Emergency Treatment in Hospital

Replications: 1   Time Units: Hours

Key Performance Indicators

System

	Average
Number Out	29

Emergency Treatment in Hospital

Replications: 1   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum Value	Maximum Value
Patients	0.8517	(Insufficient)	0.5146	1.1098

NVA Time	Average	Half Width	Minimum Value	Maximum Value
Patients	0.00	(Insufficient)	0.00	0.00

Wait Time	Average	Half Width	Minimum Value	Maximum Value
Patients	5.8918	(Insufficient)	0.1820	14.0135

Transfer Time	Average	Half Width	Minimum Value	Maximum Value
Patients	0.00	(Insufficient)	0.00	0.00

Other Time	Average	Half Width	Minimum Value	Maximum Value
Patients	0.04040400	(Insufficient)	0.00	0.1944

Total Time	Average	Half Width	Minimum Value	Maximum Value
Patients	6.7839	(Insufficient)	1.1451	14.9649

Other

Number In	Value
Patients	145.00

Number Out	Value
Patients	29.0000

WIP	Average	Half Width	Minimum Value	Maximum Value
Patients	54.6549	(Insufficient)	0.00	116.00

Emergency Treatment in Hospital

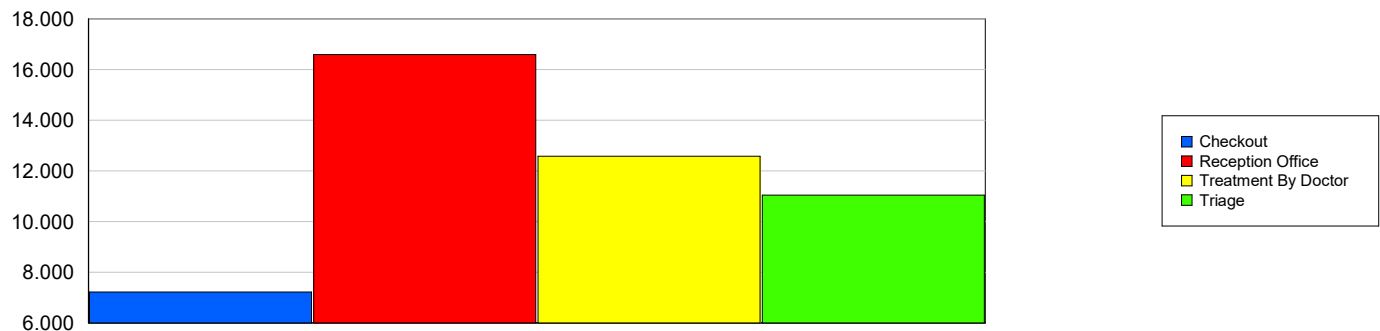Replications: 1   Time Units: Hours

Process

Time per Entity

VA Time Per Entity	Average	Half Width	Minimum Value	Maximum Value
Checkout	0.2489	(Insufficient)	0.1672	0.3331
Reception Office	0.1495	(Insufficient)	0.1005	0.1972
Treatment By Doctor	0.3401	(Insufficient)	0.0978	0.4996
Triage	0.1315	(Insufficient)	0.05454328	0.2256

Wait Time Per Entity	Average	Half Width	Minimum Value	Maximum Value
Checkout	2.7332	(Insufficient)	0.1820	5.4811
Reception Office	3.3961	(Insufficient)	0.00	5.5044
Treatment By Doctor	1.3964	(Insufficient)	0.00	4.5081
Triage	1.8477	(Insufficient)	0.00	4.9179

Total Time Per Entity	Average	Half Width	Minimum Value	Maximum Value
Checkout	2.9822	(Insufficient)	0.5149	5.6483
Reception Office	3.5456	(Insufficient)	0.1157	5.6514
Treatment By Doctor	1.7365	(Insufficient)	0.1720	4.9379
Triage	1.9792	(Insufficient)	0.06973100	5.0341

