



Logistics Databank Analytics Report

NOVEMBER 2021



Section 01

Report Inference

This sections depicts the inference and major highlights of the report

1. Pan India Performance
2. Port Dwell Time Performance – Corridor & Terminal wise Performance
3. Critical Incident Summary
4. Pan India - Port Performance Benchmarking & Performance Index
5. Pan India - CFS Performance Benchmarking & Performance Index
6. Region wise segmentation, Western Region ICD performance and region-wise CFS performance
7. Analysis of Container Movement across India

Section 02

Annexure

This sections depicts the analysis of Individual Port Terminals region-wise

1. Individual Terminal Performance In Southern Corridor
2. Individual Terminal Performance In Eastern Corridor
3. Individual Terminal Performance In Western Corridor
4. JNPT Region: Congestion Analysis
5. Western Corridor Toll Plaza Analysis

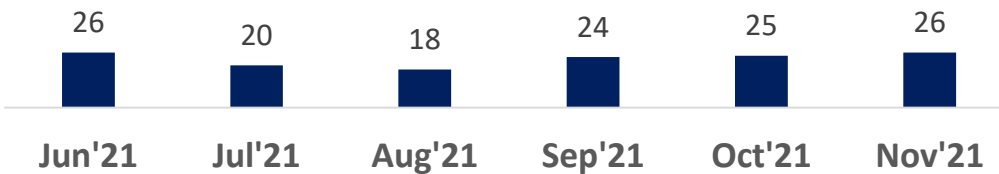
PAN INDIA Performance Snapshot: November 2021 (Dwell Time)



Port Dwell Time Performance – Western Corridor (Import Cycle)

Import Cycle – Dwell Time Performance – Western Corridor (in hrs)

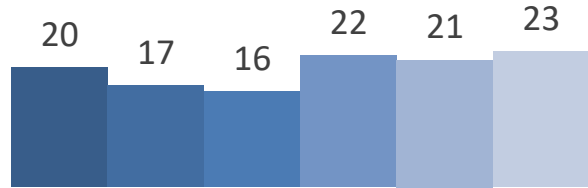
Western Corridor



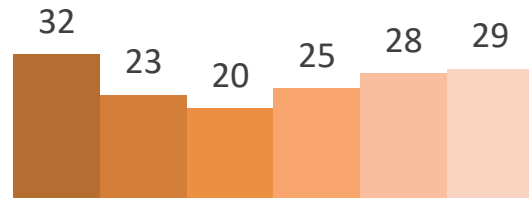
Port - Wise



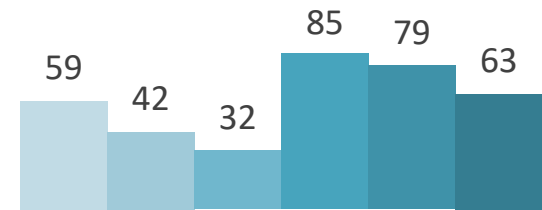
JNPT



Gujrat



Kandla

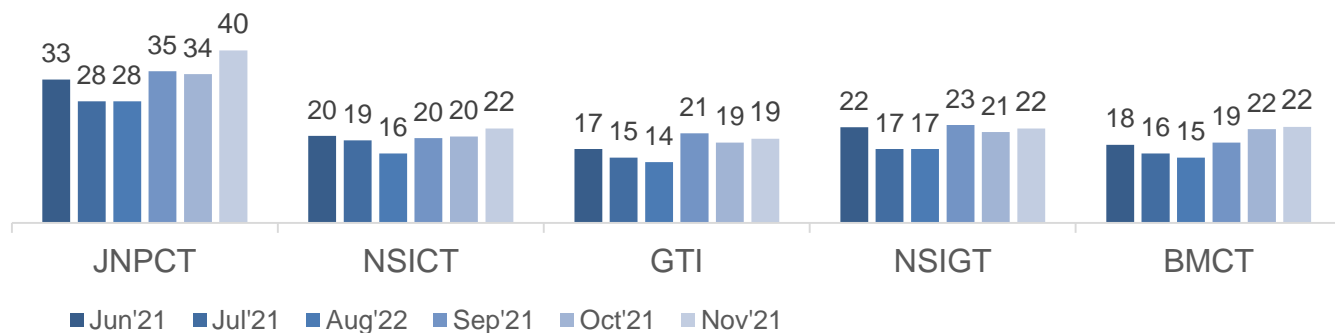


■ Jun'21 ■ Jul'21 ■ Aug'21 ■ Sep'21 ■ Oct'21 ■ Nov'21

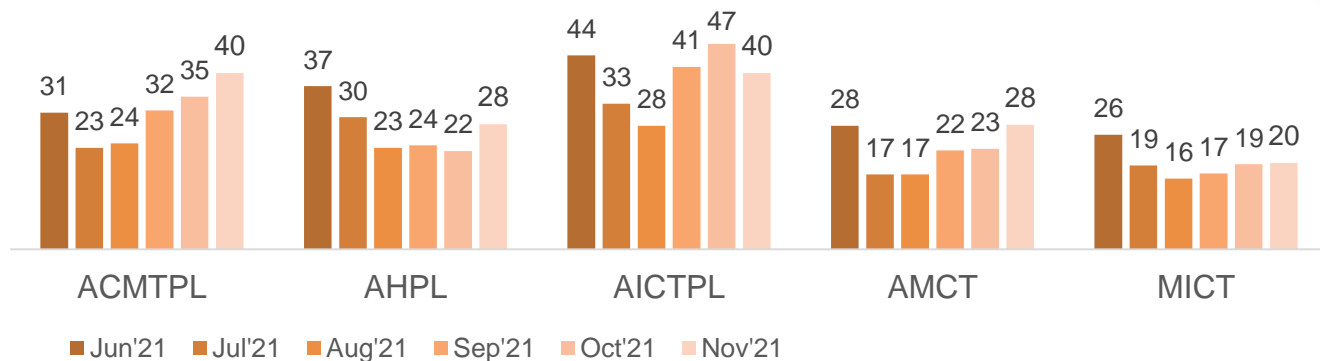
■ Jun'21 ■ Jul'21 ■ Aug'21 ■ Sep'21 ■ Oct'21 ■ Nov'21

■ Jun'21 ■ Jul'21 ■ Aug'21 ■ Sep'21 ■ Oct'21 ■ Nov'21

JNPT - Terminal



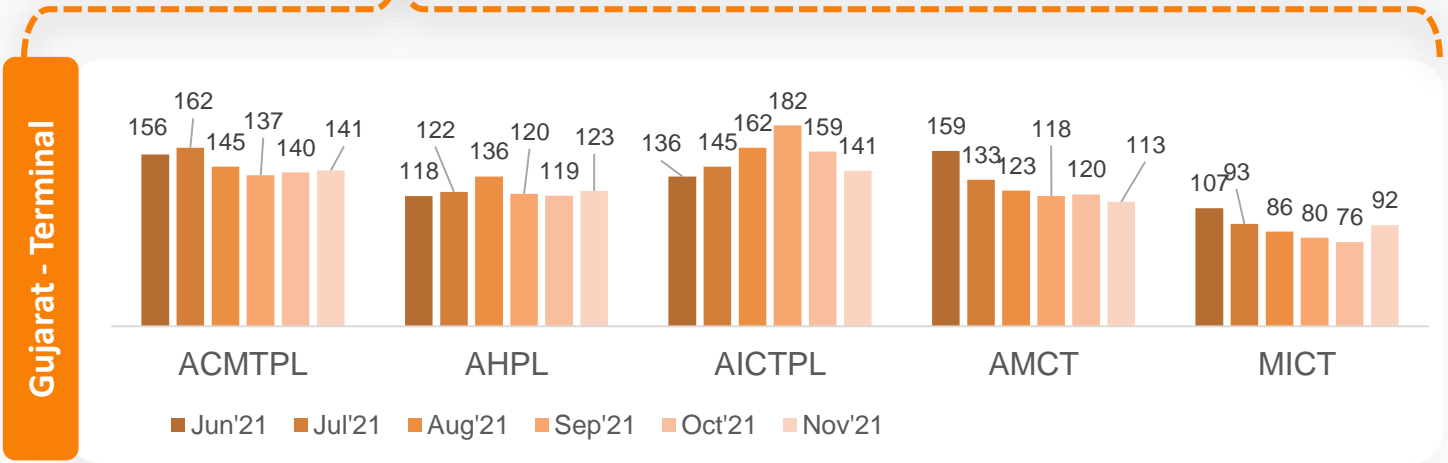
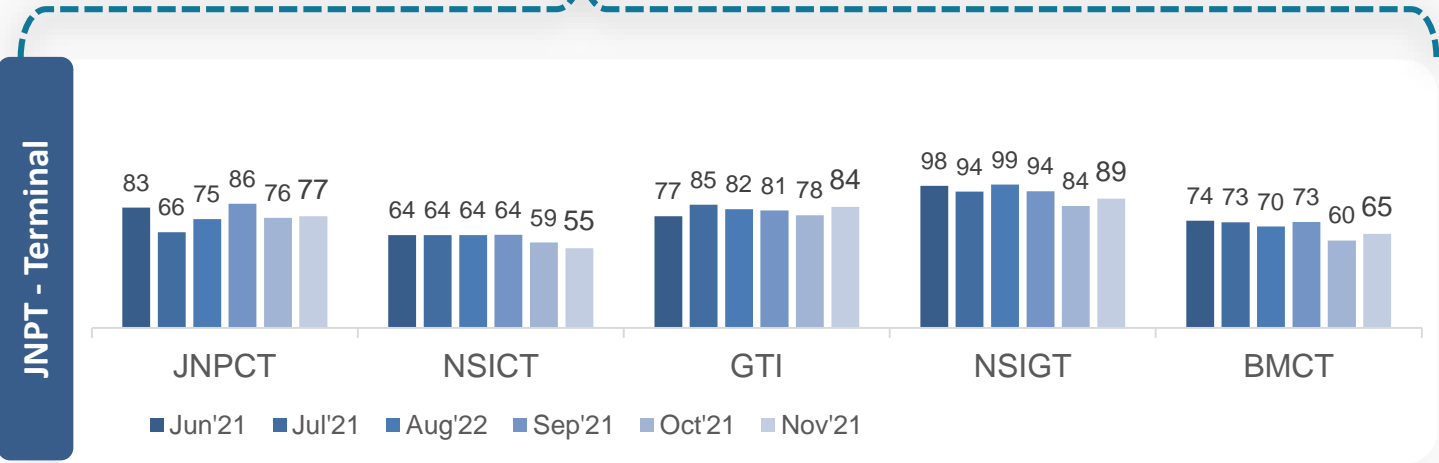
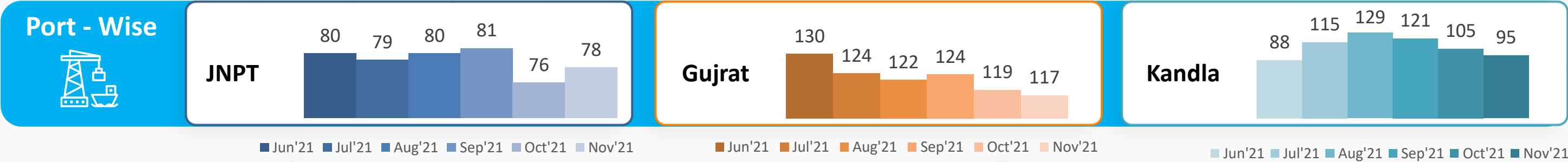
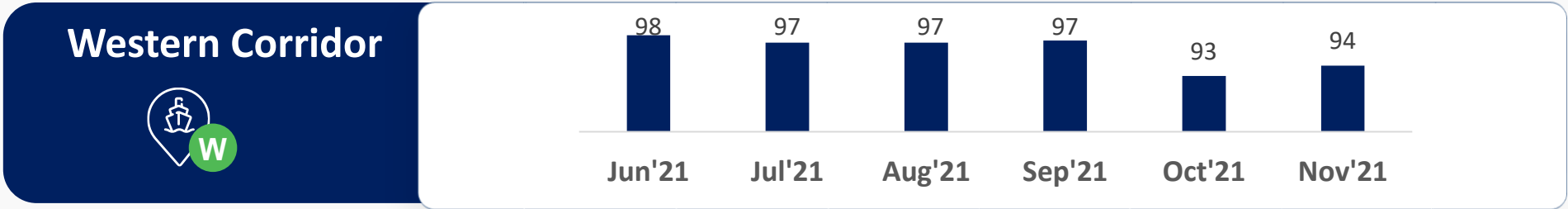
Gujarat - Terminal





