

Values Across All Replications

Unnamed Project

Replications: 100 Time Units: Minutes

Key Performance Indicators

System	Average
Number Out	336

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Entity

Time

VA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	13.2174	0,14	11.9305	14.9497	0.1091	116.0000
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	0.0000
Wait Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	7.1070	0,81	2.4190	33.7535	0.00	94.0800
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	0.0000
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	0.0000
Total Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	20.3244	0,85	15.2881	47.7398	0.2761	168.0000

Other

Number In	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	359.02	4,09	318.00	422.00		
Number Out	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	336.18	3,65	304.00	383.00		
WIP	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	20.0897	0,98	14.1567	49.1663	0.00	93.0000

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Process

Time per Entity

VA Time Per Entity	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
ABBIGLIAMENTO	14.0341	0,43	8.9919	20.8787	0.00889307	110.
CASSA ABBIGLIAMENTO	3.4847	0,16	1.7509	7.0255	0.00111953	29.90
CASSE	1.7889	0,02	1.5471	2.1012	0.00001553	19.39
PORTA INGRESSO	0.1252	0,00	0.1218	0.1283	0.08333480	0.16
REPARTO GASTRONOMIA	3.9386	0,07	3.2371	4.9332	0.00071090	35.25
REPARTO PESCHERIA	1.9684	0,04	1.5795	2.5660	0.00040835	18.22
REPARTO SCAFFALI	8.7772	0,11	7.6672	10.2628	0.00034224	106.
Wait Time Per Entity	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
ABBIGLIAMENTO	0.00	0,00	0.00	0.00	0.00	0.
CASSA ABBIGLIAMENTO	1.2770	0,23	0.1189	5.8797	0.00	34.48
CASSE	4.7272	0,61	1.2072	20.0319	0.00	40.88
PORTA INGRESSO	0.07009646	0,00	0.04113989	0.0909	0.00	1.00
REPARTO GASTRONOMIA	3.3386	0,49	0.6941	16.4711	0.00	40.71
REPARTO PESCHERIA	2.9075	0,29	0.9037	9.5028	0.00	36.25
REPARTO SCAFFALI	0.00	0,00	0.00	0.00	0.00	0.
Total Time Per Entity	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
ABBIGLIAMENTO	14.0341	0,43	8.9919	20.8787	0.00889307	110.
CASSA ABBIGLIAMENTO	4.7617	0,35	2.0798	12.9051	0.00111953	38.96
CASSE	6.5161	0,62	2.8276	22.1331	0.00008568	51.74
PORTA INGRESSO	0.1953	0,00	0.1661	0.2193	0.08333554	1.10
REPARTO GASTRONOMIA	7.2772	0,52	4.0895	21.4044	0.00071090	54.44
REPARTO PESCHERIA	4.8759	0,32	2.5157	11.7108	0.00058852	37.69
REPARTO SCAFFALI	8.7772	0,11	7.6672	10.2628	0.00034224	106.

