Values Across All Replications

Unnamed Project

Replications: 30 Time Units: Minutes

Key Performance Indicators

System Average
Number Out 276

Model Filename: C:\Users\sadiu\Desktop\IE-3\ieHW3

Page

of

Category Overview

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Entity

Time

VA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maxim Va
Moviegoer	0.00	0.00	0.00	0.00	0.00	0.
NVA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maxim Va
Moviegoer	0.00	0.00	0.00	0.00	0.00	0
Wait Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maxim Va
Moviegoer	1.5159	0.23	0.6945	3.5539	0.00	13.22
Transfer Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maxim Va
Moviegoer	0.00	0.00	0.00	0.00	0.00	0.
Other Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maxim Va
Moviegoer	0.9820	0.00	0.9552	1.0000	0.00	1.00
Total Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maxim Va
Moviegoer	2.4980	0.23	1.6785	4.5149	0.03118765	14.22
Other						
Number In	Average	Half Width	Minimum Average	Maximum Average		
Moviegoer	281.43	6.80	236.00	314.00		
Number Out	Average	Half Width	Minimum Average	Maximum Average		
Moviegoer	275.70	6.54	234.00	308.00		
WIP	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maxim Va
Moviegoer	5.9010	0.67	3.5412	11.7971	0.00	24.00

Maxim

Values Across All Replications

Unnamed Project

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Queue

Time

Waiting Time

waiting time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maxim Va
Join Counter Queue1.Queue	1.7718	0.51	0.5904	6.3353	0.00	13.22
Join Counter Queue2.Queue	1.3665	0.22	0.5216	3.3862	0.00	7.63
Join Counter Queue3.Queue	1.2695	0.20	0.4345	2.4964	0.00	8.42
Other						
Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maxim Va
Join Counter Queue1.Queue	1.5332	0.53	0.3649	6.5786	0.00	14.00
Join Counter Queue2.Queue	1.1051	0.21	0.3217	3.0999	0.00	10.00
Join Counter Queue3.Queue	0.9975	0.20	0.2969	2.2468	0.00	10.00

Minimum

Maximum

Minimum

Category Overview

Values Across All Replications

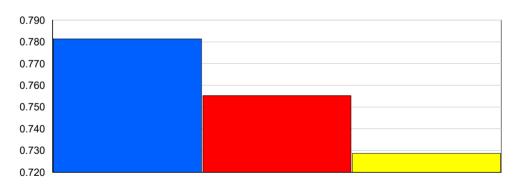
Unnamed Project

Replications: 30 Time Units: Minutes

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maxim Va
counter	0.7814	0.03	0.5755	0.9621	0.00	1.00
counter2	0.7552	0.03	0.5767	0.8968	0.00	1.00
counter3	0.7286	0.03	0.5640	0.9149	0.00	1.00
Number Busy	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maxim Va
counter	0.7814	0.03	0.5755	0.9621	0.00	1.00
counter2	0.7552	0.03	0.5767	0.8968	0.00	1.00
counter3	0.7286	0.03	0.5640	0.9149	0.00	1.00
Number Scheduled	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maxim Va
counter	1.0000	0.00	1.0000	1.0000	1.0000	1.00
counter2	1.0000	0.00	1.0000	1.0000	1.0000	1.00
counter3	1.0000	0.00	1.0000	1.0000	1.0000	1.00
Scheduled Utilization	Average	Half Width	Minimum Average	Maximum Average		
counter	0.7814	0.03	0.5755	0.9621		
counter2	0.7552	0.03	0.5767	0.8968		
counter3	0.7286	0.03	0.5640	0.9149		





Values Across All Replications

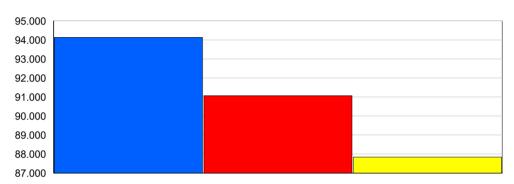
Unnamed Project

Replications: 30 Time Units: Minutes

Resource

Usage

Total Number Seized	Average	Half Width	Minimum Average	Maximum Average	
counter	94.1333	3.96	70.0000	116.00	
counter2	91.0667	3.69	70.0000	108.00	
counter3	87.8333	3.47	68.0000	110.00	





Values Across All Replications

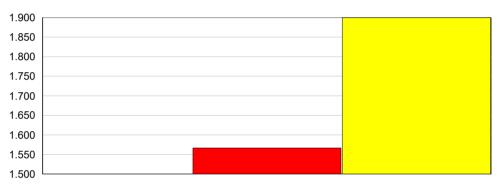
Unnamed Project

Replications: 30 Time Units: Minutes

User Specified

Counter

Count	Average	Half Width	Minimum Average	Maximum Average	
Record Reneging Movie1	1.5000	0.54	0.00	6.0000	
Customers					
Record Reneging Movie2	1.5667	0.59	0.00	6.0000	
Customers					
Record Reneging Movie3	1.9000	0.86	0.00	10.0000	
Customers					



Record Reneging
Movie1 Customers
Record Reneging
Movie2 Customers
Record Reneging
Movie3 Customers

Time Persistent

Variable	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maxim Va
lastTicket	22.8153	1.71	17.5054	41.4170	0.00	54.57
lastTicket2	23.5677	1.36	15.9402	32.0230	0.00	38.68
lastTicket3	23.2522	1.81	14.9692	36.8857	0.00	46.76