

Values Across All Replications

Unnamed Project

Replications: 50      Time Units: Hours

Key Performance Indicators

| System     | Average |
|------------|---------|
| Number Out | 22,967  |

Unnamed Project

Replications: 50      Time Units: Hours

Entity

Time

| VA Time       | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|---------------|---------|------------|-----------------|-----------------|---------------|---------------|
| FataEnt       | 0.2674  | 0,00       | 0.2622          | 0.2703          | 0.2034        | 7.1573        |
| FatimaEnt     | 0.2718  | 0,00       | 0.2657          | 0.2760          | 0.2045        | 5.8626        |
| FatimkaEnt    | 0.2781  | 0,00       | 0.2705          | 0.2865          | 0.2042        | 6.5954        |
| FlataEnt      | 0.2775  | 0,00       | 0.2704          | 0.2864          | 0.2011        | 6.0945        |
| NVA Time      | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
| FataEnt       | 0.00    | 0,00       | 0.00            | 0.00            | 0.00          | 0.00          |
| FatimaEnt     | 0.00    | 0,00       | 0.00            | 0.00            | 0.00          | 0.00          |
| FatimkaEnt    | 0.00    | 0,00       | 0.00            | 0.00            | 0.00          | 0.00          |
| FlataEnt      | 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 |
| FataEnt       | 120.68  | 2,70       | 98.6162         | 144.57          | 0.1286        | 289.28        |
| FatimaEnt     | 120.51  | 2,71       | 98.3452         | 144.78          | 0.1877        | 295.64        |
| FatimkaEnt    | 120.33  | 2,69       | 98.0661         | 144.45          | 0.02971902    | 284.87        |
| FlataEnt      | 120.74  | 2,71       | 98.3397         | 144.92          | 0.4849        | 284.38        |
| Transfer Time | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
| FataEnt       | 1.0797  | 0,01       | 1.0372          | 1.1184          | 0.4995        | 30.7248       |
| FatimaEnt     | 1.0930  | 0,01       | 1.0477          | 1.1385          | 0.4915        | 31.6416       |
| FatimkaEnt    | 1.0989  | 0,01       | 1.0494          | 1.1458          | 0.3330        | 27.4914       |
| FlataEnt      | 1.0828  | 0,01       | 1.0189          | 1.1354          | 0.4995        | 30.1667       |
| Other Time    | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
| FataEnt       | 0.00    | 0,00       | 0.00            | 0.00            | 0.00          | 0.00          |
| FatimaEnt     | 0.00    | 0,00       | 0.00            | 0.00            | 0.00          | 0.00          |
| FatimkaEnt    | 0.00    | 0,00       | 0.00            | 0.00            | 0.00          | 0.00          |
| FlataEnt      | 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 |
| FataEnt       | 122.02  | 2,70       | 99.95           | 145.92          | 1.4539        | 302.56        |
| FatimaEnt     | 121.87  | 2,70       | 99.72           | 146.10          | 1.2958        | 299.29        |
| FatimkaEnt    | 121.70  | 2,69       | 99.43           | 145.81          | 1.0560        | 292.15        |
| FlataEnt      | 122.10  | 2,71       | 99.73           | 146.24          | 1.6194        | 291.09        |