Port Dwell Time Performance – Western Corridor (Export Cycle)

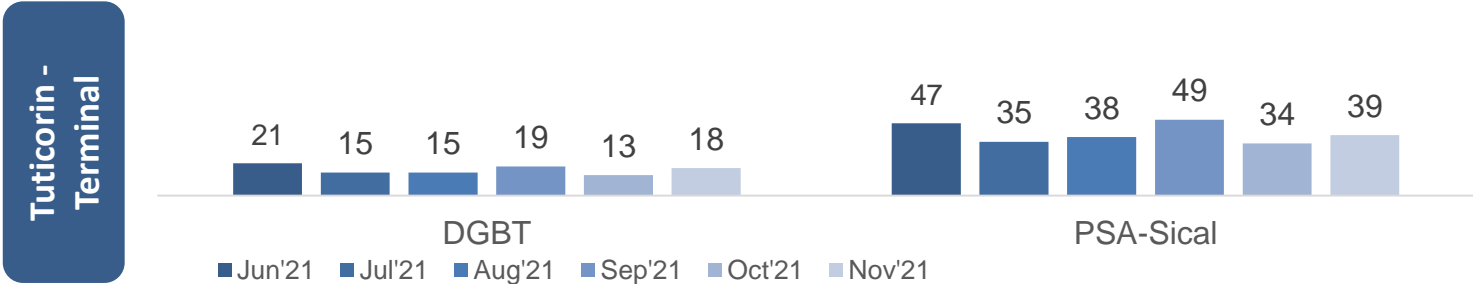
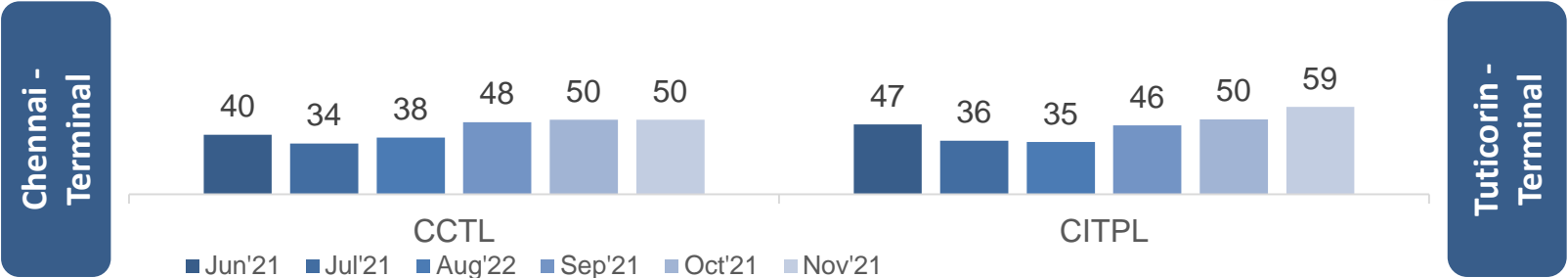
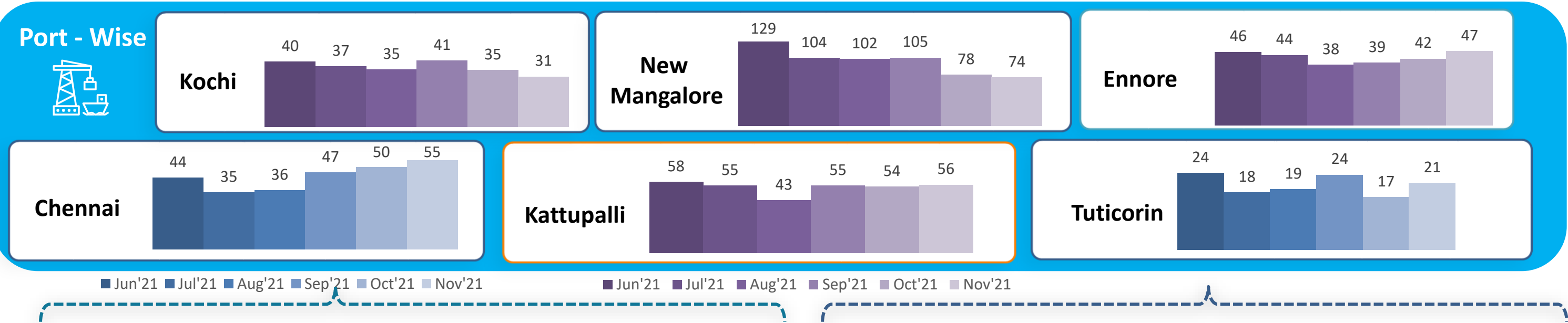
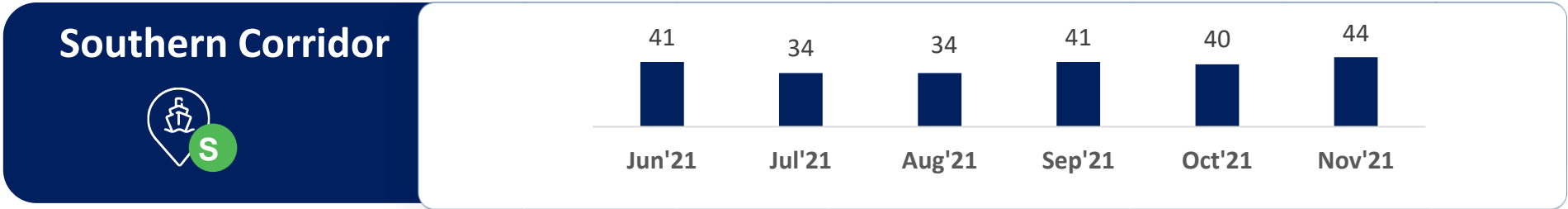
Export Cycle – Dwell Time Performance – Western Corridor (in hrs)





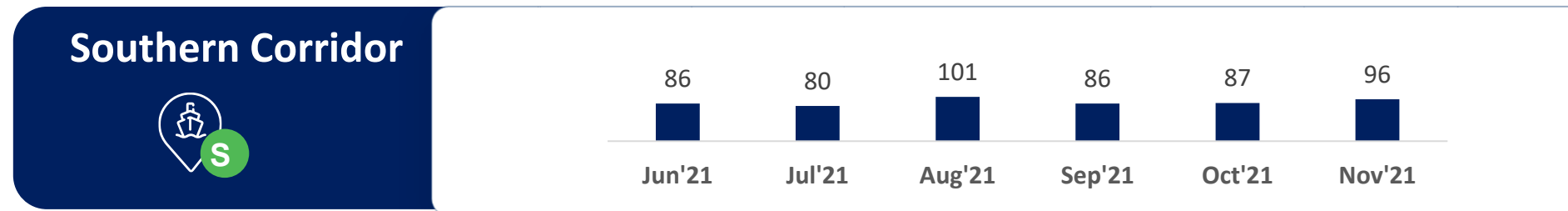
Port Dwell Time Performance – Southern Corridor (Import Cycle)

Import Cycle – Dwell Time Performance – Southern Corridor (in hrs)

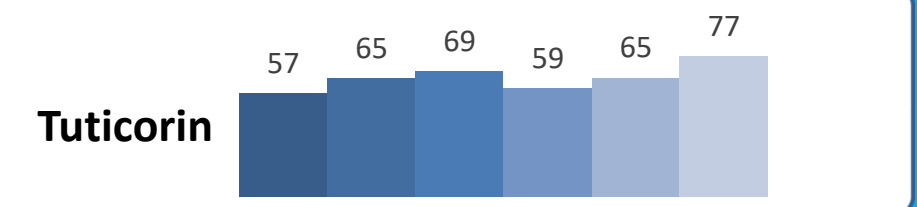
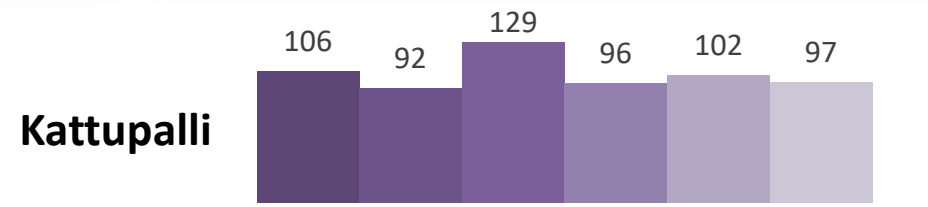
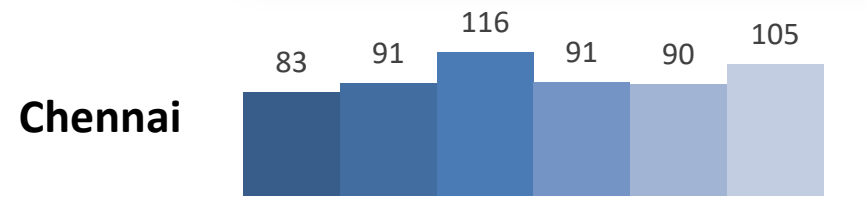
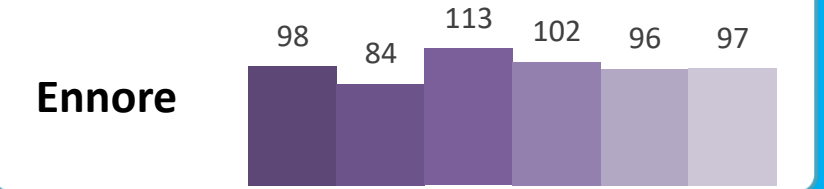
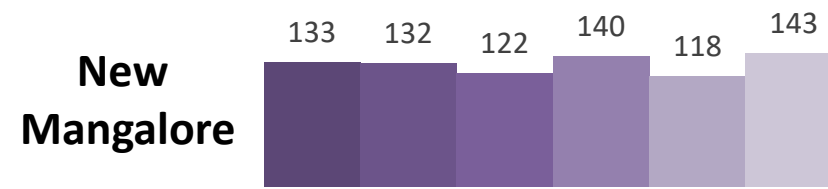
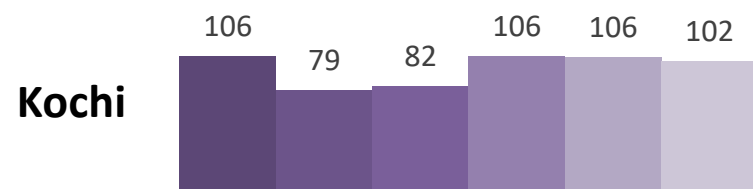


Port Dwell Time Performance – Southern Corridor (Export Cycle)

Export Cycle – Dwell Time Performance – Southern Corridor (in hrs)



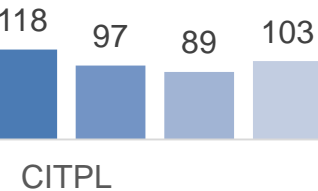
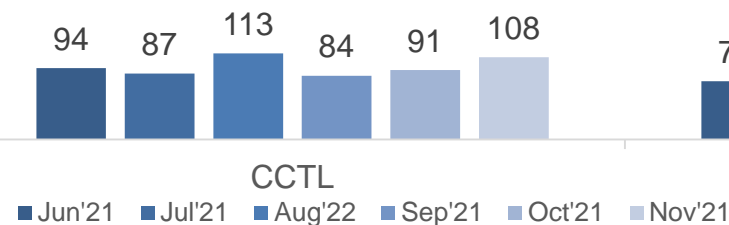
Port - Wise



