

Airport Flows

Replications:10

Time Units:Hours

Key Performance Indicators

System	Average
Number Out	1,455

Values Across All Replications

## Airport Flows

Replications: 10      Time Units: Hours

## Entity

### Time

VA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Traveller	0.02486978	0.00	0.02436745	0.02515749	0.00835702	0.1553
NVA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Traveller	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
Traveller	0.0935	0.02	0.03969258	0.1526	0.00	0.3892
Transfer Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Traveller	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
Traveller	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
Traveller	0.1184	0.02	0.06479349	0.1777	0.00873848	0.4516

### Other

Number In	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Traveller	1521.00	63.71	1383.00	1641.00		
Number Out	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Traveller	1455.00	47.04	1363.00	1530.00		
WIP	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Traveller	36.3319	8.36	17.8294	57.5242	0.00	133.00

Values Across All Replications

Airport Flows

Replications: 10      Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
ID Boarding Pass Check.Queue	0.07030214	0.02	0.03031219	0.1080	0.00	0.3745
Personal Scanner.Queue	0.02409215	0.01	0.00926832	0.04674051	0.00	0.1272

Other

Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
ID Boarding Pass Check.Queue	21.8610	6.38	8.3662	35.2845	0.00	104.00
Personal Scanner.Queue	7.1934	2.77	2.5711	14.5182	0.00	42.0000

## Airport Flows

Replications: 10      Time Units: Hours

## Resource

### Usage

#### Instantaneous Utilization

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
ABF 1	0.9223	0.03	0.8694	0.9798	0.00	1.0000
ABF 2	0.9130	0.03	0.8692	0.9764	0.00	1.0000
ABF 3	0.9062	0.03	0.8597	0.9784	0.00	1.0000
ABF 4	0.8947	0.04	0.8299	0.9698	0.00	1.0000
Resource 1	0.00	0.00	0.00	0.00	0.00	0.00
Scanner 1	0.9124	0.03	0.8587	0.9657	0.00	1.0000
Scanner 2	0.9104	0.03	0.8497	0.9618	0.00	1.0000
Scanner 3	0.9089	0.03	0.8516	0.9645	0.00	1.0000
Scanner 4	0.9097	0.03	0.8575	0.9635	0.00	1.0000

#### Number Busy

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
ABF 1	0.9223	0.03	0.8694	0.9798	0.00	1.0000
ABF 2	0.9130	0.03	0.8692	0.9764	0.00	1.0000
ABF 3	0.9062	0.03	0.8597	0.9784	0.00	1.0000
ABF 4	0.8947	0.04	0.8299	0.9698	0.00	1.0000
Resource 1	0.00	0.00	0.00	0.00	0.00	0.00
Scanner 1	0.9124	0.03	0.8587	0.9657	0.00	1.0000
Scanner 2	0.9104	0.03	0.8497	0.9618	0.00	1.0000
Scanner 3	0.9089	0.03	0.8516	0.9645	0.00	1.0000
Scanner 4	0.9097	0.03	0.8575	0.9635	0.00	1.0000

#### Number Scheduled

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
ABF 1	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
ABF 2	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
ABF 3	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
ABF 4	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Resource 1	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Scanner 1	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Scanner 2	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Scanner 3	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Scanner 4	1.0000	0.00	1.0000	1.0000	1.0000	1.0000

