Values Across All Replications

## **Unnamed Project**

Replications: 10 Time Units: Hours

# **Key Performance Indicators**

All Entities	Average
Non-Value Added Cost	0
Other Cost	0
Transfer Cost	0
Value Added Cost	0
Wait Cost	0
Total Cost	0

All Resources	Average
Busy Cost	0
Idle Cost	0
Usage Cost	0

Total Cost 0

SystemAverageTotal Cost0Number Out11,056,527

Values Across All Replications

## **Unnamed Project**

10 Hours Replications: Time Units:

# Entity

VA Time	Average	Half Width	Minimum	Maximum	Minimum Value	Maximum Value
Fluxos de Dados	0.0000010	0,00	0.00000010	Average 0.0000010	0.00	0.01694444
NVA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Fluxos de Dados	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
Fluxos de Dados	0.00000000	0,00	0.00000000	0.00000000	0.00	0.02055556
Transfer Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Fluxos de Dados	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
Fluxos de Dados	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
Fluxos de Dados	0.0000010	0,00	0.00000010	0.0000010	0.00	0.02055565
Cost						
VA Cost	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Fluxos de Dados	0.00	0,00	0.00	0.00	0.00	0.00
NVA Cost	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Fluxos de Dados	0.00	0,00	0.00	0.00	0.00	0.00
Wait Cost	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Fluxos de Dados	0.00	0,00	0.00	0.00	0.00	0.00
Other Cost	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Fluxos de Dados	0.00	0,00	0.00	0.00	0.00	0.00

Values Across All Replications

## **Unnamed Project**

Replications: 10 Time Units: Hours

# **Entity**

#### Cost

Transfer Cost	Average	Half Width	Minimum	Maximum	Minimum	Maximum
	Average	riali vvidili	Average	Average	Value	Value
Fluxos de Dados	0.00	0,00	0.00	0.00	0.00	0.00
Total Cost			Minimum	Maximum	Minimum	Maximum
	Average	Half Width	Average	Average	Value	Value
Fluxos de Dados	0.00	0,00	0.00	0.00	0.00	0.00
Other						
Number In			Minimum	Maximum		
	Average	Half Width	Average	Average		
Fluxos de Dados	11056527	90.719,52	10972634	11277661		
Number Out			Minimum	Maximum		
	Average	Half Width	Average	Average		
Fluxos de Dados	11056527	90.719,39	10972634	11277661		
WIP			Minimum	Maximum	Minimum	Maximum
	Average	Half Width	Average	Average	Value	Value
Fluxos de Dados	0.4580	0,00	0.4521	0.4669	0.00	5.0000

Values Across All Replications

## **Unnamed Project**

Replications: 10 Time Units: Hours

#### **Process**

## **Time per Entity**

VA Time Per Entity			Minimum	Maximum	Minimum	Maximum
	Average	Half Width	Average	Average	Value	Value
Commit Time	0.00027778	0,00	0.00027778	0.00027778	0.00027778	0.00027778
CPU 1	0.00000002	0,00	0.00000002	0.00000002	0.0000001	0.00000004
CPU 10	0.00000002	0,00	0.00000002	0.00000002	0.0000001	0.00000004
CPU 2	0.00000002	0,00	0.00000002	0.00000002	0.0000001	0.00000003
CPU 3	0.00000002	0,00	0.00000002	0.00000002	0.0000001	0.00000003
CPU 4	0.00000002	0,00	0.00000002	0.00000002	0.0000001	0.00000004
CPU 5	0.00000002	0,00	0.00000002	0.00000002	0.00000001	0.00000003
CPU 6	0.00000002	0,00	0.00000002	0.00000002	0.00000001	0.00000003
CPU 7	0.00000002	0,00	0.00000002	0.00000002	0.0000001	0.00000004
CPU 8	0.00000000	0,00	0.00	0.00000003	0.00	0.00000003
Recovery	0.01666667	0,00	0.01666667	0.01666667	0.01666667	0.01666667
Wait Time Per Entity			Minimum	Maximum	Minimum	Maximum
•	Average	Half Width	Average	Average	Value	Value
Commit Time	0.00	0,00	0.00	0.00	0.00	0.00
CPU 1	0.00000000	0,00	0.00000000	0.00000000	0.00	0.02055556
CPU 10	0.00000000	0,00	0.00000000	0.00000000	0.00	0.00000003
CPU 2	0.0000003	0,00	0.00000003	0.00000003	0.0000001	0.00000006
CPU 3	0.0000005	0,00	0.00000005	0.00000005	0.00000003	0.00000008
CPU 4	0.00000000	0,00	0.00000000	0.00000000	0.00	0.00000005
CPU 5	0.0000003	0,00	0.00000003	0.00000003	0.0000001	0.00000006
CPU 6	0.0000005	0,00	0.00000005	0.00000006	0.00000004	0.00000007
CPU 7	0.00000000	0,00	0.00000000	0.00000000	0.00	0.00000002
CPU 8	0.00000000	0,00	0.00	0.00000002	0.00	0.00000002
Recovery	0.00	0,00	0.00	0.00	0.00	0.00