Accumulated Time

Accum VA Time	Value
Checkout	7.2188
Reception Office	16.5902
Treatment By Doctor	12.5846
Triage	11.0461

Emergency Treatment in Hospital
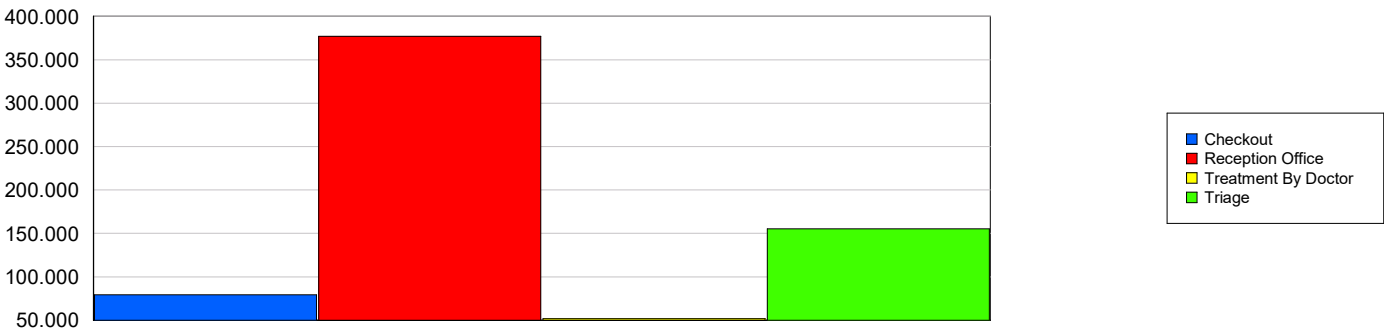
Replications: 1   Time Units: Hours

Process

Accumulated Time

Accum Wait Time

	Value
Checkout	79.2635
Reception Office	376.97
Treatment By Doctor	51.6655
Triage	155.21

- ■ Checkout
- ■ Reception Office
- ■ Treatment By Doctor
- ■ Triage

Other

Number In

	Value
Checkout	37.0000
Reception Office	145.00
Treatment By Doctor	84.0000
Triage	111.00
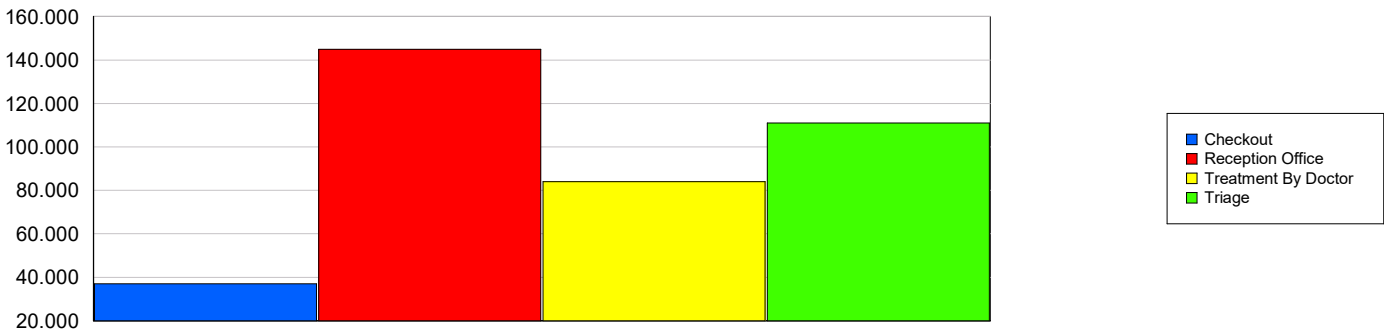
- ■ Checkout
- ■ Reception Office
- ■ Treatment By Doctor
- ■ Triage

Emergency Treatment in Hospital

Replications: 1   Time Units: Hours

Process

Other

Number Out

	Value
Checkout	29.0000
Reception Office	111.00
Treatment By Doctor	37.0000
Triage	84.0000

