### Final Exam

Replications: 200 Time Units: Minutes

**Key Performance Indicators** 

System Average
Number Out 75

# **Category Overview**

Values Across All Replications

# Final Exam

Replications: 200 Time Units: Minutes

# Entity

VA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Arrival Patient	43.1741	< 0.15	40.5494	46.6825	21.9607	75.9379
NVA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Arrival Patient	0.00	< 0.00	0.00	0.00	0.00	0.00
Wait Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Arrival Patient	60.7819	< 4.46	11.0164	155.30	0.00	315.31
Transfer Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Arrival Patient	0.00	< 0.00	0.00	0.00	0.00	0.00
Other Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Arrival Patient	0.00	< 0.00	0.00	0.00	0.00	0.00
Total Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Arrival Patient	103.96	< 4.46	54.1955	200.54	22.6272	363.26
Other						
Number In	Average	Half Width	Minimum Average	Maximum Average		
Arrival Patient	87.5450	1.19	67.0000	112.00		
Number Out	Average	Half Width	Minimum Average	Maximum Average		
Arrival Patient	74.6350	0.59	62.0000	83.0000		
WIP	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Arrival Patient	9.3274	< 0.50	3.9012	21.3314	0.00	40.0000

#### Final Exam

Replications: 200 Time Units: Minutes

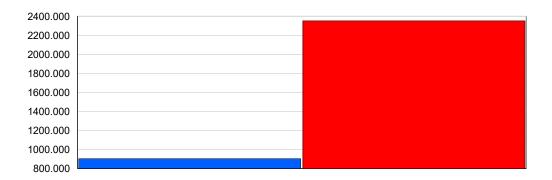
# **Process**

# **Time per Entity**

VA Time Per Entity	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Check In	11.6516	< 0.04	10.9692	12.5532	6.0557	18.9180
Patient Treatment	31.5233	< 0.15	29.1063	35.0951	14.1140	58.5664
Wait Time Per Entity	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Check In	58.4649	< 4.46	7.7680	143.63	0.00	318.73
Patient Treatment	3.6641	< 0.33	0.4849	19.3524	0.00	52.7102
Total Time Per Entity	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Check In	70.1164	< 4.47	18.9092	155.77	6.3456	330.12
Patient Treatment	35.1874	< 0.43	30.2078	53.1958	14.1140	90.4501

#### **Accumulated Time**

Accum VA Time	Average	Half Width	Minimum Average	Maximum Average	
Check In	904.27	6.54	758.45	959.69	
Patient Treatment	2352.39	20.75	1877.22	2707.47	



Check InPatient Treatment

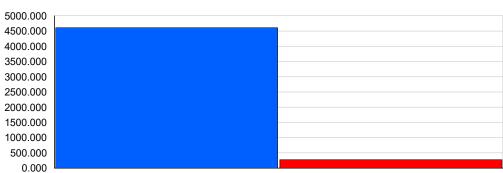
#### Final Exam

Replications: 200 Time Units: Minutes

#### **Process**

#### **Accumulated Time**

Accum Wait Time	Average	Half Width	Minimum Average	Maximum Average
Check In	4609.14	367.32	559.29	11600.54
Patient Treatment	276.87	25.94	32.0035	1548.19

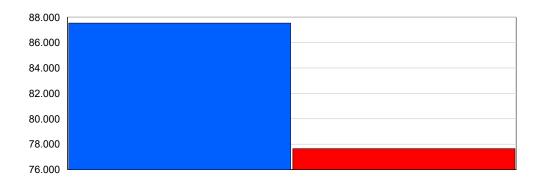


# Check In Patient Treatment

■ Check In■ Patient Treatment

#### Other

Number In	Average	Half Width	Minimum Average	Maximum Average
Check In	87.5450	1.19	67.0000	112.00
Patient Treatment	77.6450	0.60	64.0000	87.0000



Number Out	Average	Half Width	Minimum Average	Maximum Average
Check In	77.6450	0.60	64.0000	87.0000
Patient Treatment	74.6350	0.59	62.0000	83.0000

# **Category Overview**

Values Across All Replications

# Final Exam

Replications: 200 Time Units: Minutes

Queue

### **Time**

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Check In.Queue	58.9277	< 4.50	7.7607	144.87	0.00	329.92
Patient Treatment.Queue	3.7063	< 0.33	0.5549	18.9130	0.00	52.7102
Other						
Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Check In.Queue	5.5743	< 0.48	0.5901	17.4721	0.00	35.0000
Patient Treatment.Queue	0.3058	< 0.03	0.03988369	1.6352	0.00	5.0000

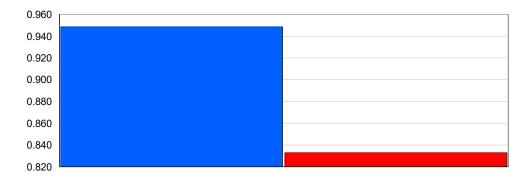
### Final Exam

Replications: 200 Time Units: Minutes

#### Resource

# **Usage**

Instantaneous Utilization	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Check In Nurse	0.9487	< 0.01	0.8004	1.0000	0.00	1.0000
Examination Room	0.8329	< 0.01	0.6760	0.9503	0.00	1.0000
Number Busy	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Check In Nurse	0.9487	< 0.01	0.8004	1.0000	0.00	1.0000
Examination Room	2.4986	< 0.02	2.0281	2.8508	0.00	3.0000
Number Scheduled	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Check In Nurse	1.0000	< 0.00	1.0000	1.0000	1.0000	1.0000
Examination Room	3.0000	< 0.00	3.0000	3.0000	3.0000	3.0000
Scheduled Utilization	Average	Half Width	Minimum Average	Maximum Average		
Check In Nurse	0.9487	0.01	0.8004	1.0000		
Examination Room	0.8329	0.01	0.6760	0.9503		



■ Check In Nurse■ Examination Room

#### Final Exam

Replications: 200 Time Units: Minutes

# Resource

# **Usage**

Total Number Seized	Average	Half Width	Minimum Average	Maximum Average
Check In Nurse	78.6200	0.60	65.0000	88.0000
Examination Room	77.2450	0.59	64.0000	85.0000