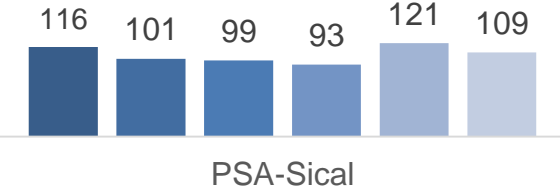
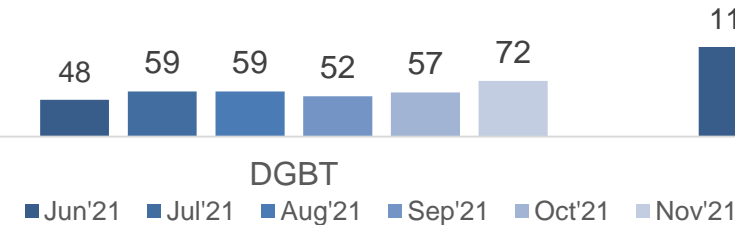
■ Jun'21 ■ Jul'21 ■ Aug'21 ■ Sep'21 ■ Oct'21 ■ Nov'21

■ Jun'21 ■ Jul'21 ■ Aug'21 ■ Sep'21 ■ Oct'21 ■ Nov'21

Chennai - Terminal



Tuticorin - Terminal



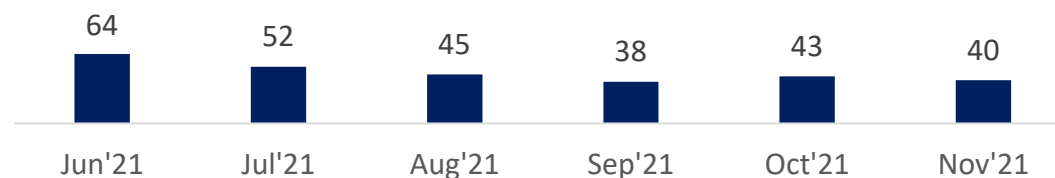
■ Jun'21 ■ Jul'21 ■ Aug'21 ■ Sep'21 ■ Oct'21 ■ Nov'21

PSA-Sical

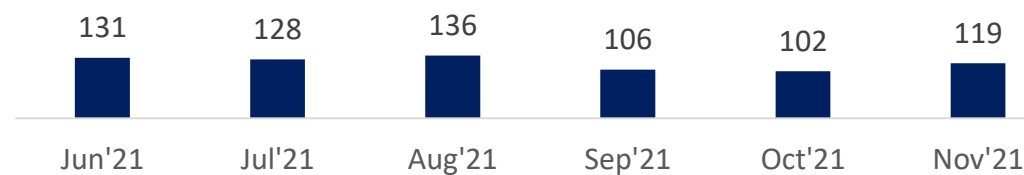
Port Dwell Time Performance – Eastern Corridor

Import Cycle (in hrs)

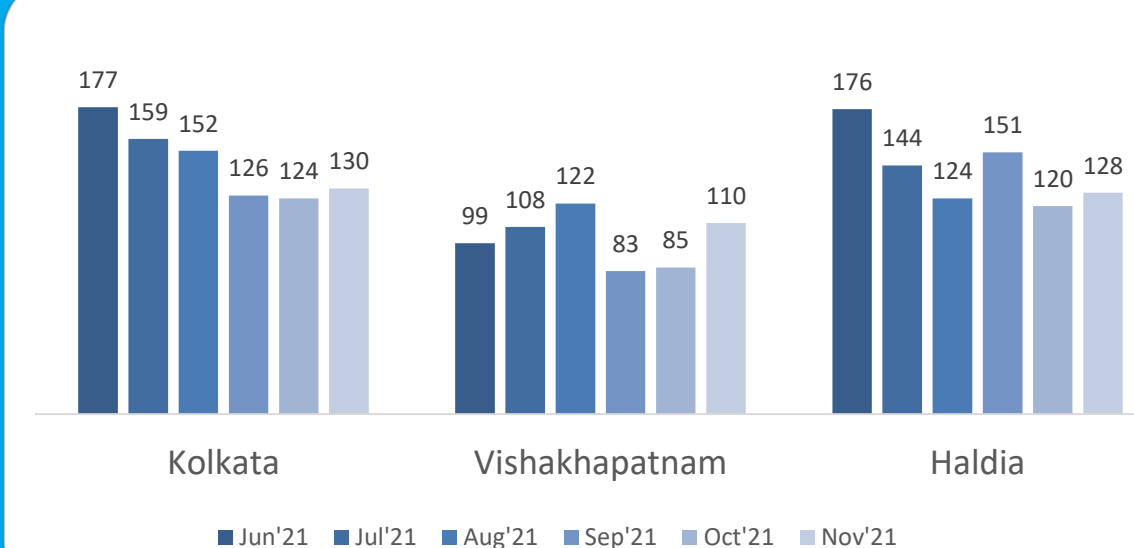
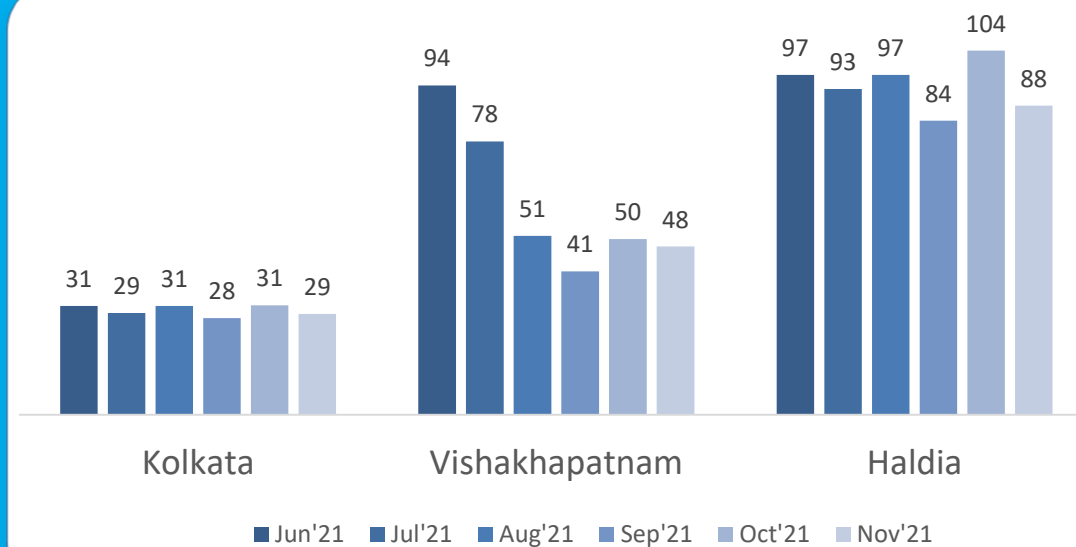
Eastern Corridor



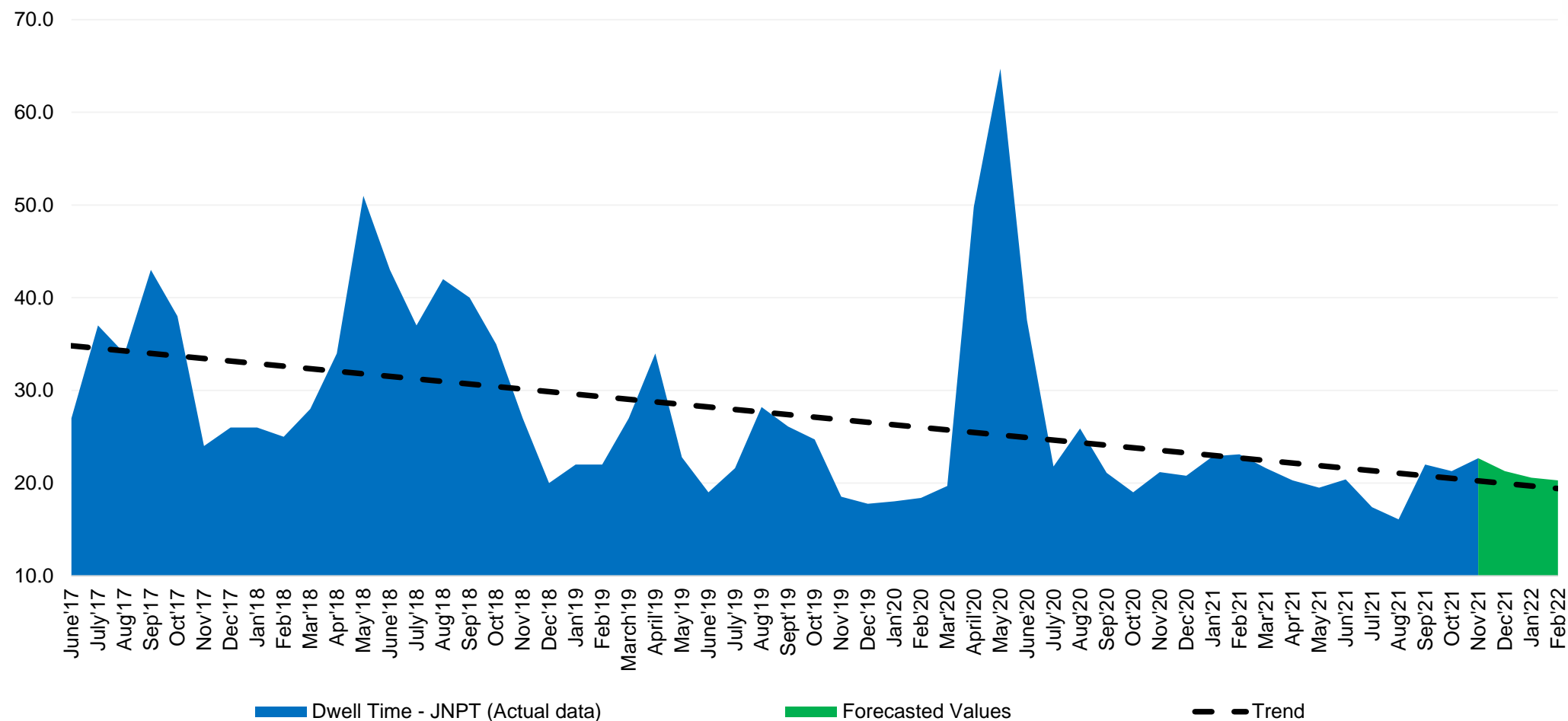
Import Cycle (in hrs)



Port - Wise



JNPT Port – Import Cycle



Observation

Import Cycle

- It has been observed that the overall trend of dwell time is decreasing
- Due to the cyclic variations in the monthly data it is expected to reach a local maxima in Nov'21 and strictly decrease from there on to reach a minima in the month of Feb'22.



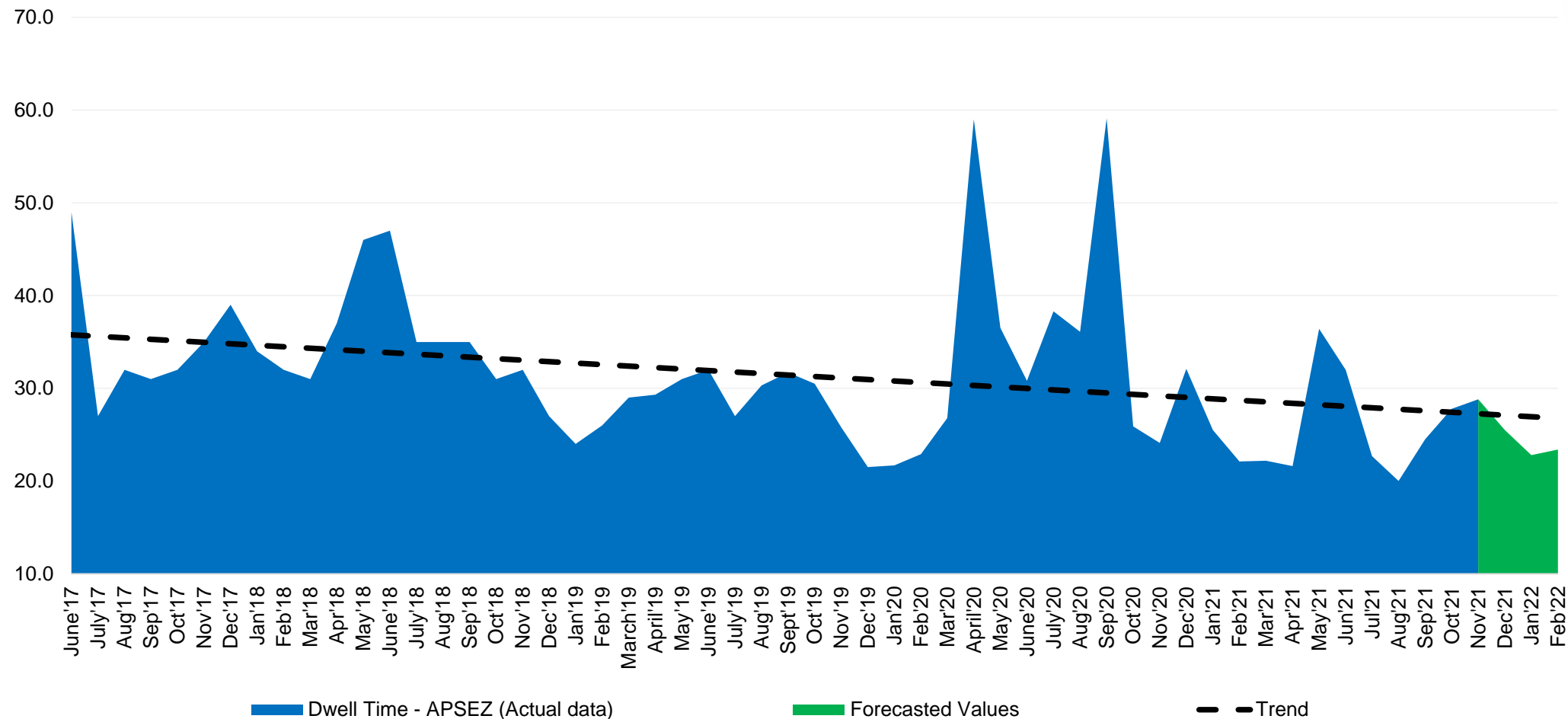
Predicted
Dwell Time (in hrs)

