

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       |

| System     | Average   |
|------------|-----------|
| Total Cost | 0         |
| Number Out | 2,000,001 |

## Unnamed Project

Replications: 10      Time Units: Hours

### Entity

#### Time

| VA Time         | Average    | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|-----------------|------------|------------|-----------------|-----------------|---------------|---------------|
| Fluxos de Dados | 0.00000009 | 0,00       | 0.00000009      | 0.00000009      | 0.00000006    | 0.00000012    |
| 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 | 0.00000006 | 0,00       | 0.00000006      | 0.00000006      | 0.00          | 0.00000039    |
| 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 | 0.00000015 | 0,00       | 0.00000015      | 0.00000015      | 0.00000006    | 0.00000046    |

#### 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 Average | Maximum Average | Minimum Value | Maximum Value |
|-----------------|---------|------------|-----------------|-----------------|---------------|---------------|
| Fluxos de Dados | 0.00    | 0,00       | 0.00            | 0.00            | 0.00          | 0.00          |

| Total 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

| Number In       | Average    | Half Width | Minimum Average | Maximum Average |
|-----------------|------------|------------|-----------------|-----------------|
| Fluxos de Dados | 2000005.60 | 1,48       | 2000004.00      | 2000008.00      |

| Number Out      | Average    | Half Width | Minimum Average | Maximum Average |
|-----------------|------------|------------|-----------------|-----------------|
| Fluxos de Dados | 2000001.00 | 0,02       | 2000001.00      | 2000001.00      |

| WIP             | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|-----------------|---------|------------|-----------------|-----------------|---------------|---------------|
| Fluxos de Dados | 2.6307  | 0,01       | 2.6113          | 2.6558          | 0.00          | 16.0000       |

## Unnamed Project

Replications: 10      Time Units: Hours

## Process

### Time per Entity

| VA Time Per Entity | Average    | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|--------------------|------------|------------|-----------------|-----------------|---------------|---------------|
| CPU 1              | 0.00000002 | 0,00       | 0.00000002      | 0.00000002      | 0.00000001    | 0.00000004    |
| CPU 10             | 0.00000002 | 0,00       | 0.00000002      | 0.00000002      | 0.00000001    | 0.00000004    |
| CPU 11             | 0.00000002 | 0,00       | 0.00000002      | 0.00000002      | 0.00000001    | 0.00000003    |
| CPU 12             | 0.00000000 | 0,00       | 0.00            | 0.00000002      | 0.00          | 0.00000002    |
| CPU 2              | 0.00000002 | 0,00       | 0.00000002      | 0.00000002      | 0.00000001    | 0.00000004    |
| CPU 3              | 0.00000002 | 0,00       | 0.00000002      | 0.00000002      | 0.00000001    | 0.00000004    |
| CPU 4              | 0.00000002 | 0,00       | 0.00000002      | 0.00000002      | 0.00000001    | 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      | 0.00000001    | 0.00000004    |
| CPU 8              | 0.00000002 | 0,00       | 0.00000002      | 0.00000002      | 0.00000001    | 0.00000003    |
| CPU 9              | 0.00000002 | 0,00       | 0.00            | 0.00000003      | 0.00          | 0.00000003    |

| Wait Time Per Entity | Average    | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|----------------------|------------|------------|-----------------|-----------------|---------------|---------------|
| CPU 1                | 0.00000003 | 0,00       | 0.00000003      | 0.00000003      | 0.00          | 0.00000034    |
| CPU 10               | 0.00000000 | 0,00       | 0.00000000      | 0.00000000      | 0.00          | 0.00000019    |
| CPU 11               | 0.00000003 | 0,00       | 0.00000003      | 0.00000004      | 0.00000000    | 0.00000024    |
| CPU 12               | 0.00000001 | 0,00       | 0.00            | 0.00000008      | 0.00          | 0.00000008    |
| CPU 2                | 0.00000006 | 0,00       | 0.00000006      | 0.00000006      | 0.00000001    | 0.00000033    |
| CPU 3                | 0.00000008 | 0,00       | 0.00000007      | 0.00000008      | 0.00000003    | 0.00000035    |
| CPU 4                | 0.00000000 | 0,00       | 0.00000000      | 0.00000000      | 0.00          | 0.00000006    |
| CPU 5                | 0.00000003 | 0,00       | 0.00000003      | 0.00000003      | 0.00000001    | 0.00000006    |
| CPU 6                | 0.00000005 | 0,00       | 0.00000005      | 0.00000005      | 0.00000004    | 0.00000006    |
| CPU 7                | 0.00000000 | 0,00       | 0.00000000      | 0.00000000      | 0.00          | 0.00000024    |
| CPU 8                | 0.00000004 | 0,00       | 0.00000004      | 0.00000004      | 0.00000000    | 0.00000027    |
| CPU 9                | 0.00000004 | 0,00       | 0.00            | 0.00000007      | 0.00          | 0.00000012    |