Other

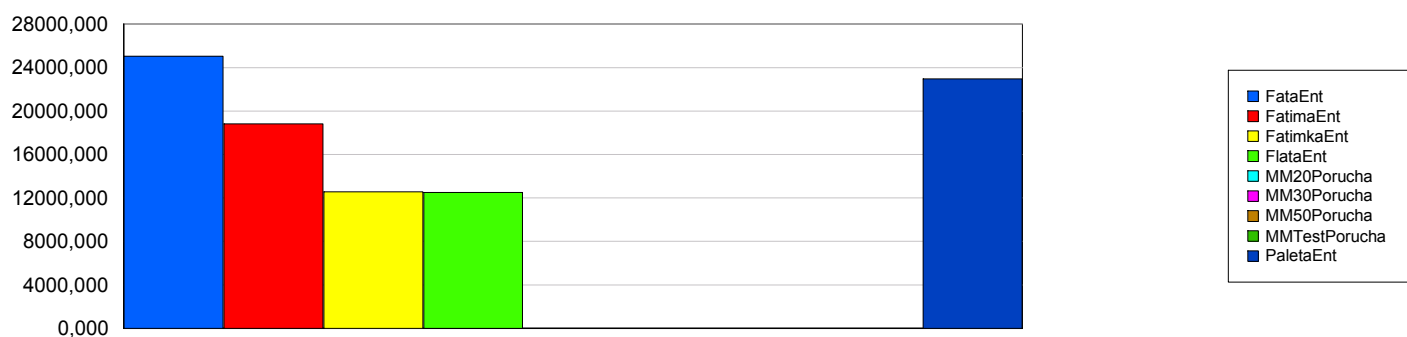
## Unnamed Project

Replications: 50 Time Units: Hours

## Entity

### Other

| Number In     | Average  | Half Width | Minimum Average | Maximum Average |
|---------------|----------|------------|-----------------|-----------------|
| FataEnt       | 25054.76 | 106,98     | 24300.00        | 25916.00        |
| FatimaEnt     | 18816.74 | 80,80      | 18264.00        | 19440.00        |
| FatimkaEnt    | 12554.94 | 54,80      | 12178.00        | 12972.00        |
| FlataEnt      | 12506.76 | 53,70      | 12126.00        | 12918.00        |
| MM20Porucha   | 1.0000   | 0,00       | 1.0000          | 1.0000          |
| MM30Porucha   | 1.0000   | 0,00       | 1.0000          | 1.0000          |
| MM50Porucha   | 1.0000   | 0,00       | 1.0000          | 1.0000          |
| MMTestPorucha | 1.0000   | 0,00       | 1.0000          | 1.0000          |
| PaletaEnt     | 22966.82 | 98,54      | 22274.00        | 23736.00        |



| Number Out    | Average  | Half Width | Minimum Average | Maximum Average |
|---------------|----------|------------|-----------------|-----------------|
| FataEnt       | 25042.80 | 107,21     | 24270.00        | 25914.00        |
| FatimaEnt     | 18810.48 | 80,37      | 18261.00        | 19440.00        |
| FatimkaEnt    | 12549.78 | 54,83      | 12177.00        | 12957.00        |
| FlataEnt      | 12497.40 | 53,83      | 12114.00        | 12897.00        |
| MM20Porucha   | 0.00     | 0,00       | 0.00            | 0.00            |
| MM30Porucha   | 0.00     | 0,00       | 0.00            | 0.00            |
| MM50Porucha   | 0.00     | 0,00       | 0.00            | 0.00            |
| MMTestPorucha | 0.00     | 0,00       | 0.00            | 0.00            |
| PaletaEnt     | 22960.36 | 98,52      | 22269.00        | 23728.00        |

Values Across All Replications

Unnamed Project

Replications: 50      Time Units: Hours

Entity

Other

| WIP           | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|---------------|---------|------------|-----------------|-----------------|---------------|---------------|
| FataEnt       | 12.0953 | 0,13       | 11.1845         | 13.0470         | 0.00          | 51.0000       |
| FatimaEnt     | 9.2360  | 0,11       | 8.3696          | 9.9629          | 0.00          | 46.0000       |
| FatimkaEnt    | 6.2480  | 0,07       | 5.8061          | 6.8756          | 0.00          | 35.0000       |
| FlataEnt      | 6.1304  | 0,06       | 5.5818          | 6.6205          | 0.00          | 33.0000       |
| MM20Porucha   | 1.0000  | 0,00       | 1.0000          | 1.0000          | 0.00          | 1.0000        |
| MM30Porucha   | 1.0000  | 0,00       | 1.0000          | 1.0000          | 0.00          | 1.0000        |
| MM50Porucha   | 1.0000  | 0,00       | 1.0000          | 1.0000          | 0.00          | 1.0000        |
| MMTestPorucha | 1.0000  | 0,00       | 1.0000          | 1.0000          | 0.00          | 1.0000        |
| PaletaEnt     | 6.4546  | 0,03       | 6.2596          | 6.6712          | 0.00          | 9.0000        |

