

SM Project Simulation 1

Replications:1

Time Units:Minutes

Key Performance Indicators

System	Average
Number Out	240

SM Project Simulation 1

Replications: 1 Time Units: Minutes

Entity

Time

VA Time	Average	Half Width	Minimum Value	Maximum Value
CustomerA	11.8426	(Insufficient)	10.7743	13.1610
CustomerB	11.9993	(Insufficient)	10.8756	13.1513
CustomerC	11.9431	(Insufficient)	10.8825	13.1909
NVA Time	Average	Half Width	Minimum Value	Maximum Value
CustomerA	0.00	(Insufficient)	0.00	0.00
CustomerB	0.00	(Insufficient)	0.00	0.00
CustomerC	0.00	(Insufficient)	0.00	0.00
Wait Time	Average	Half Width	Minimum Value	Maximum Value
CustomerA	16.8587	(Insufficient)	0.00	47.1759
CustomerB	38.9849	(Insufficient)	0.00	81.4152
CustomerC	21.1952	(Insufficient)	0.00	90.2319
Transfer Time	Average	Half Width	Minimum Value	Maximum Value
CustomerA	0.00	(Insufficient)	0.00	0.00
CustomerB	0.00	(Insufficient)	0.00	0.00
CustomerC	0.00	(Insufficient)	0.00	0.00
Other Time	Average	Half Width	Minimum Value	Maximum Value
CustomerA	0.00	(Insufficient)	0.00	0.00
CustomerB	0.00	(Insufficient)	0.00	0.00
CustomerC	0.00	(Insufficient)	0.00	0.00
Total Time	Average	Half Width	Minimum Value	Maximum Value
CustomerA	28.7013	(Insufficient)	10.8899	59.4613
CustomerB	50.9841	(Insufficient)	11.8783	93.4038
CustomerC	33.1383	(Insufficient)	10.8825	102.38

Other

SM Project Simulation 1

Replications: 1 Time Units: Minutes

Entity

Other

Number In	Value
CustomerA	80.0000
CustomerB	80.0000
CustomerC	80.0000



Number Out	Value
CustomerA	80.0000
CustomerB	80.0000
CustomerC	80.0000

WIP	Average	Half Width	Minimum Value	Maximum Value
CustomerA	0.4592	(Insufficient)	0.00	7.0000
CustomerB	0.8157	(Insufficient)	0.00	11.0000
CustomerC	0.5302	(Insufficient)	0.00	12.0000

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Replications: 1 Time Units: Minutes

Process

Time per Entity

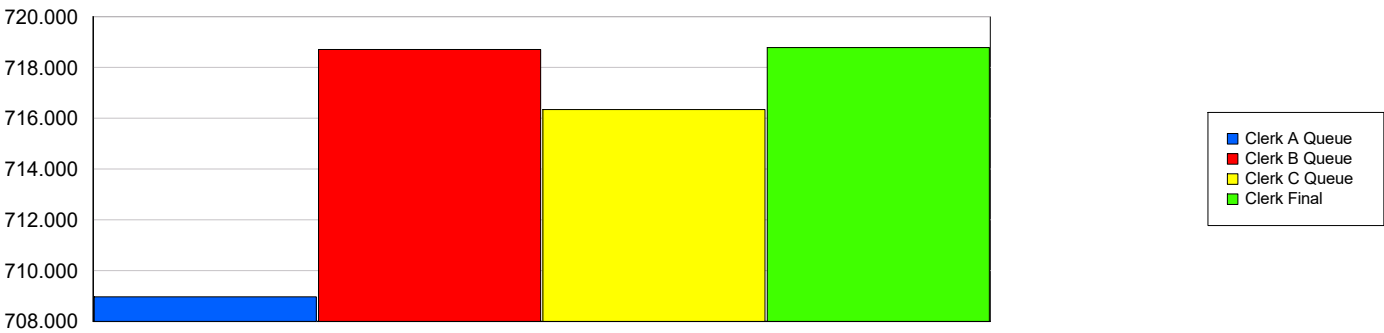
VA Time Per Entity	Average	Half Width	Minimum Value	Maximum Value
Clerk A Queue	8.8621	(Insufficient)	8.0028	9.9482
Clerk B Queue	8.9839	(Insufficient)	8.0175	9.9959
Clerk C Queue	8.9543	(Insufficient)	8.0063	9.9973
Clerk Final	2.9949	(Insufficient)	2.6544	3.3290

Wait Time Per Entity	Average	Half Width	Minimum Value	Maximum Value
Clerk A Queue	15.7404	(Insufficient)	0.00	47.1759
Clerk B Queue	37.3552	(Insufficient)	0.00	78.3119
Clerk C Queue	19.9858	(Insufficient)	0.00	90.2319
Clerk Final	1.3191	(Insufficient)	0.00	5.9755

