

Simple Processing

Replications: 5

Replication 1

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Part	3.2298	(Insufficient)	2.0679	4.5167
NVA Time	Average	Half Width	Minimum	Maximum
Part	0	(Insufficient)	0	0
Wait Time	Average	Half Width	Minimum	Maximum
Part	6.9595	(Insufficient)	0	14.9557
Transfer Time	Average	Half Width	Minimum	Maximum
Part	0	(Insufficient)	0	0
Other Time	Average	Half Width	Minimum	Maximum
Part	0	(Insufficient)	0	0
Total Time	Average	Half Width	Minimum	Maximum
Part	10.1894	(Insufficient)	2.8956	17.0236

Other

Number In	Value			
Part	8			
Number Out	Value			
Part	6			
WIP	Average	Half Width	Minimum	Maximum
Part	3.8771	(Insufficient)	0	6.0000

Process

Time per Entity

Simple Processing

Replications: 5

Replication 1

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Process

Time per Entity

VA Time Per Entity	Average	Half Width	Minimum	Maximum
Drilling Center	3.2298	(Insufficient)	2.0679	4.5167
Wait Time Per Entity	Average	Half Width	Minimum	Maximum
Drilling Center	6.9595	(Insufficient)	0	14.9557
Total Time Per Entity	Average	Half Width	Minimum	Maximum
Drilling Center	10.1894	(Insufficient)	2.8956	17.0236

Accumulated Time

Accum VA Time	Value
Drilling Center	19.3789
Accum Wait Time	Value
Drilling Center	41.7572

Other

Number In	Value
Drilling Center	8
Number Out	Value
Drilling Center	6

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Drilling Center.Queue	7.3775	(Insufficient)	0	14.9557

Other

Simple Processing

Replications: 5

Replication 1

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Drilling Center.Queue	2.8771	(Insufficient)	0	5.0000

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Drill Press	1.0000	(Insufficient)	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Drill Press	1.0000	(Insufficient)	0	1.0000
Number Scheduled	Average	Half Width	Minimum	Maximum
Drill Press	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	Value			
Drill Press	1.0000			
Total Number Seized	Value			
Drill Press	7.0000			

System

Other

Number Out	Value
System	6

Replication 2

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Entity

Simple Processing

Replications: 5

Replication 2

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Part	4.2569	(Insufficient)	3.0694	5.2981
NVA Time	Average	Half Width	Minimum	Maximum
Part	0	(Insufficient)	0	0
Wait Time	Average	Half Width	Minimum	Maximum
Part	1.3552	(Insufficient)	0	3.8302
Transfer Time	Average	Half Width	Minimum	Maximum
Part	0	(Insufficient)	0	0
Other Time	Average	Half Width	Minimum	Maximum
Part	0	(Insufficient)	0	0
Total Time	Average	Half Width	Minimum	Maximum
Part	5.6121	(Insufficient)	4.0988	6.8996

Other

Number In	Value			
Part	5			
Number Out	Value			
Part	4			
WIP	Average	Half Width	Minimum	Maximum
Part	1.4460	(Insufficient)	0	2.0000

Process

Time per Entity

Simple Processing

Replications: 5

Replication 2

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Process

Time per Entity

VA Time Per Entity	Average	Half Width	Minimum	Maximum
Drilling Center	4.2569	(Insufficient)	3.0694	5.2981
Wait Time Per Entity	Average	Half Width	Minimum	Maximum
Drilling Center	1.3552	(Insufficient)	0	3.8302
Total Time Per Entity	Average	Half Width	Minimum	Maximum
Drilling Center	5.6121	(Insufficient)	4.0988	6.8996

Accumulated Time

Accum VA Time	Value
Drilling Center	17.0277
Accum Wait Time	Value
Drilling Center	5.4206

Other

Number In	Value
Drilling Center	5
Number Out	Value
Drilling Center	4

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Drilling Center.Queue	2.0971	(Insufficient)	0	5.0649

Other

Simple Processing

Replications: 5

Replication 2

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Drilling Center.Queue	0.5243	(Insufficient)	0	1.0000

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Drill Press	0.9217	(Insufficient)	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Drill Press	0.9217	(Insufficient)	0	1.0000
Number Scheduled	Average	Half Width	Minimum	Maximum
Drill Press	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	Value			
Drill Press	0.9217			
Total Number Seized	Value			
Drill Press	5.0000			

System

Other

Number Out	Value
System	4

Replication 3

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Entity

Simple Processing

Replications: 5

Replication 3

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Part	3.0526	(Insufficient)	1.2022	5.2686
NVA Time	Average	Half Width	Minimum	Maximum
Part	0	(Insufficient)	0	0
Wait Time	Average	Half Width	Minimum	Maximum
Part	2.8476	(Insufficient)	0	4.8108
Transfer Time	Average	Half Width	Minimum	Maximum
Part	0	(Insufficient)	0	0
Other Time	Average	Half Width	Minimum	Maximum
Part	0	(Insufficient)	0	0
Total Time	Average	Half Width	Minimum	Maximum
Part	5.9001	(Insufficient)	1.2022	9.3630

Other

Number In	Value			
Part	10			
Number Out	Value			
Part	6			
WIP	Average	Half Width	Minimum	Maximum
Part	2.7074	(Insufficient)	0	4.0000

Process

Time per Entity

Simple Processing

Replications: 5

Replication 3

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Process

Time per Entity

VA Time Per Entity	Average	Half Width	Minimum	Maximum
Drilling Center	3.0526	(Insufficient)	1.2022	5.2686
Wait Time Per Entity	Average	Half Width	Minimum	Maximum
Drilling Center	2.8476	(Insufficient)	0	4.8108
Total Time Per Entity	Average	Half Width	Minimum	Maximum
Drilling Center	5.9001	(Insufficient)	1.2022	9.3630