Queue

Time

Waiting Time

	Average	Half Width	Minimum Value	Maximum Value
Checkout.Queue	2.8277	(Insufficient)	0.1820	5.5665
Reception Office.Queue	3.3961	(Insufficient)	0.00	5.5044
Treatment By Doctor.Queue	1.4890	(Insufficient)	0.00	4.9183
Triage.Queue	1.8477	(Insufficient)	0.00	4.9179
Waiting Room.Queue	0.01101449	(Insufficient)	0.00	0.0984

Other

Number Waiting

	Average	Half Width	Minimum Value	Maximum Value
Checkout.Queue	4.2470	(Insufficient)	0.00	8.0000
Reception Office.Queue	19.8036	(Insufficient)	0.00	35.0000
Treatment By Doctor.Queue	19.0874	(Insufficient)	0.00	46.0000
Triage.Queue	9.2501	(Insufficient)	0.00	27.0000
Waiting Room.Queue	0.02065216	(Insufficient)	0.00	1.0000

Emergency Treatment in Hospital

Replications: 1   Time Units: Hours

Resource

Usage

Instantaneous Utilization

	Average	Half Width	Minimum Value	Maximum Value
Doctor	0.9904	(Insufficient)	0.00	1.0000
Nurse	0.2579	(Insufficient)	0.00	1.0000
Receptionist	0.9979	(Insufficient)	0.00	1.0000

Number Busy

	Average	Half Width	Minimum Value	Maximum Value
Doctor	0.9904	(Insufficient)	0.00	1.0000
Nurse	0.2579	(Insufficient)	0.00	1.0000
Receptionist	0.9979	(Insufficient)	0.00	1.0000

Number Scheduled

	Average	Half Width	Minimum Value	Maximum Value
Doctor	1.0000	(Insufficient)	1.0000	1.0000
Nurse	1.0000	(Insufficient)	1.0000	1.0000
Receptionist	1.0000	(Insufficient)	1.0000	1.0000

Scheduled Utilization

	Value
Doctor	0.9904
Nurse	0.2579
Receptionist	0.9979

Emergency Treatment in Hospital

Replications: 1   Time Units: Hours

Resource

Usage

Total Number Seized

	Value
Doctor	122.00
Nurse	45.0000
Receptionist	141.00
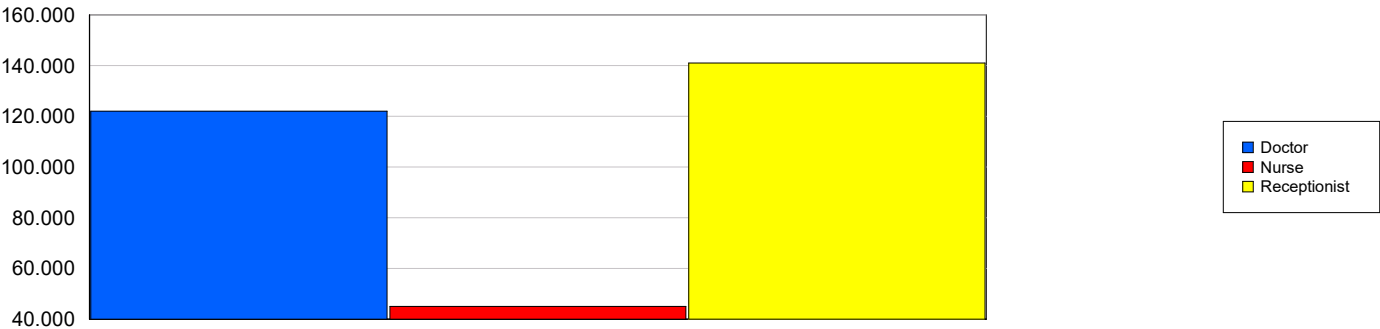
Emergency Treatment in Hospital

Replications: 1   Time Units: Hours

User Specified

Tally

Interval	Average	Half Width	Minimum Value	Maximum Value
Patient Arrival Time	6.7839	(Insufficient)	1.1451	14.9649

