

Airport Security Analysis

Replications: 1

Replication 1

Start Time: 0.00 Stop Time: 10,080.00 Time Units: Minutes

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Passengers	1.5016	0.007616671	0.5017	10.3573
NVA Time	Average	Half Width	Minimum	Maximum
Passengers	0	0.000000000	0	0
Wait Time	Average	Half Width	Minimum	Maximum
Passengers	5.5148	0.736837523	0	49.1964
Transfer Time	Average	Half Width	Minimum	Maximum
Passengers	0	0.000000000	0	0
Other Time	Average	Half Width	Minimum	Maximum
Passengers	0	0.000000000	0	0
Total Time	Average	Half Width	Minimum	Maximum
Passengers	7.0165	0.739739848	0.5309	51.3988

Other

Number In	Value			
Passengers	50,205			
Number Out	Value			
Passengers	50,184			
WIP	Average	Half Width	Minimum	Maximum
Passengers	34.9452	4.25084	0	102.00

Queue

Time

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Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Check for Proper Identification.Queue	2.5441	0.535192804	0	16.2554
Scanner1.Queue	1.8018	0.009128814	0	2.8731
Scanner2.Queue	1.5990	0.016679474	0	2.9197
Scanner3.Queue	1.3040	0.019049441	0	2.8997
Scanner4.Queue	7.7597	2.22894	0	49.0523

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Check for Proper Identification.Queue	12.6715	2.91068	0	83.0000
Scanner.5.Queue	0	(Insufficient)	0	0
Scanner1.Queue	2.3994	0.009003011	0	3.0000
Scanner2.Queue	2.1172	(Correlated)	0	3.0000
Scanner3.Queue	1.5671	0.030392391	0	3.0000
Scanner4.Queue	8.7130	2.36965	0	65.0000

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Resource 1	0.9351	0.013564848	0	1.0000
Scanner1 Agent	0.9999	(Insufficient)	0	1.0000
Scanner2 Agent	0.9908	0.001977221	0	1.0000
Scanner3 Agent	0.9024	0.008221545	0	1.0000
Scanner4 Agent	0.8435	0.030401876	0	1.0000
Scanner5	0	(Insufficient)	0	0

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Resource

Usage

Number Busy	Average	Half Width	Minimum	Maximum
Resource 1	3.7404	0.054259392	0	4.0000
Scanner1 Agent	0.9999	(Insufficient)	0	1.0000
Scanner2 Agent	0.9908	0.001977221	0	1.0000
Scanner3 Agent	0.9024	0.008221545	0	1.0000
Scanner4 Agent	0.8435	0.030401876	0	1.0000
Scanner5	0	(Insufficient)	0	0

Number Scheduled	Average	Half Width	Minimum	Maximum
Resource 1	4.0000	(Insufficient)	4.0000	4.0000
Scanner1 Agent	1.0000	(Insufficient)	1.0000	1.0000
Scanner2 Agent	1.0000	(Insufficient)	1.0000	1.0000
Scanner3 Agent	1.0000	(Insufficient)	1.0000	1.0000
Scanner4 Agent	1.0000	(Insufficient)	1.0000	1.0000
Scanner5	1.0000	(Insufficient)	1.0000	1.0000

Scheduled Utilization	Value
Resource 1	0.9351
Scanner1 Agent	0.9999
Scanner2 Agent	0.9908
Scanner3 Agent	0.9024
Scanner4 Agent	0.8435
Scanner5	0

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Resource

Usage

Total Number Seized	Value
Resource 1	50,205.00
Scanner1 Agent	13,423.00
Scanner2 Agent	13,346.00
Scanner3 Agent	12,112.00
Scanner4 Agent	11,307.00
Scanner5	0

System

Other

Number Out	Value
System	50,184