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 |
|-----------------------|------------|------------|-----------------|-----------------|---------------|---------------|
| CPU 1                 | 0.00000005 | 0,00       | 0.00000005      | 0.00000006      | 0.00000001    | 0.00000036    |
| CPU 10                | 0.00000002 | 0,00       | 0.00000002      | 0.00000002      | 0.00000001    | 0.00000021    |
| CPU 11                | 0.00000006 | 0,00       | 0.00000005      | 0.00000006      | 0.00000002    | 0.00000026    |
| CPU 12                | 0.00000002 | 0,00       | 0.00            | 0.00000010      | 0.00          | 0.00000010    |
| CPU 2                 | 0.00000008 | 0,00       | 0.00000008      | 0.00000008      | 0.00000003    | 0.00000035    |
| CPU 3                 | 0.00000010 | 0,00       | 0.00000010      | 0.00000010      | 0.00000005    | 0.00000037    |
| CPU 4                 | 0.00000003 | 0,00       | 0.00000003      | 0.00000003      | 0.00000001    | 0.00000008    |
| CPU 5                 | 0.00000005 | 0,00       | 0.00000005      | 0.00000005      | 0.00000003    | 0.00000009    |
| CPU 6                 | 0.00000007 | 0,00       | 0.00000007      | 0.00000007      | 0.00000006    | 0.00000008    |
| CPU 7                 | 0.00000002 | 0,00       | 0.00000002      | 0.00000002      | 0.00000001    | 0.00000026    |
| CPU 8                 | 0.00000006 | 0,00       | 0.00000006      | 0.00000006      | 0.00000001    | 0.00000030    |
| CPU 9                 | 0.00000005 | 0,00       | 0.00            | 0.00000010      | 0.00          | 0.00000014    |

Accumulated Time

Values Across All Replications

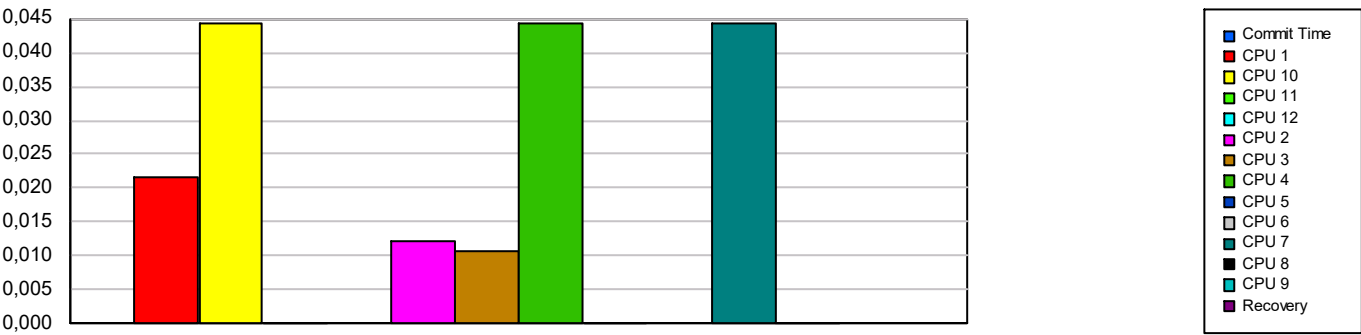
Unnamed Project

Replications: 10      Time Units: Hours

Process

Accumulated Time

| Accum VA Time | Average    | Half Width | Minimum Average | Maximum Average |
|---------------|------------|------------|-----------------|-----------------|
| Commit Time   | 0.00       | 0,00       | 0.00            | 0.00            |
| CPU 1         | 0.02166574 | 0,00       | 0.02161033      | 0.02171124      |
| CPU 10        | 0.04443008 | 0,00       | 0.04442722      | 0.04443259      |
| CPU 11        | 0.00001566 | 0,00       | 0.00001416      | 0.00001737      |
| CPU 12        | 0.00000000 | 0,00       | 0.00            | 0.00000002      |
| CPU 2         | 0.01209365 | 0,00       | 0.01205617      | 0.01213538      |
| CPU 3         | 0.01068580 | 0,00       | 0.01067267      | 0.01069910      |
| CPU 4         | 0.04426894 | 0,00       | 0.04424939      | 0.04428423      |
| CPU 5         | 0.00017428 | 0,00       | 0.00015828      | 0.00019115      |
| CPU 6         | 0.00000050 | 0,00       | 0.00000025      | 0.00000077      |
| CPU 7         | 0.04440705 | 0,00       | 0.04440130      | 0.04441462      |
| CPU 8         | 0.00003528 | 0,00       | 0.00003261      | 0.00004048      |
| CPU 9         | 0.00000003 | 0,00       | 0.00            | 0.00000009      |
| Recovery      | 0.00       | 0,00       | 0.00            | 0.00            |



