

Clifton Market

Replications: 10

Time Units: Minutes

Key Performance Indicators

| System | Average |
|------------|---------|
| Number Out | 701 |

Clifton Market

Replications: 10 Time Units: Minutes

Entity

Time

| VA Time | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|---------------|---------|------------|-----------------|-----------------|---------------|---------------|
| Entity 1 | 36.5430 | 0.10 | 36.3047 | 36.7599 | 28.9815 | 48.4885 |
| Entity 2 | 48.9317 | 2.10 | 44.8442 | 54.2081 | 9.5888 | 76.7446 |
| NVA Time | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
| Entity 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Entity 2 | 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 |
| Entity 1 | 2.4544 | 0.38 | 1.9191 | 3.5070 | 0.00 | 13.0373 |
| Entity 2 | 34.7013 | 19.64 | 15.0937 | 106.34 | 0.00 | 386.65 |
| Transfer Time | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
| Entity 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Entity 2 | 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 |
| Entity 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Entity 2 | 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 |
| Entity 1 | 38.9974 | 0.35 | 38.3418 | 40.0590 | 29.8240 | 53.4915 |
| Entity 2 | 83.6330 | 20.50 | 64.0408 | 157.76 | 10.2047 | 443.79 |

Other

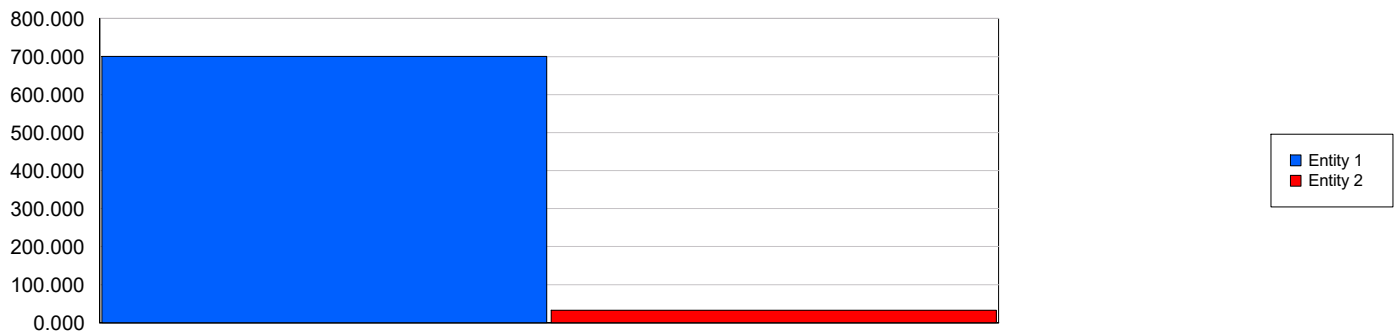
Clifton Market

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Entity

Other

| Number In | Average | Half Width | Minimum Average | Maximum Average |
|-----------|---------|------------|-----------------|-----------------|
| Entity 1 | 700.40 | 8.68 | 692.00 | 728.00 |
| Entity 2 | 32.2000 | 1.00 | 30.0000 | 34.0000 |



| Number Out | Average | Half Width | Minimum Average | Maximum Average |
|------------|---------|------------|-----------------|-----------------|
| Entity 1 | 671.50 | 6.75 | 662.00 | 692.00 |
| Entity 2 | 29.3000 | 0.90 | 27.0000 | 31.0000 |

| WIP | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|----------|---------|------------|-----------------|-----------------|---------------|---------------|
| Entity 1 | 27.8659 | 0.54 | 27.1141 | 29.2055 | 0.00 | 40.0000 |
| Entity 2 | 2.6843 | 0.59 | 1.9715 | 4.7571 | 0.00 | 12.0000 |

Queue

Time

| Waiting Time | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|-------------------------------------------------|---------|------------|-----------------|-----------------|---------------|---------------|
| Grocery item scanning and payment process.Queue | 3.5068 | 1.04 | 2.2026 | 7.0965 | 0.00 | 216.07 |
| Item Packing.Queue | 0.2292 | 0.01 | 0.2113 | 0.2623 | 0.00 | 2.5343 |

Other

| Number Waiting | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|-------------------------------------------------|---------|------------|-----------------|-----------------|---------------|---------------|
| Grocery item scanning and payment process.Queue | 2.7202 | 0.83 | 1.6497 | 5.4787 | 0.00 | 20.0000 |
| Item Packing.Queue | 0.1653 | 0.01 | 0.1519 | 0.1888 | 0.00 | 3.0000 |