Counter

Count	Value
Patients Departure	29.0000

Output

Output	Value
Patient Daily Throughput	14.5000

Unnamed Project

Replications: 1   Time Units: Hours

Unnamed Project

Replications: 1   Time Units: Hours

Key Performance Indicators

System

	Average
Number Out	23

Unnamed Project

Replications: 1   Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum Value	Maximum Value
Patients	0.7663	(Insufficient)	0.5244	1.1005

NVA Time	Average	Half Width	Minimum Value	Maximum Value
Patients	0.00	(Insufficient)	0.00	0.00

Wait Time	Average	Half Width	Minimum Value	Maximum Value
Patients	7.3243	(Insufficient)	0.4571	12.2883

Transfer Time	Average	Half Width	Minimum Value	Maximum Value
Patients	0.00	(Insufficient)	0.00	0.00

Other Time	Average	Half Width	Minimum Value	Maximum Value
Patients	0.0919	(Insufficient)	0.00	0.1893

Total Time	Average	Half Width	Minimum Value	Maximum Value
Patients	8.1825	(Insufficient)	1.2397	13.0704

Other

Number In	Value
Patients	106.00

Number Out	Value
Patients	23.0000

WIP	Average	Half Width	Minimum Value	Maximum Value
Patients	46.6958	(Insufficient)	0.00	84.0000

Unnamed Project

Replications: 1   Time Units: Hours

Process

Time per Entity

VA Time Per Entity

	Average	Half Width	Minimum Value	Maximum Value
Checkout	0.2383	(Insufficient)	0.1683	0.3243
Reception Office	0.1514	(Insufficient)	0.1010	0.1998
Treatment By Doctor	0.2743	(Insufficient)	0.08936074	0.4833
Triage	0.1335	(Insufficient)	0.06010853	0.2433

Wait Time Per Entity

	Average	Half Width	Minimum Value	Maximum Value
Checkout	3.3903	(Insufficient)	0.4571	6.0943
Reception Office	2.6346	(Insufficient)	0.00	5.9045
Treatment By Doctor	2.3875	(Insufficient)	0.00	4.7393
Triage	2.0555	(Insufficient)	0.00	4.2488

Total Time Per Entity

	Average	Half Width	Minimum Value	Maximum Value
Checkout	3.6285	(Insufficient)	0.7528	6.2888
Reception Office	2.7860	(Insufficient)	0.1359	6.0664
Treatment By Doctor	2.6618	(Insufficient)	0.1629	4.8741
Triage	2.1891	(Insufficient)	0.07797716	4.3366

Accumulated Time

Accum VA Time

	Value
Checkout	5.4802
Reception Office	10.4481
Treatment By Doctor	8.2293
Triage	7.3436
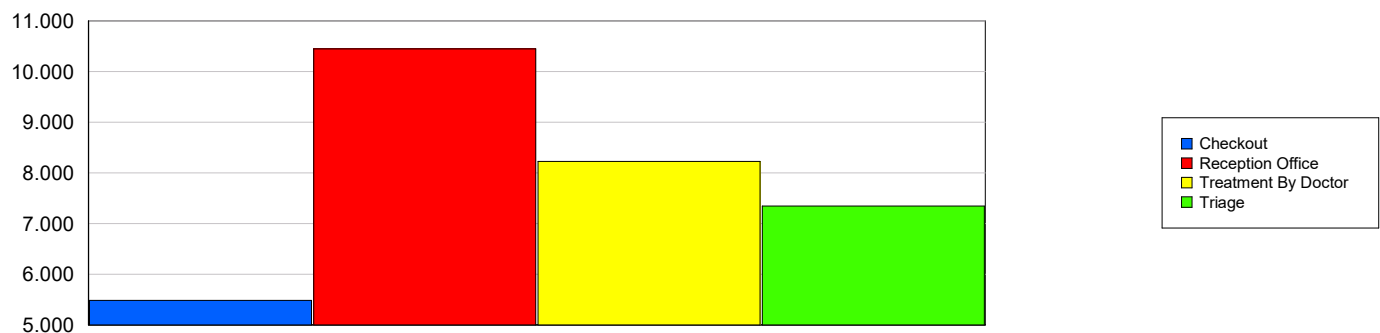
Unnamed Project

