# License Plate Issuing

Replications: 5 Time Units: Minutes

**Key Performance Indicators** 

System Average
Number Out 1,529

Model Filename: E:\ACADS\SEM6\SIMULATION\lab\License Plate Issuing-single line for all type Page

## **Category Overview**

Values Across All Replications

# License Plate Issuing

Replications: 5 Time Units: Minutes

# **Entity**

### **Time**

VA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Customer Type 1	11.9835	0.02	11.9596	12.0017	10.7026	13.3292
Customer Type 2	11.9892	0.03	11.9580	12.0226	10.6528	13.3186
Customer Type 3	11.9720	0.04	11.9347	12.0260	10.6554	13.3014
NVA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Customer Type 1	0.00	0.00	0.00	0.00	0.00	0.00
Customer Type 2	0.00	0.00	0.00	0.00	0.00	0.00
Customer Type 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
Customer Type 1	14.4939	3.16	12.4330	18.8965	0.00	58.6541
Customer Type 2	14.0486	3.14	12.1476	18.3877	0.00	58.6324
Customer Type 3	14.4040	3.75	12.2028	19.6449	0.00	57.8993
Transfer Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Customer Type 1	0.00	0.00	0.00	0.00	0.00	0.00
Customer Type 2	0.00	0.00	0.00	0.00	0.00	0.00
Customer Type 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
Customer Type 1	0.00	0.00	0.00	0.00	0.00	0.00
Customer Type 2	0.00	0.00	0.00	0.00	0.00	0.00
Customer Type 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
Customer Type 1	26.4775	3.17	24.4131	30.8981	10.7288	70.0745
Customer Type 2	26.0378	3.13	24.1703	30.3647	10.6690	71.5660
Customer Type 3	26.3759	3.74	24.1888	31.5959	10.6554	69.3424
Other						

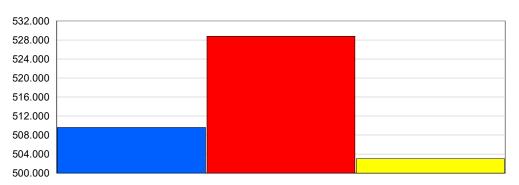
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### **Entity**

#### **Other**

Number In	Average	Half Width	Minimum Average	Maximum Average
Customer Type 1	509.60	48.48	442.00	536.00
Customer Type 2	528.80	30.29	495.00	554.00
Customer Type 3	503.00	22.33	481.00	528.00



Customer Type 1
■ Customer Type 2
□ Customer Type 3

Number Out	Average	Half Width	Minimum Average	Maximum Average		
Customer Type 1	504.80	47.22	440.00	529.00		
Customer Type 2	525.00	30.32	491.00	549.00		
Customer Type 3	498.80	20.56	479.00	523.00		
WIP	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Customer Type 1	2.7009	0.50	2.1529	3.2698	0.00	14.0000
Customer Type 2	2.7420	0.23	2.5718	3.0038	0.00	11.0000
Customer Type 3	2.6514	0.47	2.4125	3.3192	0.00	13.0000

Minimum

Value

Maximum

Value

Values Across All Replications

### License Plate Issuing

5 Replications: Time Units: Minutes

### **Process**

### **Time per Entity**

**VA Time Per Entity** 

Form Checking and Plate Issuing by Clerk4	2.9870	0.01	2.9786	2.9915	2.6501	3.3299
Form Processing and Payment to Clerk1	8.9940	0.03	8.9634	9.0189	8.0001	9.9999
Wait Time Per Entity	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Form Checking and Plate Issuing by Clerk4	0.00	0.00	0.00	0.00	0.00	0.00
Form Processing and Payment to Clerk1	0.00	0.00	0.00	0.00	0.00	0.00
Total Time Per Entity	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Form Checking and Plate Issuing by Clerk4	2.9870	0.01	2.9786	2.9915	2.6501	3.3299
Form Processing and Payment to Clerk1	8.9940	0.03	8.9634	9.0189	8.0001	9.9999

Half Width

Average

Minimum

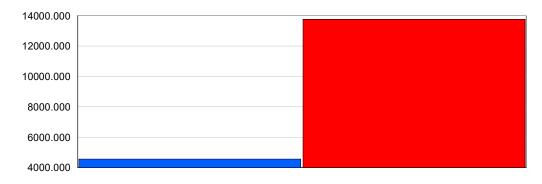
**Average** 

Maximum

Average

#### **Accumulated Time**

Accum VA Time	Average	Half Width	Minimum Average	Maximum Average
Form Checking and Plate	4566.10	110.85	4426.14	4648.82
Issuing by Clerk4				
Form Processing and Payment	13766.20	311.23	13411.08	14024.43
to Clerk1				