Values Across All Replications

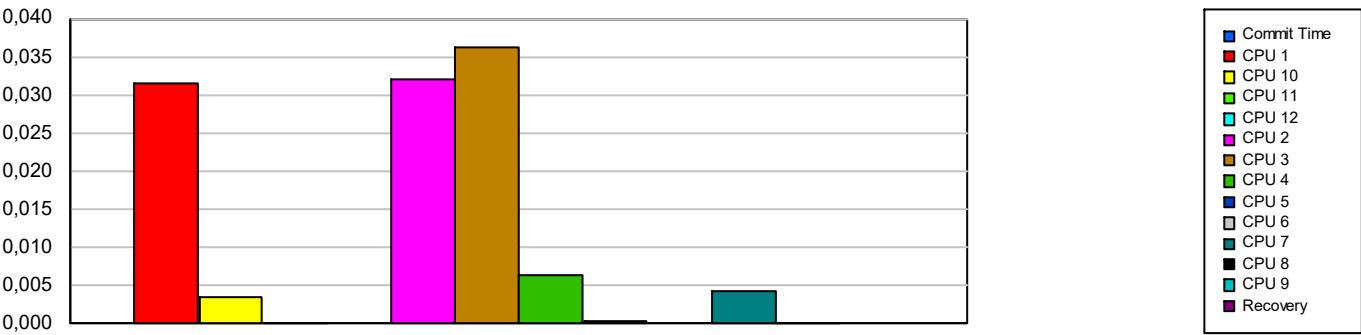
Unnamed Project

Replications: 10      Time Units: Hours

Process

Accumulated Time

| Accum Wait Time | Average    | Half Width | Minimum Average | Maximum Average |
|-----------------|------------|------------|-----------------|-----------------|
| Commit Time     | 0.00       | 0,00       | 0.00            | 0.00            |
| CPU 1           | 0.03154841 | 0,00       | 0.03060046      | 0.03275903      |
| CPU 10          | 0.00357434 | 0,00       | 0.00351797      | 0.00364082      |
| CPU 11          | 0.00002426 | 0,00       | 0.00002147      | 0.00002801      |
| CPU 12          | 0.00000001 | 0,00       | 0.00            | 0.00000008      |
| CPU 2           | 0.03213649 | 0,00       | 0.03153722      | 0.03292739      |
| CPU 3           | 0.03630200 | 0,00       | 0.03595995      | 0.03679124      |
| CPU 4           | 0.00629300 | 0,00       | 0.00617534      | 0.00640774      |
| CPU 5           | 0.00020283 | 0,00       | 0.00018404      | 0.00022255      |
| CPU 6           | 0.00000106 | 0,00       | 0.00000054      | 0.00000168      |
| CPU 7           | 0.00437794 | 0,00       | 0.00429821      | 0.00446655      |
| CPU 8           | 0.00006018 | 0,00       | 0.00005471      | 0.00006936      |
| CPU 9           | 0.00000008 | 0,00       | 0.00            | 0.00000021      |
| Recovery        | 0.00       | 0,00       | 0.00            | 0.00            |