Replications: 1   Time Units: Hours

Process

Accumulated Time

Accum Wait Time

	Value
Checkout	77.9765
Reception Office	181.79
Treatment By Doctor	71.6257
Triage	113.05
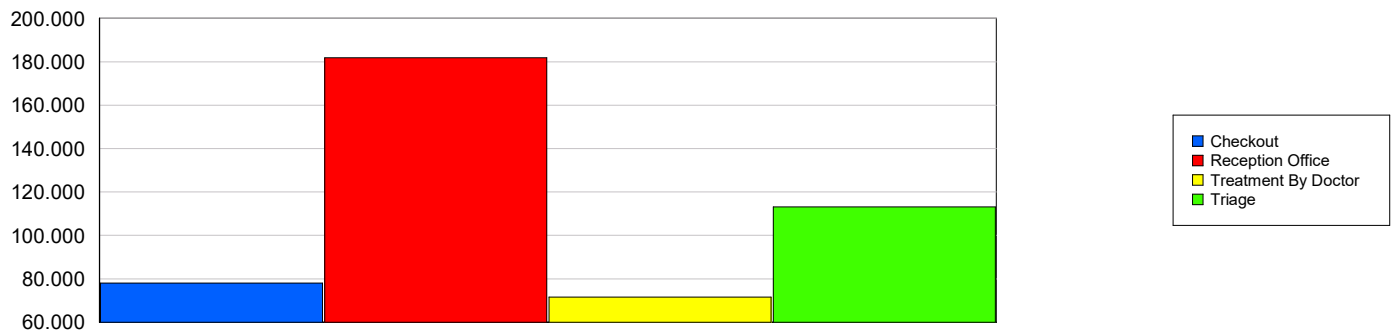
Other

Number In

	Value
Checkout	30.0000
Reception Office	106.00
Treatment By Doctor	55.0000
Triage	69.0000
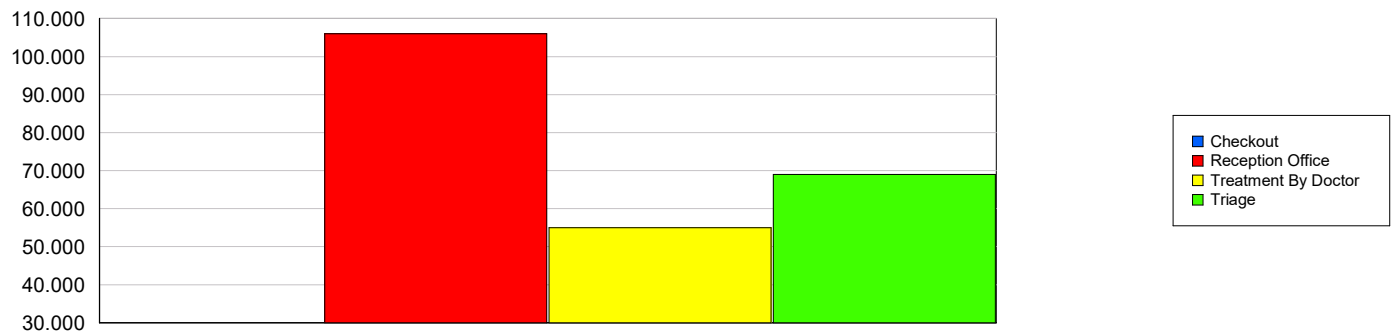
Unnamed Project

Replications: 1   Time Units: Hours

Process

Other

Number Out	Value
Checkout	23.0000
Reception Office	69.0000
Treatment By Doctor	30.0000
Triage	55.0000

