SM Project Simulation 2

Replications: 1   Time Units: Minutes

Key Performance Indicators

System	Average
Number Out	240

SM Project Simulation 2

Replications: 1   Time Units: Minutes

Entity

Time

VA Time

	Average	Half Width	Minimum Value	Maximum Value
CustomerA	11.9435	(Insufficient)	10.7790	13.0716
CustomerB	11.8799	(Insufficient)	10.7866	13.1872
CustomerC	12.0512	(Insufficient)	10.7768	13.1175

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	777.72	(Insufficient)	0.00	1266.50
CustomerB	536.52	(Insufficient)	8.1168	1164.20
CustomerC	670.15	(Insufficient)	16.5738	1273.87

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	789.66	(Insufficient)	10.7790	1277.85
CustomerB	548.40	(Insufficient)	19.7503	1176.57
CustomerC	682.20	(Insufficient)	28.6293	1286.67

Other

SM Project Simulation 2

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	12.6345	(Insufficient)	0.00	55.0000
CustomerB	8.7744	(Insufficient)	0.00	45.0000
CustomerC	10.9152	(Insufficient)	0.00	55.0000

SM Project Simulation 2

Replications:	1	Time Units:	Minutes

Process

Time per Entity

VA Time Per Entity

	Average	Half Width	Minimum Value	Maximum Value
First Clerk Queue	8.9981	(Insufficient)	8.0065	9.9814
Second Clerk Queue	2.9602	(Insufficient)	2.6541	3.3286

Wait Time Per Entity

	Average	Half Width	Minimum Value	Maximum Value
First Clerk Queue	661.46	(Insufficient)	0.00	1273.87
Second Clerk Queue	0.00	(Insufficient)	0.00	0.00

Total Time Per Entity

	Average	Half Width	Minimum Value	Maximum Value
First Clerk Queue	670.46	(Insufficient)	8.1168	1283.44
Second Clerk Queue	2.9602	(Insufficient)	2.6541	3.3286

Accumulated Time

Accum VA Time

	Value
First Clerk Queue	2159.53
Second Clerk Queue	710.44
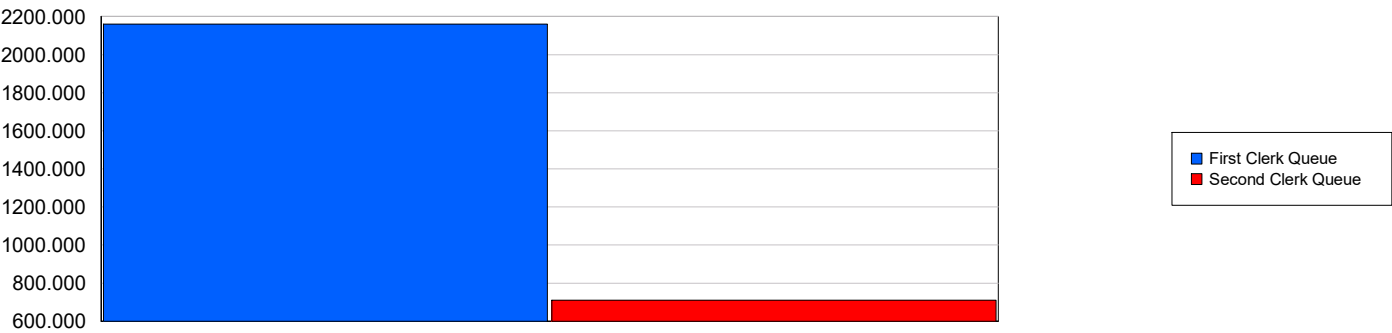
SM Project Simulation 2

Replications: 1   Time Units: Minutes

Process

Accumulated Time

Accum Wait Time

	Value
First Clerk Queue	158750.78
Second Clerk Queue	0.00
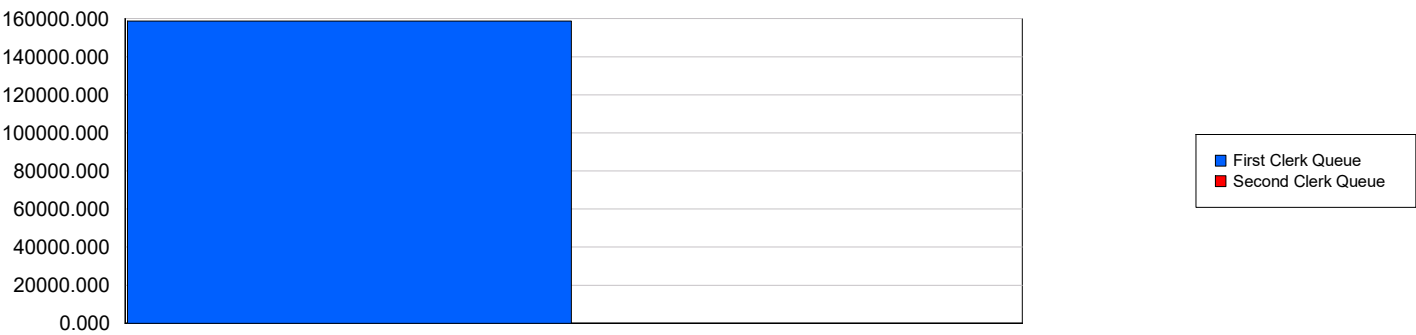
Other