Dec'21
21.3

Jan'22
20.6

Feb'22
20.3

Mundra Port – Import Cycle



Observation

Import Cycle

- It has been observed that the overall trend of dwell time is decreasing
- Due to the cyclic variations in the monthly data it is expected to reach a local maxima in Nov'21 and strictly decrease from there on to reach a minima in the month of Jan'22.



Predicted
Dwell Time (in hrs)

Dec'21

25.8

Jan'22





22.8

Feb'22

23.4

Western Corridor

- The Overall container handling performance in Western Corridor in Import Cycle has deteriorated by 6% & Export Cycle deteriorated by 2%.
- The container handling performance at CFS has deteriorated by 0.1%. Also, ICD performance has deteriorated by 4%.

Month	Import cycle – Dwell Time	Export cycle – Dwell Time	CFS Dwell Time	ICD Dwell Time
Nov'21	26.0 hrs 	93.9 hrs 	89.0 hrs 	118.8 hrs 
Oct'21	24.5 hrs	92.5 hrs	88.8 hrs	114.4 hrs

Southern Corridor

- The Overall container handling performance in Southern Corridor in Import Cycle has deteriorated by 11% & in Export Cycle has deteriorated by 10%.
- The container handling performance at CFS has deteriorated by 5%

Month	Import cycle – Dwell Time	Export cycle – Dwell Time	CFS Dwell Time
Nov'21	44.0 hrs 	95.5 hrs 	106.6 hrs 
Oct'21	39.5 hrs	86.8 hrs	101.4 hrs

Eastern Corridor

- The Overall container handling performance in Eastern Corridor for Import Cycle has improved by 8% and Export Cycle has deteriorated by 17%.
- The container handling performance at CFS has improved by 6%

Month	Import Cycle – Dwell Time	Export Cycle – Dwell Time	CFS Dwell Time
Nov'21	39.7 hrs 	119.3 hrs 	121.2 hrs 
Oct'21	43.1 hrs	101.8 hrs	129.5 hrs

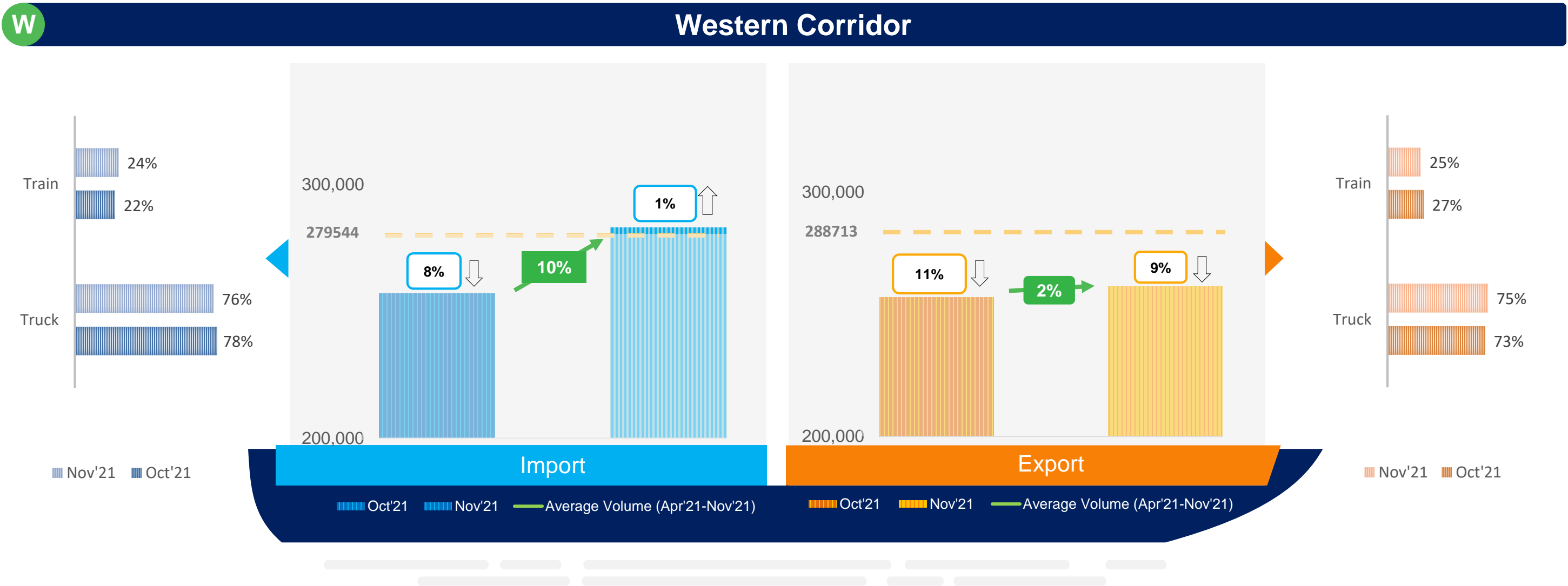


COVID – 19 Impact



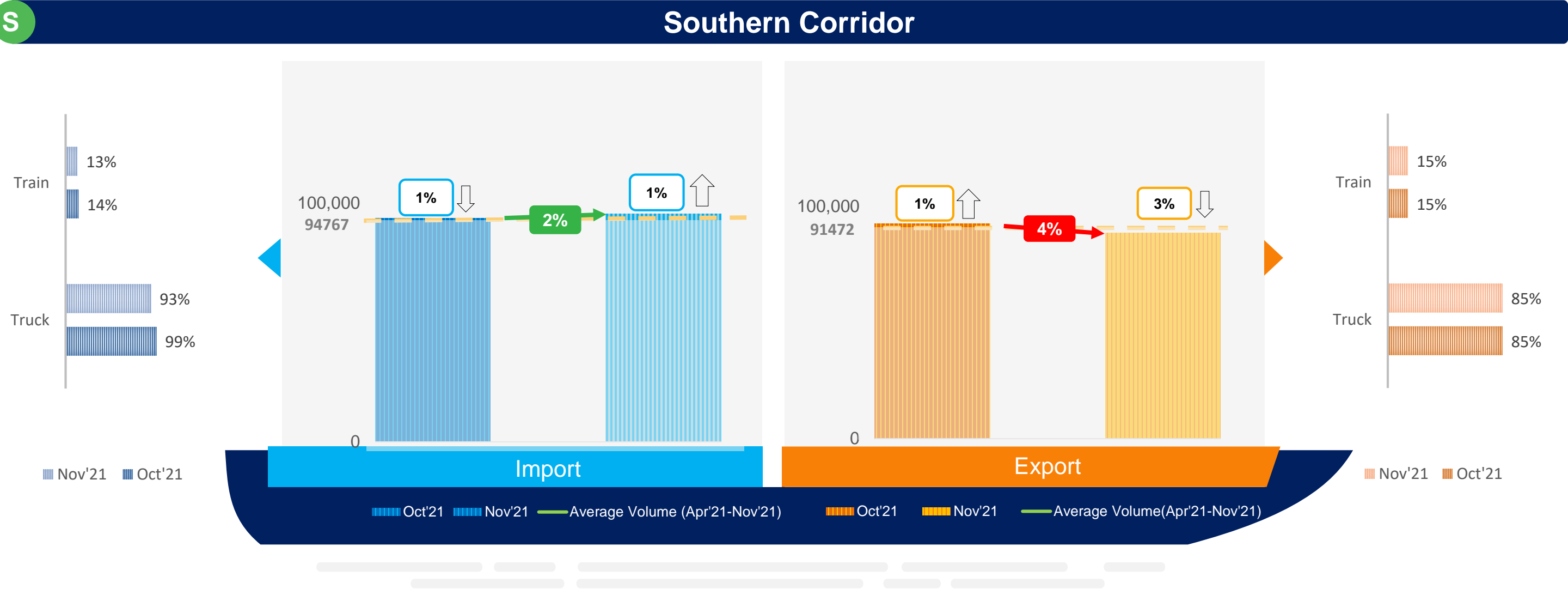
Covid-19 Impact – Western Corridor

Below graphs depicts the change in volume percentage during the month of Nov'21 w.r.t the last month i.e., Oct'21 and the average EXIM corridor wise volume



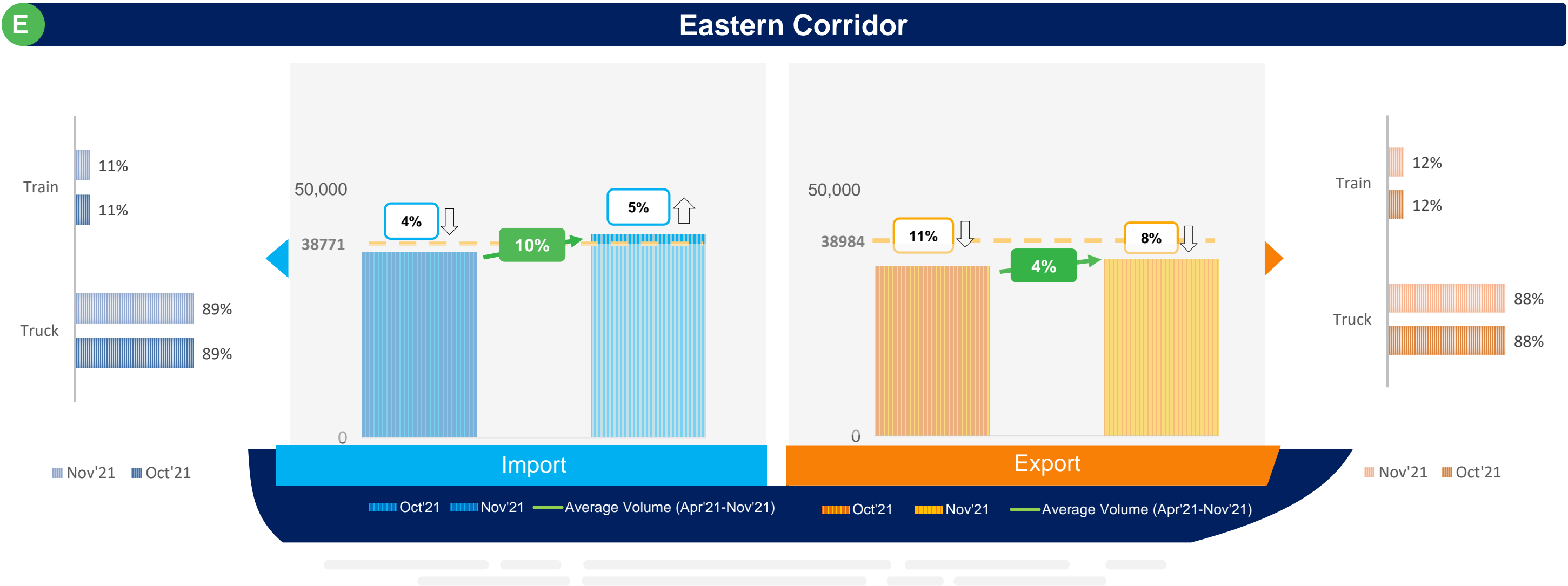
Covid-19 Impact – Southern Corridor

Below graphs depicts the change in volume percentage during the month of Nov'21 w.r.t the last month i.e., Oct'21 and the average EXIM corridor wise volume



