Replications: 1 Time Units: Hours

**Key Performance Indicators** 

System Average
Number Out 13

Model Filename: C:\Users\sokur\Desktop\TPU-09.04.04-Software-Engineering\Semester 1\System Analy

Page

Replications: 1 Time Units: Hours

## Entity

#### **Time**

VA Time	Average	Half Width	Minimum Value	Maximum Value	
Customer	0.4418	(Insufficient)	0.00	1.5710	
NVA Time			Minimum	Maximum	
NVA TIME	Average	Half Width	Value	Value	
Customer	0.00	(Insufficient)	0.00	0.00	
Wait Time	Average	Half Width	Minimum Value	Maximum Value	
Customer	0.7476	(Insufficient)	0.00	3.0440	
Customer	0.7470	(msumcient)	0.00	3.0440	
Transfer Time			Minimum	Maximum	
	Average	Half Width	Value	Value	
Customer	0.00	(Insufficient)	0.00	0.00	
Otto an Time a					
Other Time	Average	Half Width	Minimum Value	Maximum Value	
Customer	0.00	(Insufficient)	0.00	0.00	
		(			
Total Time			Minimum	Maximum	
	Average	Half Width	Value	Value	
Customer	1.1894	(Insufficient)	0.00	4.6150	
Other					
Number In	Value				
Customer	46.0000				
Number Out	Value				
Customer	13.0000				
WIP			Minimum	Maximum	
	Average	Half Width	Value	Value	
Customer	14.4700	(Insufficient)	0.00	33.0000	

Replications: 1 Time Units: Hours

### Queue

#### **Time**

Waiting Time	Average	Half Width	Minimum Value	Maximum Value	
Book select.Queue	1.4584	(Insufficient)	0.00	3.1049	
Registration.Queue	0.4137	(Insufficient)	0.00	1.9899	
Other					
Number Waiting	Average	Half Width	Minimum Value	Maximum Value	
Book select.Queue	10.0713	(Insufficient)	0.00	22.0000	
Registration.Queue	2.7500	(Insufficient)	0.00	10.0000	

3

Replications: 1 Time Units: Hours

### Resource

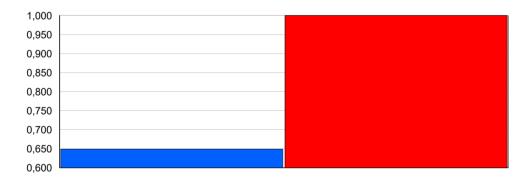
## **Usage**

Instantaneous Utilization	Average	Half Width	Minimum Value	Maximum Value	
Operator	0.6487	(Insufficient)	0.00	1.0000	
Shelf	1.0000	(Insufficient)	0.00	1.0000	
Number Busy	Average	Half Width	Minimum Value	Maximum Value	
Operator	0.6487	(Insufficient)	0.00	1.0000	
Shelf	10.0000	(Insufficient)	0.00	10.0000	
Number Scheduled	Average	Half Width	Minimum Value	Maximum Value	
Operator	1.0000	(Insufficient)	1.0000	1.0000	
Shelf	10.0000	(Insufficient)	10.0000	10.0000	

#### **Scheduled Utilization**

 Operator
 0.6487

 Shelf
 1.0000



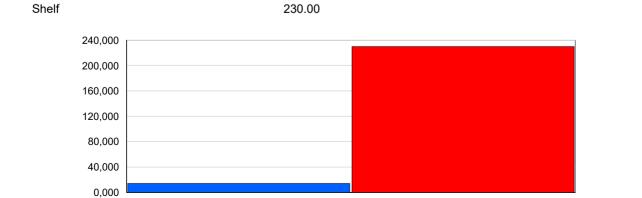
Value

# Operator Shelf

#### **Total Number Seized**

Operator

Value 14.0000



■ Operator ■ Shelf