Values Across All Replications

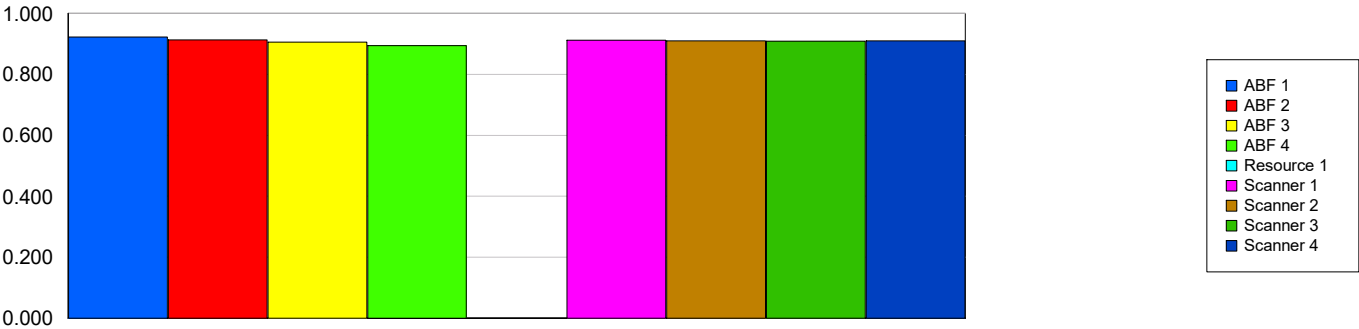
Airport Flows

Replications: 10      Time Units: Hours

Resource

Usage

Scheduled Utilization	Average	Half Width	Minimum Average	Maximum Average
ABF 1	0.9223	0.03	0.8694	0.9798
ABF 2	0.9130	0.03	0.8692	0.9764
ABF 3	0.9062	0.03	0.8597	0.9784
ABF 4	0.8947	0.04	0.8299	0.9698
Resource 1	0.00	0.00	0.00	0.00
Scanner 1	0.9124	0.03	0.8587	0.9657
Scanner 2	0.9104	0.03	0.8497	0.9618
Scanner 3	0.9089	0.03	0.8516	0.9645
Scanner 4	0.9097	0.03	0.8575	0.9635



Values Across All Replications

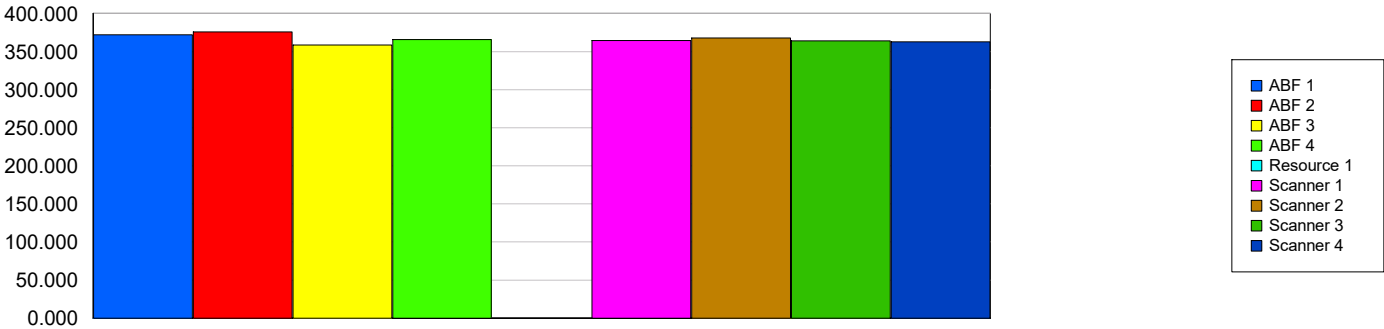
Airport Flows

Replications: 10      Time Units: Hours

Resource

Usage

Total Number Seized	Average	Half Width	Minimum Average	Maximum Average
ABF 1	371.90	14.32	348.00	403.00
ABF 2	375.70	10.89	356.00	410.00
ABF 3	358.50	20.83	311.00	397.00
ABF 4	365.60	17.91	326.00	402.00
Resource 1	0.00	0.00	0.00	0.00
Scanner 1	364.40	10.75	344.00	384.00
Scanner 2	367.80	12.72	345.00	391.00
Scanner 3	364.00	10.81	341.00	384.00
Scanner 4	362.80	13.40	337.00	383.00



Unnamed Project

Replications: 1      Time Units: Hours

Unnamed Project

Replications:1

Time Units:Hours

Key Performance Indicators

System	Average
Number Out	12,221

## Unnamed Project

Replications: 1      Time Units: Hours

### Entity

#### Time

VA Time	Average	Half Width	Minimum Value	Maximum Value
Traveller	0.02495216	0.000250038	0.00843065	0.1354
NVA Time	Average	Half Width	Minimum Value	Maximum Value
Traveller	0.00	0.000000000	0.00	0.00
Wait Time	Average	Half Width	Minimum Value	Maximum Value
Traveller	0.1038	0.028356881	0.00	0.4049
Transfer Time	Average	Half Width	Minimum Value	Maximum Value
Traveller	0.00	0.000000000	0.00	0.00
Other Time	Average	Half Width	Minimum Value	Maximum Value
Traveller	0.00	0.000000000	0.00	0.00
Total Time	Average	Half Width	Minimum Value	Maximum Value
Traveller	0.1288	0.028429460	0.00843065	0.4573

#### Other

Number In				
	Value			
Traveller	12344.00			
Number Out				
	Value			
Traveller	12221.00			
WIP	Average	Half Width	Minimum Value	Maximum Value
Traveller	38.1755	8.95129	0.00	142.00



Unnamed Project

Replications:1Time Units:Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum Value	Maximum Value
ID Boarding Pass Check.Queue	0.1011	0.028202631	0.00	0.4024
Personal Scanner.Queue	0.00290297	0.000615119	0.00	0.04194621

Other

Number Waiting	Average	Half Width	Minimum Value	Maximum Value
ID Boarding Pass Check.Queue	30.0291	8.69379	0.00	132.00
Personal Scanner.Queue	0.8489	0.234530914	0.00	17.0000