Covid-19 Impact – Eastern Corridor

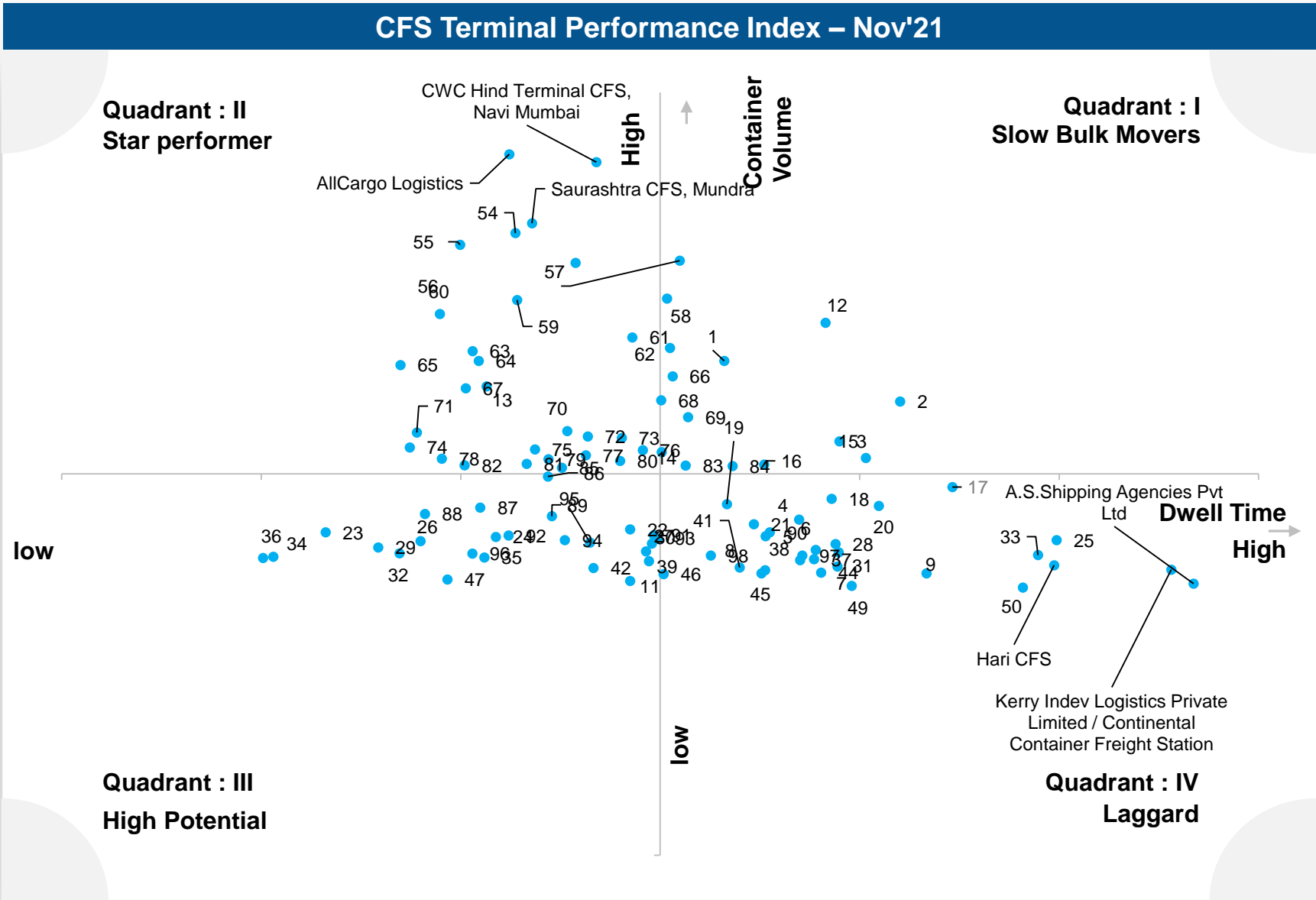
Below graphs depicts the change in volume percentage during the month of Nov'21 w.r.t the last month i.e., Oct'21 and the average EXIM corridor wise volume



Pan India - CFS Performance Benchmarking & Performance Index

Performance Benchmarking - CFSs

The benchmarking showcase the individual CFS’s performance w.r.t Pan India



Performance benchmarking for CFSs covered under LDB project for Nov'21

Top Three Performing CFSs		
CFS Name	Oct'21	Nov'21
All Cargo Logistics	77.8 hrs	82.8 hrs
CWC Hind Terminal CFS, Navi Mumbai	111.0 hrs	93.8 hrs
Saurashtra CFS, Mundra	87.8 hrs	85.7 hrs

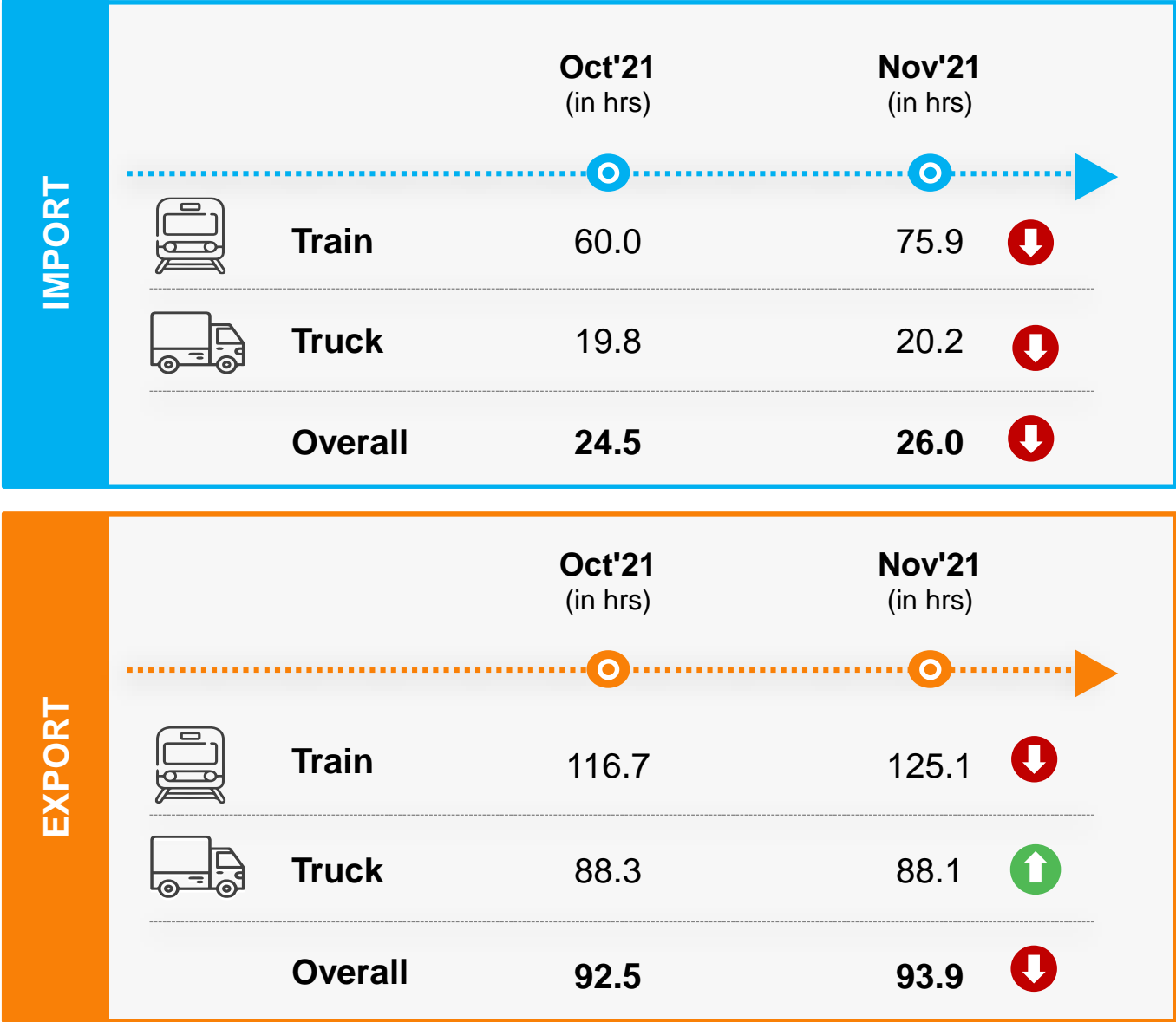
Bottom Three Performing CFSs		
CFS Name	Oct'21	Nov'21
A.S.Shipping Agencies Pvt Ltd	144.1 hrs	169.1 hrs
Kerry Indev Logistics Private Limited / Continental Container Freight Station	135.2 hrs	166.3 hrs
Hari CFS	116.2 hrs	151.5 hrs

↑↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Oct'21

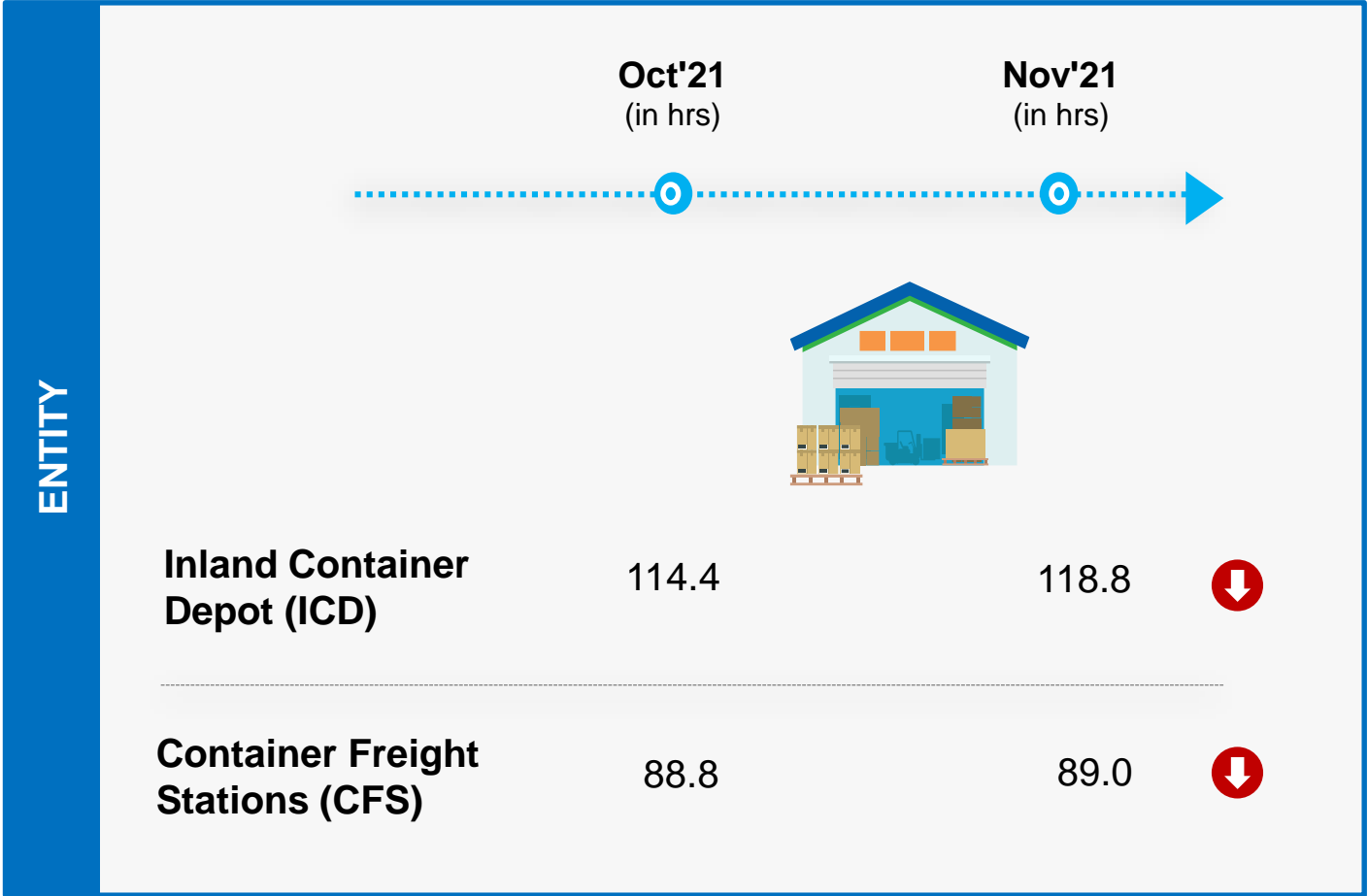
Performance Index - Summary	
In order to assess the relative performance of various entitled like Port terminals, CFS(s) and ICD(s), the relative Dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular organisation on the basis of these two combined factors i.e. Dwell time and Volume	
Star Performer Consist of entities which have catered relatively high container volume in lower dwell time	Slow Bulk Movers Consist of entities which have catered higher container volume in higher dwell time
High Potential Consist of entities which have catered relatively lower container volume in lower dwell time	Laggard Consist of entities which have catered relatively lower container volume at higher dwell time