## Unnamed Project

Replications: 50 Time Units: Hours

## Queue

### Time

| Waiting Time                | Average    | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|-----------------------------|------------|------------|-----------------|-----------------|---------------|---------------|
| MM10Access.Queue            | 120.28     | 2,71       | 98.0425         | 144.44          | 0.00          | 269.95        |
| MM10Seize.Queue             | 0.05212707 | 0,00       | 0.05036645      | 0.05373004      | 0.00          | 6.6333        |
| MM20Access.Queue            | 0.02051044 | 0,00       | 0.01881475      | 0.02209020      | 0.00          | 6.6015        |
| MM20Oprava.Queue            | 0.00       | 0,00       | 0.00            | 0.00            | 0.00          | 0.00          |
| MM20PrepnutiProcess.Queue   | 0.00179479 | 0,00       | 0.00044954      | 0.00373766      | 0.00          | 0.8457        |
| MM20Seize.Queue             | 0.03983644 | 0,00       | 0.03825232      | 0.04157331      | 0.01869982    | 6.6188        |
| MM30Access.Queue            | 0.01408310 | 0,00       | 0.01238931      | 0.01569135      | 0.00          | 6.5983        |
| MM30Oprava.Queue            | 0.1762     | 0,01       | 0.1162          | 0.2354          | 0.00          | 6.4253        |
| MM30PrepnutiProcess.Queue   | 0.00129448 | 0,00       | 0.00028166      | 0.00406220      | 0.00          | 0.7865        |
| MM30Seize.Queue             | 0.02000124 | 0,00       | 0.01756291      | 0.02247483      | 0.00          | 6.8566        |
| MM40Access.Queue            | 0.00240919 | 0,00       | 0.00221763      | 0.00256855      | 0.00          | 0.9500        |
| MM40Seize.Queue             | 0.00634098 | 0,00       | 0.00440779      | 0.00848585      | 0.00          | 1.0149        |
| MM50Access.Queue            | 0.01600985 | 0,00       | 0.01551024      | 0.01634205      | 0.00          | 1.1500        |
| MM50Oprava.Queue            | 10.6200    | 0,53       | 7.0599          | 14.6295         | 0.00          | 138.26        |
| MM50PrepnutiProcess.Queue   | 0.01323344 | 0,00       | 0.00754808      | 0.01644763      | 0.00          | 1.1413        |
| MM50Seize.Queue             | 0.03584426 | 0,00       | 0.03536850      | 0.03648013      | 0.00          | 1.2496        |
| MM60Access.Queue            | 0.00619052 | 0,00       | 0.00617258      | 0.00620911      | 0.00          | 0.00815460    |
| MM60Seize.Queue             | 0.00000060 | 0,00       | 0.00000016      | 0.00000102      | 0.00          | 0.00493645    |
| MMTestAccess.Queue          | 0.05935857 | 0,00       | 0.04663173      | 0.07222560      | 0.00          | 1.8628        |
| MMTestOprava.Queue          | 7.2165     | 0,36       | 4.8685          | 10.8098         | 0.00          | 134.61        |
| MMTestPrepnutiProcess.Queue | 0.00588209 | 0,00       | 0.00430436      | 0.00746637      | 0.00          | 0.9725        |
| MMTestSeize.Queue           | 0.03051333 | 0,00       | 0.02969681      | 0.03126524      | 0.00          | 1.1643        |
| MMTestSeizeOprava.Queue     | 0.7410     | 0,01       | 0.6863          | 0.7916          | 0.00          | 24.7047       |
| OpravaInAccess.Queue        | 0.00000580 | 0,00       | 0.00000350      | 0.00001584      | 0.00          | 0.00811854    |
| OpravaOutAccess.Queue       | 2.6457     | 0,23       | 1.0777          | 4.0491          | 0.00          | 41.5224       |
| PaletaEndAccess.Queue       | 0.00396371 | 0,00       | 0.00393097      | 0.00399481      | 0.00          | 0.00816662    |