Values Across All Replications

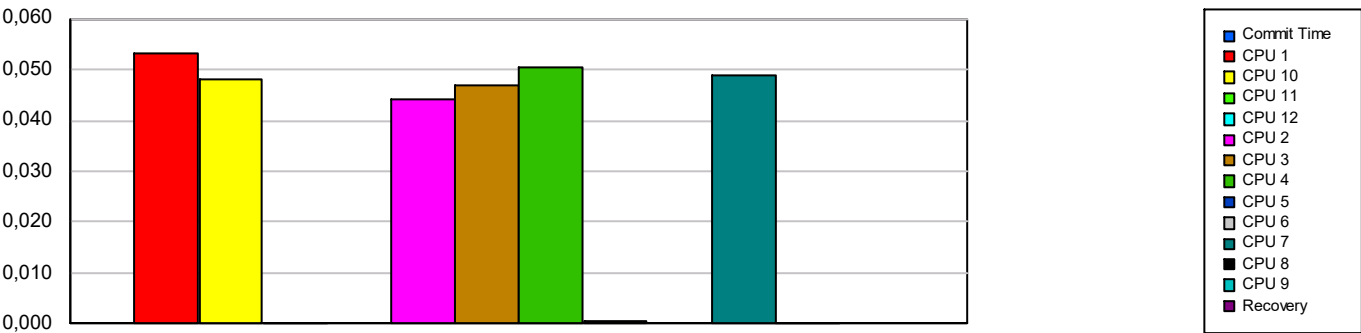
Unnamed Project

Replications: 10      Time Units: Hours

Process

Accumulated Time

| Total Accum Time | Average    | Half Width | Minimum Average | Maximum Average |
|------------------|------------|------------|-----------------|-----------------|
| Commit Time      | 0.00       | 0,00       | 0.00            | 0.00            |
| CPU 1            | 0.05321415 | 0,00       | 0.05231170      | 0.05436936      |
| CPU 10           | 0.04800442 | 0,00       | 0.04795055      | 0.04807099      |
| CPU 11           | 0.00003992 | 0,00       | 0.00003597      | 0.00004518      |
| CPU 12           | 0.00000002 | 0,00       | 0.00            | 0.00000010      |
| CPU 2            | 0.04423014 | 0,00       | 0.04359339      | 0.04506277      |
| CPU 3            | 0.04698780 | 0,00       | 0.04664146      | 0.04749034      |
| CPU 4            | 0.05056194 | 0,00       | 0.05045957      | 0.05066178      |
| CPU 5            | 0.00037711 | 0,00       | 0.00034232      | 0.00041370      |
| CPU 6            | 0.00000156 | 0,00       | 0.00000080      | 0.00000245      |
| CPU 7            | 0.04878500 | 0,00       | 0.04870479      | 0.04887437      |
| CPU 8            | 0.00009546 | 0,00       | 0.00008733      | 0.00010984      |
| CPU 9            | 0.00000011 | 0,00       | 0.00            | 0.00000030      |
| Recovery         | 0.00       | 0,00       | 0.00            | 0.00            |



Cost per Entity



## Unnamed Project

Replications: 10 Time Units: Hours

## Process

## Cost per Entity

| VA Cost Per Entity | Average | Half Width | Minimum<br>Average | Maximum<br>Average | Minimum<br>Value | Maximum<br>Value |
|--------------------|---------|------------|--------------------|--------------------|------------------|------------------|
| 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 11             | 0.00    | 0,00       | 0.00               | 0.00               | 0.00             | 0.00             |
| CPU 12             | 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             |
| CPU 9              | 0.00    | 0,00       | 0.00               | 0.00               | 0.00             | 0.00             |

| Wait Cost Per Entity | Average | Half Width | Minimum<br>Average | Maximum<br>Average | Minimum<br>Value | Maximum<br>Value |
|----------------------|---------|------------|--------------------|--------------------|------------------|------------------|
| 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 11               | 0.00    | 0,00       | 0.00               | 0.00               | 0.00             | 0.00             |
| CPU 12               | 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             |
| CPU 9                | 0.00    | 0,00       | 0.00               | 0.00               | 0.00             | 0.00             |

## Unnamed Project

Replications: 10      Time Units: Hours

## Process

### Cost per Entity

| Total Cost Per Entity | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|-----------------------|---------|------------|-----------------|-----------------|---------------|---------------|
| 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 11                | 0.00    | 0,00       | 0.00            | 0.00            | 0.00          | 0.00          |
| CPU 12                | 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          |
| CPU 9                 | 0.00    | 0,00       | 0.00            | 0.00            | 0.00          | 0.00          |

### Accumulated Cost

| Accum VA 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            |

**Unnamed Project**

Replications: 10 Time Units: Hours

**Process****Accumulated Cost**

| Accum Wait Cost  | Average | Half Width | Minimum<br>Average | Maximum<br>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<br>Average | Maximum<br>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               |