Container Transportation Performance - Western Corridor

Port Dwell Time



Container Freight Stations(CFS)/ Inland Container depots(ICD) – Dwell Time



The marked entries showcase increase in performance in comparison to Oct'21

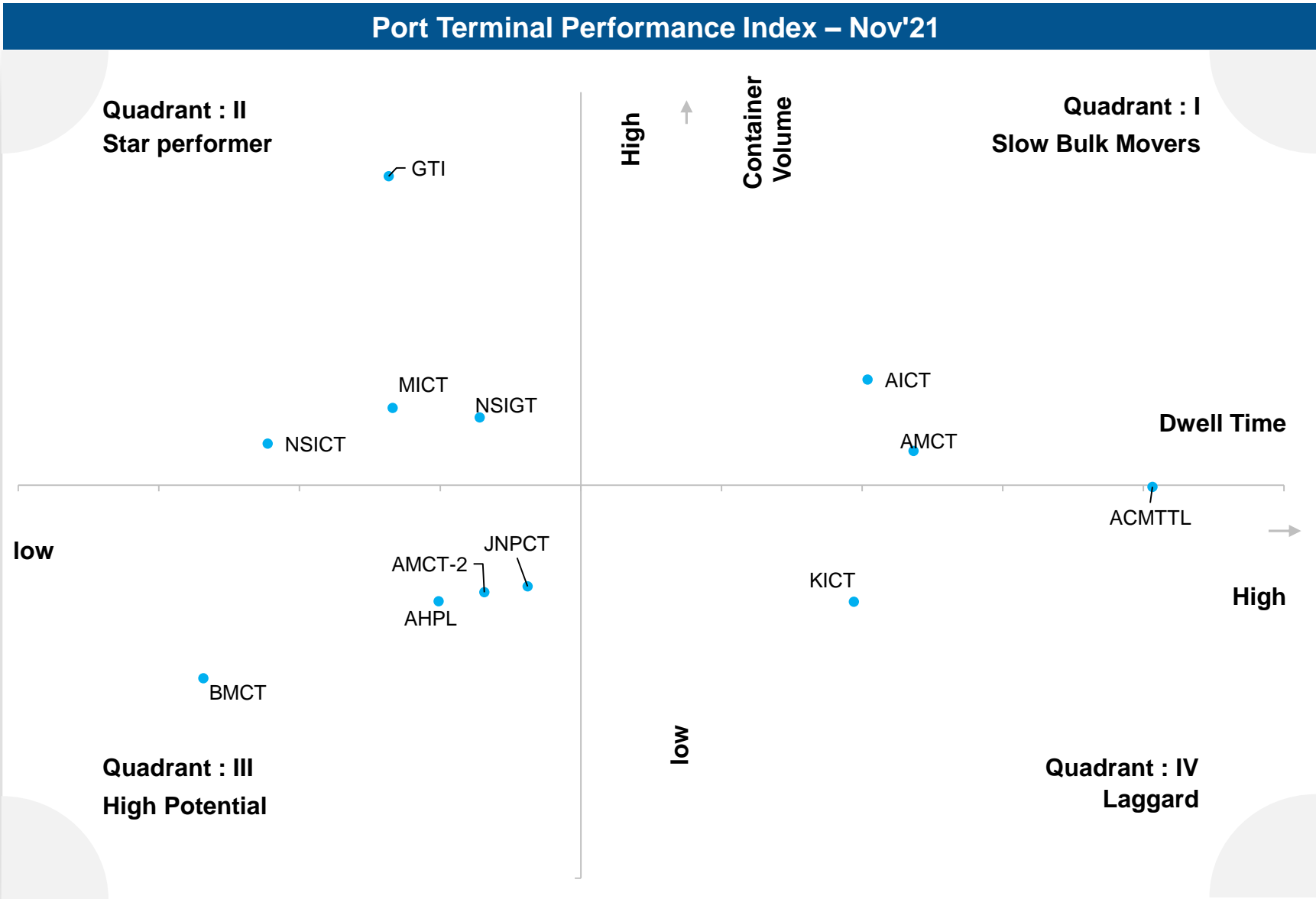


The marked entries showcase decrease in performance in comparison to Oct'21



Port Performance Benchmarking & Performance Index - Western Corridor

Performance Benchmarking - Port Terminals

The benchmarking showcase the individual terminal’s performance w.r.t Western Region



Performance benchmarking for Port Terminals covered under LDB project for Nov'21

Top Performing Terminal		
Gateway Terminals India (GTI)		
Oct'21	Nov'21	
43.2 Hrs	44.2 Hrs.	
Low Performing Terminal		
Adani CMA Mundra Terminal (ACMTPL)		
Oct'21	Nov'21	
84.5 Hrs	104.8 Hrs.	

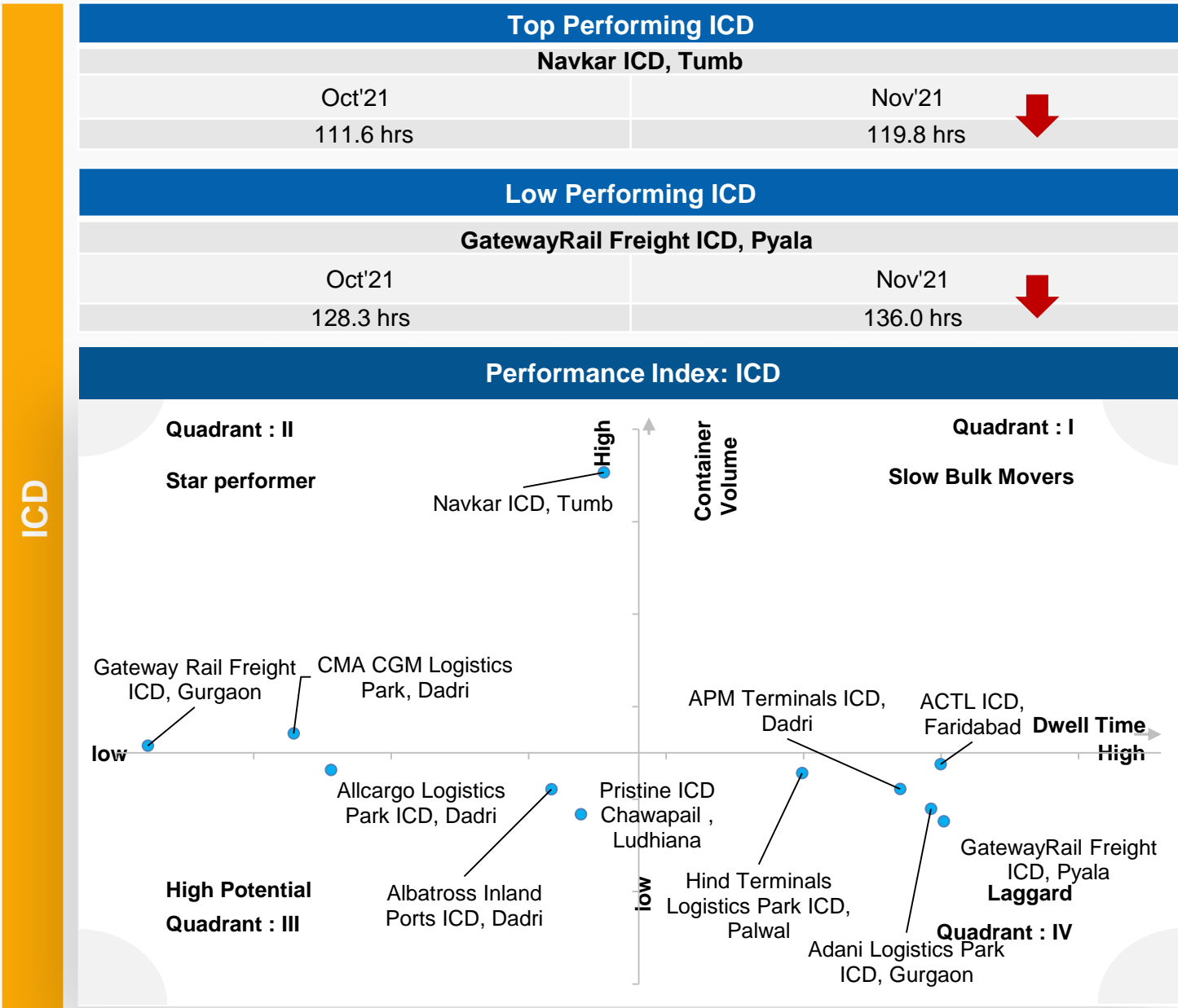
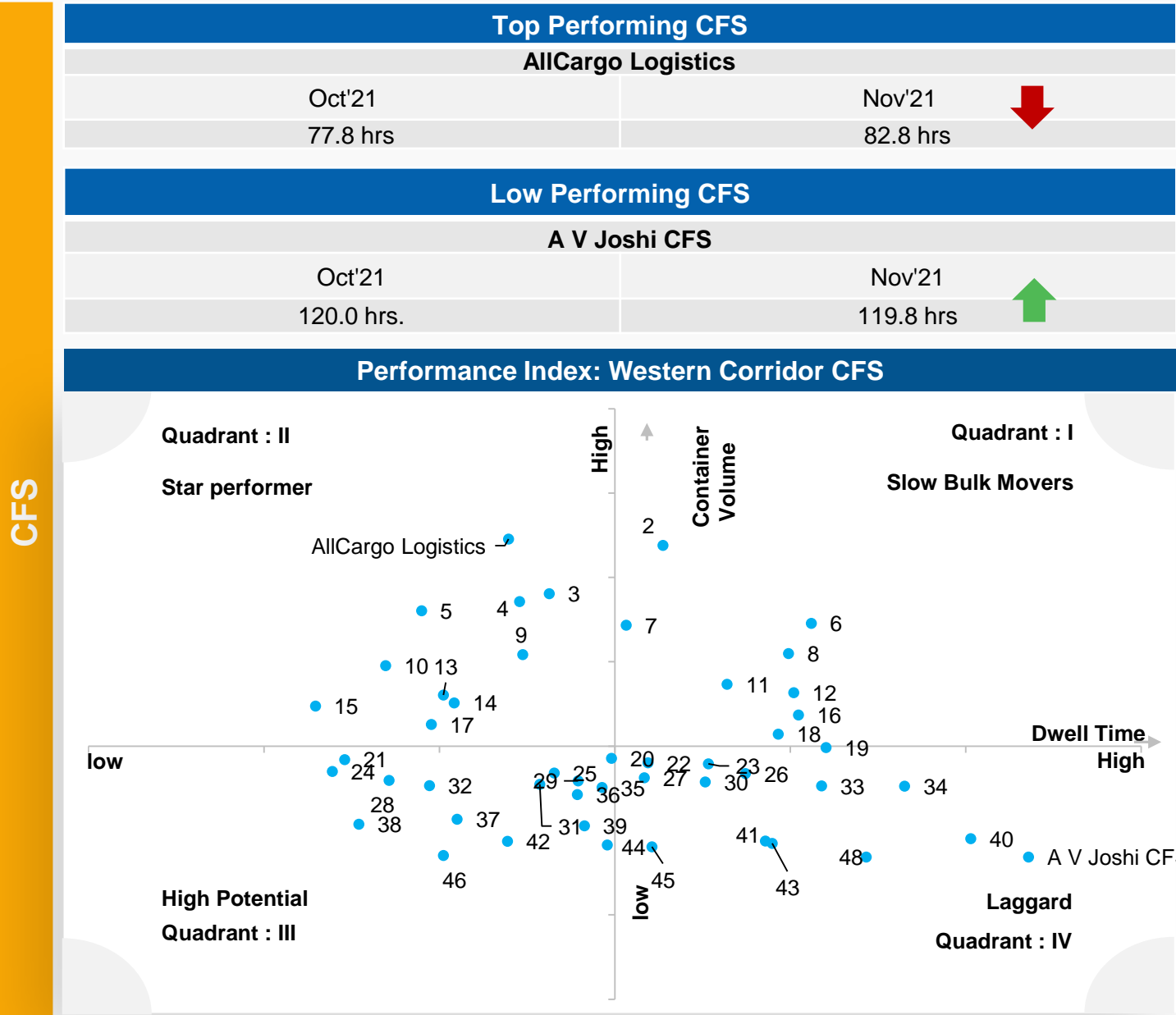
Note: The performance benchmarking is based on performance index

