

Values Across All Replications

Emergency Department Model 1

Replications: 10 Time Units: Hours

Key Performance Indicators

System	Average
Number Out	3,770

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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	0.5829	.11	0.3411	0.8270	0.00	10.8153
Minor	1.0917	.11	0.8962	1.2923	0.00	13.5780
Patient	0.04910430	.01	0.03420501	0.06514146	0.00	0.4066
SubAcute	0.6422	.08	0.4757	0.8338	0.00	12.0540
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	1.3790	.02	1.3400	1.4148	0.5133	2.7434
Minor	0.9300	.01	0.9091	0.9628	0.5228	2.0393
Patient	0.1846	.00	0.1775	0.1948	0.07972741	0.3548
SubAcute	0.9280	.00	0.9161	0.9353	0.5137	2.0850
Total Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Acute	1.9619	.11	1.6811	2.2194	0.5133	13.0314
Minor	2.0216	.11	1.8295	2.2257	0.5237	15.2111
Patient	0.2337	.01	0.2134	0.2527	0.07972741	0.6160
SubAcute	1.5703	.08	1.4071	1.7499	0.5137	13.8027

Other

Values Across All Replications

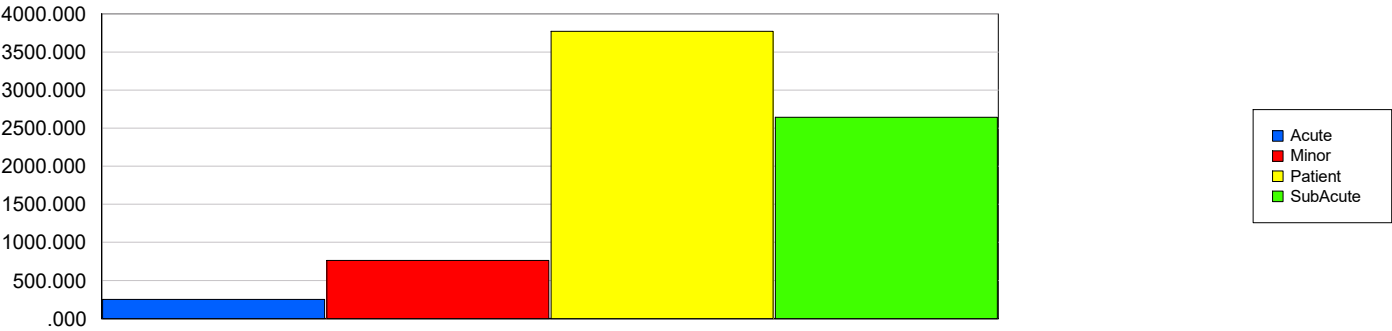
Emergency Department Model 1

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Entity

Other

Number In	Average	Half Width	Minimum Average	Maximum Average
Acute	251.50	13.53	222.00	289.00
Minor	760.50	18.74	737.00	809.00
Patient	3769.10	40.46	3688.00	3841.00
SubAcute	2642.70	38.98	2558.00	2714.00



Number Out	Average	Half Width	Minimum Average	Maximum Average
Acute	251.70	13.38	223.00	289.00
Minor	760.40	18.91	737.00	810.00
Patient	3769.40	40.45	3689.00	3841.00
SubAcute	2643.20	38.94	2556.00	2714.00

WIP	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Acute	0.6481	.06	0.5654	0.8554	0.00	7.0000
Minor	2.0283	.15	1.7617	2.3008	0.00	20.0000
Patient	1.3097	.02	1.2476	1.3536	0.00	14.0000
SubAcute	5.2583	.34	4.4816	5.9644	0.00	41.0000

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Queue

Time

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Medical Personnel Resource.Queue	0.2901	.03	0.2252	0.3352	0.00	12.0540
Seize a Bed.Queue	0.07122373	.03	0.02796787	0.1791	0.00	5.0783

Other

Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Medical Personnel Resource.Queue	3.6870	.38	2.8023	4.2643	0.00	35.0000
Seize a Bed.Queue	0.3078	.14	0.1207	0.7837	0.00	31.0000

