

Table 1 Mean and median waiting times by selected characteristics of emergency department patients (n = 2187)

Variable	No. of patients	Waiting time (min)		P-value ^a
		Mean (SD)	Median	
Sex				0.1337
Male	1024	48.51 (46.30)	35.00	
Female	978	50.70 (46.48)	35.00	
Age (years)				< 0.0001
0–14	701	45.87 (43.51)	31.00	
15–44	796	49.20 (48.66)	34.00	
45–64	342	54.15 (47.58)	39.00	
65+	163	57.85 (42.88)	45.00	
Triage category				0.0013
Emergent	10	30.80 (16.57)	33.00	
Urgent	843	52.98 (48.42)	39.00	
Non-urgent	1109	47.87 (45.24)	33.00	
Nationality				0.1182
Saudi Arabian	1839	49.27 (46.52)	35.00	
Expatriate	163	53.20 (44.83)	40.00	
Hospital employee				0.7749
No	1679	49.26 (46.03)	35.00	
Yes	323	51.33 (48.23)	35.00	
Day of presentation				< 0.0001
Saturday	221	51.12 (45.71)	35.00	
Sunday	323	55.72 (50.18)	41.00	
Monday	196	49.81 (46.26)	35.00	
Tuesday	219	41.68 (37.73)	30.00	
Wednesday	428	55.19 (52.39)	36.00	
Thursday	368	46.92 (42.18)	32.00	
Friday	247	41.34 (41.48)	30.00	
Time of presentation				< 0.0001
00:01–06:00	333	56.83 (54.15)	38.00	
06:00–12:00	401	49.98 (43.19)	35.00	
12:01–18:00	514	56.65 (53.37)	40.00	
18:01–24:00	751	41.28 (36.99)	30.00	

^aKruskal–Wallis test.