↑↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Oct'21

Performance Index - Summary	
In order to assess the relative performance of various entitled like Port terminals, CFS(s) and ICD(s), the relative Dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular organisation on the basis of these two combined factors i.e. Dwell time and Volume	
Star Performer Consist of entities which have catered relatively high container volume in lower dwell time	Slow Bulk Movers Consist of entities which have catered higher container volume in higher dwell time
High Potential Consist of entities which have catered relatively lower container volume in lower dwell time	Laggard Consist of entities which have catered relatively lower container volume at higher dwell time

CFS/ICD Performance Benchmarking & Performance Index - Western Corridor

Performance Benchmarking

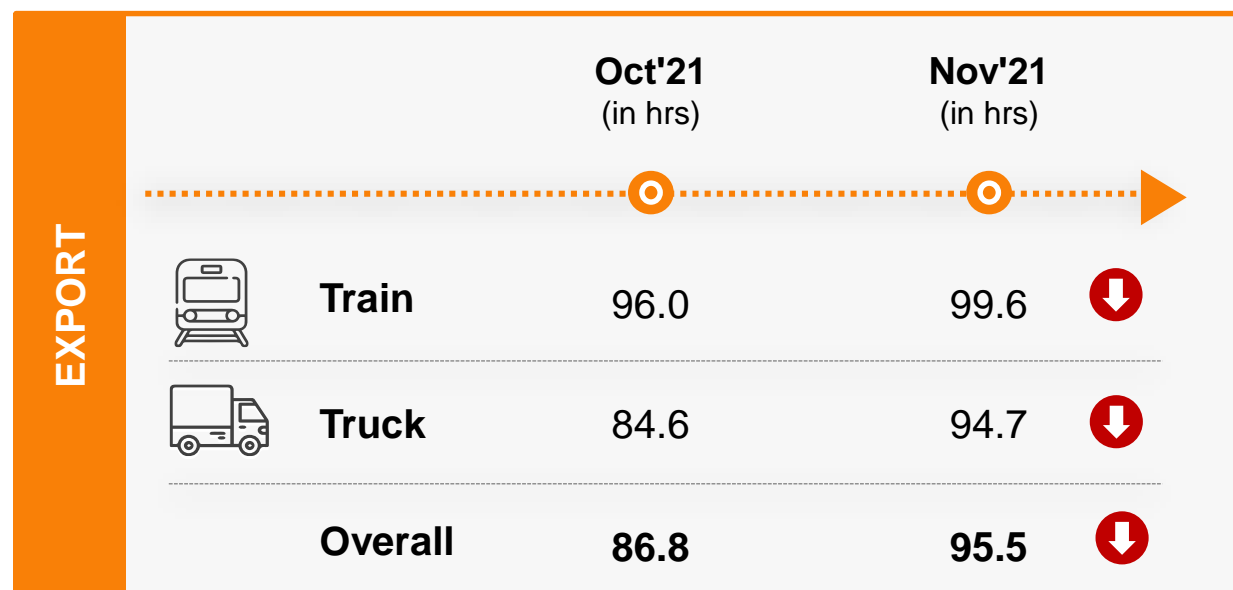
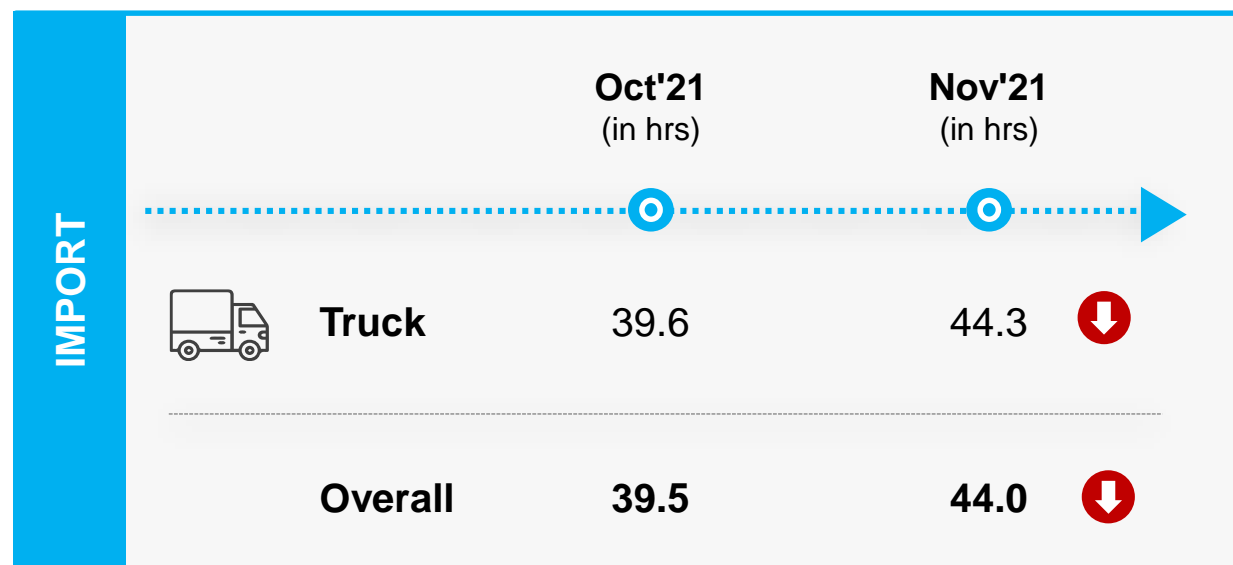


Note: The performance benchmarking is based on performance index   The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Oct'21

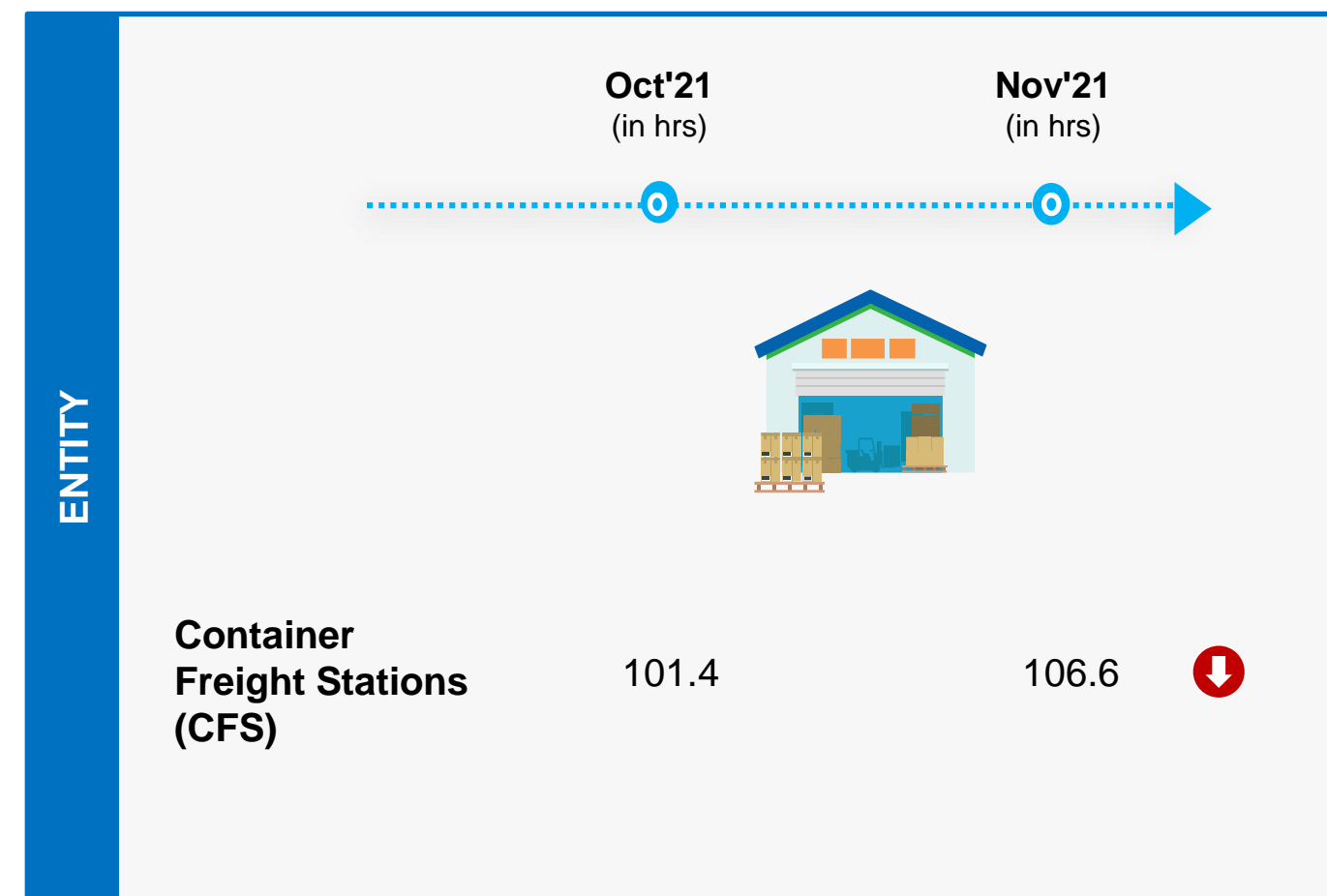
Kindly refer to Annexure section for the names of CFS