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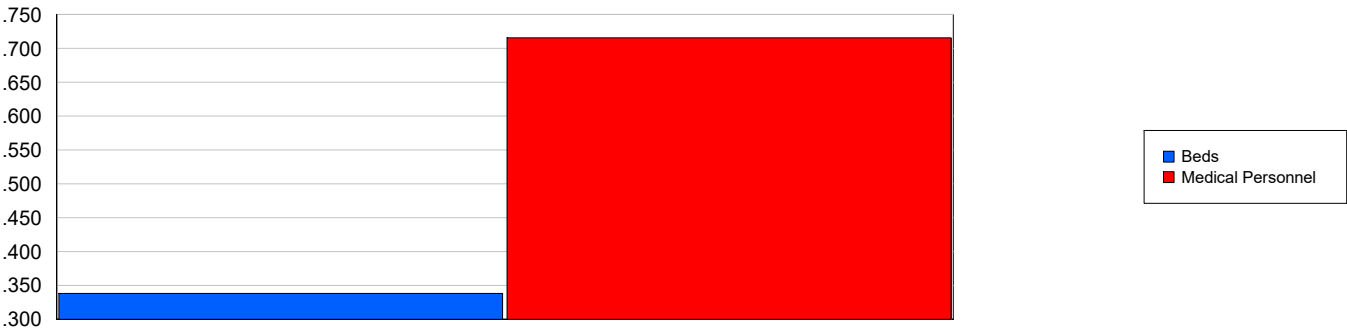
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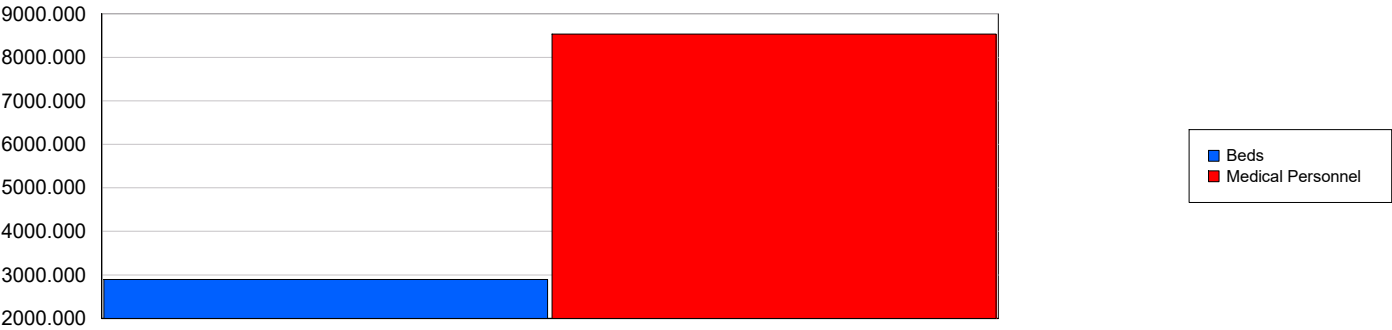
Resource

Usage

Instantaneous Utilization		Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Beds		0.3380	.02	0.2956	0.3690	0.00	1.0000
Medical Personnel		0.7160	.01	0.7014	0.7278	0.00	1.0000
Number Busy		Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Beds		5.4088	.27	4.7292	5.9046	0.00	16.0000
Medical Personnel		4.2957	.05	4.2084	4.3666	0.00	6.0000
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		6.0000	.00	6.0000	6.0000	6.0000	6.0000
Scheduled Utilization		Average	Half Width	Minimum Average	Maximum Average		
Beds		0.3380	.02	0.2956	0.3690		
Medical Personnel		0.7160	.01	0.7014	0.7278		



Total Number Seized		Average	Half Width	Minimum Average	Maximum Average
Beds		2893.60	36.26	2820.00	2951.00
Medical Personnel		8530.70	88.96	8361.00	8673.00



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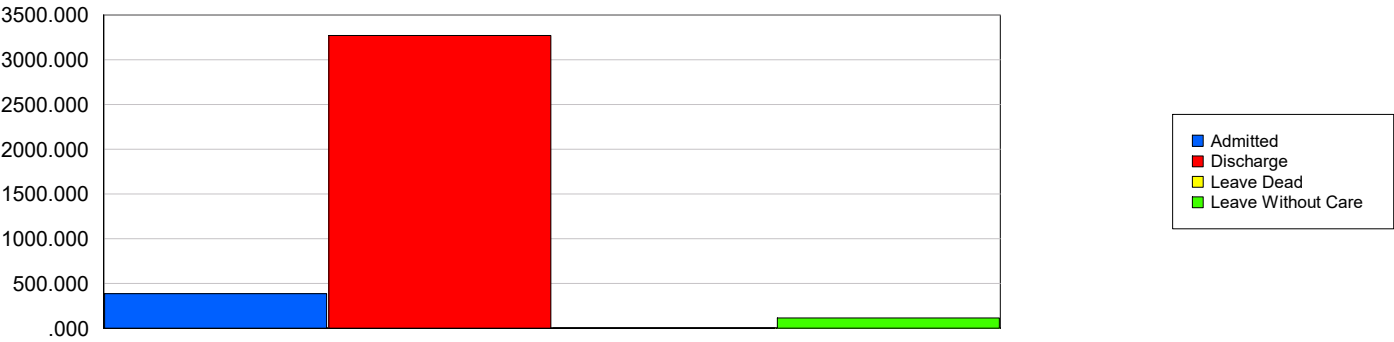
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User Specified

Counter

Count	Average	Half Width	Minimum Average	Maximum Average
Admitted	385.00	11.07	365.00	406.00
Discharge	3269.60	42.61	3198.00	3380.00
Leave Dead	0.7000	.48	0.00	2.0000
Leave Without Care	114.70	10.59	96.0000	142.00



Output

Output	Average	Half Width	Minimum Average	Maximum Average
total time	1.6914	.09	1.5152	1.8784
wait time	0.7319	.09	0.5525	0.9155

