

Final Exam

Replications:200

Time Units:Minutes

Key Performance Indicators

System	Average
Number Out	75

Values Across All Replications

Final Exam

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Entity

Time

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	Minimum Value	Maximum Value
Arrival Patient	87.5450	1.19	67.0000	112.00		
Number Out	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
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

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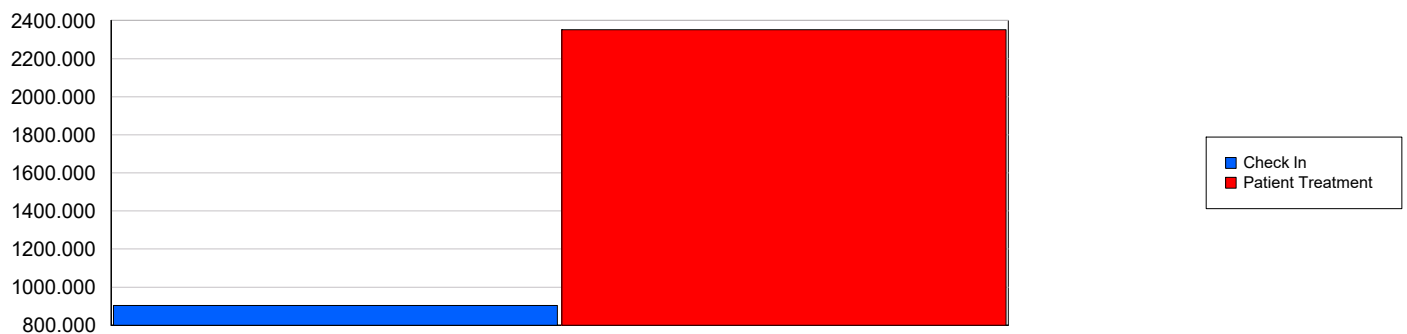
Process

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



Values Across All Replications

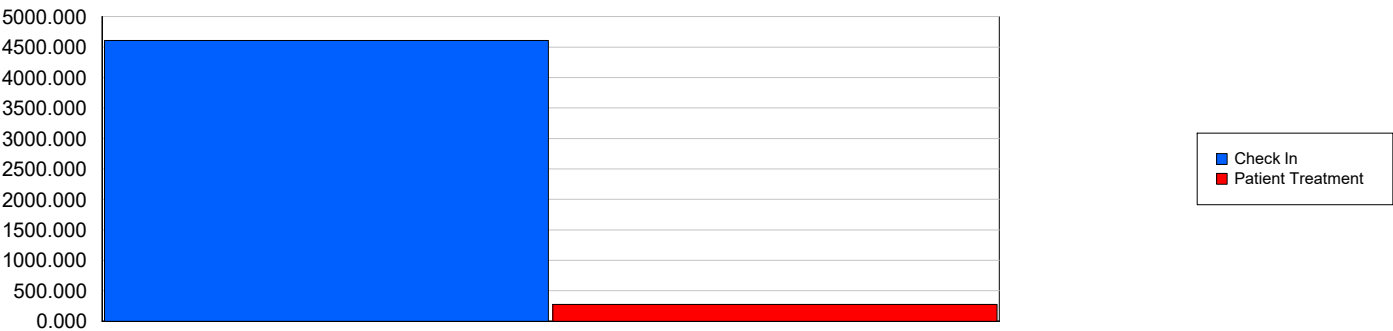
Final Exam

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Process

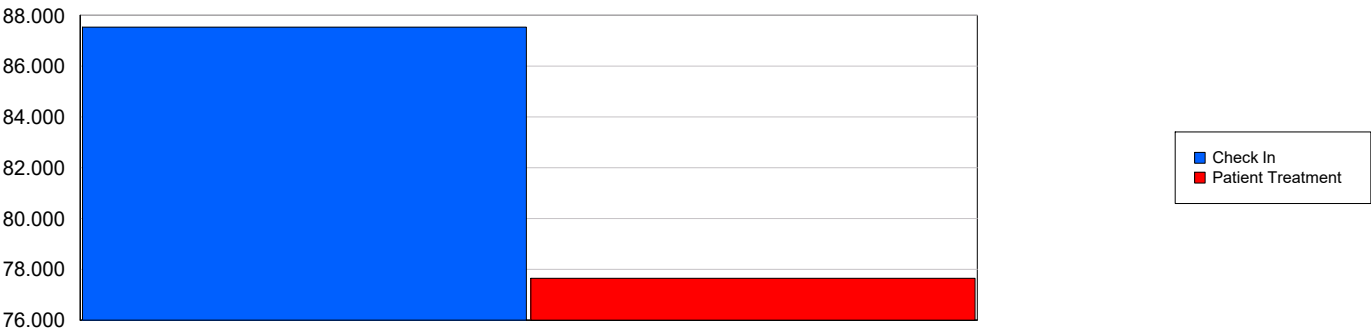
Accumulated Time

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



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

Values Across All Replications

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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

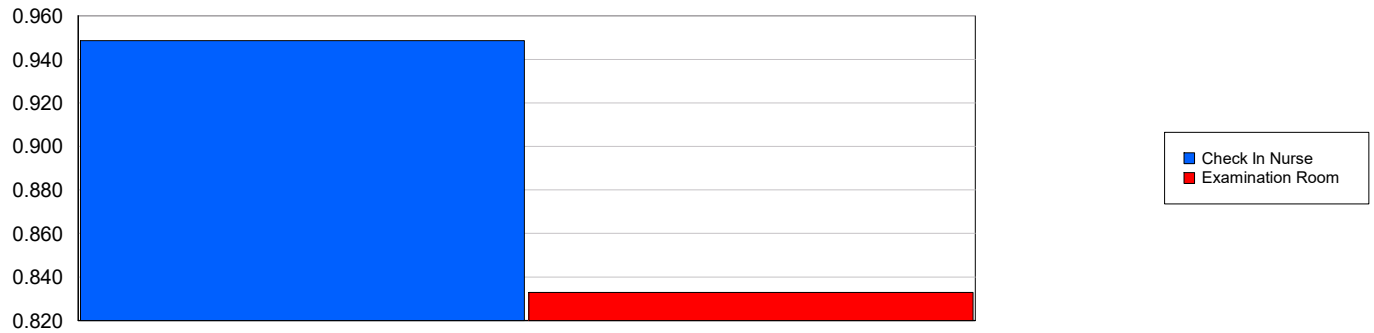
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Resource

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		



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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

