

16th Article, Supplementary Pages: Tables

Table 1.
Distribution of Disaster Preparedness Score Averages

Sub-dimensions	Number of Items	Lower and upper value	Received lower and upper value	X±SD
Command and control	7	0-14	7.00-14.00	12.93±1.37
Communication	9	0-18	9.00-18.00	16.12±1.99
Safety and security	11	0-22	8.00-22.00	18.60±2.99
Triage	10	0-20	1.00-20.00	18.37±2.81
Surge capacity	13	0-26	0.00-26.00	21.66±5.09
Continuity of essential services	8	0-16	5.00-16.00	13.77±2.75
Human resources	15	0-30	2.00-30.00	22.48±4.80
Logistics and supply management	10	0-20	0.00-20.00	17.61±3.28
Post- disaster recovery	9	0-18	0.00-18.00	15.27±3.68
Total	92	0-184	84.00-184.00	156.83±21.43

X: mean, SD: Standard deviation

Table 2.

Comparison of Disaster Preparedness Scores (Total and Sub-Dimension) According to Descriptive Characteristics of Hospitals

Descriptive characteristics	N	Command control	Communication	Safety and security	Triage	Surge capacity
Number of general practitioners						
0-10 physicians	67	12.89(12.00-14.00)	15.83(15.00-17.00)	18.19(16.00-20.00)	18.29(18.00-20.00)	20.50(19.00-24.00)*
11-19 physicians	71	13.09(13.00-14.00)	16.25(16.00-18.00)	18.57(17.00-20.00)	18.43(18.00-20.00)	22.50(22.00-26.00)
20 and ↑ physicians	72	12.80(12.00-14.00)	16.26(15.00-18.00)	19.00(18.00-21.00)	18.37(18.00-20.00)	21.90(20.00-26.00)
Test		kW=3,790	kW=2.961	kW=4.438	kW=1,156	kW=8,709
Significance		P=0.150	P=0.228	P=0.109	P=0.561	P=0.013
Emergency specialist availability						
No emergency specialist	118	12.90(12.00-14.00)	15.94(15.00-18.00)	18.22(16.00-20.00)	18.28(18.00-20.00)	21.25(20.00-25.00)
There is an emergency specialist	92	12.96(12.25-14.00)	16.35(15.00-18.00)	19.07(18.00-21.00)	18.47(18.00-20.00)	22.18(20.00-26.00)
Test		U=5422.00	U=4748,00	L=4448.50	U=5245.50	U=5190.00
Significance		P=0.988	P=0.110	P=0.023	P=0.648	P=0.581
Number of nurses/midwives						
0-74 nurses/midwives	69	12.88(12.00-14.00)	16.14(15.00-18.00)	18.72(17.00-21.00)	18.65(18.50-20.00)	21.43(20.00-26.00)
75-220 nurses/midwives	69	13.05(13.00-14.00)	15.92(15.00-18.00)	18.01(17.00-20.00)	18.07(17.50-20.00)	21.65(20.00-24.50)
221 and ↑ nurse/midwife	72	12.86(12.00-14.00)	16.29(15.00-18.00)	19.04(18.00-21.00)	18.38(18.00-20.00)	21.85(20.00-26.00)
Test		kW=1,171	kW=1,500	kW=7,592	kW=1,555	KW=0.446
Significance		P=0.557	P=0.472	P=0.022	P=0.459	P=0.800
Number of emergency physicians						
0-10 physicians	65	12.87(12.00-14.00)	15.80(15.00-17.00)	18.12(16.00-20.00)	18.24(18.00-20.00)	20.53(19.00-24.00)
11-20 physicians	67	13.04(13.00-14.00)	16.23(16.00-18.00)	18.46(17.00-20.00)	18.49(18.00-20.00)	22.34(22.00-26.00)
21 and ↑ physician	78	12.88(12.00-14.00)	16.29(15.00-18.00)	19.11(18.00-21.00)	18.37(18.00-20.00)	22.01(20.00-26.00)
Test		kW=1,824	kW = 3,530	kW=6,914	kW=2,014	kW=6,110
Significance		P=0.402	P=0.171	P=0.032	P=0.365	P=0.047
Number of applications per day						
0-600 applications	65	12.93(12.00-14.00)	16.06(15.00-18.00)	18.55(17.00-21.00)	18.49(18.00-20.00)	20.92(20.00-25.00)
601-2000 applications	69	12.97(13.00-14.00)	16.07(15.50-18.00)	18.02(16.50-20.00)	18.00(18.00-20.00)	22.13(20.50-26.00)
2001 and ↑ application	76	12.89(12.00-14.00)	16.22(15.00-18.00)	19.15(18.00-21.00)	18.60(18.00-20.00)	21.86(20.00-25.00)
Test		KW=0.381	KW=0.521	kW=7,542	KW=0.565	kW=2,048
Significance		P=0.827	P=0.771	P=0.023	P=0.754	P=0.359

U: Mann Whitney U, KW: Kruskal Wallis H

Table 2. Continued

Descriptive characteristics	S	Continuity of essential services provided	Human Resources	Logistics and supply management	Post-disaster recovery	Total
Number of patients per day per physician						
0-20 patients	110	13.64(12.00-16.00)	22.49(21.00-24.25)	17.56(17.00-20.00)	15.78(15.00-18.00)	156.60(151.75-171.00)
21 and ↑ patients	100	13.92(13.00-16.00)	22.47(20.00-25.00)	17.68(17.00-20.00)	14.71(12.25-18.00)	157.10(150.00-170.00)
Test		U=5497.00	U=5269,00	U=5283.00	U=4416.50	U=5442,00
Significance		P=0.994	P=0.595	P=0.607	P=0.010	P=0.895
Number of patients per day per nurse						
1-8 patients	112	14.03(13.00-16.00)	22.87(21.00-25.00)	17.82(17.00-20.00)	15.88(15.00-18.00)	158.83(154.25-171.75)
9 and ↑ patients	98	13.47(12.00-16.00)	22.03(20.00-25.00)	17.38(16.00-20.00)	14.57(12.00-18.00)	154.55(145.25-168.00)
Test		U=4708,00	U=4778.50	U=4419,00	U=4213.00	U=4459.50
Significance		P=0.067	P=0.102	P=0.011	P=0.002	P=0.019

U: Mann Whitney U, KW: Kruskal Wallis H