Accumulated Time

Values Across All Replications

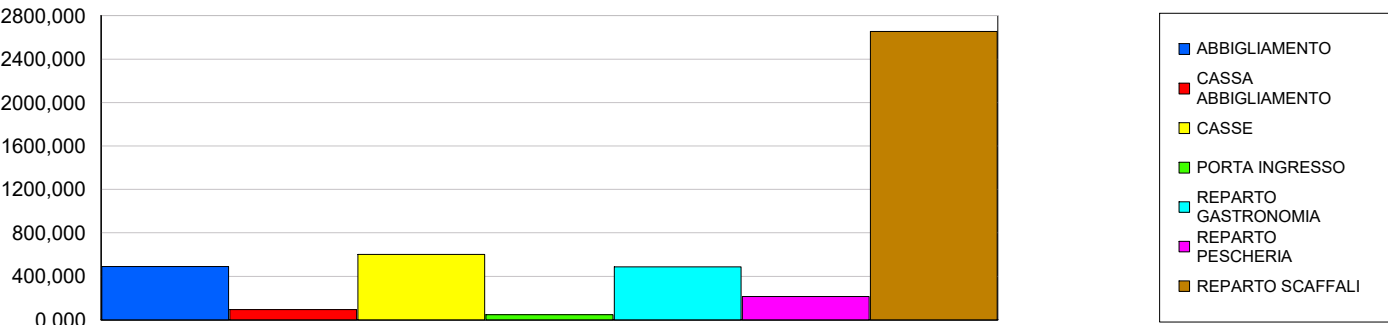
Unnamed Project

Replications: 100 Time Units: Minutes

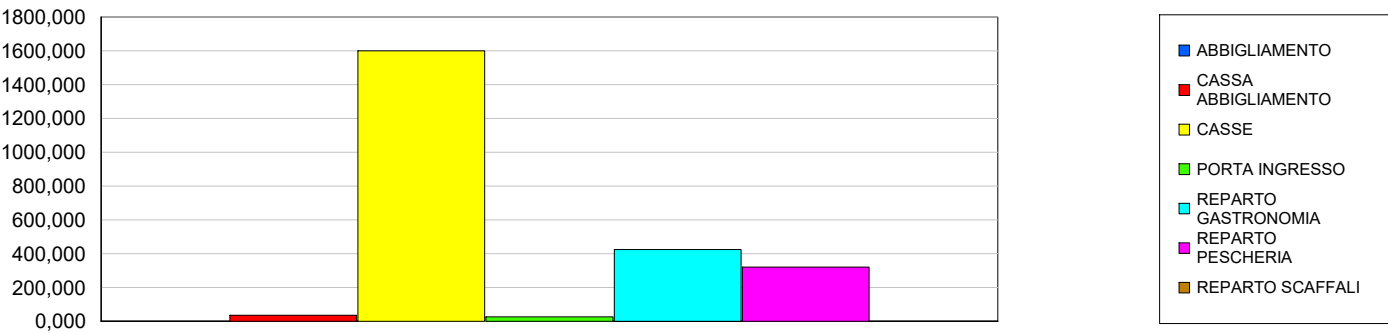
Process

Accumulated Time

Accum VA Time	Average	Half Width	Minimum Average	Maximum Average
ABBIGLIAMENTO	488.52	22,72	278.98	803.55
CASSA ABBIGLIAMENTO	93.6576	5,07	45.8735	174.59
CASSE	600.96	8,14	498.17	700.94
PORTA INGRESSO	44.7914	0,51	39.4518	52.6567
REPARTO GASTRONOMIA	486.46	11,36	378.70	680.78
REPARTO PESCHERIA	215.02	5,71	159.48	313.05
REPARTO SCAFFALI	2655.02	49,91	2108.49	3289.12



Accum Wait Time	Average	Half Width	Minimum Average	Maximum Average
ABBIGLIAMENTO	0.00	0,00	0.00	0.00
CASSA ABBIGLIAMENTO	36.0273	7,23	2.4973	227.25
CASSE	1601.13	207,96	380.32	6169.84
PORTA INGRESSO	25.1667	0,76	14.7281	36.5520
REPARTO GASTRONOMIA	425.00	67,88	79.3750	2273.02
REPARTO PESCHERIA	321.25	34,67	98.6791	1054.81
REPARTO SCAFFALI	0.00	0,00	0.00	0.00