### Other

## Unnamed Project

Replications: 50 Time Units: Hours

## Queue

### Other

| Number Waiting              | Average    | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|-----------------------------|------------|------------|-----------------|-----------------|---------------|---------------|
| MM10Access.Queue            | 2889.08    | 60,56      | 2380.93         | 3395.83         | 0.00          | 6479.00       |
| MM10Seize.Queue             | 0.9990     | 0,00       | 0.9970          | 0.9997          | 0.00          | 1.0000        |
| MM20Access.Queue            | 0.3930     | 0,00       | 0.3727          | 0.4109          | 0.00          | 1.0000        |
| MM20Oprava.Queue            | 0.9962     | 0,00       | 0.9844          | 0.9995          | 0.00          | 1.0000        |
| MM20PrepnutiProcess.Queue   | 0.00124978 | 0,00       | 0.00031355      | 0.00267243      | 0.00          | 1.0000        |
| MM20Seize.Queue             | 0.7632     | 0,00       | 0.7552          | 0.7731          | 0.00          | 1.0000        |
| MM30Access.Queue            | 0.2697     | 0,00       | 0.2454          | 0.2918          | 0.00          | 1.0000        |
| MM30Oprava.Queue            | 0.01950447 | 0,00       | 0.01181892      | 0.02537001      | 0.00          | 1.0000        |
| MM30PrepnutiProcess.Queue   | 0.00090036 | 0,00       | 0.00019693      | 0.00286046      | 0.00          | 1.0000        |
| MM30Seize.Queue             | 0.3830     | 0,00       | 0.3478          | 0.4199          | 0.00          | 1.0000        |
| MM40Access.Queue            | 0.04615627 | 0,00       | 0.04149118      | 0.04951094      | 0.00          | 1.0000        |
| MM40Seize.Queue             | 0.1214     | 0,00       | 0.08319707      | 0.1617          | 0.00          | 1.0000        |
| MM50Access.Queue            | 0.3066     | 0,00       | 0.2885          | 0.3206          | 0.00          | 1.0000        |
| MM50Oprava.Queue            | 0.6095     | 0,02       | 0.4942          | 0.7214          | 0.00          | 1.0000        |
| MM50PrepnutiProcess.Queue   | 0.01755962 | 0,00       | 0.01010184      | 0.02149157      | 0.00          | 1.0000        |
| MM50Seize.Queue             | 0.6861     | 0,00       | 0.6642          | 0.7103          | 0.00          | 1.0000        |
| MM60Access.Queue            | 0.1185     | 0,00       | 0.1146          | 0.1224          | 0.00          | 1.0000        |
| MM60Seize.Queue             | 0.00001144 | 0,00       | 0.00000313      | 0.00001988      | 0.00          | 1.0000        |
| MMTestAccess.Queue          | 1.1370     | 0,03       | 0.8801          | 1.3767          | 0.00          | 5.0000        |
| MMTestOprava.Queue          | 0.6005     | 0,01       | 0.4834          | 0.6859          | 0.00          | 1.0000        |
| MMTestPrepnutiProcess.Queue | 0.00797480 | 0,00       | 0.00567099      | 0.01058980      | 0.00          | 1.0000        |
| MMTestSeize.Queue           | 0.5844     | 0,00       | 0.5524          | 0.6097          | 0.00          | 1.0000        |
| MMTestSeizeOprava.Queue     | 0.7462     | 0,01       | 0.6740          | 0.8129          | 0.00          | 1.0000        |
| OpravaInAccess.Queue        | 0.00000585 | 0,00       | 0.00000326      | 0.00001587      | 0.00          | 1.0000        |
| OpravaOutAccess.Queue       | 2.6759     | 0,24       | 1.0256          | 4.1436          | 0.00          | 41.0000       |
| PaletaEndAccess.Queue       | 0.07586191 | 0,00       | 0.07333056      | 0.07901732      | 0.00          | 1.0000        |