**Other**

Values Across All Replications

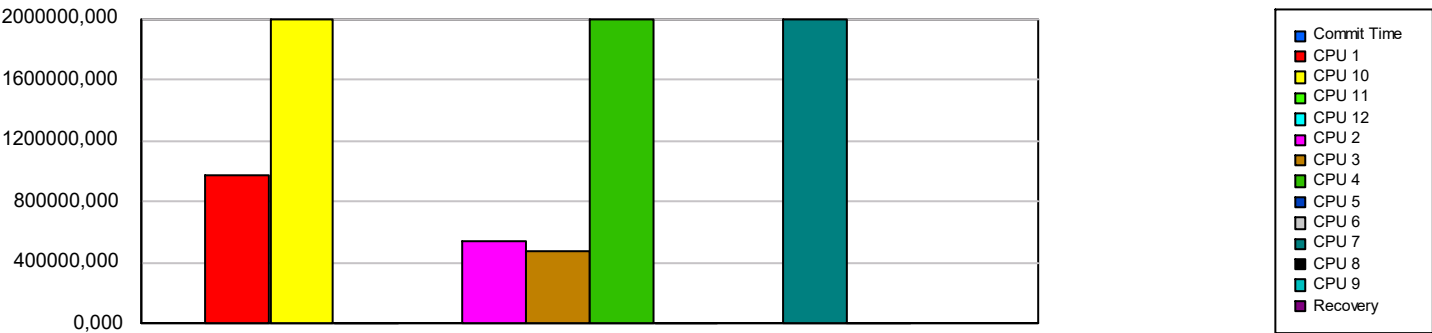
Unnamed Project

Replications: 10      Time Units: Hours

Process

Other

| Number In   | Average    | Half Width | Minimum Average | Maximum Average |
|-------------|------------|------------|-----------------|-----------------|
| Commit Time | 0.00       | 0,00       | 0.00            | 0.00            |
| CPU 1       | 974931.20  | 1.218,30   | 972410.00       | 977039.00       |
| CPU 10      | 1999297.40 | 36,96      | 1999218.00      | 1999368.00      |
| CPU 11      | 704.00     | 36,83      | 634.00          | 783.00          |
| CPU 12      | 0.2000     | 0,30       | 0.00            | 1.0000          |
| CPU 2       | 544211.90  | 946,84     | 542350.00       | 546115.00       |
| CPU 3       | 480862.50  | 306,41     | 480279.00       | 481479.00       |
| CPU 4       | 1992139.30 | 375,65     | 1991383.00      | 1992833.00      |
| CPU 5       | 7841.70    | 374,53     | 7149.00         | 8604.00         |
| CPU 6       | 22.5000    | 4,66       | 12.0000         | 35.0000         |
| CPU 7       | 1998413.40 | 80,95      | 1998191.00      | 1998532.00      |
| CPU 8       | 1587.50    | 80,78      | 1470.00         | 1811.00         |
| CPU 9       | 1.5000     | 1,03       | 0.00            | 4.0000          |
| Recovery    | 0.00       | 0,00       | 0.00            | 0.00            |



Values Across All Replications

Unnamed Project

Replications: 10      Time Units: Hours

Process

Other

| Number Out  | Average    | Half Width | Minimum Average | Maximum Average |
|-------------|------------|------------|-----------------|-----------------|
| Commit Time | 0.00       | 0,00       | 0.00            | 0.00            |
| CPU 1       | 974930.40  | 1.217,89   | 972410.00       | 977037.00       |
| CPU 10      | 1999296.80 | 36,83      | 1999218.00      | 1999367.00      |
| CPU 11      | 704.00     | 36,83      | 634.00          | 783.00          |
| CPU 12      | 0.2000     | 0,30       | 0.00            | 1.0000          |
| CPU 2       | 544211.40  | 947,11     | 542349.00       | 546115.00       |
| CPU 3       | 480861.70  | 306,60     | 480278.00       | 481479.00       |
| CPU 4       | 1992138.20 | 375,79     | 1991381.00      | 1992832.00      |
| CPU 5       | 7841.70    | 374,53     | 7149.00         | 8604.00         |
| CPU 6       | 22.5000    | 4,66       | 12.0000         | 35.0000         |
| CPU 7       | 1998412.60 | 81,03      | 1998190.00      | 1998531.00      |
| CPU 8       | 1587.50    | 80,78      | 1470.00         | 1811.00         |
| CPU 9       | 1.5000     | 1,03       | 0.00            | 4.0000          |
| Recovery    | 0.00       | 0,00       | 0.00            | 0.00            |

## Unnamed Project

Replications: 10      Time Units: Hours

## Queue

### Time

| Waiting Time | Average    | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|--------------|------------|------------|-----------------|-----------------|---------------|---------------|
| CPU 1.Queue  | 0.00000003 | 0,00       | 0.00000003      | 0.00000003      | 0.00          | 0.00000034    |
| CPU 10.Queue | 0.00000000 | 0,00       | 0.00000000      | 0.00000000      | 0.00          | 0.00000019    |
| CPU 11.Queue | 0.00000003 | 0,00       | 0.00000003      | 0.00000004      | 0.00000000    | 0.00000024    |
| CPU 12.Queue | 0.00000001 | 0,00       | 0.00            | 0.00000008      | 0.00          | 0.00000008    |
| CPU 2.Queue  | 0.00000006 | 0,00       | 0.00000006      | 0.00000006      | 0.00000001    | 0.00000033    |
| CPU 3.Queue  | 0.00000008 | 0,00       | 0.00000007      | 0.00000008      | 0.00000003    | 0.00000035    |
| CPU 4.Queue  | 0.00000000 | 0,00       | 0.00000000      | 0.00000000      | 0.00          | 0.00000006    |
| CPU 5.Queue  | 0.00000003 | 0,00       | 0.00000003      | 0.00000003      | 0.00000001    | 0.00000006    |
| CPU 6.Queue  | 0.00000005 | 0,00       | 0.00000005      | 0.00000005      | 0.00000004    | 0.00000006    |
| CPU 7.Queue  | 0.00000000 | 0,00       | 0.00000000      | 0.00000000      | 0.00          | 0.00000024    |
| CPU 8.Queue  | 0.00000004 | 0,00       | 0.00000004      | 0.00000004      | 0.00000000    | 0.00000027    |
| CPU 9.Queue  | 0.00000004 | 0,00       | 0.00            | 0.00000007      | 0.00          | 0.00000012    |

