Values Across All Replications

Cenário 1

Replications: 30 Time Units: Hours

Key Performance Indicators

System

	Average
Number Out	40

Values Across All Replications

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Replications: 30 Time Units: Hours

Entity

Time

VA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entrar	0.8623	0.02	0.7455	1.0158	0.1393	2.7677

NVA Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entrar	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
Entrar	4.6165	0.23	3.6280	6.2845	0.00	10.5723

Transfer Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entrar	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
Entrar	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
Entrar	5.4788	0.25	4.3735	7.3003	0.4011	11.4090

Other

Number In	Average	Half Width	Minimum Average	Maximum Average
Entrar	40.0000	0.00	40.0000	40.0000

Number Out	Average	Half Width	Minimum Average	Maximum Average
Entrar	40.0000	0.00	40.0000	40.0000

WIP	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entrar	9.1313	0.41	7.2891	12.1672	0.00	40.0000

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Process

Time per Entity

VA Time Per Entity	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Alfândega	0.01988618	0.00	0.01345589	0.02769040	0.00006175	0.1591
AtendenteS	0.02025368	0.00	0.01185982	0.03221569	0.00000841	0.1323
Auto Atendimento	0.01211626	0.00	0.00807657	0.01704888	0.00005433	0.0967
Bagagem	0.1587	0.01	0.1192	0.2042	0.00017666	1.1915
Chec Segurança	0.1621	0.01	0.1101	0.2174	0.00006692	1.1517
Despacho	0.1648	0.01	0.1212	0.2099	0.00027368	1.2637
Embarque	0.1666	0.01	0.1179	0.2325	0.00063657	1.1063
Imigração	0.1732	0.01	0.1204	0.2576	0.00005981	1.4222

Wait Time Per Entity	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Alfândega	0.00142334	0.00	0.00	0.00417616	0.00	0.1484
AtendenteS	0.01434639	0.00	0.00048075	0.04314967	0.00	0.1627
Auto Atendimento	0.00214409	0.00	0.00	0.00649617	0.00	0.05192311
Bagagem	0.2959	0.06	0.04764561	0.7809	0.00	2.2498
Chec Segurança	0.6480	0.16	0.08538838	1.6178	0.00	2.9800
Despacho	2.7727	0.21	1.7773	3.7974	0.00	7.2355
Embarque	0.5190	0.17	0.08306635	2.0475	0.00	3.2819
Imigração	0.3695	0.12	0.05489921	1.5729	0.00	2.9322

Total Time Per Entity	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Alfândega	0.02130952	0.00	0.01492836	0.02856167	0.00006175	0.1642
AtendenteS	0.03460007	0.01	0.01302098	0.06694276	0.00006071	0.1847
Auto Atendimento	0.01426035	0.00	0.00815269	0.02100227	0.00005433	0.0967
Bagagem	0.4546	0.07	0.1789	0.9851	0.00017666	2.3492
Chec Segurança	0.8101	0.17	0.2053	1.8344	0.00044552	3.0541
Despacho	2.9375	0.21	1.9043	4.0014	0.00216630	7.3445
Embarque	0.6857	0.18	0.2078	2.2295	0.00075866	3.3527
Imigração	0.5427	0.13	0.1871	1.8305	0.00042102	3.0980

