Unnamed Project

Replications: 3   Time Units: Hours

Key Performance Indicators

System

	Average
Number Out	109

Unnamed Project

Replications: 3   Time Units: Hours

Entity

Time

VA Time

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	6.3722	0.38	6.2050	6.5095	4.5838	29.2561

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

Wait Time

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	0.4391	0.29	0.3108	0.5354	0.00	19.3100

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

Other Time

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	0.1991	0.00	0.1991	0.1991	0.1000	0.2000

Total Time

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	7.0104	0.33	6.8750	7.1366	4.7864	29.4561

Other

Number In

	Average	Half Width	Minimum Average	Maximum Average
Entity 1	110.00	0.00	110.00	110.00

Number Out

	Average	Half Width	Minimum Average	Maximum Average
Entity 1	108.67	1.43	108.00	109.00

WIP

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Entity 1	1.0623	0.05	1.0421	1.0812	0.00	4.0000

Values Across All Replications

Unnamed Project

Replications: 3   Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Berth Assignment.Queue	0.00	0.00	0.00	0.00	0.00	0.00
Break Bulk Berthing.Queue	0.02554480	0.11	0.00	0.07663441	0.00	1.7626
Container Berthing.Queue	0.00	0.00	0.00	0.00	0.00	0.00
Dry Bulk Berthing.Queue	0.2567	0.55	0.00	0.3950	0.00	4.8761
Liquid Bulk Berthing.Queue	0.3593	0.81	0.02334337	0.6701	0.00	16.2361
Loading on Truck.Queue	0.3218	0.14	0.2891	0.3849	0.00	7.7790
Return to berth.Queue	0.00	0.00	0.00	0.00	0.00	0.00
Transfering Commodity to Storage Yard.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
Berth Assignment.Queue	0.00	0.00	0.00	0.00	0.00	0.00
Break Bulk Berthing.Queue	0.00081601	0.00	0.00	0.00244804	0.00	1.0000
Container Berthing.Queue	0.00	0.00	0.00	0.00	0.00	0.00
Dry Bulk Berthing.Queue	0.00408608	0.01	0.00	0.00677232	0.00	1.0000
Liquid Bulk Berthing.Queue	0.01523683	0.03	0.00084296	0.02885227	0.00	2.0000
Loading on Truck.Queue	0.04871739	0.02	0.04376185	0.05826921	0.00	2.0000
Return to berth.Queue	0.00	0.00	0.00	0.00	0.00	0.00
Transfering Commodity to Storage Yard.Queue	0.00	0.00	0.00	0.00	0.00	0.00

Category Overview

Values Across All Replications

Unnamed Project

Replications: 3   Time Units: Hours

Resource

Usage

Instantaneous Utilization

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Berth_Crane	0.6041	0.01	0.6012	0.6056	0.00	1.0000
Centre Quay	0.07252016	0.01	0.06868756	0.07771507	0.00	1.0000
North Quay	0.06863240	0.05	0.05247963	0.08921821	0.00	1.0000
Return_Truck	0.00013889	0.00	0.00013889	0.00013889	0.00	1.0000
Second Container Berth I	0.07927957	0.05	0.06160560	0.0985	0.00	1.0000
Second Container Berth II	0.07927957	0.05	0.06160560	0.0985	0.00	1.0000
Second Container Berth III	0.07927957	0.05	0.06160560	0.0985	0.00	1.0000
South Quay I	0.1229	0.05	0.1045	0.1458	0.00	1.0000
South Quay II	0.1915	0.02	0.1825	0.1982	0.00	1.0000
Terminal_Staff	0.07638889	0.00	0.07638889	0.07638889	0.00	1.0000
Transfer Crane	0.01196296	0.00	0.01188889	0.01200000	0.00	1.0000
West Quay I	0.06863240	0.05	0.05247963	0.08921821	0.00	1.0000
West Quay II	0.1412	0.06	0.1236	0.1669	0.00	1.0000
West Quay III	0.07252016	0.01	0.06868756	0.07771507	0.00	1.0000
West Quay IV	0.07252016	0.01	0.06868756	0.07771507	0.00	1.0000