Values Across All Replications

## **Unnamed Project**

Replications: 10 Time Units: Hours

# **Process**

# **Time per Entity**

Total Time Per Entity	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Commit Time	0.00027778	0,00	0.00027778	0.00027778	0.00027778	0.00027778
CPU 1	0.00000002	0,00	0.00000002	0.00000003	0.0000001	0.02055558
CPU 10	0.00000002	0,00	0.00000002	0.00000002	0.0000001	0.00000005
CPU 2	0.00000005	0,00	0.00000005	0.00000005	0.00000003	0.00000008
CPU 3	0.0000007	0,00	0.00000007	0.00000007	0.00000005	0.00000010
CPU 4	0.00000002	0,00	0.00000002	0.00000002	0.0000001	0.00000008
CPU 5	0.00000005	0,00	0.00000005	0.00000005	0.00000003	0.00000008
CPU 6	0.0000007	0,00	0.00000007	0.00000008	0.00000005	0.00000009
CPU 7	0.00000002	0,00	0.00000002	0.00000002	0.0000001	0.00000005
CPU 8	0.0000001	0,00	0.00	0.00000005	0.00	0.00000005
Recovery	0.01666667	0,00	0.01666667	0.01666667	0.01666667	0.01666667

#### **Accumulated Time**

5

Values Across All Replications

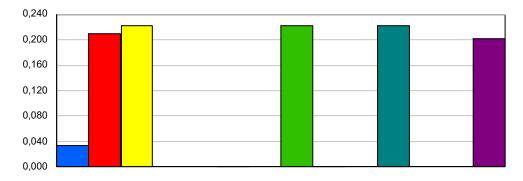
#### **Unnamed Project**

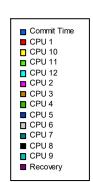
Replications: 10 Time Units: Hours

#### **Process**

#### **Accumulated Time**

Accum VA Time	Average	Half Width	Minimum Average	Maximum Average	
Commit Time	0.03308333	0,00	0.03277778	0.03388889	
CPU 1	0.2094	0,00	0.2055	0.2134	
CPU 10	0.2222	0,00	0.2222	0.2222	
CPU 11	0.00	0,00	0.00	0.00	
CPU 12	0.00	0,00	0.00	0.00	
CPU 2	0.00039620	0,00	0.00038559	0.00041175	
CPU 3	0.00000370	0,00	0.00000326	0.00000439	
CPU 4	0.2222	0,00	0.2222	0.2222	
CPU 5	0.00002535	0,00	0.00001401	0.00003682	
CPU 6	0.00000024	0,00	0.00000004	0.00000044	
CPU 7	0.2222	0,00	0.2222	0.2222	
CPU 8	0.00000000	0,00	0.00	0.00000003	
CPU 9	0.00	0,00	0.00	0.00	
Recovery	0.2017	0,02	0.1833	0.2500	





6

Values Across All Replications

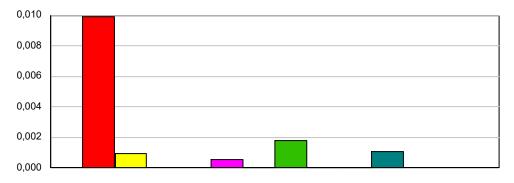
#### **Unnamed Project**

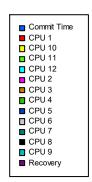
Replications: 10 Time Units: Hours

#### **Process**

#### **Accumulated Time**

Accum Wait Time	Average	Half Width	Minimum	Maximum
			Average	Average
Commit Time	0.00	0,00	0.00	0.00
CPU 1	0.00993443	0,00	0.00777084	0.02839864
CPU 10	0.00091555	0,00	0.00090479	0.00092411
CPU 11	0.00	0,00	0.00	0.00
CPU 12	0.00	0,00	0.00	0.00
CPU 2	0.00053330	0,00	0.00051877	0.00055406
CPU 3	0.00000837	0,00	0.00000752	0.00000986
CPU 4	0.00176440	0,00	0.00162170	0.00191227
CPU 5	0.00003422	0,00	0.00001875	0.00004998
CPU 6	0.0000055	0,00	0.00000011	0.00000108
CPU 7	0.00106943	0,00	0.00105467	0.00108527
CPU 8	0.00000000	0,00	0.00	0.00000002
CPU 9	0.00	0,00	0.00	0.00
Recovery	0.00	0,00	0.00	0.00