Accumulated Time

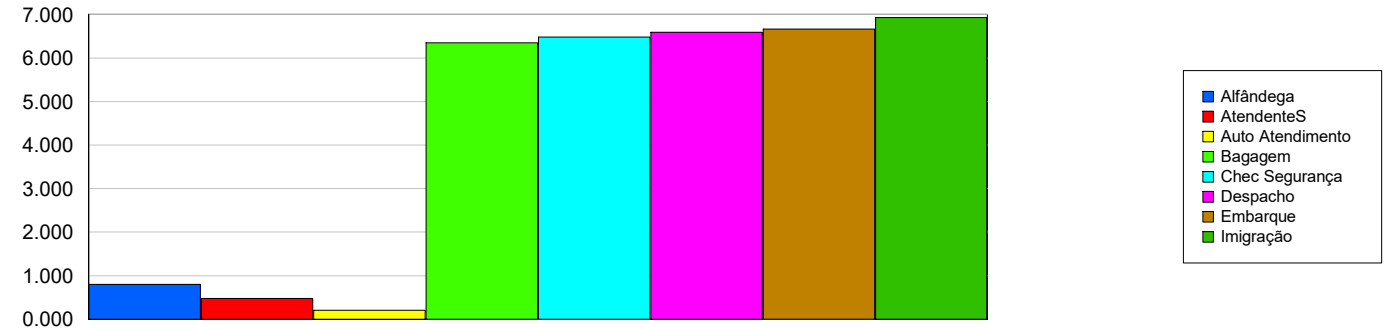
Cenário 1

Replications: 30 Time Units: Hours

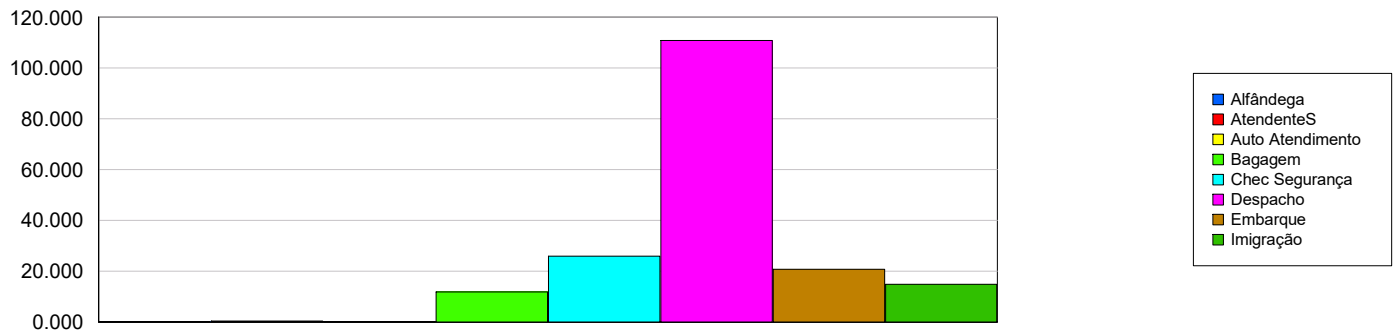
Process

Accumulated Time

Accum VA Time	Average	Half Width	Minimum Average	Maximum Average
Alfândega	0.7954	0.05	0.5382	1.1076
AtendenteS	0.4772	0.06	0.2016	0.8104
Auto Atendimento	0.2040	0.02	0.0971	0.3760
Bagagem	6.3476	0.33	4.7695	8.1666
Chec Segurança	6.4843	0.42	4.4039	8.6959
Despacho	6.5919	0.35	4.8490	8.3964
Embarque	6.6650	0.43	4.7144	9.3016
Imigração	6.9273	0.44	4.8141	10.3042



Accum Wait Time	Average	Half Width	Minimum Average	Maximum Average
Alfândega	0.05693341	0.01	0.00	0.1670
AtendenteS	0.3555	0.12	0.01009584	1.1650
Auto Atendimento	0.03831358	0.01	0.00	0.1169
Bagagem	11.8369	2.51	1.9058	31.2375
Chec Segurança	25.9216	6.52	3.4155	64.7130
Despacho	110.91	8.26	71.0918	151.89
Embarque	20.7620	6.74	3.3227	81.8988
Imigração	14.7806	4.71	2.1960	62.9169



Other

Values Across All Replications

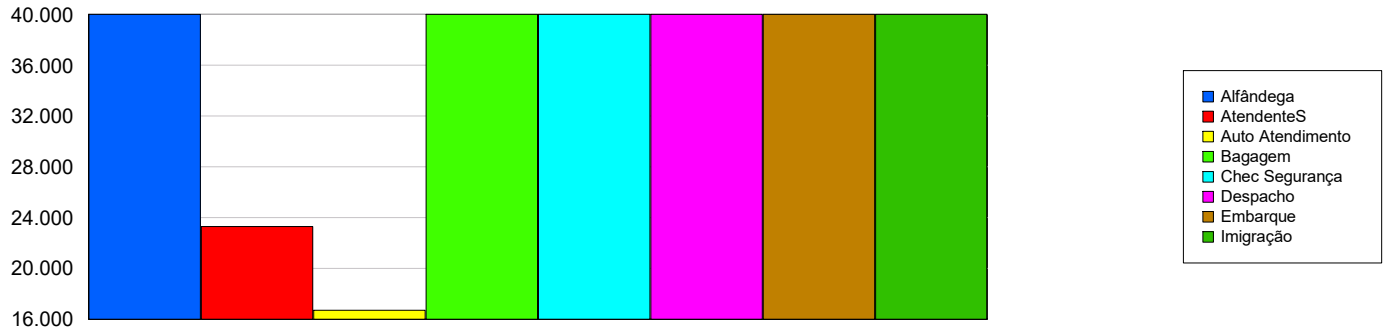
Cenário 1

Replications: 30 Time Units: Hours

Process

Other

Number In	Average	Half Width	Minimum Average	Maximum Average
Alfândega	40.0000	0.00	40.0000	40.0000
AtendenteS	23.3000	1.17	17.0000	28.0000
Auto Atendimento	16.7000	1.17	12.0000	23.0000
Bagagem	40.0000	0.00	40.0000	40.0000
Chec Segurança	40.0000	0.00	40.0000	40.0000
Despacho	40.0000	0.00	40.0000	40.0000
Embarque	40.0000	0.00	40.0000	40.0000
Imigração	40.0000	0.00	40.0000	40.0000