Form Checking and Plate Issuing by Clerk4
Form Processing and Payment to Clerk1

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### License Plate Issuing

Replications: 5 Time Units: Minutes

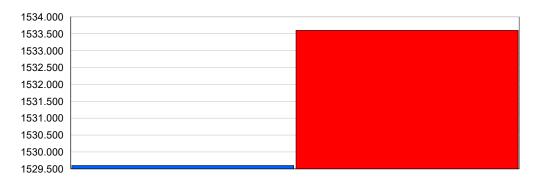
### **Process**

#### **Accumulated Time**

Accum Wait Time	Average	Half Width	Minimum Average	Maximum Average	
Form Checking and Plate Issuing by Clerk4	0.00	0.00	0.00	0.00	
Form Processing and Payment to Clerk1	0.00	0.00	0.00	0.00	

#### **Other**

Number In	Average	Half Width	Minimum Average	Maximum Average
Form Checking and Plate Issuing by Clerk4	1529.60	34.05	1487.00	1555.00
Form Processing and Payment to Clerk1	1533.60	35.12	1490.00	1560.00



Form Checking and Plate Issuing by Clerk4
Form Processing and Payment to Clerk1

Number Out	Average	Half Width	Minimum Average	Maximum Average
Form Checking and Plate Issuing by Clerk4	1528.60	34.05	1486.00	1554.00
Form Processing and Payment to Clerk1	1530.60	35.12	1487.00	1557.00

# License Plate Issuing

Replications: 5 Time Units: Minutes

#### Queue

#### **Time**

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Form Checking and Plate	0.00	0.00	0.00	0.00	0.00	0.00
Issuing by Clerk4.Queue						
Form Processing and Payment	0.00	0.00	0.00	0.00	0.00	0.00
to Clerk1.Queue						
Queue 1.Queue	12.1682	3.12	10.3497	16.5179	0.00	58.1031
Queue 2.Queue	2.1781	0.26	1.9059	2.4887	0.00	11.4417
Other						
Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Form Checking and Plate	0.00	0.00	0.00	0.00	0.00	0.00
Issuing by Clerk4.Queue						
Form Processing and Payment	0.00	0.00	0.00	0.00	0.00	0.00
to Clerk1.Queue						
Queue 1.Queue	3.7575	1.00	3.0958	5.1229	0.00	20.0000
Queue 2.Queue	0.6675	0.09	0.5668	0.7689	0.00	4.0000

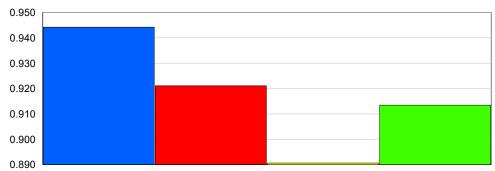
# License Plate Issuing

Replications: 5 Time Units: Minutes

### Resource

### **Usage**

Instantaneous Utilization	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Clerk 1	0.9442	0.02	0.9266	0.9548	0.00	1.0000
Clerk 2	0.9210	0.02	0.8961	0.9406	0.00	1.0000
Clerk 3	0.8906	0.02	0.8629	0.9119	0.00	1.0000
Clerk 4	0.9135	0.02	0.8855	0.9301	0.00	1.0000
Number Busy	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Clerk 1	0.9442	0.02	0.9266	0.9548	0.00	1.0000
Clerk 2	0.9210	0.02	0.8961	0.9406	0.00	1.0000
Clerk 3	0.8906	0.02	0.8629	0.9119	0.00	1.0000
Clerk 4	0.9135	0.02	0.8855	0.9301	0.00	1.0000
Number Scheduled	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Clerk 1	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Clerk 2	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Clerk 3	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Clerk 4	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Scheduled Utilization	Average	Half Width	Minimum Average	Maximum Average		
Clerk 1	0.9442	0.02	0.9266	0.9548		
Clerk 2	0.9210	0.02	0.8961	0.9406		
Clerk 3	0.8906	0.02	0.8629	0.9119		
Clerk 4	0.9135	0.02	0.8855	0.9301		





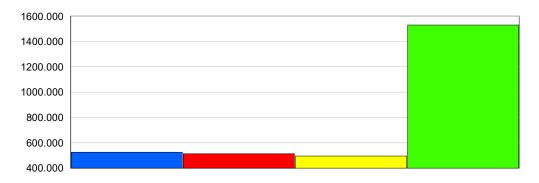
# License Plate Issuing

Replications: 5 Time Units: Minutes

### Resource

### **Usage**

Total Number Seized	Average	Half Width	Minimum Average	Maximum Average
Clerk 1	525.20	9.67	513.00	532.00
Clerk 2	513.40	13.76	498.00	524.00
Clerk 3	495.00	12.57	479.00	506.00
Clerk 4	1529.60	34.05	1487.00	1555.00





# **User Specified**

### **Tally**

Between	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Average Time Taken by a	3.2653	0.07	3.2114	3.3578	2.6501	21.5217

## **Unnamed Project**

Replications: 1 Time Units: Hours