Queue

Time

Waiting Time	Average	Half Width	Minimum Value	Maximum Value
Checkout.Queue	3.3903	(Insufficient)	0.4571	6.0943
Reception Office.Queue	2.6819	(Insufficient)	0.00	5.9478
Treatment By Doctor.Queue	2.4426	(Insufficient)	0.00	4.7393
Triage.Queue	2.0555	(Insufficient)	0.00	4.2488
Waiting Room.Queue	0.01170278	(Insufficient)	0.00	0.1405

Other

Number Waiting	Average	Half Width	Minimum Value	Maximum Value
Checkout.Queue	5.7670	(Insufficient)	0.00	12.0000
Reception Office.Queue	18.6967	(Insufficient)	0.00	38.0000
Treatment By Doctor.Queue	10.8917	(Insufficient)	0.00	24.0000
Triage.Queue	8.9993	(Insufficient)	0.00	18.0000
Waiting Room.Queue	0.02633125	(Insufficient)	0.00	1.0000

Unnamed Project

Replications: 1   Time Units: Hours

Resource

Usage

Instantaneous Utilization

	Average	Half Width	Minimum Value	Maximum Value
Doctor	0.9846	(Insufficient)	0.00	1.0000
Nurse	0.3302	(Insufficient)	0.00	1.0000
Receptionist	1.0000	(Insufficient)	0.00	1.0000

Number Busy

	Average	Half Width	Minimum Value	Maximum Value
Doctor	0.9846	(Insufficient)	0.00	1.0000
Nurse	0.3302	(Insufficient)	0.00	1.0000
Receptionist	1.0000	(Insufficient)	0.00	1.0000

Number Scheduled

	Average	Half Width	Minimum Value	Maximum Value
Doctor	1.0000	(Insufficient)	1.0000	1.0000
Nurse	1.0000	(Insufficient)	1.0000	1.0000
Receptionist	1.0000	(Insufficient)	1.0000	1.0000

Scheduled Utilization

	Value
Doctor	0.9846
Nurse	0.3302
Receptionist	1.0000

Unnamed Project

Replications: 1   Time Units: Hours

Resource

Usage

Total Number Seized

	Value
Doctor	86.0000
Nurse	36.0000
Receptionist	93.0000
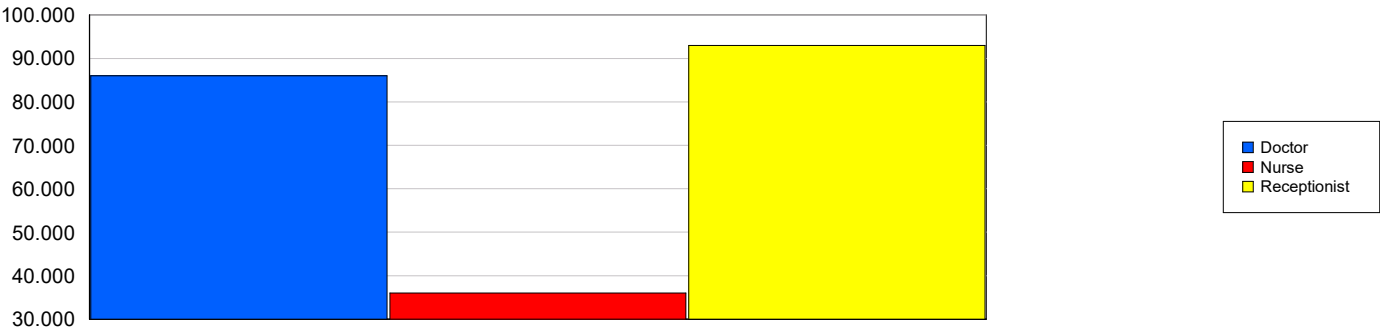
Unnamed Project

Replications: 1   Time Units: Hours

User Specified

Tally

Interval	Average	Half Width	Minimum Value	Maximum Value
Patient Arrival Time	8.1825	(Insufficient)	1.2397	13.0704

Counter

Count	Value
Patients Departure	23.0000

Output

Output	Value
Patient Daily Throughput	11.5000