

Values Across All Replications

Emergency Department Modeal 1

Replications: 10

Time Units: Hours

Key Performance Indicators

System	Average
Number Out	3,789

Emergency Department Model 1

Replications: 10 Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Acute	0.00	.00	0.00	0.00	0.00	0.00
Minor	0.00	.00	0.00	0.00	0.00	0.00
Patient	0.00	.00	0.00	0.00	0.00	0.00
SubAcute	0.00	.00	0.00	0.00	0.00	0.00
NVA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Acute	0.00	.00	0.00	0.00	0.00	0.00
Minor	0.00	.00	0.00	0.00	0.00	0.00
Patient	0.00	.00	0.00	0.00	0.00	0.00
SubAcute	0.00	.00	0.00	0.00	0.00	0.00
Wait Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Acute	1.8389	.13	1.5562	2.1454	0.00	17.3275
Minor	3.4884	.24	2.7200	3.9023	0.00	22.4952
Patient	0.0944	.01	0.06823719	0.1053	0.00	0.4434
SubAcute	2.0166	.13	1.5548	2.2287	0.00	22.1045
Transfer Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Acute	0.00	.00	0.00	0.00	0.00	0.00
Minor	0.00	.00	0.00	0.00	0.00	0.00
Patient	0.00	.00	0.00	0.00	0.00	0.00
SubAcute	0.00	.00	0.00	0.00	0.00	0.00
Other Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Acute	1.3741	.02	1.3295	1.4070	0.4556	2.6202
Minor	0.9241	.01	0.8986	0.9444	0.5050	2.1042
Patient	0.1825	.00	0.1787	0.1869	0.05913708	0.3637
SubAcute	0.9191	.00	0.9129	0.9271	0.5085	2.1020
Total Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Acute	3.2131	.14	2.9228	3.5078	0.6852	19.6442
Minor	4.4125	.25	3.6186	4.8362	0.5508	24.1444
Patient	0.2768	.01	0.2490	0.2887	0.07112827	0.6524
SubAcute	2.9357	.13	2.4819	3.1416	0.5085	23.8556

Other

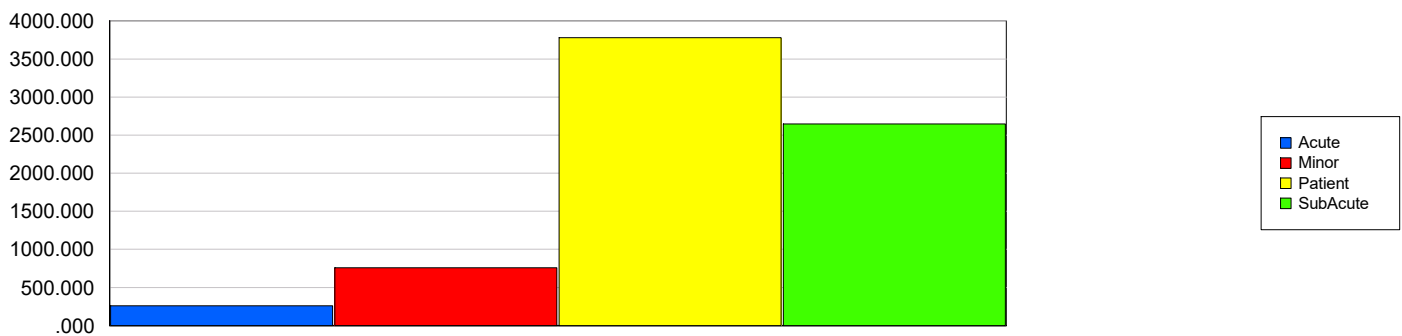
Emergency Department Model 1

Replications: 10 Time Units: Hours

Entity

Other

Number In	Average	Half Width	Minimum Average	Maximum Average
Acute	258.20	8.33	236.00	275.00
Minor	758.70	19.94	720.00	810.00
Patient	3781.20	30.01	3718.00	3855.00
SubAcute	2644.90	26.75	2597.00	2705.00



Number Out	Average	Half Width	Minimum Average	Maximum Average
Acute	258.80	8.03	238.00	276.00
Minor	759.60	21.88	713.00	821.00
Patient	3781.60	30.13	3718.00	3858.00
SubAcute	2650.50	28.82	2591.00	2722.00

WIP	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Acute	1.1256	.07	0.9673	1.2854	0.00	8.0000
Minor	4.6526	.28	3.8208	5.1135	0.00	32.0000
Patient	1.5381	.02	1.5092	1.5853	0.00	12.0000
SubAcute	10.4515	.53	8.5955	11.1808	0.00	60.0000

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Queue

Time

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Medical Personnel Resource.Queue	0.8128	.04	0.6793	0.8687	0.00	18.0537
Seize a Bed.Queue	0.5193	.09	0.2565	0.7132	0.00	8.1463

Other

Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Medical Personnel Resource.Queue	10.2982	.49	8.6221	10.9375	0.00	47.0000
Seize a Bed.Queue	2.2398	.42	1.0292	3.0709	0.00	49.0000