Other

Values Across All Replications

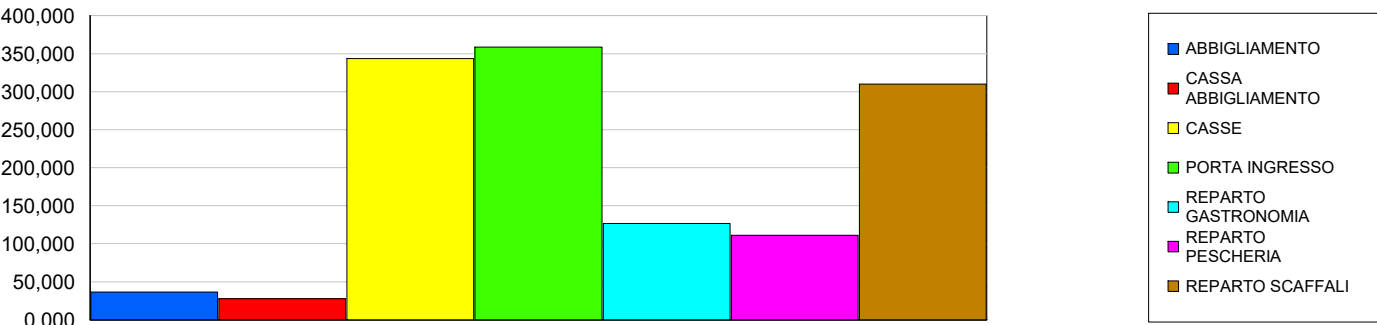
Unnamed Project

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Process

Other

Number In	Average	Half Width	Minimum Average	Maximum Average
ABBIGLIAMENTO	36.2100	1,08	23.0000	52.0000
CASSA ABBIGLIAMENTO	27.4400	0,92	17.0000	41.0000
CASSE	343.65	3,91	307.00	405.00
PORTA INGRESSO	358.63	4,02	318.00	422.00
REPARTO GASTRONOMIA	126.57	2,58	92.0000	162.00
REPARTO PESCHERIA	111.11	2,05	87.0000	146.00
REPARTO SCAFFALI	309.95	4,25	269.00	370.00



Number Out	Average	Half Width	Minimum Average	Maximum Average
ABBIGLIAMENTO	34.6900	1,03	22.0000	51.0000
CASSA ABBIGLIAMENTO	26.9700	0,92	17.0000	41.0000
CASSE	336.18	3,65	304.00	383.00
PORTA INGRESSO	357.83	4,02	317.00	421.00
REPARTO GASTRONOMIA	123.76	2,51	91.0000	159.00
REPARTO PESCHERIA	109.25	1,95	87.0000	145.00
REPARTO SCAFFALI	302.43	4,24	264.00	365.00

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Queue

Time

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
ABBIGLIAMENTO.Queue	0.00	0,00	0.00	0.00	0.00	0.00
CASSA	1.2704	0,23	0.1189	5.8270	0.00	34.48
ABBIGLIAMENTO.Queue						
CASSE.Queue	4.7335	0,61	1.2004	20.1080	0.00	40.88
Hold 1.Queue	0.1495	0,24	0.00	11.8403	0.00	40.48
PORTA INGRESSO.Queue	0.06997580	0,00	0.04113989	0.0909	0.00	1.00
REPARTO	3.3436	0,49	0.6886	16.6393	0.00	40.71
GASTRONOMIA.Queue						
REPARTO PESCHERIA.Queue	2.9140	0,30	0.8956	9.5028	0.00	36.25
REPARTO SCAFFALI.Queue	0.00	0,00	0.00	0.00	0.00	0.00

Other

Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
ABBIGLIAMENTO.Queue	0.00	0,00	0.00	0.00	0.00	0.00
CASSA	0.1027	0,02	0.00693705	0.6313	0.00	4.00
ABBIGLIAMENTO.Queue						
CASSE.Queue	4.5948	0,61	1.0613	18.4645	0.00	41.00
Hold 1.Queue	0.1622	0,26	0.00	12.7300	0.00	43.00
PORTA INGRESSO.Queue	0.06990763	0,00	0.04091134	0.1015	0.00	8.00
REPARTO	1.2187	0,19	0.2205	6.8587	0.00	16.00
GASTRONOMIA.Queue						
REPARTO PESCHERIA.Queue	0.9154	0,10	0.2786	2.9300	0.00	14.00
REPARTO SCAFFALI.Queue	0.00	0,00	0.00	0.00	0.00	0.00

