

**Online Supplementary Material 4**  
**Table of Additional Participant Characteristics**

Characteristic	N (%)	NFR Score	
		Median (95% CI) <sup>1</sup>	[LQ - UQ]
Maximum number of consecutive day shifts you would be scheduled to work			
0	30 (0.7)	63.6 (50.1 to 77.2)	[36.4 - 90.9]
1	42 (1.0)	59.1 (40.9 to 77.3)	[27.3 - 90.9]
2	217 (5.3)	63.6 (55.1 to 72.2)	[36.4 - 81.8]
3	522 (12.7)	63.6 (60.9 to 66.4)	[36.4 - 81.8]
4	788 (19.2)	63.6 (63.6 to 63.6)	[45.5 - 81.8]
5	1108 (27)	72.7 (70.0 to 75.5)	[45.5 - 81.8]
6	309 (7.5)	72.7 (66.9 to 78.6)	[54.5 - 90.9]
7	1094 (26.6)	72.7 (72.7 to 72.7)	[45.5 - 90.9]
Missing	137 (3.3)	72.7 (65.7 to 79.7)	[50.0 - 90.9]
Maximum number of consecutive Twilight shifts you would be scheduled to work			
0	339 (8.2)	54.5 (48.3 to 60.8)	[36.4 - 81.8]
1	341 (8.3)	60.0 (51.2 to 68.8)	[36.4 - 81.8]
2	496 (12.1)	54.5 (49.9 to 59.2)	[36.4 - 81.8]
3	796 (19.4)	63.6 (55.8 to 71.5)	[45.5 - 81.8]
4	1100 (26.7)	72.7 (69.9 to 75.5)	[45.5 - 90.9]
5	600 (14.6)	72.7 (72.1 to 73.4)	[54.5 - 90.9]
6	107 (2.6)	72.7 (67.6 to 77.8)	[54.5 - 90.9]
7	334 (8.1)	81.8 (74.4 to 89.3)	[54.5 - 90.9]
Missing	134 (3.3)	72.7 (67.3 to 78.1)	[54.5 - 90.9]
Maximum number of consecutive night shifts you would be scheduled to work			
0	1057 (25.6)	54.5 (52.0 to 57.1)	[27.3 - 80.0]
1	123 (3.0)	63.6 (53.2 to 74.0)	[36.4 - 90.9]
2	153 (3.7)	54.5 (44.7 to 64.4)	[45.5 - 81.8]
3	467 (11.3)	72.7 (65.6 to 79.9)	[45.5 - 90.9]
4	2188 (53.1)	72.7 (72.7 to 72.7)	[54.5 - 90.9]
5	64 (1.6)	72.7 (64.4 to 81.1)	[54.5 - 90.9]
6	6 (0.1)	54.5 (NA)	[45.5 - 81.8]
7	63 (1.5)	72.7 (64.4 to 81.1)	[54.5 - 90.9]
Missing	126 (3.1)	72.7 (67.4 to 78.0)	[54.5 - 90.9]
Maximum number of clinical shifts you work in a typical week?			
1	27 (0.7)	63.6 (45.2 to 82.0)	[45.5 - 90.9]
2	63 (1.5)	63.6 (49.2 to 78.1)	[36.4 - 81.8]

3	240 (5.9)	63.6 (58.1 to 69.2)	[36.4 - 81.8]
4	553 (13.5)	63.6 (54.9 to 72.3)	[36.4 - 81.8]
5	1074 (26.2)	63.6 (62.1 to 65.2)	[45.5 - 81.8]
6	858 (20.9)	72.7 (72.0 to 73.4)	[45.5 - 90.9]
7	1285 (31.3)	72.7 (72.7 to 72.7)	[45.5 - 90.9]
Missing	147 (3.6)	72.7 (67.1 to 78.3)	[45.5 - 90.9]
<b>Non-clinical shifts past month</b>			
0	1164 (28.3)	72.7 (72.7 to 72.7)	[54.5 - 90.9]
<1	394 (9.6)	72.7 (72.1 to 73.4)	[54.5 - 90.9]
1	525 (12.8)	72.7 (72.7 to 72.7)	[50.0 - 90.9]
2	527 (12.8)	63.6 (57.3 to 70.0)	[45.5 - 81.8]
3	242 (5.9)	63.6 (55.1 to 72.2)	[40.0 - 81.8]
4	525 (12.8)	60.0 (51.5 to 68.5)	[36.4 - 81.8]
5	115 (2.8)	54.5 (47.3 to 61.8)	[36.4 - 72.7]
6	124 (3.0)	54.5 (45.6 to 63.5)	[31.7 - 80.9]
7	39 (0.9)	63.6 (43.5 to 83.8)	[36.4 - 81.8]
8	157 (3.8)	54.5 (45.2 to 63.9)	[36.4 - 81.8]
9	19 (0.5)	60.0 (34.6 to 85.4)	[27.3 - 72.7]
10	102 (2.5)	54.5 (45.2 to 63.9)	[36.4 - 80.0]
11-15	86 (2.1)	54.5 (44.7 to 64.4)	[27.3 - 72.7]
>15	91 (2.2)	63.6 (47.6 to 79.7)	[27.3 - 81.8]
Missing	137 (3.3)	72.7 (66.6 to 78.9)	[54.5 - 90.9]
<b>Average commute in minutes</b>			
1-10	396 (9.6)	72.7 (64.2 to 81.3)	[45.5 - 81.8]
11-20	814 (19.8)	72.7 (64.6 to 80.9)	[45.5 - 90.0]
21-30	967 (23.5)	72.7 (64.6 to 80.8)	[45.5 - 90.9]
31-40	703 (17.1)	63.6 (63.6 to 63.6)	[36.4 - 81.8]
41-50	546 (13.3)	72.7 (64.5 to 81.0)	[45.5 - 90.9]
51-60	365 (8.9)	72.7 (67.6 to 77.8)	[45.5 - 90.0]
>60	325 (7.9)	72.7 (66.9 to 78.5)	[45.5 - 90.9]
Missing	131 (3.2)	72.7 (68.4 to 77.1)	[54.5 - 90.9]
<b>Do you have a dedicated time away from adult emergency medicine?</b>			
No	3091 (75.2)	72.7 (67.2 to 78.3)	[45.5 - 90.9]
Yes	1020 (24.8)	63.6 (62.2 to 65.1)	[36.4 - 81.8]
Missing	136 (3.3)	72.7 (67.7 to 77.8)	[45.5 - 90.9]

Frequency and percentage, median NFR score with 95% bootstrapped confidence intervals and the inter-quartile range of participants within each category.

<sup>1</sup> Bootstrapped 95% confidence intervals based on 1000 replications on a minimum of 8 observations.