of

22

Values Across All Replications

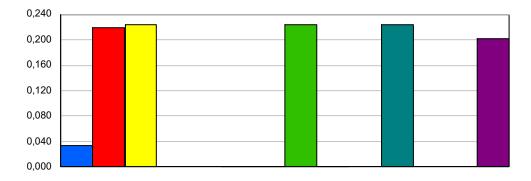
#### **Unnamed Project**

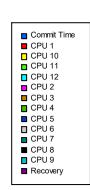
Replications: 10 Time Units: Hours

#### **Process**

#### **Accumulated Time**

Total Accum Time			Minimum	Maximum	
	Average	Half Width	Average	Average	
Commit Time	0.03308333	0,00	0.03277778	0.03388889	
CPU 1	0.2194	0,01	0.2133	0.2391	
CPU 10	0.2231	0,00	0.2231	0.2231	
CPU 11	0.00	0,00	0.00	0.00	
CPU 12	0.00	0,00	0.00	0.00	
CPU 2	0.00092950	0,00	0.00090436	0.00096580	
CPU 3	0.00001208	0,00	0.00001083	0.00001424	
CPU 4	0.2240	0,00	0.2238	0.2241	
CPU 5	0.00005957	0,00	0.00003276	0.00008680	
CPU 6	0.0000079	0,00	0.00000015	0.00000151	
CPU 7	0.2233	0,00	0.2233	0.2233	
CPU 8	0.0000001	0,00	0.00	0.00000005	
CPU 9	0.00	0,00	0.00	0.00	
Recovery	0.2017	0,02	0.1833	0.2500	





## **Cost per Entity**

8

Values Across All Replications

## **Unnamed Project**

Replications: 10 Time Units: Hours

## **Process**

## **Cost per Entity**

VA Cost Per Entity	Average	Half Width	Minimum	Maximum	Minimum	Maximum
			Average	Average	Value	Value
Commit Time	0.00	0,00	0.00	0.00	0.00	0.00
CPU 1	0.00	0,00	0.00	0.00	0.00	0.00
CPU 10	0.00	0,00	0.00	0.00	0.00	0.00
CPU 2	0.00	0,00	0.00	0.00	0.00	0.00
CPU 3	0.00	0,00	0.00	0.00	0.00	0.00
CPU 4	0.00	0,00	0.00	0.00	0.00	0.00
CPU 5	0.00	0,00	0.00	0.00	0.00	0.00
CPU 6	0.00	0,00	0.00	0.00	0.00	0.00
CPU 7	0.00	0,00	0.00	0.00	0.00	0.00
CPU 8	0.00	0,00	0.00	0.00	0.00	0.00
Recovery	0.00	0,00	0.00	0.00	0.00	0.00
W " 0 + B = #						N. 4
Wait Cost Per Entity			Minimum	Maximum	Minimum	Maximum
Wait Cost Per Entity	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Commit Time	Average 0.00	Half Width 0,00				
			Average	Average	Value	Value
Commit Time	0.00	0,00	Average 0.00	Average 0.00	Value 0.00	Value 0.00
Commit Time CPU 1	0.00 0.00	0,00 0,00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
Commit Time CPU 1 CPU 10	0.00 0.00 0.00	0,00 0,00 0,00	0.00 0.00 0.00	0.00 0.00 0.00 0.00	Value 0.00 0.00 0.00	0.00 0.00 0.00
Commit Time CPU 1 CPU 10 CPU 2	0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	Value 0.00 0.00 0.00 0.00	Value 0.00 0.00 0.00 0.00
Commit Time CPU 1 CPU 10 CPU 2 CPU 3	0.00 0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00	0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	Value 0.00 0.00 0.00 0.00 0.00 0.00	Value 0.00 0.00 0.00 0.00 0.00
Commit Time CPU 1 CPU 10 CPU 2 CPU 3 CPU 4	0.00 0.00 0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00 0,00	0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	Value 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Value 0.00 0.00 0.00 0.00 0.00 0.00 0.00
Commit Time CPU 1 CPU 10 CPU 2 CPU 3 CPU 4 CPU 5	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00 0,00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	Value 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Value 0.00 0.00 0.00 0.00 0.00 0.00 0.00
Commit Time CPU 1 CPU 10 CPU 2 CPU 3 CPU 4 CPU 5 CPU 6	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00 0,00 0,00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Average  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00	Value 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Value 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.
Commit Time CPU 1 CPU 10 CPU 2 CPU 3 CPU 4 CPU 5 CPU 6 CPU 7	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Average  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00	Value 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Value 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.

