

Values Across All Replications

Emergency Department Model 1

Replications: 10 Time Units: Hours

Key Performance Indicators

System	Average
Number Out	3,747

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	0.08454202	.00	0.07864669	0.0910	0.00	0.3091
Minor	0.1032	.00	0.1007	0.1076	0.00	0.3156
Patient	0.03960621	.00	0.02574293	0.04592831	0.00	0.1614
SubAcute	0.1034	.00	0.1016	0.1060	0.00	0.3210
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	0.08618394	.01	0.07042461	0.1085	0.00	5.2474
Minor	0.0984	.02	0.06227321	0.1363	0.00	5.6784
Patient	0.01365023	.00	0.00751146	0.02071157	0.00	0.4253
SubAcute	0.07017547	.01	0.05187763	0.0923	0.00	7.4611
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	1.0395	.03	0.9848	1.1526	0.1946	2.6496
Minor	0.4309	.01	0.4192	0.4574	0.00	2.0103
Patient	0.1143	.01	0.0985	0.1387	0.00	0.3538
SubAcute	0.4303	.01	0.4148	0.4405	0.00	2.0485
Total Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Acute	1.2102	.03	1.1518	1.3065	0.3552	7.2984
Minor	0.6325	.02	0.5856	0.6852	0.1189	6.6935
Patient	0.1676	.01	0.1602	0.1851	0.05130308	0.6645
SubAcute	0.6039	.01	0.5827	0.6334	0.1117	9.3049

Other

Values Across All Replications

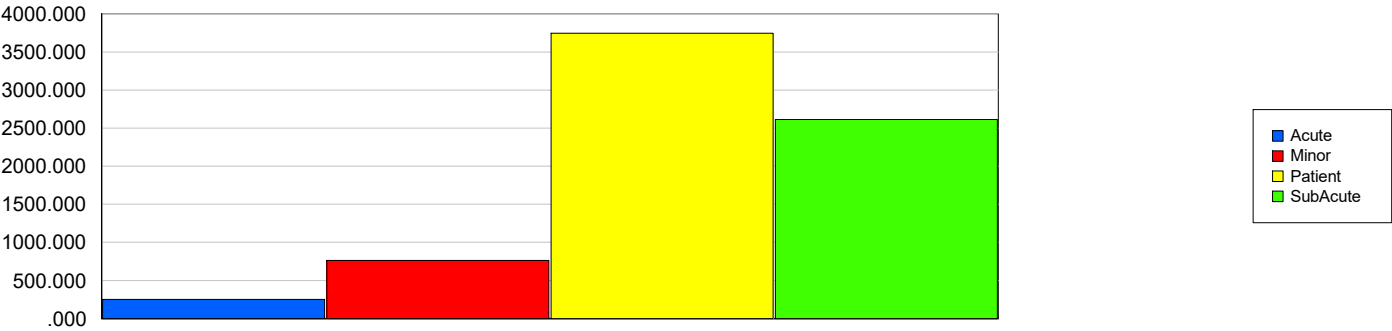
Emergency Department Model 1

Replications: 10 Time Units: Hours

Entity

Other

Number In	Average	Half Width	Minimum Average	Maximum Average
Acute	250.90	9.29	229.00	268.00
Minor	762.20	19.26	721.00	806.00
Patient	3746.60	34.31	3671.00	3817.00
SubAcute	2614.40	28.84	2553.00	2685.00



Number Out	Average	Half Width	Minimum Average	Maximum Average
Acute	251.00	9.27	229.00	268.00
Minor	762.30	19.34	721.00	806.00
Patient	3746.70	34.74	3669.00	3818.00
SubAcute	2614.50	28.41	2553.00	2684.00

WIP	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Acute	0.3903	.02	0.3464	0.4534	0.00	5.0000
Minor	0.5280	.03	0.4700	0.5985	0.00	10.0000
Patient	0.9389	.01	0.9046	0.9633	0.00	10.0000
SubAcute	1.6921	.04	1.6115	1.7793	0.00	17.0000