Number Busy

	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Berth_Crane	0.6041	0.01	0.6012	0.6056	0.00	1.0000
Centre Quay	0.07252016	0.01	0.06868756	0.07771507	0.00	1.0000
North Quay	0.06863240	0.05	0.05247963	0.08921821	0.00	1.0000
Return_Truck	0.00013889	0.00	0.00013889	0.00013889	0.00	1.0000
Second Container Berth I	0.07927957	0.05	0.06160560	0.0985	0.00	1.0000
Second Container Berth II	0.07927957	0.05	0.06160560	0.0985	0.00	1.0000
Second Container Berth III	0.07927957	0.05	0.06160560	0.0985	0.00	1.0000
South Quay I	0.1229	0.05	0.1045	0.1458	0.00	1.0000
South Quay II	0.1915	0.02	0.1825	0.1982	0.00	1.0000
Terminal_Staff	0.07638889	0.00	0.07638889	0.07638889	0.00	1.0000
Transfer Crane	0.01196296	0.00	0.01188889	0.01200000	0.00	1.0000
West Quay I	0.06863240	0.05	0.05247963	0.08921821	0.00	1.0000
West Quay II	0.1412	0.06	0.1236	0.1669	0.00	1.0000
West Quay III	0.07252016	0.01	0.06868756	0.07771507	0.00	1.0000
West Quay IV	0.07252016	0.01	0.06868756	0.07771507	0.00	1.0000

Category Overview

Values Across All Replications

Unnamed Project

Replications: 3   Time Units: Hours

Resource

Usage

Number Scheduled	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Berth_Crane	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Centre Quay	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
North Quay	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Return_Truck	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Second Container Berth I	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Second Container Berth II	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Second Container Berth III	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
South Quay I	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
South Quay II	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Terminal_Staff	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
Transfer Crane	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
West Quay I	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
West Quay II	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
West Quay III	1.0000	0.00	1.0000	1.0000	1.0000	1.0000
West Quay IV	1.0000	0.00	1.0000	1.0000	1.0000	1.0000