9

Values Across All Replications

## **Unnamed Project**

10 Hours Replications: Time Units:

## **Process**

# **Cost per Entity**

Total Cost Per Entity				Maximum	Minimum	Maximum
	Average	Half Width	Average	Average	Value	Value
Commit Time	0.00	0,00	0.00	0.00	0.00	0.00
CPU 1	0.00	0,00	0.00	0.00	0.00	0.00
CPU 10	0.00	0,00	0.00	0.00	0.00	0.00
CPU 2	0.00	0,00	0.00	0.00	0.00	0.00
CPU 3	0.00	0,00	0.00	0.00	0.00	0.00
CPU 4	0.00	0,00	0.00	0.00	0.00	0.00
CPU 5	0.00	0,00	0.00	0.00	0.00	0.00
CPU 6	0.00	0,00	0.00	0.00	0.00	0.00
CPU 7	0.00	0,00	0.00	0.00	0.00	0.00
CPU 8	0.00	0,00	0.00	0.00	0.00	0.00
Recovery	0.00	0,00	0.00	0.00	0.00	0.00

#### **Accumulated Cost**

Accum VA Cost	Average	Half Width	Minimum	Maximum
Commit Time	0.00	0,00	Average 0.00	Average 0.00
CPU 1	0.00	0,00	0.00	0.00
CPU 10	0.00	0,00	0.00	0.00
CPU 11	0.00	0,00	0.00	0.00
CPU 12	0.00	0,00	0.00	0.00
CPU 2	0.00	0,00	0.00	0.00
CPU 3	0.00	0,00	0.00	0.00
CPU 4	0.00	0,00	0.00	0.00
CPU 5	0.00	0,00	0.00	0.00
CPU 6	0.00	0,00	0.00	0.00
CPU 7	0.00	0,00	0.00	0.00
CPU 8	0.00	0,00	0.00	0.00
CPU 9	0.00	0,00	0.00	0.00
Recovery	0.00	0,00	0.00	0.00

Values Across All Replications

## **Unnamed Project**

Replications: 10 Time Units: Hours

#### **Process**

#### **Accumulated Cost**

Accum Wait Cost	Average	Half Width	Minimum Average	Maximum Average	
Commit Time	0.00	0,00	0.00	0.00	
CPU 1	0.00	0,00	0.00	0.00	
CPU 10	0.00	0,00	0.00	0.00	
CPU 11	0.00	0,00	0.00	0.00	
CPU 12	0.00	0,00	0.00	0.00	
CPU 2	0.00	0,00	0.00	0.00	
CPU 3	0.00	0,00	0.00	0.00	
CPU 4	0.00	0,00	0.00	0.00	
CPU 5	0.00	0,00	0.00	0.00	
CPU 6	0.00	0,00	0.00	0.00	
CPU 7	0.00	0,00	0.00	0.00	
CPU 8	0.00	0,00	0.00	0.00	
CPU 9	0.00	0,00	0.00	0.00	
Recovery	0.00	0,00	0.00	0.00	
Total Accum Cost	Average	Half Width	Minimum Average	Maximum Average	
Commit Time	0.00	0,00	0.00	0.00	
		,			
CPU 1	0.00	0,00	0.00	0.00	
CPU 1 CPU 10	0.00 0.00			0.00 0.00	
		0,00	0.00		
CPU 10	0.00	0,00 0,00	0.00 0.00	0.00	
CPU 10 CPU 11 CPU 12	0.00 0.00	0,00 0,00 0,00	0.00 0.00 0.00	0.00 0.00	
CPU 10 CPU 11 CPU 12	0.00 0.00 0.00	0,00 0,00 0,00 0,00	0.00 0.00 0.00 0.00	0.00 0.00 0.00	
CPU 10 CPU 11 CPU 12 CPU 2	0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	
CPU 10 CPU 11 CPU 12 CPU 2 CPU 3	0.00 0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	
CPU 10 CPU 11 CPU 12 CPU 2 CPU 3 CPU 4	0.00 0.00 0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00 0,00	0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	
CPU 10 CPU 11 CPU 12 CPU 2 CPU 3 CPU 4 CPU 5	0.00 0.00 0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00 0,00 0,00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	
CPU 10 CPU 11 CPU 12 CPU 2 CPU 3 CPU 4 CPU 5 CPU 6	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00	
CPU 10 CPU 11 CPU 12 CPU 2 CPU 3 CPU 4 CPU 5 CPU 6 CPU 7	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
CPU 10 CPU 11 CPU 12 CPU 2 CPU 3 CPU 4 CPU 5 CPU 6 CPU 7 CPU 8	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	

Values Across All Replications

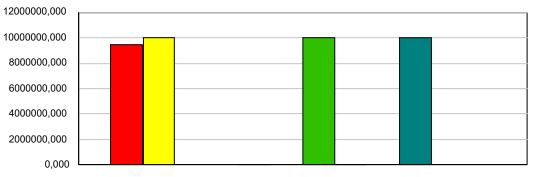
#### **Unnamed Project**

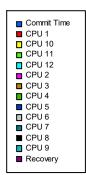
10 Hours Replications: Time Units:

#### **Process**

#### **Other**

Number In			Minimum	Maximum
	Average	Half Width	Average	Average
Commit Time	119.10	1,19	118.00	122.00
CPU 1	9423602.20	80.878,77	9250004.00	9600076.00
CPU 10	10000041	3,21	10000034	10000048
CPU 11	0.00	0,00	0.00	0.00
CPU 12	0.00	0,00	0.00	0.00
CPU 2	17825.90	286,85	17350.00	18541.00
CPU 3	166.10	10,90	148.00	197.00
CPU 4	9998889.90	225,09	9998373.00	9999418.00
CPU 5	1140.30	222,79	626.00	1656.00
CPU 6	10.9000	4,62	2.0000	21.0000
CPU 7	10000041	3,22	10000034	10000048
CPU 8	0.1000	0,23	0.00	1.0000
CPU 9	0.00	0,00	0.00	0.00
Recovery	12.1000	1,19	11.0000	15.0000





22

Values Across All Replications

## **Unnamed Project**

10 Hours Replications: Time Units:

## **Process**

#### Other

Number Out	_		Minimum	Maximum
	Average	Half Width	Average	Average
Commit Time	119.10	1,19	118.00	122.00
CPU 1	9423602.10	80.878,74	9250004.00	9600076.00
CPU 10	10000041	3,21	10000034	10000048
CPU 11	0.00	0,00	0.00	0.00
CPU 12	0.00	0,00	0.00	0.00
CPU 2	17825.90	286,85	17350.00	18541.00
CPU 3	166.10	10,90	148.00	197.00
CPU 4	9998889.80	225,22	9998372.00	9999418.00
CPU 5	1140.30	222,79	626.00	1656.00
CPU 6	10.9000	4,62	2.0000	21.0000
CPU 7	10000041	3,25	10000034	10000048
CPU 8	0.1000	0,23	0.00	1.0000
CPU 9	0.00	0,00	0.00	0.00
Recovery	12.1000	1,19	11.0000	15.0000

Values Across All Replications

## **Unnamed Project**

Replications: 10 Time Units: Hours

#### Queue

#### **Time**

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Commit Time.Queue	0.00	0,00	0.00	0.00	0.00	0.00
CPU 1.Queue	0.00000000	0,00	0.00000000	0.00000000	0.00	0.02055556
CPU 10.Queue	0.00000000	0,00	0.00000000	0.00000000	0.00	0.00000003
CPU 2.Queue	0.0000003	0,00	0.00000003	0.00000003	0.0000001	0.00000006
CPU 3.Queue	0.0000005	0,00	0.00000005	0.00000005	0.00000003	800000008
CPU 4.Queue	0.00000000	0,00	0.00000000	0.00000000	0.00	0.00000005
CPU 5.Queue	0.0000003	0,00	0.00000003	0.00000003	0.0000001	0.00000006
CPU 6.Queue	0.0000005	0,00	0.00000005	0.00000006	0.00000004	0.00000007
CPU 7.Queue	0.00000000	0,00	0.00000000	0.00000000	0.00	0.00000002
CPU 8.Queue	0.00000000	0,00	0.00	0.00000002	0.00	0.00000002
Recovery.Queue	0.00	0,00	0.00	0.00	0.00	0.00

#### Cost

Waiting Cost	Average	Half Width	Minimum	Maximum	Minimum	Maximum
	Average	Tiali Widti	Average	Average	Value	Value
Commit Time.Queue	0.00	0,00	0.00	0.00	0.00	0.00
CPU 1.Queue	0.00	0,00	0.00	0.00	0.00	0.00
CPU 10.Queue	0.00	0,00	0.00	0.00	0.00	0.00
CPU 2.Queue	0.00	0,00	0.00	0.00	0.00	0.00
CPU 3.Queue	0.00	0,00	0.00	0.00	0.00	0.00
CPU 4.Queue	0.00	0,00	0.00	0.00	0.00	0.00
CPU 5.Queue	0.00	0,00	0.00	0.00	0.00	0.00
CPU 6.Queue	0.00	0,00	0.00	0.00	0.00	0.00
CPU 7.Queue	0.00	0,00	0.00	0.00	0.00	0.00
CPU 8.Queue	0.00	0,00	0.00	0.00	0.00	0.00
Recovery.Queue	0.00	0,00	0.00	0.00	0.00	0.00

#### **Other**

Values Across All Replications

## **Unnamed Project**

Replications: 10 Time Units: Hours

Queue

#### Other

Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Commit Time.Queue	0.00	0,00	0.00	0.00	0.00	0.00
CPU 1.Queue	0.00405026	0,00	0.00310071	0.01164660	0.00	1.0000
CPU 10.Queue	0.00037265	0,00	0.00036728	0.00037724	0.00	1.0000
CPU 11.Queue	0.00	0,00	0.00	0.00	0.00	0.00
CPU 12.Queue	0.00	0,00	0.00	0.00	0.00	0.00
CPU 2.Queue	0.00021709	0,00	0.00020700	0.00022566	0.00	1.0000
CPU 3.Queue	0.00000341	0,00	0.00000308	0.00000393	0.00	1.0000
CPU 4.Queue	0.00071795	0,00	0.00066049	0.00076303	0.00	1.0000
CPU 5.Queue	0.00001391	0,00	0.00000763	0.00001994	0.00	1.0000
CPU 6.Queue	0.00000022	0,00	0.00000005	0.00000043	0.00	1.0000
CPU 7.Queue	0.00043528	0,00	0.00043049	0.00044044	0.00	1.0000
CPU 8.Queue	0.00000000	0,00	0.00	0.00000001	0.00	1.0000
CPU 9.Queue	0.00	0,00	0.00	0.00	0.00	0.00
Recovery.Queue	0.00	0,00	0.00	0.00	0.00	0.00