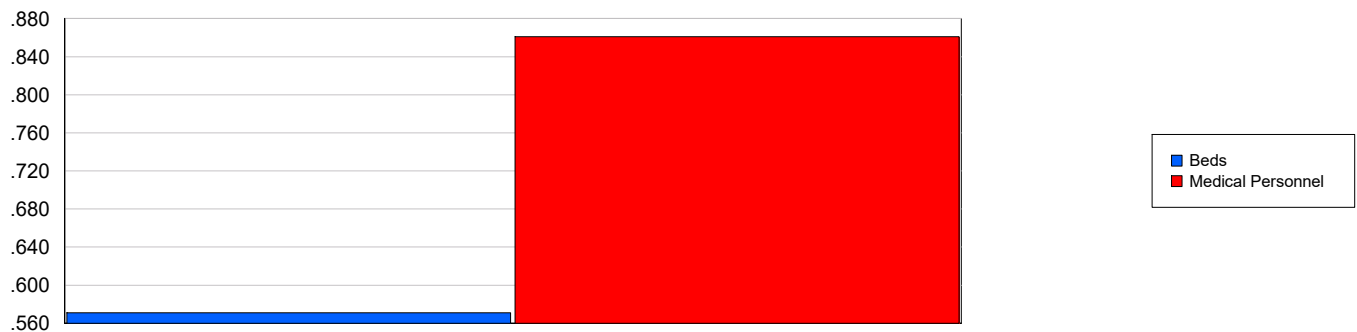
Emergency Department Model 1

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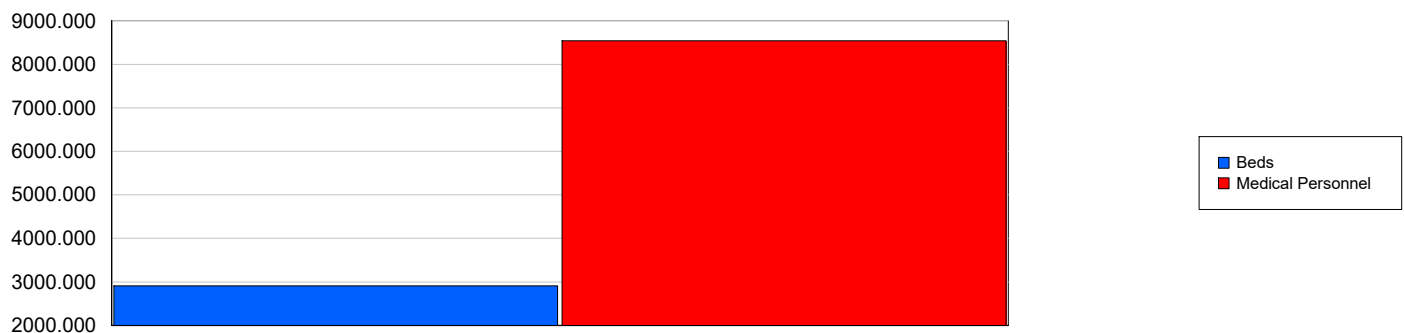
Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Beds	0.5708	.01	0.5214	0.5892	0.00	1.0000
Medical Personnel	0.8609	.01	0.8437	0.8794	0.00	1.0000
Number Busy	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Beds	9.1332	.21	8.3428	9.4278	0.00	16.0000
Medical Personnel	4.3045	.04	4.2184	4.3969	0.00	5.0000
Number Scheduled	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Beds	16.0000	.00	16.0000	16.0000	16.0000	16.0000
Medical Personnel	5.0000	.00	5.0000	5.0000	5.0000	5.0000
Scheduled Utilization	Average	Half Width	Minimum Average	Maximum Average		
Beds	0.5708	.01	0.5214	0.5892		
Medical Personnel	0.8609	.01	0.8437	0.8794		



Total Number Seized	Average	Half Width	Minimum Average	Maximum Average
Beds	2907.30	23.98	2850.00	2950.00
Medical Personnel	8539.70	65.74	8416.00	8726.00



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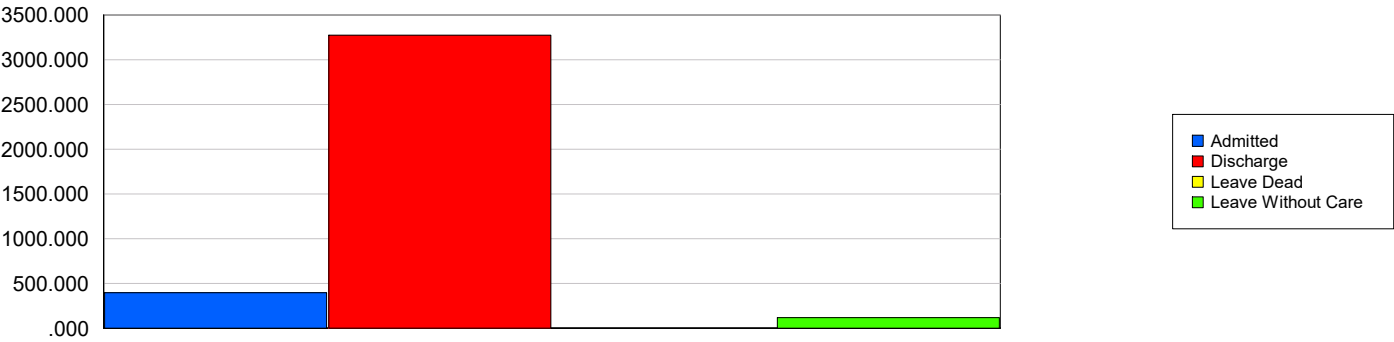
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User Specified

Counter

Count	Average	Half Width	Minimum Average	Maximum Average
Admitted	395.90	11.68	362.00	422.00
Discharge	3272.90	35.23	3220.00	3393.00
Leave Dead	0.1000	.23	0.00	1.0000
Leave Without Care	119.80	7.13	104.00	139.00



Output

Output	Average	Half Width	Minimum Average	Maximum Average
total time	3.2608	.14	2.7494	3.4370
wait time	2.3086	.14	1.7982	2.4886