### Cost

| Waiting Cost | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|--------------|---------|------------|-----------------|-----------------|---------------|---------------|
| 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 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  | 0.00    | 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          |
| CPU 9.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       | 0.2839     | 0,00       | 0.2754          | 0.2948          | 0.00          | 5.0000        |
| CPU 10.Queue      | 0.03216944 | 0,00       | 0.03166275      | 0.03276732      | 0.00          | 1.0000        |
| CPU 11.Queue      | 0.00021833 | 0,00       | 0.00019322      | 0.00025210      | 0.00          | 1.0000        |
| CPU 12.Queue      | 0.00000012 | 0,00       | 0.00            | 0.00000072      | 0.00          | 1.0000        |
| CPU 2.Queue       | 0.2892     | 0,00       | 0.2838          | 0.2964          | 0.00          | 5.0000        |
| CPU 3.Queue       | 0.3267     | 0,00       | 0.3237          | 0.3311          | 0.00          | 5.0000        |
| CPU 4.Queue       | 0.05663772 | 0,00       | 0.05557986      | 0.05767045      | 0.00          | 1.0000        |
| CPU 5.Queue       | 0.00182548 | 0,00       | 0.00165641      | 0.00200298      | 0.00          | 1.0000        |
| CPU 6.Queue       | 0.00000955 | 0,00       | 0.00000489      | 0.00001511      | 0.00          | 1.0000        |
| CPU 7.Queue       | 0.03940197 | 0,00       | 0.03868510      | 0.04019943      | 0.00          | 1.0000        |
| CPU 8.Queue       | 0.00054165 | 0,00       | 0.00049242      | 0.00062425      | 0.00          | 1.0000        |
| CPU 9.Queue       | 0.00000072 | 0,00       | 0.00            | 0.00000190      | 0.00          | 1.0000        |
| Recovery.Queue    | 0.00       | 0,00       | 0.00            | 0.00            | 0.00          | 0.00          |

## Unnamed Project

Replications: 10      Time Units: Hours

## Resource

### Usage

| Instantaneous Utilization | Average    | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|---------------------------|------------|------------|-----------------|-----------------|---------------|---------------|
| Máquina Iniciador         | 0.00       | 0,00       | 0.00            | 0.00            | 0.00          | 0.00          |
| Operador 1                | 0.4000     | 0,00       | 0.3999          | 0.4001          | 0.00          | 1.0000        |
| Operador 2                | 0.4000     | 0,00       | 0.4000          | 0.4000          | 0.00          | 1.0000        |
| Operador 3                | 0.4000     | 0,00       | 0.3999          | 0.4000          | 0.00          | 1.0000        |
| Operador 4                | 0.4000     | 0,00       | 0.4000          | 0.4000          | 0.00          | 1.0000        |
| Recurso CPU 1             | 0.1950     | 0,00       | 0.1945          | 0.1954          | 0.00          | 1.0000        |
| Recurso CPU 10            | 0.3999     | 0,00       | 0.3999          | 0.3999          | 0.00          | 1.0000        |
| Recurso CPU 11            | 0.00014093 | 0,00       | 0.00012747      | 0.00015633      | 0.00          | 1.0000        |
| Recurso CPU 12            | 0.00000004 | 0,00       | 0.00            | 0.00000022      | 0.00          | 1.0000        |
| Recurso CPU 2             | 0.1088     | 0,00       | 0.1085          | 0.1092          | 0.00          | 1.0000        |
| Recurso CPU 3             | 0.0962     | 0,00       | 0.0961          | 0.0963          | 0.00          | 1.0000        |
| Recurso CPU 4             | 0.3984     | 0,00       | 0.3982          | 0.3986          | 0.00          | 1.0000        |
| Recurso CPU 5             | 0.00156852 | 0,00       | 0.00142455      | 0.00172032      | 0.00          | 1.0000        |
| Recurso CPU 6             | 0.00000448 | 0,00       | 0.00000228      | 0.00000694      | 0.00          | 1.0000        |
| Recurso CPU 7             | 0.3997     | 0,00       | 0.3996          | 0.3997          | 0.00          | 1.0000        |
| Recurso CPU 8             | 0.00031754 | 0,00       | 0.00029350      | 0.00036429      | 0.00          | 1.0000        |
| Recurso CPU 9             | 0.00000031 | 0,00       | 0.00            | 0.00000081      | 0.00          | 1.0000        |