Category Overview

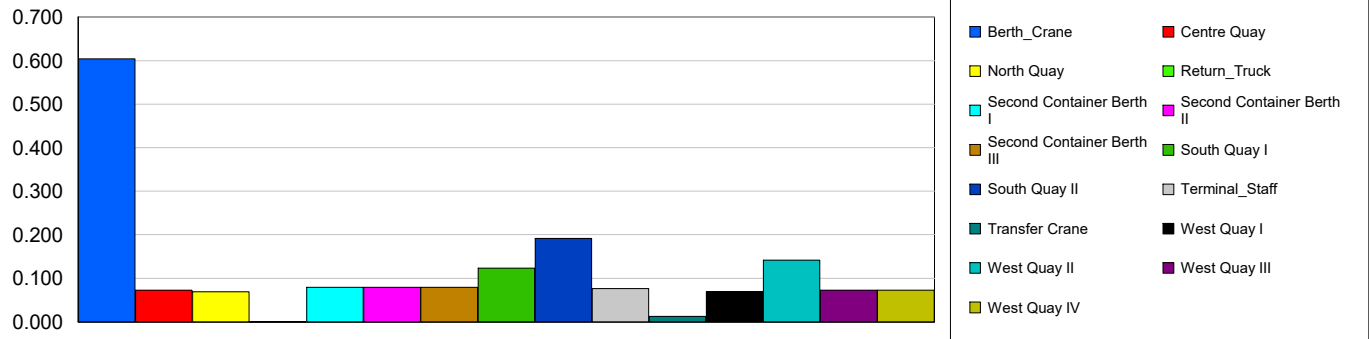*Values Across All Replications*

Unnamed Project

Replications: 3   Time Units: Hours

Resource

Usage

Scheduled Utilization	Average	Half Width	Minimum Average	Maximum Average
Berth_Crane	0.6041	0.01	0.6012	0.6056
Centre Quay	0.07252016	0.01	0.06868756	0.07771507
North Quay	0.06863240	0.05	0.05247963	0.08921821
Return_Truck	0.00013889	0.00	0.00013889	0.00013889
Second Container Berth I	0.07927957	0.05	0.06160560	0.0985
Second Container Berth II	0.07927957	0.05	0.06160560	0.0985
Second Container Berth III	0.07927957	0.05	0.06160560	0.0985
South Quay I	0.1229	0.05	0.1045	0.1458
South Quay II	0.1915	0.02	0.1825	0.1982
Terminal_Staff	0.07638889	0.00	0.07638889	0.07638889
Transfer Crane	0.01196296	0.00	0.01188889	0.01200000
West Quay I	0.06863240	0.05	0.05247963	0.08921821
West Quay II	0.1412	0.06	0.1236	0.1669
West Quay III	0.07252016	0.01	0.06868756	0.07771507
West Quay IV	0.07252016	0.01	0.06868756	0.07771507

Unnamed Project

Replications:	3	Time Units:	Hours

Resource

Usage

Total Number Seized	Average	Half Width	Minimum Average	Maximum Average
Berth_Crane	109.00	0.00	109.00	109.00
Centre Quay	22.3333	2.87	21.0000	23.0000
North Quay	29.0000	6.57	26.0000	31.0000
Return_Truck	1.0000	0.00	1.0000	1.0000
Second Container Berth I	48.0000	8.61	46.0000	52.0000
Second Container Berth II	48.0000	8.61	46.0000	52.0000
Second Container Berth III	48.0000	8.61	46.0000	52.0000
South Quay I	33.0000	2.48	32.0000	34.0000
South Quay II	62.0000	8.61	58.0000	64.0000
Terminal_Staff	110.00	0.00	110.00	110.00
Transfer Crane	107.67	1.43	107.00	108.00
West Quay I	29.0000	6.57	26.0000	31.0000
West Quay II	51.3333	6.25	49.0000	54.0000
West Quay III	22.3333	2.87	21.0000	23.0000
West Quay IV	22.3333	2.87	21.0000	23.0000
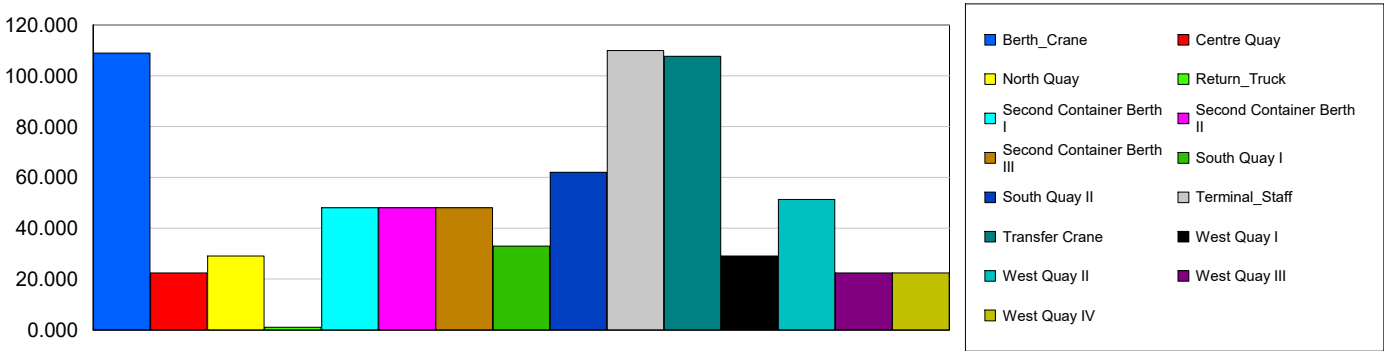
Unnamed Project

Replications: 3   Time Units: Hours

User Specified

Tally

Interval	Average	Half Width	Minimum Average	Maximum Average	Minimum Value	Maximum Value
Total TIme	7.0048	0.33	6.8817	7.1478	4.7864	29.4561

Counter

Count	Average	Half Width	Minimum Average	Maximum Average
No of Damaged Vessels	1.0000	0.00	1.0000	1.0000
Number of Vessels	107.67	1.43	107.00	108.00

■ No of Damaged Vessels
■ Number of Vessels