Accumulated Time

Accum VA Time	Value
Drilling Center	18.3154
Accum Wait Time	Value
Drilling Center	17.0853

Other

Number In	Value
Drilling Center	10
Number Out	Value
Drilling Center	6

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Drilling Center.Queue	3.5204	(Insufficient)	0	7.5578

Other

Simple Processing

Replications: 5

Replication 3

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Drilling Center.Queue	1.7074	(Insufficient)	0	3.0000

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Drill Press	1.0000	(Insufficient)	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Drill Press	1.0000	(Insufficient)	0	1.0000
Number Scheduled	Average	Half Width	Minimum	Maximum
Drill Press	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	Value			
Drill Press	1.0000			
Total Number Seized	Value			
Drill Press	7.0000			

System

Other

Number Out	Value
System	6

Replication 4

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Entity

Simple Processing

Replications: 5

Replication 4

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Part	4.5867	(Insufficient)	3.0665	5.7166
NVA Time	Average	Half Width	Minimum	Maximum
Part	0	(Insufficient)	0	0
Wait Time	Average	Half Width	Minimum	Maximum
Part	2.3399	(Insufficient)	0	4.8794
Transfer Time	Average	Half Width	Minimum	Maximum
Part	0	(Insufficient)	0	0
Other Time	Average	Half Width	Minimum	Maximum
Part	0	(Insufficient)	0	0
Total Time	Average	Half Width	Minimum	Maximum
Part	6.9266	(Insufficient)	5.0961	8.9477

Other

Number In	Value			
Part	6			
Number Out	Value			
Part	4			
WIP	Average	Half Width	Minimum	Maximum
Part	1.7150	(Insufficient)	0	3.0000

Process

Time per Entity

Simple Processing

Replications: 5

Replication 4

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Process

Time per Entity

VA Time Per Entity	Average	Half Width	Minimum	Maximum
Drilling Center	4.5867	(Insufficient)	3.0665	5.7166
Wait Time Per Entity	Average	Half Width	Minimum	Maximum
Drilling Center	2.3399	(Insufficient)	0	4.8794
Total Time Per Entity	Average	Half Width	Minimum	Maximum
Drilling Center	6.9266	(Insufficient)	5.0961	8.9477

Accumulated Time

Accum VA Time	Value
Drilling Center	18.3467
Accum Wait Time	Value
Drilling Center	9.3596

Other

Number In	Value
Drilling Center	6
Number Out	Value
Drilling Center	4

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Drilling Center.Queue	2.8129	(Insufficient)	0	4.8794

Other

Simple Processing

Replications: 5

Replication 4

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Drilling Center.Queue	0.7671	(Insufficient)	0	2.0000

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Drill Press	0.9479	(Insufficient)	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Drill Press	0.9479	(Insufficient)	0	1.0000
Number Scheduled	Average	Half Width	Minimum	Maximum
Drill Press	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	Value			
Drill Press	0.9479			
Total Number Seized	Value			
Drill Press	5.0000			

System

Other

Number Out	Value
System	4

Replication 5

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Entity

Simple Processing

Replications: 5

Replication 5

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Entity

Time

VA Time	Average	Half Width	Minimum	Maximum
Part	3.5546	(Insufficient)	1.3456	4.9633
NVA Time	Average	Half Width	Minimum	Maximum
Part	0	(Insufficient)	0	0
Wait Time	Average	Half Width	Minimum	Maximum
Part	2.0196	(Insufficient)	0	4.5967
Transfer Time	Average	Half Width	Minimum	Maximum
Part	0	(Insufficient)	0	0
Other Time	Average	Half Width	Minimum	Maximum
Part	0	(Insufficient)	0	0
Total Time	Average	Half Width	Minimum	Maximum
Part	5.5741	(Insufficient)	4.4698	8.2554

Other

Number In	Value			
Part	11			
Number Out	Value			
Part	5			
WIP	Average	Half Width	Minimum	Maximum
Part	3.2467	(Insufficient)	0	6.0000

Process

Time per Entity

Simple Processing

Replications: 5

Replication 5

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Process

Time per Entity

VA Time Per Entity	Average	Half Width	Minimum	Maximum
Drilling Center	3.5546	(Insufficient)	1.3456	4.9633
Wait Time Per Entity	Average	Half Width	Minimum	Maximum
Drilling Center	2.0196	(Insufficient)	0	4.5967
Total Time Per Entity	Average	Half Width	Minimum	Maximum
Drilling Center	5.5741	(Insufficient)	4.4698	8.2554

Accumulated Time

Accum VA Time	Value
Drilling Center	17.7728
Accum Wait Time	Value
Drilling Center	10.0979

Other

Number In	Value
Drilling Center	11
Number Out	Value
Drilling Center	5

Queue

Time

Waiting Time	Average	Half Width	Minimum	Maximum
Drilling Center.Queue	2.9287	(Insufficient)	0	7.4741

Other

Simple Processing

Replications: 5

Replication 5

Start Time: 0.00 Stop Time: 20.00 Time Units: Minutes

Queue

Other

Number Waiting	Average	Half Width	Minimum	Maximum
Drilling Center.Queue	2.2467	(Insufficient)	0	5.0000

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum	Maximum
Drill Press	1.0000	(Insufficient)	0	1.0000
Number Busy	Average	Half Width	Minimum	Maximum
Drill Press	1.0000	(Insufficient)	0	1.0000
Number Scheduled	Average	Half Width	Minimum	Maximum
Drill Press	1.0000	(Insufficient)	1.0000	1.0000
Scheduled Utilization	Value			
Drill Press	1.0000			
Total Number Seized	Value			
Drill Press	6.0000			

System

Other

Number Out	Value
System	5