Values Across All Replications

## **Unnamed Project**

10 Hours Replications: Time Units:

#### Resource

## **Usage**

Instantaneous Utilization	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Máquina Iniciador	0.0954	0,01	0.08862858	0.1133	0.00	1.0000
Operador 1	0.08541261	0,00	0.08217246	0.08706458	0.00	1.0000
Operador 2	0.0905	0,00	0.08866775	0.0911	0.00	1.0000
Operador 3	0.0905	0,00	0.08866445	0.0911	0.00	1.0000
Operador 4	0.0905	0,00	0.08866814	0.0911	0.00	1.0000
Recurso CPU 1	0.08524983	0,00	0.08201686	0.08689527	0.00	1.0000
Recurso CPU 10	0.0905	0,00	0.08866814	0.0911	0.00	1.0000
Recurso CPU 11	0.00	0,00	0.00	0.00	0.00	0.00
Recurso CPU 12	0.00	0,00	0.00	0.00	0.00	0.00
Recurso CPU 2	0.00016128	0,00	0.00015386	0.00016770	0.00	1.0000
Recurso CPU 3	0.0000151	0,00	0.00000134	0.00000175	0.00	1.0000
Recurso CPU 4	0.0904	0,00	0.08865291	0.0911	0.00	1.0000
Recurso CPU 5	0.00001030	0,00	0.00000571	0.00001469	0.00	1.0000
Recurso CPU 6	0.0000010	0,00	0.00000002	0.0000018	0.00	1.0000
Recurso CPU 7	0.0905	0,00	0.08866445	0.0911	0.00	1.0000
Recurso CPU 8	0.00000000	0,00	0.00	0.0000001	0.00	1.0000
Recurso CPU 9	0.00	0,00	0.00	0.00	0.00	0.00
Number Busy	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Máquina Iniciador	0.0954	0,01	0.08862858	0.1133	0.00	1.0000
Operador 1	0.08541261	0,00	0.08217246	0.08706458	0.00	1.0000
Operador 2	0.0905	0,00	0.08866775	0.0911	0.00	1.0000
Operador 3	0.0905	0,00	0.08866445	0.0911	0.00	1.0000
Operador 4	0.0905	0,00	0.08866814	0.0911	0.00	1.0000
Recurso CPU 1	0.08524983	0,00	0.08201686	0.08689527	0.00	1.0000
Recurso CPU 10	0.0905	0,00	0.08866814	0.0911	0.00	1.0000
Recurso CPU 11	0.00	0,00	0.00	0.00	0.00	0.00
Recurso CPU 12	0.00	0,00	0.00	0.00	0.00	0.00
Recurso CPU 2	0.00016128	0,00	0.00015386	0.00016770	0.00	1.0000
Recurso CPU 3	0.00000151	0,00	0.00000134	0.00000175	0.00	1.0000
Recurso CPU 4	0.0904	0,00	0.08865291	0.0911	0.00	1.0000
Recurso CPU 5	0.00001030	0,00	0.00000571	0.00001469	0.00	1.0000
Recurso CPU 6	0.0000010	0,00	0.00000002	0.00000018	0.00	1.0000
Recurso CPU 7	0.0905	0,00	0.08866445	0.0911	0.00	1.0000
Recurso CPU 8	0.00000000	0,00	0.00	0.0000001	0.00	1.0000
Recurso CPU 9						

janeiro 22, 2019

Values Across All Replications

## **Unnamed Project**

Replications: 10 Time Units: Hours

## Resource

# **Usage**

Number Scheduled	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Máquina Iniciador	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Operador 1	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Operador 2	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Operador 3	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Operador 4	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Recurso CPU 1	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Recurso CPU 10	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Recurso CPU 11	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Recurso CPU 12	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Recurso CPU 2	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Recurso CPU 3	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Recurso CPU 4	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Recurso CPU 5	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Recurso CPU 6	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Recurso CPU 7	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Recurso CPU 8	1.0000	0,00	1.0000	1.0000	1.0000	1.0000
Recurso CPU 9	1.0000	0,00	1.0000	1.0000	1.0000	1.0000

#### Values Across All Replications

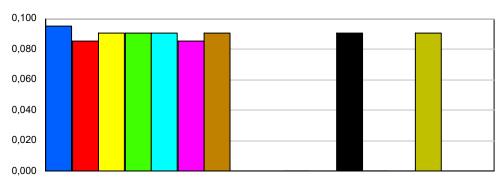
# **Unnamed Project**

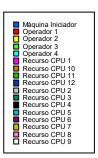
10 Hours Replications: Time Units:

#### Resource

# **Usage**

Scheduled Utilization			Minimum	Maximum
	Average	Half Width	Average	Average
Máquina Iniciador	0.0954	0,01	0.08862858	0.1133
Operador 1	0.08541261	0,00	0.08217246	0.08706458
Operador 2	0.0905	0,00	0.08866775	0.0911
Operador 3	0.0905	0,00	0.08866445	0.0911
Operador 4	0.0905	0,00	0.08866814	0.0911
Recurso CPU 1	0.08524983	0,00	0.08201686	0.08689527
Recurso CPU 10	0.0905	0,00	0.08866814	0.0911
Recurso CPU 11	0.00	0,00	0.00	0.00
Recurso CPU 12	0.00	0,00	0.00	0.00
Recurso CPU 2	0.00016128	0,00	0.00015386	0.00016770
Recurso CPU 3	0.00000151	0,00	0.00000134	0.00000175
Recurso CPU 4	0.0904	0,00	0.08865291	0.0911
Recurso CPU 5	0.00001030	0,00	0.00000571	0.00001469
Recurso CPU 6	0.0000010	0,00	0.00000002	0.0000018
Recurso CPU 7	0.0905	0,00	0.08866445	0.0911
Recurso CPU 8	0.00000000	0,00	0.00	0.0000001
Recurso CPU 9	0.00	0,00	0.00	0.00





Values Across All Replications

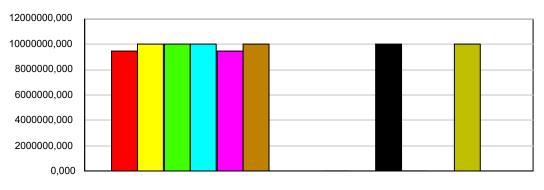
#### **Unnamed Project**

Replications: 10 Time Units: Hours

#### Resource

## **Usage**

otal Number Seized Minimum Maximum  Average Half Width Average Average
quina Iniciador 131.20 2,38 129.00 137.00
erador 1 9441594.20 81.069,65 9267551.00 9618793.00
erador 2 10000041 3,24 10000034 10000048
erador 3 10000041 3,18 10000034 10000048
erador 4 10000041 3,21 10000034 10000048
curso CPU 1 9423602.20 80.878,77 9250004.00 9600076.00
curso CPU 10 10000041 3,21 10000034 10000048
curso CPU 11 0.00 0,00 0.00 0.00
curso CPU 12 0.00 0,00 0.00 0.00
curso CPU 2 17825.90 286,85 17350.00 18541.00
curso CPU 3 166.10 10,90 148.00 197.00
curso CPU 4 9998889.90 225,09 9998373.00 9999418.00
curso CPU 5 1140.30 222,79 626.00 1656.00
curso CPU 6 10.9000 4,62 2.0000 21.0000
curso CPU 7 10000041 3,22 10000034 10000048
curso CPU 8 0.1000 0,23 0.00 1.0000
curso CPU 9 0.00 0,00 0.00 0.00