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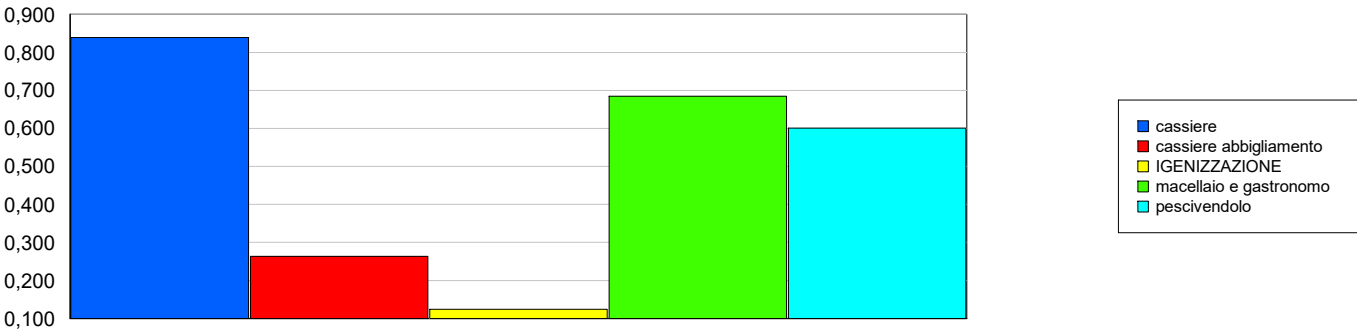
Unnamed Project

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Resource

Usage

Instantaneous Utilization	Average		Minimum Average	Maximum Average	Minimum Value	Maximum Value
	Average	Half Width				
cassiere	0.8388	0,01	0.6960	0.9780	0.00	1.00
cassiere abbigliamento	0.2638	0,01	0.1274	0.4850	0.00	1.00
IGENIZZAZIONE	0.1244	0,00	0.1096	0.1463	0.00	1.00
macellaio e gastronomo	0.6846	0,02	0.5260	0.9513	0.00	1.00
pescivendolo	0.6008	0,02	0.4430	0.8747	0.00	1.00
Number Busy	Average		Minimum Average	Maximum Average	Minimum Value	Maximum Value
	Average	Half Width				
cassiere	1.6776	0,02	1.3921	1.9559	0.00	2.00
cassiere abbigliamento	0.2638	0,01	0.1274	0.4850	0.00	1.00
Commesso	1.4279	0,07	0.7750	2.2481	0.00	8.00
IGENIZZAZIONE	0.1244	0,00	0.1096	0.1463	0.00	1.00
macellaio e gastronomo	1.3693	0,03	1.0519	1.9026	0.00	2.00
pescivendolo	0.6008	0,02	0.4430	0.8747	0.00	1.00
scaffali	7.5623	0,14	5.9551	9.2712	0.00	24.00
Number Scheduled	Average		Minimum Average	Maximum Average	Minimum Value	Maximum Value
	Average	Half Width				
cassiere	2.0000	0,00	2.0000	2.0000	2.0000	2.00
cassiere abbigliamento	1.0000	0,00	1.0000	1.0000	1.0000	1.00
IGENIZZAZIONE	1.0000	0,00	1.0000	1.0000	1.0000	1.00
macellaio e gastronomo	2.0000	0,00	2.0000	2.0000	2.0000	2.00
pescivendolo	1.0000	0,00	1.0000	1.0000	1.0000	1.00
Scheduled Utilization	Average		Minimum Average	Maximum Average		
	Average	Half Width				
cassiere	0.8388	0,01	0.6960	0.9780		
cassiere abbigliamento	0.2638	0,01	0.1274	0.4850		
IGENIZZAZIONE	0.1244	0,00	0.1096	0.1463		
macellaio e gastronomo	0.6846	0,02	0.5260	0.9513		
pescivendolo	0.6008	0,02	0.4430	0.8747		



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Resource

Usage

Total Number Seized	Average	Half Width	Minimum Average	Maximum Average
cassiere	337.97	3,64	306.00	385.00
cassiere abbigliamento	27.3100	0,92	17.0000	41.0000
Commesso	36.2100	1,08	23.0000	52.0000
IGENIZZAZIONE	358.44	4,03	318.00	422.00
macellaio e gastronomo	125.24	2,52	92.0000	161.00
pescivendolo	109.89	1,98	87.0000	146.00
scaffali	309.95	4,25	269.00	370.00