Values Across All Replications

Emergency Department Model 1

Replications: 10 Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Medical Personnel Resource.Queue	0.06305523	.01	0.04580870	0.08250320	0.00	7.4483
ML Assesment.Queue	0.00	.00	0.00	0.00	0.00	0.00
ML Triage.Queue	0.00	.00	0.00	0.00	0.00	0.00
Seize a Bed.Queue	0.00003259	.00	0.00	0.00032595	0.00	0.3882

Other

Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Medical Personnel Resource.Queue	0.4194	.06	0.3093	0.5544	0.00	20.0000
ML Assesment.Queue	0.00	.00	0.00	0.00	0.00	0.00
ML Triage.Queue	0.00	.00	0.00	0.00	0.00	0.00
Seize a Bed.Queue	0.00013862	.00	0.00	0.00138624	0.00	3.0000

Emergency Department Model 1

Replications: 10 Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Beds	0.1189	.00	0.1135	0.1253	0.00	1.0000
Medical Personnel	0.4076	.01	0.3955	0.4174	0.00	1.0000
ML Station	0.5579	.00	0.5468	0.5659	0.00	1.0000
Number Busy	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Beds	1.9026	.04	1.8160	2.0049	0.00	16.0000
Medical Personnel	2.0379	.03	1.9773	2.0872	0.00	5.0000
ML Station	0.5579	.00	0.5468	0.5659	0.00	1.0000
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
ML Station	1.0000	.00	1.0000	1.0000	1.0000	1.0000
Scheduled Utilization	Average	Half Width	Minimum Average	Maximum Average		
Beds	0.1189	.00	0.1135	0.1253		
Medical Personnel	0.4076	.01	0.3955	0.4174		
ML Station	0.5579	.00	0.5468	0.5659		



Values Across All Replications

Emergency Department Model 1

Replications: 10 Time Units: Hours

Resource

Usage

Total Number Seized	Average	Half Width	Minimum Average	Maximum Average
Beds	2865.00	27.78	2818.00	2942.00
Medical Personnel	4465.60	60.46	4360.00	4578.00
ML Station	3741.70	23.87	3686.00	3788.00



Values Across All Replications

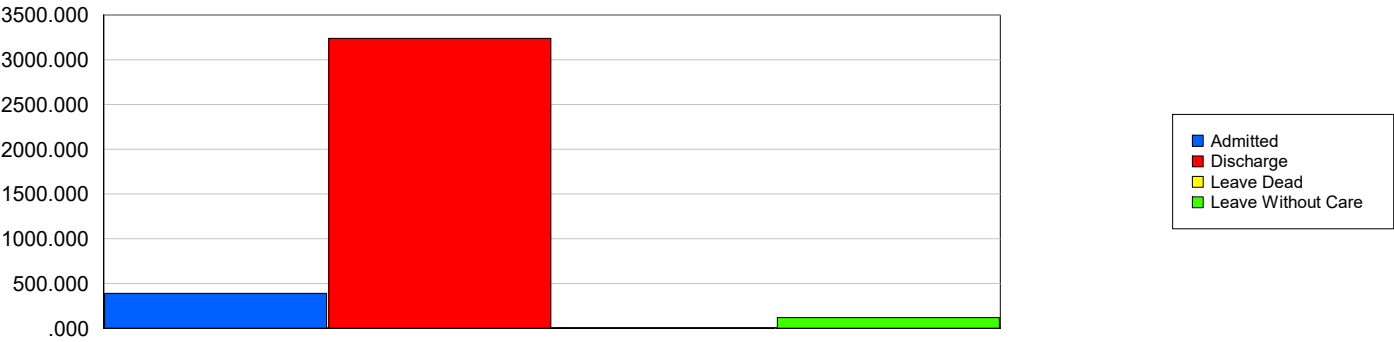
Emergency Department Model 1

Replications: 10 Time Units: Hours

User Specified

Counter

Count	Average	Half Width	Minimum Average	Maximum Average
Admitted	388.90	13.32	364.00	426.00
Discharge	3238.50	30.40	3176.00	3297.00
Leave Dead	0.4000	.50	0.00	2.0000
Leave Without Care	119.20	5.33	109.00	130.00



Output

Output	Average	Half Width	Minimum Average	Maximum Average
total time	0.6519	.01	0.6260	0.6878
waiting time	0.07719485	.01	0.05718522	0.1022