#### Cost

Values Across All Replications

## **Unnamed Project**

Replications: 10 Time Units: Hours

## Resource

#### Cost

Busy Cost	Average	Half Width	Minimum Average	Maximum Average	
Máquina Iniciador	0.00	0,00	0.00	0.00	
Operador 1	0.00	0,00	0.00	0.00	
Operador 2	0.00	0,00	0.00	0.00	
Operador 3	0.00	0,00	0.00	0.00	
Operador 4	0.00	0,00	0.00	0.00	
Recurso CPU 1	0.00	0,00	0.00	0.00	
Recurso CPU 10	0.00	0,00	0.00	0.00	
Recurso CPU 11	0.00	0,00	0.00	0.00	
Recurso CPU 12	0.00	0,00	0.00	0.00	
Recurso CPU 2	0.00	0,00	0.00	0.00	
Recurso CPU 3	0.00	0,00	0.00	0.00	
Recurso CPU 4	0.00	0,00	0.00	0.00	
Recurso CPU 5	0.00	0,00	0.00	0.00	
Recurso CPU 6	0.00	0,00	0.00	0.00	
Recurso CPU 7	0.00	0,00	0.00	0.00	
Recurso CPU 8	0.00	0,00	0.00	0.00	
Recurso CPU 9	0.00	0,00	0.00	0.00	
Idle Cost	Average	Half Width	Minimum Average	Maximum Average	
Máquina Iniciador	Average 0.00	Half Width 0,00			
			Average	Average	
Máquina Iniciador	0.00	0,00	Average 0.00	Average 0.00	
Máquina Iniciador Operador 1	0.00 0.00	0,00 0,00	0.00 0.00	0.00 0.00	
Máquina Iniciador Operador 1 Operador 2	0.00 0.00 0.00	0,00 0,00 0,00	0.00 0.00 0.00	0.00 0.00 0.00 0.00	
Máquina Iniciador Operador 1 Operador 2 Operador 3	0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	
Máquina Iniciador Operador 1 Operador 2 Operador 3 Operador 4	0.00 0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00	0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	
Máquina Iniciador Operador 1 Operador 2 Operador 3 Operador 4 Recurso CPU 1	0.00 0.00 0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00 0,00	0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	
Máquina Iniciador Operador 1 Operador 2 Operador 3 Operador 4 Recurso CPU 1 Recurso CPU 10	0.00 0.00 0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00 0,00 0,00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	
Máquina Iniciador Operador 1 Operador 2 Operador 3 Operador 4 Recurso CPU 1 Recurso CPU 10 Recurso CPU 11	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00 0,00 0,00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
Máquina Iniciador Operador 1 Operador 2 Operador 3 Operador 4 Recurso CPU 1 Recurso CPU 10 Recurso CPU 11 Recurso CPU 11	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
Máquina Iniciador Operador 1 Operador 2 Operador 3 Operador 4 Recurso CPU 1 Recurso CPU 10 Recurso CPU 11 Recurso CPU 11 Recurso CPU 12 Recurso CPU 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
Máquina Iniciador Operador 1 Operador 2 Operador 3 Operador 4 Recurso CPU 1 Recurso CPU 10 Recurso CPU 11 Recurso CPU 12 Recurso CPU 2 Recurso CPU 3	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
Máquina Iniciador Operador 1 Operador 2 Operador 3 Operador 4 Recurso CPU 1 Recurso CPU 10 Recurso CPU 11 Recurso CPU 12 Recurso CPU 2 Recurso CPU 3 Recurso CPU 4	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Average  0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	
Máquina Iniciador Operador 1 Operador 2 Operador 3 Operador 4 Recurso CPU 1 Recurso CPU 10 Recurso CPU 11 Recurso CPU 12 Recurso CPU 2 Recurso CPU 3 Recurso CPU 4 Recurso CPU 5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Average  0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	
Máquina Iniciador Operador 1 Operador 2 Operador 3 Operador 4 Recurso CPU 1 Recurso CPU 10 Recurso CPU 11 Recurso CPU 12 Recurso CPU 2 Recurso CPU 3 Recurso CPU 4 Recurso CPU 5 Recurso CPU 6	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Average  0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	

janeiro 22, 2019

Values Across All Replications

## **Unnamed Project**

Replications: 10 Time Units: Hours

## Resource

#### Cost

Usage Cost	Average	Half Width	Minimum Average	Maximum Average
Máquina Iniciador	0.00	0,00	0.00	0.00
Operador 1	0.00	0,00	0.00	0.00
Operador 2	0.00	0,00	0.00	0.00
Operador 3	0.00	0,00	0.00	0.00
Operador 4	0.00	0,00	0.00	0.00
Recurso CPU 1	0.00	0,00	0.00	0.00
Recurso CPU 10	0.00	0,00	0.00	0.00
Recurso CPU 11	0.00	0,00	0.00	0.00
Recurso CPU 12	0.00	0,00	0.00	0.00
Recurso CPU 2	0.00	0,00	0.00	0.00
Recurso CPU 3	0.00	0,00	0.00	0.00
Recurso CPU 4	0.00	0,00	0.00	0.00
Recurso CPU 5	0.00	0,00	0.00	0.00
Recurso CPU 6	0.00	0,00	0.00	0.00
Recurso CPU 7	0.00	0,00	0.00	0.00
Recurso CPU 8	0.00	0,00	0.00	0.00
Recurso CPU 9	0.00	0,00	0.00	0.00

Values Across All Replications

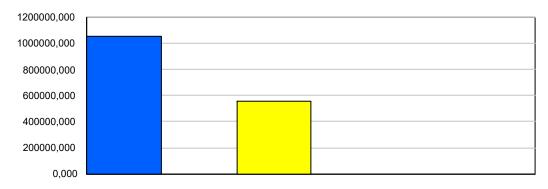
#### **Unnamed Project**

10 Hours Replications: Time Units:

#### **User Specified**

#### Counter

Count			Minimum	Maximum
	Average	Half Width	Average	Average
qtdeDescartados	1056367.00	90.716,28	972477.00	1277492
qtdeFalhas	14.8000	2,28	11.0000	21.0000
qtdeNaoProcessadosOp1	558447.00	81.069,92	381255.00	732494.00
qtdeNaoProcessadosOp2	0.00	0,00	0.00	0.00
qtdeNaoProcessadosOp3	0.00	0,00	0.00	0.00
qtdeNaoProcessadosOp4	0.00	0,00	0.00	0.00





#### **Time Persistent**

Variable		Half Width	Minimum	Maximum	Minimum	Maximum
	Average		Average	Average	Value	Value
tempoTotal	1.2285	0.01	1.2192	1.2531	0.00	2.5061