Number In

	Value
First Clerk Queue	240.00
Second Clerk Queue	240.00

Number Out

	Value
First Clerk Queue	240.00
Second Clerk Queue	240.00

SM Project Simulation 2

Replications: 1   Time Units: Minutes

Queue

Time

Waiting Time

	Average	Half Width	Minimum Value	Maximum Value
First Clerk Queue.Queue	661.46	(Insufficient)	0.00	1273.87
Second Clerk Queue.Queue	0.00	(Insufficient)	0.00	0.00

Other

Number Waiting

	Average	Half Width	Minimum Value	Maximum Value
First Clerk Queue.Queue	31.7502	(Correlated)	0.00	142.00
Second Clerk Queue.Queue	0.00	(Insufficient)	0.00	0.00

SM Project Simulation 2

Replications:	1	Time Units:	Minutes

Resource

Usage

Instantaneous Utilization

	Average	Half Width	Minimum Value	Maximum Value
Clerk A	0.4319	(Insufficient)	0.00	1.0000
Clerk B	0.4319	(Insufficient)	0.00	1.0000
Clerk C	0.4319	(Insufficient)	0.00	1.0000
Final Clerk	0.1421	(Correlated)	0.00	1.0000

Number Busy

	Average	Half Width	Minimum Value	Maximum Value
Clerk A	0.4319	(Insufficient)	0.00	1.0000
Clerk B	0.4319	(Insufficient)	0.00	1.0000
Clerk C	0.4319	(Insufficient)	0.00	1.0000
Final Clerk	0.1421	(Correlated)	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	0.4319
Clerk B	0.4319
Clerk C	0.4319
Final Clerk	0.1421

SM Project Simulation 2

Replications: 1   Time Units: Minutes

Resource

Usage

Total Number Seized

	Value
Clerk A	240.00
Clerk B	240.00
Clerk C	240.00
Final Clerk	240.00
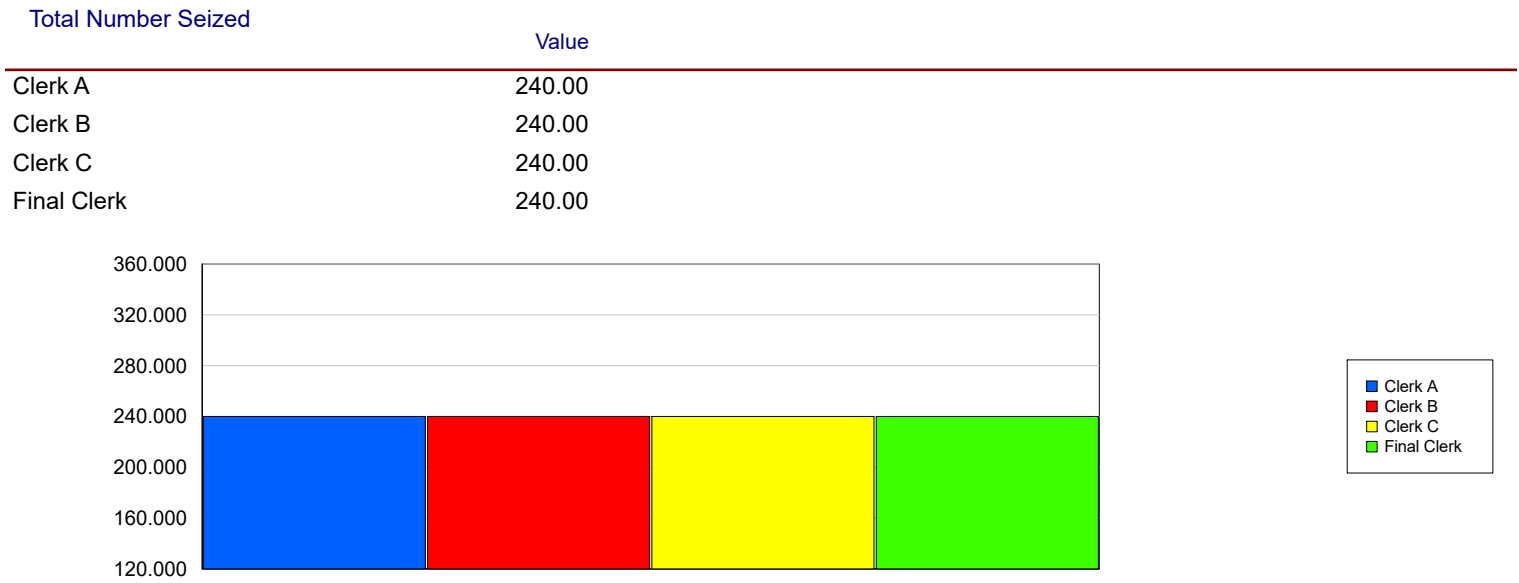
User Specified

Tally

Expression	Average	Half Width	Minimum Value	Maximum Value
Arrival Time	413.29	(Insufficient)	0.00	933.33
Time spend in system	673.42	(Insufficient)	10.7790	1286.67
Time taken by first clerk	9.0191	(Insufficient)	8.0070	9.9973
Time taken by second clerk	2.9879	(Insufficient)	2.6519	3.3290