| Number Busy       | Average    | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|-------------------|------------|------------|-----------------|-----------------|---------------|---------------|
| Máquina Iniciador | 0.00       | 0,00       | 0.00            | 0.00            | 0.00          | 0.00          |
| Operador 1        | 0.4000     | 0,00       | 0.3999          | 0.4001          | 0.00          | 1.0000        |
| Operador 2        | 0.4000     | 0,00       | 0.4000          | 0.4000          | 0.00          | 1.0000        |
| Operador 3        | 0.4000     | 0,00       | 0.3999          | 0.4000          | 0.00          | 1.0000        |
| Operador 4        | 0.4000     | 0,00       | 0.4000          | 0.4000          | 0.00          | 1.0000        |
| Recurso CPU 1     | 0.1950     | 0,00       | 0.1945          | 0.1954          | 0.00          | 1.0000        |
| Recurso CPU 10    | 0.3999     | 0,00       | 0.3999          | 0.3999          | 0.00          | 1.0000        |
| Recurso CPU 11    | 0.00014093 | 0,00       | 0.00012747      | 0.00015633      | 0.00          | 1.0000        |
| Recurso CPU 12    | 0.00000004 | 0,00       | 0.00            | 0.00000022      | 0.00          | 1.0000        |
| Recurso CPU 2     | 0.1088     | 0,00       | 0.1085          | 0.1092          | 0.00          | 1.0000        |
| Recurso CPU 3     | 0.0962     | 0,00       | 0.0961          | 0.0963          | 0.00          | 1.0000        |
| Recurso CPU 4     | 0.3984     | 0,00       | 0.3982          | 0.3986          | 0.00          | 1.0000        |
| Recurso CPU 5     | 0.00156852 | 0,00       | 0.00142455      | 0.00172032      | 0.00          | 1.0000        |
| Recurso CPU 6     | 0.00000448 | 0,00       | 0.00000228      | 0.00000694      | 0.00          | 1.0000        |
| Recurso CPU 7     | 0.3997     | 0,00       | 0.3996          | 0.3997          | 0.00          | 1.0000        |
| Recurso CPU 8     | 0.00031754 | 0,00       | 0.00029350      | 0.00036429      | 0.00          | 1.0000        |
| Recurso CPU 9     | 0.00000031 | 0,00       | 0.00            | 0.00000081      | 0.00          | 1.0000        |



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

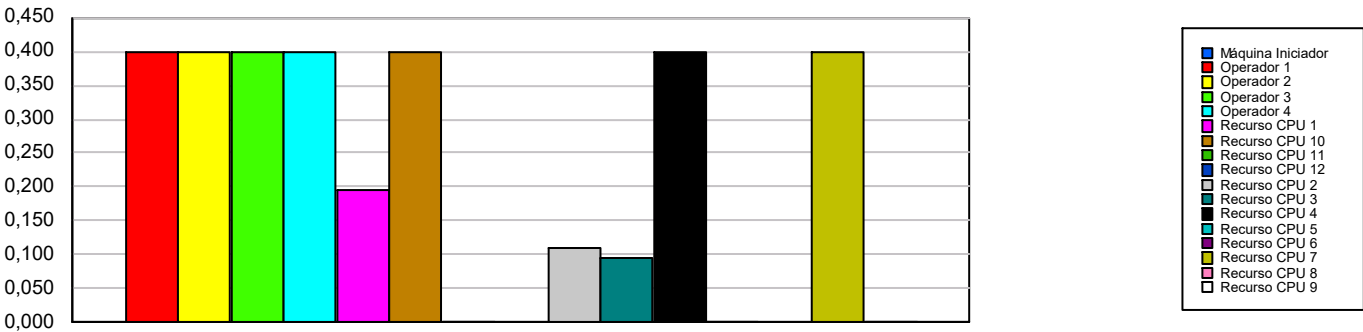
Unnamed Project

Replications: 10      Time Units: Hours

Resource

Usage

| Scheduled Utilization | Average    | Half Width | Minimum Average | Maximum Average |
|-----------------------|------------|------------|-----------------|-----------------|
| Máquina Iniciador     | 0.00       | 0,00       | 0.00            | 0.00            |
| Operador 1            | 0.4000     | 0,00       | 0.3999          | 0.4001          |
| Operador 2            | 0.4000     | 0,00       | 0.4000          | 0.4000          |
| Operador 3            | 0.4000     | 0,00       | 0.3999          | 0.4000          |
| Operador 4            | 0.4000     | 0,00       | 0.4000          | 0.4000          |
| Recurso CPU 1         | 0.1950     | 0,00       | 0.1945          | 0.1954          |
| Recurso CPU 10        | 0.3999     | 0,00       | 0.3999          | 0.3999          |
| Recurso CPU 11        | 0.00014093 | 0,00       | 0.00012747      | 0.00015633      |
| Recurso CPU 12        | 0.00000004 | 0,00       | 0.00            | 0.00000022      |
| Recurso CPU 2         | 0.1088     | 0,00       | 0.1085          | 0.1092          |
| Recurso CPU 3         | 0.0962     | 0,00       | 0.0961          | 0.0963          |
| Recurso CPU 4         | 0.3984     | 0,00       | 0.3982          | 0.3986          |
| Recurso CPU 5         | 0.00156852 | 0,00       | 0.00142455      | 0.00172032      |
| Recurso CPU 6         | 0.00000448 | 0,00       | 0.00000228      | 0.00000694      |
| Recurso CPU 7         | 0.3997     | 0,00       | 0.3996          | 0.3997          |
| Recurso CPU 8         | 0.00031754 | 0,00       | 0.00029350      | 0.00036429      |
| Recurso CPU 9         | 0.00000031 | 0,00       | 0.00            | 0.00000081      |