## Unnamed Project

Replications: 50      Time Units: Hours

## Resource

### Usage

#### Instantaneous Utilization

|          | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|----------|---------|------------|-----------------|-----------------|---------------|---------------|
| Mechanik | 0.2729  | 0,00       | 0.2517          | 0.2911          | 0.00          | 1.0000        |
| MM10     | 1.0000  | 0,00       | 0.9999          | 1.0000          | 0.00          | 1.0000        |
| MM20     | 1.0000  | 0,00       | 1.0000          | 1.0000          | 0.00          | 1.0000        |
| MM30     | 0.9105  | 0,00       | 0.9043          | 0.9170          | 0.00          | 1.0000        |
| MM40     | 0.3551  | 0,01       | 0.3019          | 0.4047          | 0.00          | 1.0000        |
| MM50     | 0.9549  | 0,00       | 0.9353          | 0.9784          | 0.00          | 1.0000        |
| MM60     | 0.6061  | 0,00       | 0.5883          | 0.6266          | 0.00          | 1.0000        |
| Oprava   | 0.00    | 0,00       | 0.00            | 0.00            | 0.00          | 0.00          |
| Paleta   | 0.4077  | 0,00       | 0.3815          | 0.4316          | 0.00          | 0.8300        |
| TEST     | 0.9322  | 0,00       | 0.9069          | 0.9570          | 0.00          | 1.0000        |

#### Number Busy

|          | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|----------|---------|------------|-----------------|-----------------|---------------|---------------|
| Mechanik | 0.5458  | 0,01       | 0.5035          | 0.5822          | 0.00          | 2.0000        |
| MM10     | 1.0000  | 0,00       | 0.9999          | 1.0000          | 0.00          | 1.0000        |
| MM20     | 1.0000  | 0,00       | 1.0000          | 1.0000          | 0.00          | 1.0000        |
| MM30     | 0.9105  | 0,00       | 0.9043          | 0.9170          | 0.00          | 1.0000        |
| MM40     | 1.7756  | 0,03       | 1.5093          | 2.0236          | 0.00          | 5.0000        |
| MM50     | 0.9549  | 0,00       | 0.9353          | 0.9784          | 0.00          | 1.0000        |
| MM60     | 0.6061  | 0,00       | 0.5883          | 0.6266          | 0.00          | 1.0000        |
| Oprava   | 0.00    | 0,00       | 0.00            | 0.00            | 0.00          | 0.00          |
| Paleta   | 40.7713 | 0,37       | 38.1502         | 43.1620         | 0.00          | 83.0000       |
| TEST     | 0.9322  | 0,00       | 0.9069          | 0.9570          | 0.00          | 1.0000        |

#### Number Scheduled

|          | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|----------|---------|------------|-----------------|-----------------|---------------|---------------|
| Mechanik | 2.0000  | 0,00       | 2.0000          | 2.0000          | 2.0000        | 2.0000        |
| MM10     | 1.0000  | 0,00       | 1.0000          | 1.0000          | 1.0000        | 1.0000        |
| MM20     | 1.0000  | 0,00       | 1.0000          | 1.0000          | 1.0000        | 1.0000        |
| MM30     | 1.0000  | 0,00       | 1.0000          | 1.0000          | 1.0000        | 1.0000        |
| MM40     | 5.0000  | 0,00       | 5.0000          | 5.0000          | 5.0000        | 5.0000        |
| MM50     | 1.0000  | 0,00       | 1.0000          | 1.0000          | 1.0000        | 1.0000        |
| MM60     | 1.0000  | 0,00       | 1.0000          | 1.0000          | 1.0000        | 1.0000        |
| Oprava   | 1.0000  | 0,00       | 1.0000          | 1.0000          | 1.0000        | 1.0000        |
| Paleta   | 100.00  | 0,00       | 100.00          | 100.00          | 100.00        | 100.00        |
| TEST     | 1.0000  | 0,00       | 1.0000          | 1.0000          | 1.0000        | 1.0000        |