Total Time Per Entity	Average	Half Width	Minimum Value	Maximum Value
Clerk A Queue	24.6025	(Insufficient)	8.1168	56.5815
Clerk B Queue	46.3391	(Insufficient)	8.1315	87.4895
Clerk C Queue	28.9400	(Insufficient)	8.0063	99.71
Clerk Final	4.3140	(Insufficient)	2.6560	8.7011

Accumulated Time

Accum VA Time	Value
Clerk A Queue	708.96
Clerk B Queue	718.71
Clerk C Queue	716.34
Clerk Final	718.78



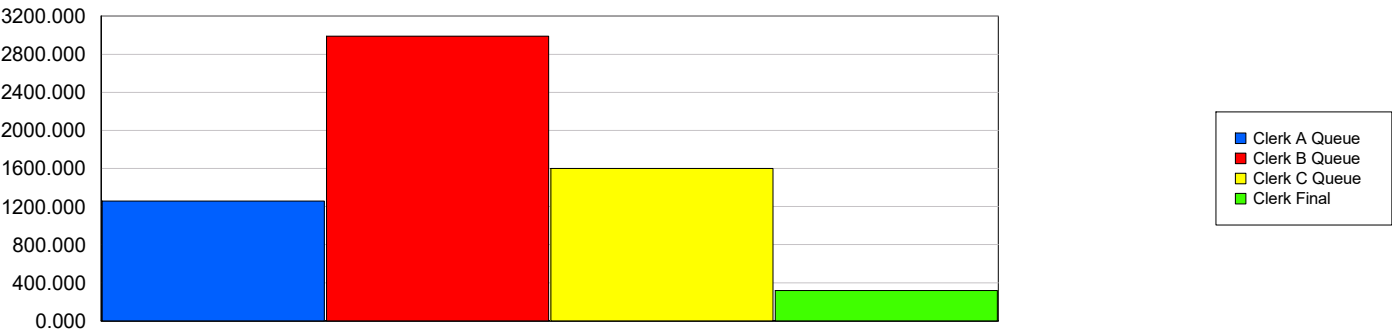
SM Project Simulation 1

Replications: 1 Time Units: Minutes

Process

Accumulated Time

Accum Wait Time	Value
Clerk A Queue	1259.23
Clerk B Queue	2988.42
Clerk C Queue	1598.86
Clerk Final	316.58



Other

Number In	Value
Clerk A Queue	80.0000
Clerk B Queue	80.0000
Clerk C Queue	80.0000
Clerk Final	240.00



SM Project Simulation 1

Replications: 1 Time Units: Minutes

Process

Other

Number Out	Value
Clerk A Queue	80.0000
Clerk B Queue	80.0000
Clerk C Queue	80.0000
Clerk Final	240.00

Queue

Time

Waiting Time	Average	Half Width	Minimum Value	Maximum Value
Clerk A Queue.Queue	15.7404	(Insufficient)	0.00	47.1759
Clerk B Queue.Queue	37.3552	(Insufficient)	0.00	78.3119
Clerk C Queue.Queue	19.9858	(Insufficient)	0.00	90.2319
Clerk Final.Queue	1.3191	(Insufficient)	0.00	5.9755

Other

Number Waiting	Average	Half Width	Minimum Value	Maximum Value
Clerk A Queue.Queue	0.2518	(Insufficient)	0.00	6.0000
Clerk B Queue.Queue	0.5977	(Insufficient)	0.00	10.0000
Clerk C Queue.Queue	0.3198	(Insufficient)	0.00	10.0000
Clerk Final.Queue	0.06331696	(Correlated)	0.00	2.0000

SM Project Simulation 1

Replications: 1 Time Units: Minutes

Resource

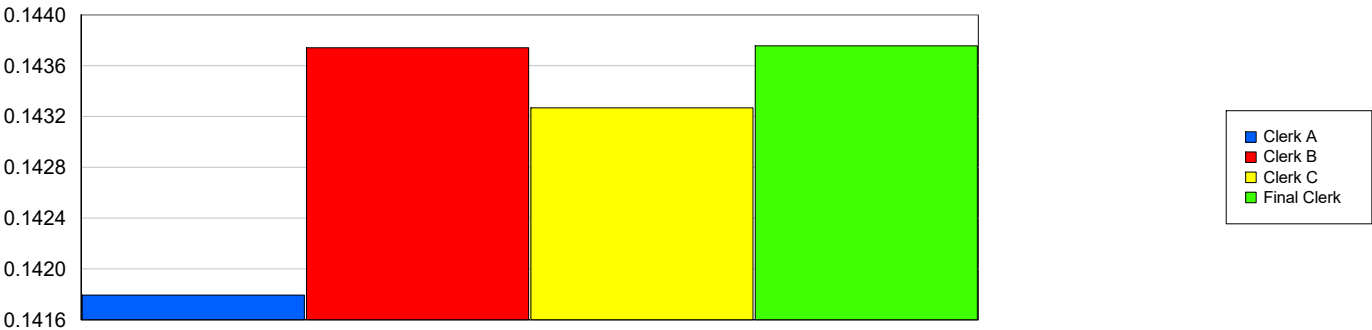
Usage

Instantaneous Utilization				
	Average	Half Width	Minimum Value	Maximum Value
Clerk A	0.1418	(Insufficient)	0.00	1.0000
Clerk B	0.1437	(Insufficient)	0.00	1.0000
Clerk C	0.1433	(Insufficient)	0.00	1.0000
Final Clerk	0.1438	(Insufficient)	0.00	1.0000

