Simulazione Conad Mercatale Migliorato

Replications: 100   Time Units: Minutes

Key Performance Indicators

System

	Average
Number Out	100

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Entity

Time

VA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cliente	10.9772	0,19	8.6181	13.5363	0.08714982	77.58

NVA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cliente	0.00	0,00	0.00	0.00	0.00	0.

Wait Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cliente	2.8283	0,27	0.6513	7.7623	0.00	47.16

Transfer Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cliente	0.00	0,00	0.00	0.00	0.00	0.

Other Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cliente	0.00	0,00	0.00	0.00	0.00	0.

Total Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cliente	13.8056	0,37	9.4126	19.2663	0.08714982	77.83

Other

Number In	Average	Half Width	Minimum Average	Maximum Average
Cliente	100.21	1,99	80.0000	124.00

Number Out	Average	Half Width	Minimum Average	Maximum Average
Cliente	99.76	1,99	75.0000	124.00

WIP	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cliente	5.7790	0,22	3.5530	9.3617	0.00	24.00

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Queue

Time

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cassa 1.Queue	2.1186	0,34	0.1237	11.0699	0.00	32.52
Cassa 2.Queue	2.3086	0,41	0.1173	10.3048	0.00	41.96
Cassa 3.Queue	1.7880	0,25	0.03075902	6.5212	0.00	26.11
Gastronomia.Queue	1.9943	0,33	0.07910818	9.7226	0.00	32.66

Other

Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Cassa 1.Queue	0.3011	0,06	0.01545946	1.9912	0.00	9.00
Cassa 2.Queue	0.3537	0,07	0.01124140	1.9731	0.00	9.00
Cassa 3.Queue	0.2619	0,04	0.01640380	1.1702	0.00	7.00
Gastronomia.Queue	0.2927	0,06	0.00758120	1.7063	0.00	8.00

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Resource

Usage

Instantaneous Utilization

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Addetto 1	0.4085	0,02	0.1916	0.7012	0.00	1.00
Cassiere 1	0.4128	0,02	0.2259	0.7239	0.00	1.00
Cassiere 2	0.4259	0,02	0.2080	0.7401	0.00	1.00
Cassiere 3	0.4098	0,02	0.1789	0.6284	0.00	1.00

Number Busy

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Addetto 1	0.4085	0,02	0.1916	0.7012	0.00	1.00
Cassiere 1	0.4128	0,02	0.2259	0.7239	0.00	1.00
Cassiere 2	0.4259	0,02	0.2080	0.7401	0.00	1.00
Cassiere 3	0.4098	0,02	0.1789	0.6284	0.00	1.00

Number Scheduled

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Addetto 1	1.0000	0,00	1.0000	1.0000	1.0000	1.00
Cassiere 1	1.0000	0,00	1.0000	1.0000	1.0000	1.00
Cassiere 2	1.0000	0,00	1.0000	1.0000	1.0000	1.00
Cassiere 3	1.0000	0,00	1.0000	1.0000	1.0000	1.00

Scheduled Utilization

	Average	Half Width	Minimum Average	Maximum Average
Addetto 1	0.4085	0,02	0.1916	0.7012
Cassiere 1	0.4128	0,02	0.2259	0.7239
Cassiere 2	0.4259	0,02	0.2080	0.7401
Cassiere 3	0.4098	0,02	0.1789	0.6284

Values Across All Replications

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Resource

Usage

Total Number Seized	Average	Half Width	Minimum Average	Maximum Average
Addetto 1	32.8000	1,27	20.0000	51.0000
Cassiere 1	32.6800	1,06	19.0000	50.0000
Cassiere 2	34.0400	1,30	22.0000	53.0000
Cassiere 3	33.0200	1,09	19.0000	44.0000

Legend:
- Addetto 1
- Cassiere 1
- Cassiere 2
- Cassiere 3