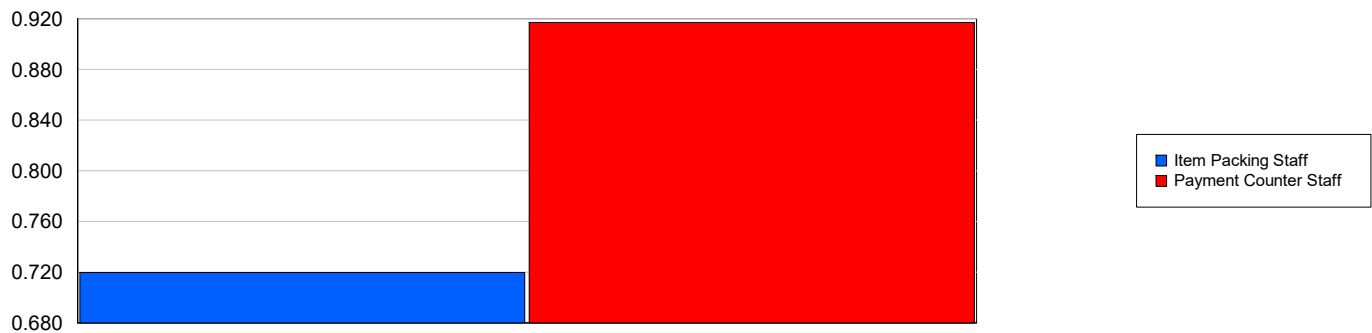
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Resource

Usage

| Instantaneous Utilization | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|---------------------------|---------|------------|-----------------|-----------------|---------------|---------------|
| Item Packing Staff | 0.7197 | 0.01 | 0.7070 | 0.7404 | 0.00 | 1.0000 |
| Payment Counter Staff | 0.9170 | 0.01 | 0.9040 | 0.9346 | 0.00 | 1.0000 |
| Number Busy | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
| Item Packing Staff | 1.4394 | 0.01 | 1.4139 | 1.4808 | 0.00 | 2.0000 |
| Payment Counter Staff | 3.6679 | 0.03 | 3.6162 | 3.7382 | 0.00 | 4.0000 |
| Number Scheduled | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
| Item Packing Staff | 2.0000 | 0.00 | 2.0000 | 2.0000 | 2.0000 | 2.0000 |
| Payment Counter Staff | 4.0000 | 0.00 | 4.0000 | 4.0000 | 4.0000 | 4.0000 |
| Scheduled Utilization | Average | Half Width | Minimum Average | Maximum Average | | |
| Item Packing Staff | 0.7197 | 0.01 | 0.7070 | 0.7404 | | |
| Payment Counter Staff | 0.9170 | 0.01 | 0.9040 | 0.9346 | | |



Values Across All Replications

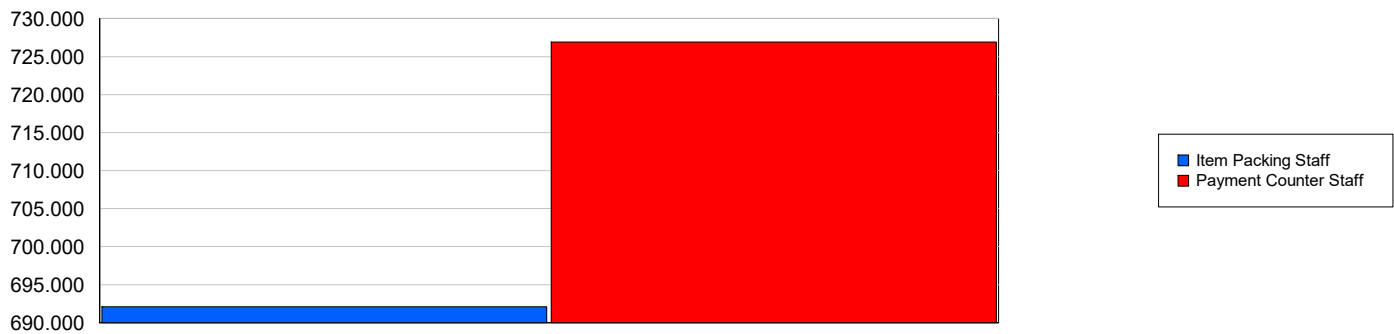
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Resource

Usage

| Total Number Seized | Average | Half Width | Minimum Average | Maximum Average |
|-----------------------|---------|------------|-----------------|-----------------|
| Item Packing Staff | 692.10 | 6.65 | 683.00 | 711.00 |
| Payment Counter Staff | 726.90 | 6.66 | 718.00 | 744.00 |



User Specified

Tally

| Interval | Average | Half Width | Minimum Average | Maximum Average | Minimum Value | Maximum Value |
|-------------|---------|------------|-----------------|-----------------|---------------|---------------|
| FoodGrocery | 101.89 | 23.84 | 75.8879 | 186.41 | 44.9017 | 443.79 |
| JustFood | 47.0313 | 9.86 | 32.4902 | 75.9100 | 10.2047 | 177.75 |
| LoS | 40.8266 | 1.06 | 39.4897 | 44.5605 | 10.2047 | 443.79 |
| LoS_Regular | 38.9974 | 0.35 | 38.3418 | 40.0590 | 29.8240 | 53.4915 |