Values Across All Replications

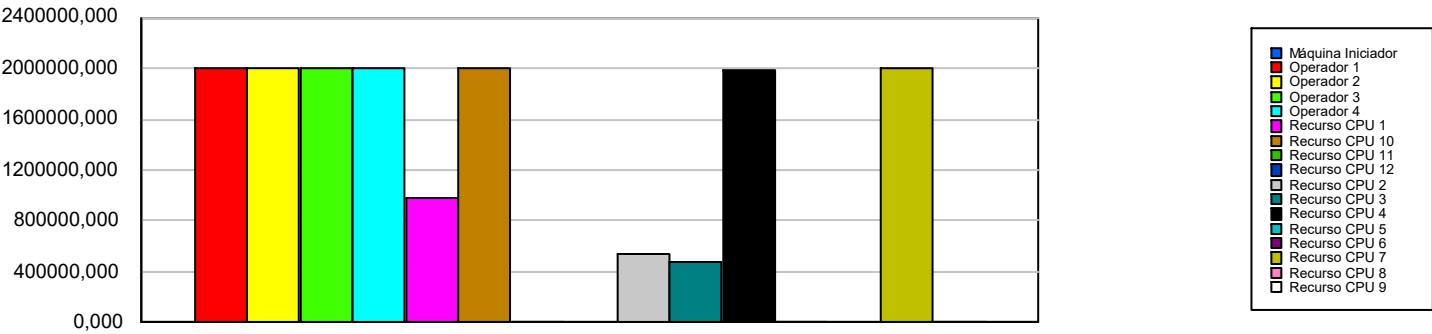
Unnamed Project

Replications: 10      Time Units: Hours

Resource

Usage

| Total Number Seized | Average    | Half Width | Minimum Average | Maximum Average |
|---------------------|------------|------------|-----------------|-----------------|
| Máquina Iniciador   | 0.00       | 0,00       | 0.00            | 0.00            |
| Operador 1          | 2000004.10 | 0,23       | 2000004.00      | 2000005.00      |
| Operador 2          | 2000003.30 | 0,35       | 2000003.00      | 2000004.00      |
| Operador 3          | 2000002.30 | 0,35       | 2000002.00      | 2000003.00      |
| Operador 4          | 2000001.60 | 0,37       | 2000001.00      | 2000002.00      |
| Recurso CPU 1       | 974930.50  | 1.217,98   | 972410.00       | 977037.00       |
| Recurso CPU 10      | 1999297.40 | 36,96      | 1999218.00      | 1999368.00      |
| Recurso CPU 11      | 704.00     | 36,83      | 634.00          | 783.00          |
| Recurso CPU 12      | 0.2000     | 0,30       | 0.00            | 1.0000          |
| Recurso CPU 2       | 544211.40  | 947,11     | 542349.00       | 546115.00       |
| Recurso CPU 3       | 480862.20  | 306,49     | 480279.00       | 481479.00       |
| Recurso CPU 4       | 1992139.10 | 375,71     | 1991382.00      | 1992833.00      |
| Recurso CPU 5       | 7841.70    | 374,53     | 7149.00         | 8604.00         |
| Recurso CPU 6       | 22.5000    | 4,66       | 12.0000         | 35.0000         |
| Recurso CPU 7       | 1998413.30 | 80,97      | 1998191.00      | 1998532.00      |
| Recurso CPU 8       | 1587.50    | 80,78      | 1470.00         | 1811.00         |
| Recurso CPU 9       | 1.5000     | 1,03       | 0.00            | 4.0000          |



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 | 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

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            |

User Specified

Counter

| Count                 | Average | Half Width | Minimum Average | Maximum Average |
|-----------------------|---------|------------|-----------------|-----------------|
| qtdeDescartados       | 0.00    | 0,00       | 0.00            | 0.00            |
| qtdeFalhas            | 0.00    | 0,00       | 0.00            | 0.00            |
| qtdeNaoProcessadosOp1 | 0.00    | 0,00       | 0.00            | 0.00            |
| 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   | Average    | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|------------|------------|------------|-----------------|-----------------|---------------|---------------|
| tempoTotal | 0.05555472 | 0,00       | 0.05555340      | 0.05555642      | 0.00          | 0.1111        |