Values Across All Replications

## **Unnamed Project**

Replications: 5 Time Units: Hours

# **Key Performance Indicators**

System Average
Number Out 2,764

Model Filename: C:\Users\yliu\Desktop\Personal\Gatech\ISYE 6644\Project\Traffic Signal Anima

## **Category Overview**

Values Across All Replications

# **Unnamed Project**

Replications: 5 Time Units: Hours

## **Entity**

## Time

VA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Car	0.00	0.00	0.00	0.00	0.00	0.00
Entity 1	0.00722222	0.00	0.00722222	0.00722222	0.00722222	0.00722222
Entity 2	0.00722222	0.00	0.00722222	0.00722222	0.00722222	0.00722222
Entity 3	0.00722222	0.00	0.00722222	0.00722222	0.00722222	0.00722222
NVA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Car	0.00	0.00	0.00	0.00	0.00	0.00
Entity 1	0.00	0.00	0.00	0.00	0.00	0.00
Entity 2	0.00	0.00	0.00	0.00	0.00	0.00
Entity 3	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
Car	0.01452173	0.00	0.01435791	0.01458258	0.00	0.03078040
Entity 1	0.00	0.00	0.00	0.00	0.00	0.00
Entity 2	0.00	0.00	0.00	0.00	0.00	0.00
Entity 3	0.00	0.00	0.00	0.00	0.00	0.00
Transfer Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Car	0.00	0.00	0.00	0.00	0.00	0.00
Entity 1	0.00	0.00	0.00	0.00	0.00	0.00
Entity 2	0.00	0.00	0.00	0.00	0.00	0.00
Entity 3	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
Car	0.02166581	0.00	0.02166222	0.02166815	0.02093263	0.02231197
Entity 1	0.00	0.00	0.00	0.00	0.00	0.00
Entity 2	0.00	0.00	0.00	0.00	0.00	0.00
Entity 3	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
Car	0.03618755	0.00	0.03602606	0.03624968	0.02102800	0.05237579
Entity 1	0.00722222	0.00	0.00722222	0.00722222	0.00722222	0.00722222
Entity 2	0.00722222	0.00	0.00722222	0.00722222	0.00722222	0.00722222
Entity 3	0.00722222	0.00	0.00722222	0.00722222	0.00722222	0.00722222
Other						

2

#### Values Across All Replications

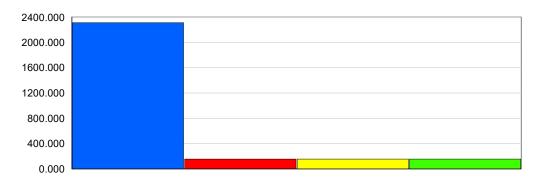
## **Unnamed Project**

Replications: 5 Time Units: Hours

### **Entity**

#### **Other**

Number In	Average	Half Width	Minimum Average	Maximum Average
Car	2311.00	18.16	2294.00	2326.00
Entity 1	155.00	0.00	155.00	155.00
Entity 2	155.00	0.00	155.00	155.00
Entity 3	155.00	0.00	155.00	155.00



Car
Entity 1
Entity 2
■ Entity 3

Number Out	Average	Half Width	Minimum Average	Maximum Average		
Car	2299.40	17.39	2285.00	2314.00		
Entity 1	155.00	0.00	155.00	155.00		
Entity 2	155.00	0.00	155.00	155.00		
Entity 3	155.00	0.00	155.00	155.00		
WIP	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Car	16.6755	0.16	16.4931	16.8024	0.00	45.0000
Entity 1	0.2239	0.00	0.2239	0.2239	0.00	1.0000
Entity 2	0.2239	0.00	0.2239	0.2239	0.00	1.0000
Entity 3	0.2239	0.00	0.2239	0.2239	0.00	1.0000

3

## **Category Overview**

Values Across All Replications

## **Unnamed Project**

Replications: 5 Time Units: Hours

#### Queue

### **Time**

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Green Light 1.Queue	0.00	0.00	0.00	0.00	0.00	0.00
Green Light 2.Queue	0.00	0.00	0.00	0.00	0.00	0.00
Green Light 3.Queue	0.00	0.00	0.00	0.00	0.00	0.00
Intersection 1.Queue	0.00973888	0.00	0.00959582	0.00980676	0.00	0.02499613
Intersection 2.Queue	0.00217839	0.00	0.00216467	0.00219734	0.00	0.00294194
Intersection 3.Queue	0.00260446	0.00	0.00258734	0.00262102	0.00	0.00316269

### **Other**

Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Green Light 1.Queue	0.00	0.00	0.00	0.00	0.00	0.00
Green Light 2.Queue	0.00	0.00	0.00	0.00	0.00	0.00
Green Light 3.Queue	0.00	0.00	0.00	0.00	0.00	0.00
Intersection 1.Queue	4.4977	0.08	4.3990	4.5398	0.00	24.0000
Intersection 2.Queue	1.0018	0.01	0.9922	1.0169	0.00	26.0000
Intersection 3.Queue	1.1977	0.01	1.1850	1.2085	0.00	27.0000

#### Values Across All Replications

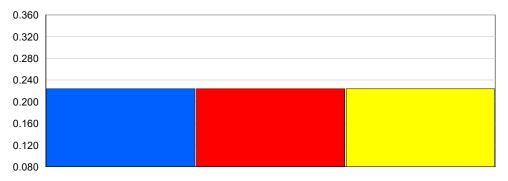
## **Unnamed Project**

Replications: 5 Time Units: Hours

#### Resource

## **Usage**

Instantaneous Utilization	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Resource 1	0.2239	0.00	0.2239	0.2239	0.00	1.0000
Resource 2	0.2239	0.00	0.2239	0.2239	0.00	1.0000
Resource 3	0.2239	0.00	0.2239	0.2239	0.00	1.0000
Number Busy	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Resource 1	0.2239	0.00	0.2239	0.2239	0.00	1.0000
Resource 2	0.2239	0.00	0.2239	0.2239	0.00	1.0000
Resource 3	0.2239	0.00	0.2239	0.2239	0.00	1.0000
Number Scheduled	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Resource 1	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Resource 2	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Resource 3	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Scheduled Utilization	Average	Half Width	Minimum Average	Maximum Average		
Resource 1	0.2239	0.00	0.2239	0.2239		
Resource 2	0.2239	0.00	0.2239	0.2239		
Resource 3	0.2239	0.00	0.2239	0.2239		





5

## **Category Overview**

Values Across All Replications

## **Unnamed Project**

Replications: 5 Time Units: Hours

#### Resource

## **Usage**

Total Number Seized	Average	Half Width	Minimum Average	Maximum Average	
Resource 1	155.00	0.00	155.00	155.00	
Resource 2	155.00	0.00	155.00	155.00	
Resource 3	155.00	0.00	155.00	155.00	