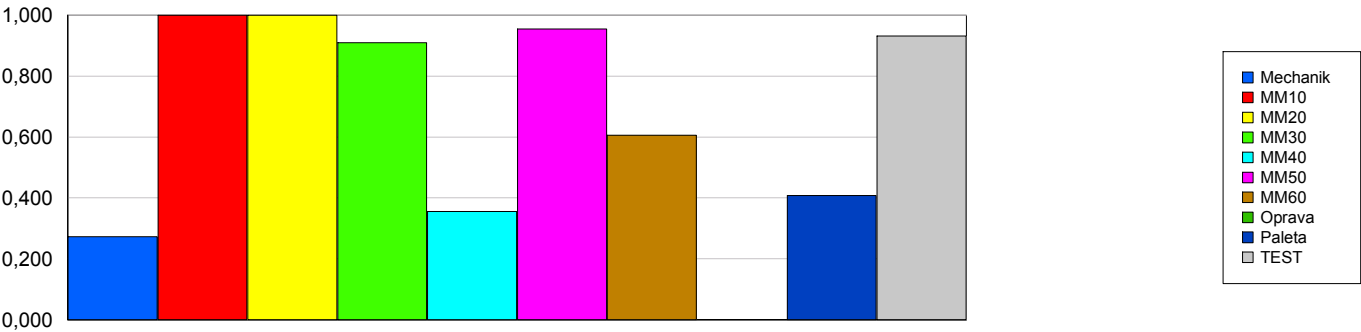
Unnamed Project

Replications: 50      Time Units: Hours

Resource

Usage

| Scheduled Utilization | Average | Half Width | Minimum Average | Maximum Average |
|-----------------------|---------|------------|-----------------|-----------------|
| Mechanik              | 0.2729  | 0,00       | 0.2517          | 0.2911          |
| MM10                  | 1.0000  | 0,00       | 0.9999          | 1.0000          |
| MM20                  | 1.0000  | 0,00       | 1.0000          | 1.0000          |
| MM30                  | 0.9105  | 0,00       | 0.9043          | 0.9170          |
| MM40                  | 0.3551  | 0,01       | 0.3019          | 0.4047          |
| MM50                  | 0.9549  | 0,00       | 0.9353          | 0.9784          |
| MM60                  | 0.6061  | 0,00       | 0.5883          | 0.6266          |
| Oprava                | 0.00    | 0,00       | 0.00            | 0.00            |
| Paleta                | 0.4077  | 0,00       | 0.3815          | 0.4316          |
| TEST                  | 0.9322  | 0,00       | 0.9069          | 0.9570          |





Unnamed Project

Replications: 50      Time Units: Hours

Resource

Usage

| Total Number Seized | Average  | Half Width | Minimum Average | Maximum Average |
|---------------------|----------|------------|-----------------|-----------------|
| Mechanik            | 5194.70  | 20,44      | 5038.00         | 5339.00         |
| MM10                | 23000.16 | 98,90      | 22321.00        | 23774.00        |
| MM20                | 22994.40 | 98,94      | 22315.00        | 23769.00        |
| MM30                | 23122.70 | 97,03      | 22456.00        | 23874.00        |
| MM40                | 22986.80 | 98,74      | 22306.00        | 23759.00        |
| MM50                | 23038.94 | 97,09      | 22361.00        | 23791.00        |
| MM60                | 22967.46 | 98,56      | 22275.00        | 23737.00        |
| Oprava              | 0.00     | 0,00       | 0.00            | 0.00            |
| Paleta              | 23000.16 | 98,90      | 22321.00        | 23774.00        |
| TEST                | 24287.00 | 100,56     | 23600.00        | 25056.00        |

