctor in ED				
	Consultant	113 (39.2%)	34 (30.4%)	71 (51.1%)
	Specialist Registrar*	91 (31.6%)	36 (32.1%)	38 (27.3%)
	Registrar	55 (19.1%)	27 (24.1%)	20 (14.4%)
	SHO	29 (10.1%)	15 (13.4%)	10 (7.2%)
	Not Recorded	26	4	12

Table 3 Demographics of Patients Who Died[Click here to download Table: Table 3 Demographics of Patients Who Died.docx](#)

Age	Sex	Charlson Comorbidity Index	Mechanism	Trauma type	ISS	Mode of arrival
15	Male	0	Vehicle incident/collision	Blunt	25	Ambulance
49	Male	0	Fall more than 2m	Blunt	18	Helicopter
57	Male	0	Other	Blunt	25	Ambulance
61	Male	0	Blow(s)	Blunt	25	Not recorded
62	Female	0	Blow(s)	Blunt	16	Ambulance
68	Male	0	Blow(s)	Blunt	18	Helicopter
72	Male	0	Fall more than 2m	Blunt	25	Ambulance
73	Male	0	Fall less than 2m	Blunt	13	Not recorded
74	Male	8	Crush	Blunt	4	Ambulance
80	Male	10	Vehicle incident/collision	Penetrating	10	Ambulance
90	Male	4	Fall less than 2m	Blunt	17	Car