## Unnamed Project

Replications: 1      Time Units: Hours

## Resource

### Usage

Instantaneous Utilization	Average	Half Width	Minimum Value	Maximum Value
ABF 1	0.9251	0.029293291	0.00	1.0000
ABF 2	0.9130	0.034157458	0.00	1.0000
ABF 3	0.9089	0.034862178	0.00	1.0000
ABF 4	0.8959	0.041579448	0.00	1.0000
Resource 1	0.00	(Insufficient)	0.00	0.00
Scanner 1	0.7306	0.029053635	0.00	1.0000
Scanner 2	0.7348	0.026893776	0.00	1.0000
Scanner 3	0.7312	0.026908292	0.00	1.0000
Scanner 4	0.7289	0.026583589	0.00	1.0000
Scanner 5	0.7289	0.026149660	0.00	1.0000

Number Busy	Average	Half Width	Minimum Value	Maximum Value
ABF 1	0.9251	0.029293291	0.00	1.0000
ABF 2	0.9130	0.034157458	0.00	1.0000
ABF 3	0.9089	0.034862178	0.00	1.0000
ABF 4	0.8959	0.041579448	0.00	1.0000
Resource 1	0.00	(Insufficient)	0.00	0.00
Scanner 1	0.7306	0.029053635	0.00	1.0000
Scanner 2	0.7348	0.026893776	0.00	1.0000
Scanner 3	0.7312	0.026908292	0.00	1.0000
Scanner 4	0.7289	0.026583589	0.00	1.0000
Scanner 5	0.7289	0.026149660	0.00	1.0000

Number Scheduled	Average	Half Width	Minimum Value	Maximum Value
ABF 1	1.0000	(Insufficient)	1.0000	1.0000
ABF 2	1.0000	(Insufficient)	1.0000	1.0000
ABF 3	1.0000	(Insufficient)	1.0000	1.0000
ABF 4	1.0000	(Insufficient)	1.0000	1.0000
Resource 1	1.0000	(Insufficient)	1.0000	1.0000
Scanner 1	1.0000	(Insufficient)	1.0000	1.0000
Scanner 2	1.0000	(Insufficient)	1.0000	1.0000
Scanner 3	1.0000	(Insufficient)	1.0000	1.0000
Scanner 4	1.0000	(Insufficient)	1.0000	1.0000
Scanner 5	1.0000	(Insufficient)	1.0000	1.0000

Unnamed Project

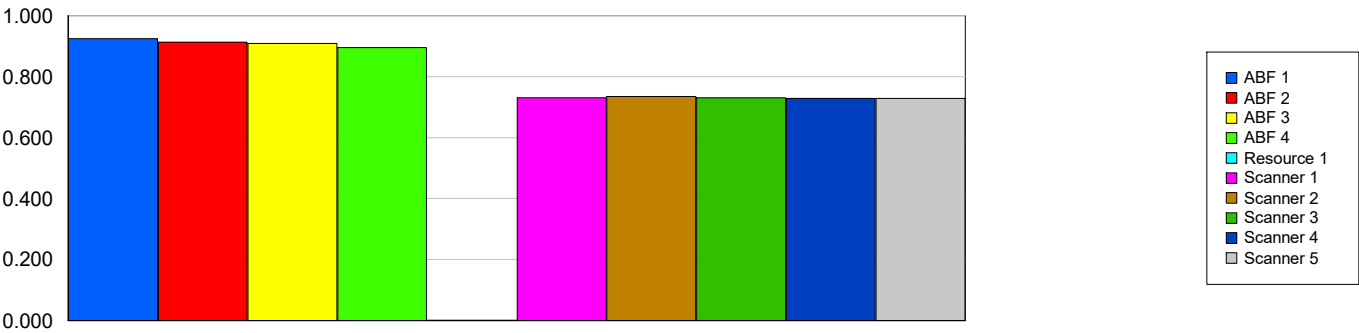
Replications:1

Time Units:Hours

Resource

Usage

Scheduled Utilization	Value
ABF 1	0.9251
ABF 2	0.9130
ABF 3	0.9089
ABF 4	0.8959
Resource 1	0.00
Scanner 1	0.7306
Scanner 2	0.7348
Scanner 3	0.7312
Scanner 4	0.7289
Scanner 5	0.7289



Unnamed Project

Replications: 1      Time Units: Hours

Resource

Usage

Total Number Seized	Value
ABF 1	3167.00
ABF 2	3097.00
ABF 3	2982.00
ABF 4	2986.00
Resource 1	0.00
Scanner 1	2439.00
Scanner 2	2455.00
Scanner 3	2454.00
Scanner 4	2433.00
Scanner 5	2445.00