Number Out	Average	Half Width	Minimum Average	Maximum Average
Alfândega	40.0000	0.00	40.0000	40.0000
AtendenteS	23.3000	1.17	17.0000	28.0000
Auto Atendimento	16.7000	1.17	12.0000	23.0000
Bagagem	40.0000	0.00	40.0000	40.0000
Chec Segurança	40.0000	0.00	40.0000	40.0000
Despacho	40.0000	0.00	40.0000	40.0000
Embarque	40.0000	0.00	40.0000	40.0000
Imigração	40.0000	0.00	40.0000	40.0000

Values Across All Replications

Cenário 1

Replications: 30 Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Alfândega.Queue	0.00142334	0.00	0.00	0.00417616	0.00	0.1484
AtendenteS.Queue	0.01434639	0.00	0.00048075	0.04314967	0.00	0.1627
Auto Atendimento.Queue	0.00214409	0.00	0.00	0.00649617	0.00	0.05192311
Bagagem.Queue	0.2959	0.06	0.04764561	0.7809	0.00	2.2498
Chec Segurança.Queue	0.6480	0.16	0.08538838	1.6178	0.00	2.9800
Despacho.Queue	2.7727	0.21	1.7773	3.7974	0.00	7.2355
Embarque.Queue	0.5190	0.17	0.08306635	2.0475	0.00	3.2819
Imigração.Queue	0.3695	0.12	0.05489921	1.5729	0.00	2.9322

Other

Number Waiting	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Alfândega.Queue	0.00237223	0.00	0.00	0.00696027	0.00	2.0000
AtendenteS.Queue	0.01481304	0.01	0.00042066	0.04854337	0.00	5.0000
Auto Atendimento.Queue	0.00159640	0.00	0.00	0.00487213	0.00	3.0000
Bagagem.Queue	0.4932	0.10	0.07940935	1.3016	0.00	11.0000
Chec Segurança.Queue	1.0801	0.27	0.1423	2.6964	0.00	17.0000
Despacho.Queue	4.6211	0.34	2.9622	6.3290	0.00	38.0000
Embarque.Queue	0.8651	0.28	0.1384	3.4125	0.00	21.0000
Imigração.Queue	0.6159	0.20	0.0915	2.6215	0.00	14.0000

Cenário 1

Replications: 30 Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Alfand	0.03314363	0.00	0.02242648	0.04615067	0.00	1.0000
Atendent	0.00	0.00	0.00	0.00	0.00	0.00
Atendente	0.01988233	0.00	0.00840070	0.03376555	0.00	1.0000
Desp Bag	0.2645	0.01	0.1987	0.3403	0.00	1.0000
Despachante	0.2747	0.01	0.2020	0.3498	0.00	1.0000
Imig	0.2886	0.02	0.2006	0.4293	0.00	1.0000
Term Embarq	0.2777	0.02	0.1964	0.3876	0.00	1.0000
Term Seg	0.2702	0.02	0.1835	0.3623	0.00	1.0000
Terminal	0.00850055	0.00	0.00404427	0.01566555	0.00	1.0000

Number Busy	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Alfand	0.03314363	0.00	0.02242648	0.04615067	0.00	1.0000
Atendent	0.00	0.00	0.00	0.00	0.00	0.00
Atendente	0.01988233	0.00	0.00840070	0.03376555	0.00	1.0000
Desp Bag	0.2645	0.01	0.1987	0.3403	0.00	1.0000
Despachante	0.2747	0.01	0.2020	0.3498	0.00	1.0000
Imig	0.2886	0.02	0.2006	0.4293	0.00	1.0000
Term Embarq	0.2777	0.02	0.1964	0.3876	0.00	1.0000
Term Seg	0.2702	0.02	0.1835	0.3623	0.00	1.0000
Terminal	0.00850055	0.00	0.00404427	0.01566555	0.00	1.0000