Number Busy				
	Average	Half Width	Minimum Value	Maximum Value
Clerk A	0.1418	(Insufficient)	0.00	1.0000
Clerk B	0.1437	(Insufficient)	0.00	1.0000
Clerk C	0.1433	(Insufficient)	0.00	1.0000
Final Clerk	0.1438	(Insufficient)	0.00	1.0000

Number Scheduled				
	Average	Half Width	Minimum Value	Maximum Value
Clerk A	1.0000	(Insufficient)	1.0000	1.0000
Clerk B	1.0000	(Insufficient)	1.0000	1.0000
Clerk C	1.0000	(Insufficient)	1.0000	1.0000
Final Clerk	1.0000	(Insufficient)	1.0000	1.0000

Scheduled Utilization				
	Value			
Clerk A	0.1418			
Clerk B	0.1437			
Clerk C	0.1433			
Final Clerk	0.1438			

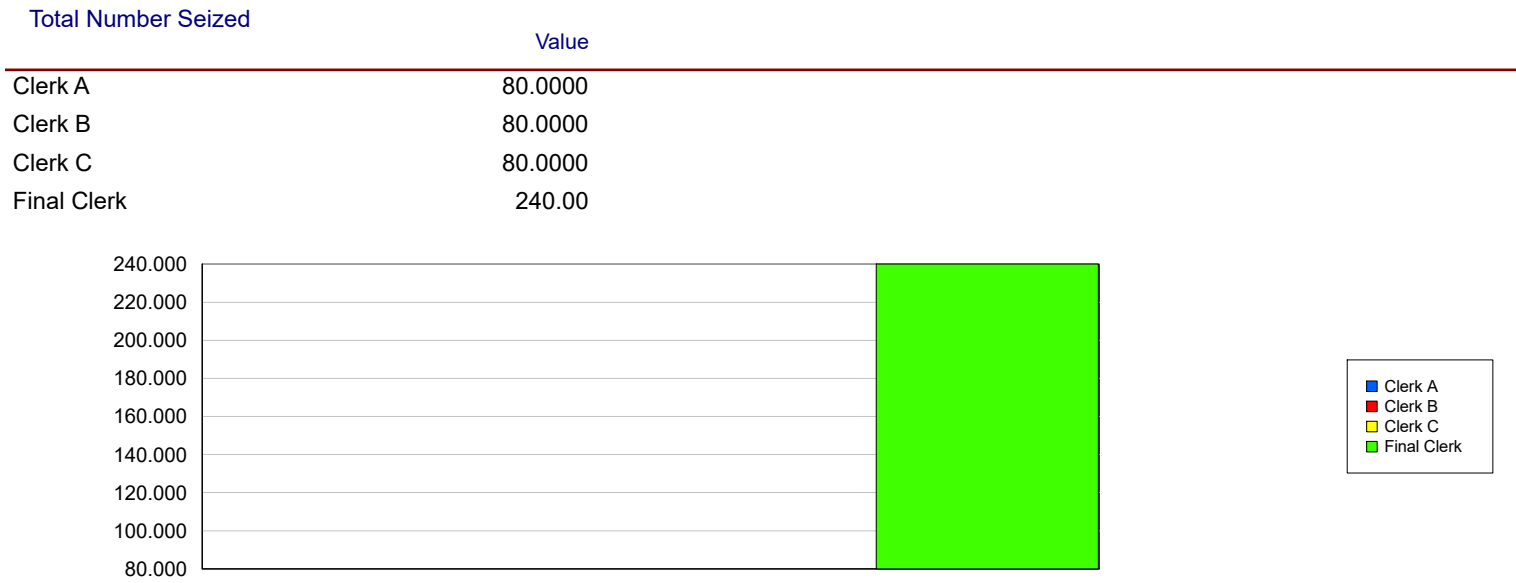


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Replications: 1 Time Units: Minutes

Resource

Usage



User Specified

Tally

Expression	Average	Half Width	Minimum Value	Maximum Value
Arrival Time	422.76	(Insufficient)	0.00	828.27
Time spend in system	37.6079	(Insufficient)	10.8825	102.38
Time taken by first clerk	8.9724	(Insufficient)	8.0055	9.9932
Time taken by second clerk	2.9909	(Insufficient)	2.6549	3.3286