Number Scheduled	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Alfand	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Atendent	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Atendente	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Desp Bag	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Despachante	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Imig	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Term Embarq	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Term Seg	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Terminal	1.0000	0.00	1.0000	1.0000	1.0000	1.0000

Values Across All Replications

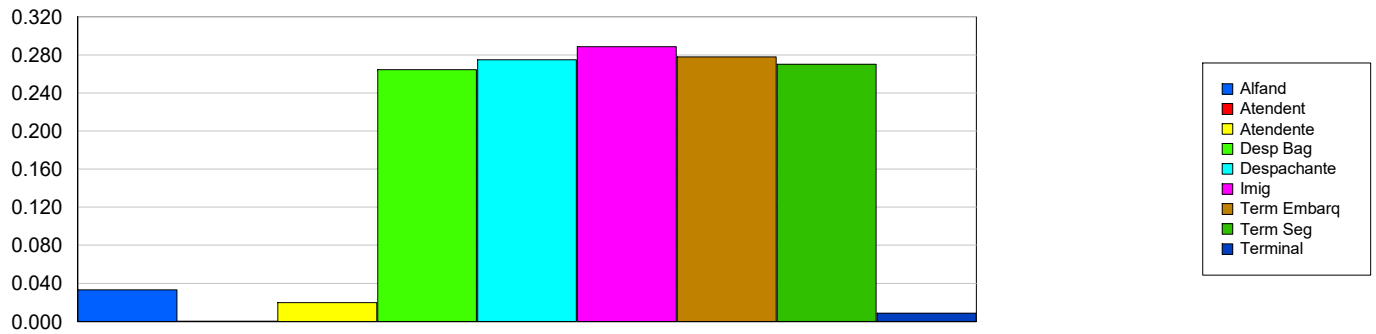
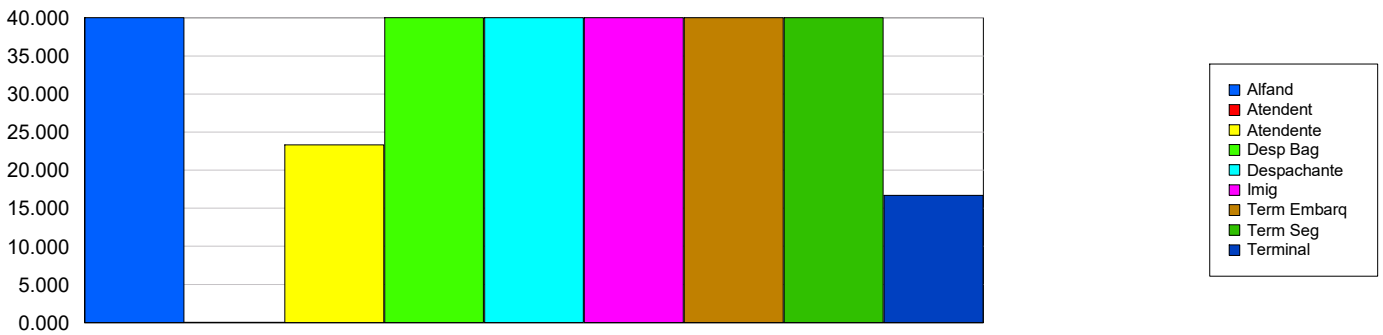
Cenário 1

Replications: 30 Time Units: Hours

Resource

Usage

Scheduled Utilization	Average	Half Width	Minimum Average	Maximum Average
Alfand	0.03314363	0.00	0.02242648	0.04615067
Atendent	0.00	0.00	0.00	0.00
Atendente	0.01988233	0.00	0.00840070	0.03376555
Desp Bag	0.2645	0.01	0.1987	0.3403
Despachante	0.2747	0.01	0.2020	0.3498
Imig	0.2886	0.02	0.2006	0.4293
Term Embarq	0.2777	0.02	0.1964	0.3876
Term Seg	0.2702	0.02	0.1835	0.3623
Terminal	0.00850055	0.00	0.00404427	0.01566555



Total Number Seized	Average	Half Width	Minimum Average	Maximum Average
Alfand	40.0000	0.00	40.0000	40.0000
Atendent	0.00	0.00	0.00	0.00
Atendente	23.3000	1.17	17.0000	28.0000
Desp Bag	40.0000	0.00	40.0000	40.0000
Despachante	40.0000	0.00	40.0000	40.0000
Imig	40.0000	0.00	40.0000	40.0000
Term Embarq	40.0000	0.00	40.0000	40.0000
Term Seg	40.0000	0.00	40.0000	40.0000
Terminal	16.7000	1.17	12.0000	23.0000