Container Transportation Performance - Southern Corridor

Port Dwell Time



Container Freight Stations(CFS)– Dwell Time



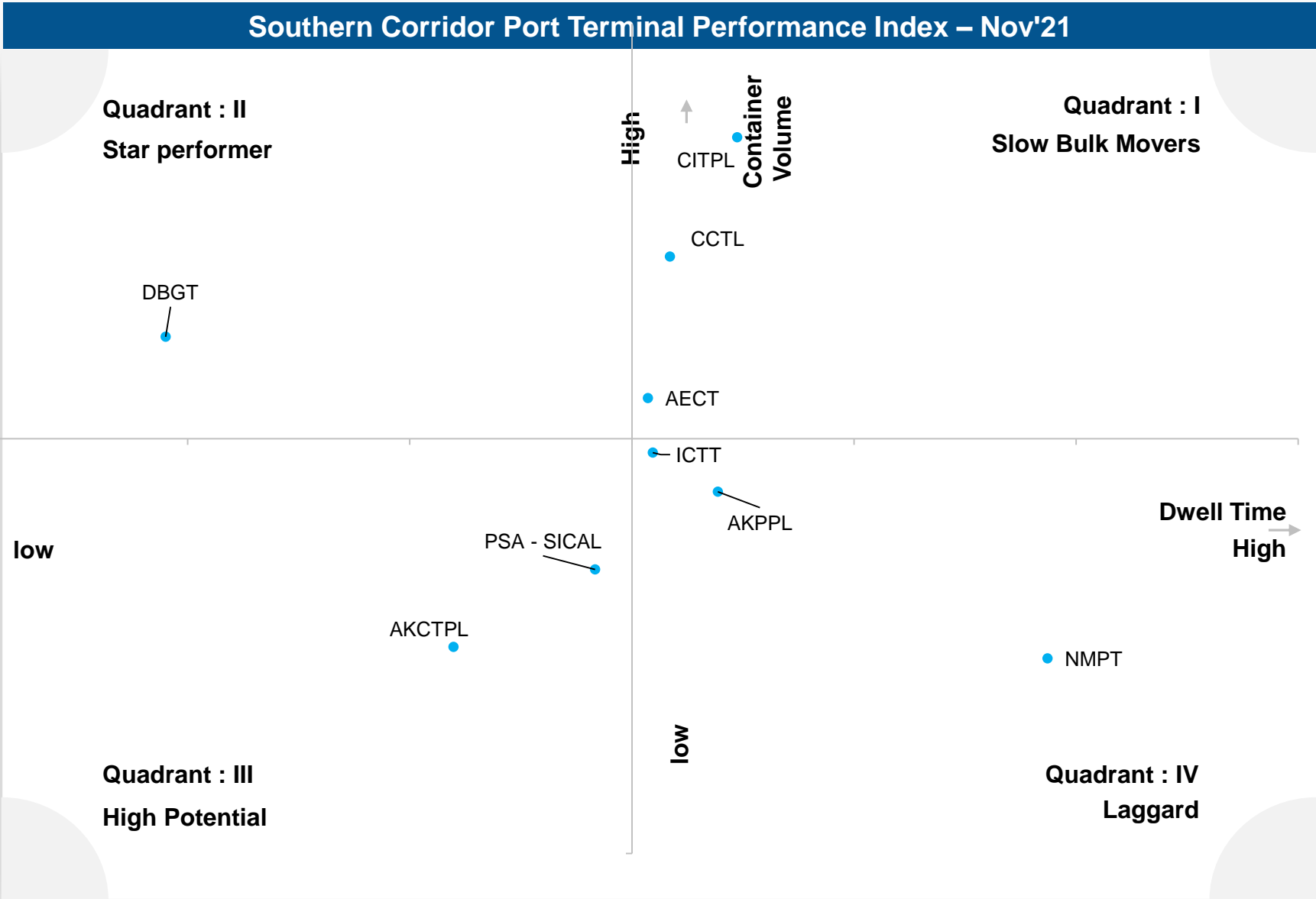
↑ The marked entries showcase increase in performance in comparison to Oct'21

↓ The marked entries showcase decrease in performance in comparison to Oct'21



Port Performance Benchmarking & Performance Index - Southern Corridor

Performance Benchmarking – Port Terminals



The benchmarking showcase the individual terminal’s performance w.r.t Southern Region



Performance benchmarking for CFSs covered under LDB project for Nov'21

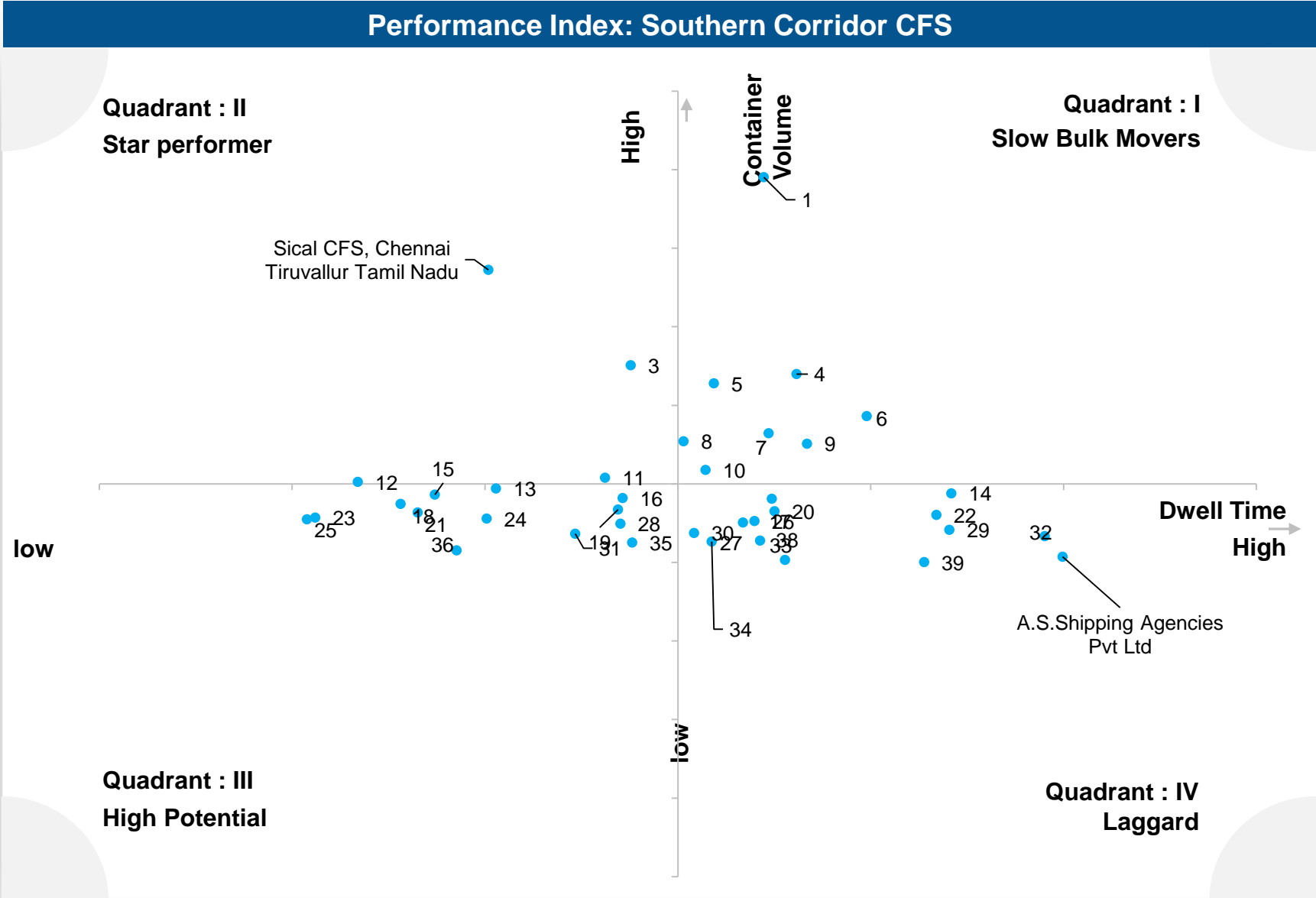
Top Performing Terminal		
Dakshin Bharat Gateway Terminal (DBGT)		
Oct'21	Nov'21	
29.4 hrs	38.6 hrs	
Low Performing Terminal		
New Mangalore Port Trust		
Oct'21	Nov'21	
92.8 hrs	96.3 hrs	

Note: The performance benchmarking is based on performance index



 The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Oct'21

Performance Index - Summary	
In order to assess the relative performance of various entitled like Port terminals, CFS(s) and ICD(s), the relative Dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular organisation on the basis of these two combined factors i.e. Dwell time and Volume	
Star Performer Consist of entities which have catered relatively high container volume in lower dwell time	Slow Bulk Movers Consist of entities which have catered higher container volume in higher dwell time
High Potential Consist of entities which have catered relatively lower container volume in lower dwell time	Laggard Consist of entities which have catered relatively lower container volume at higher dwell time

Performance Benchmarking - CFSs



Performance benchmarking for CFS covered under LDB project in Southern Corridor for Nov'21

Top Performing Terminal	
Sical CFS, Chennai Tiruvallur Tamil Nadu	
Oct'21	Nov'21
93.1 hrs	80.0 hrs
↑	
Low Performing Terminal	
A.S.Shipping Agencies Pvt Ltd	
Oct'21	Nov'21
144.1 hrs	169.1 hrs
↓	

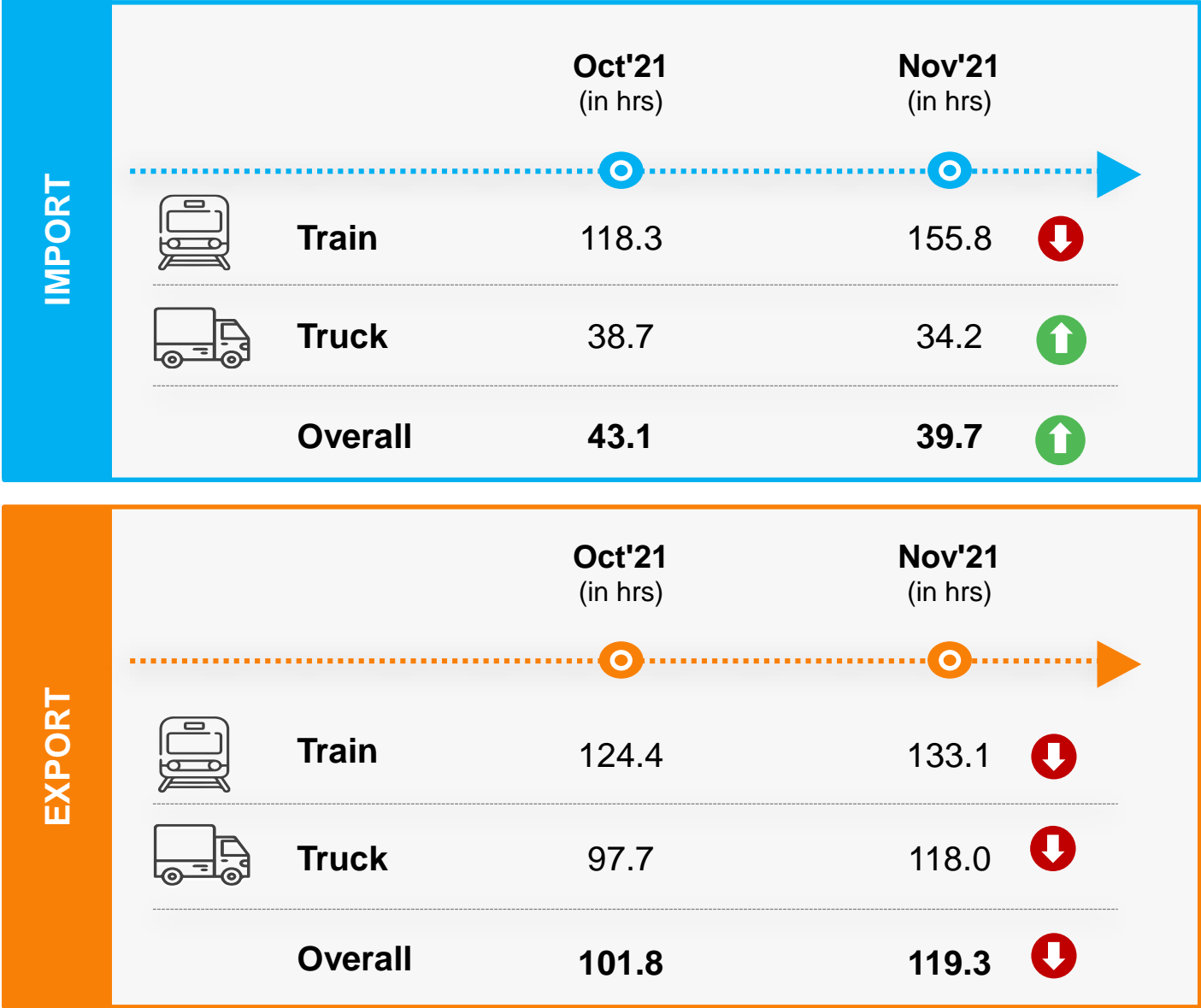
Note: The performance benchmarking is based on performance index

↑ ↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Oct'21

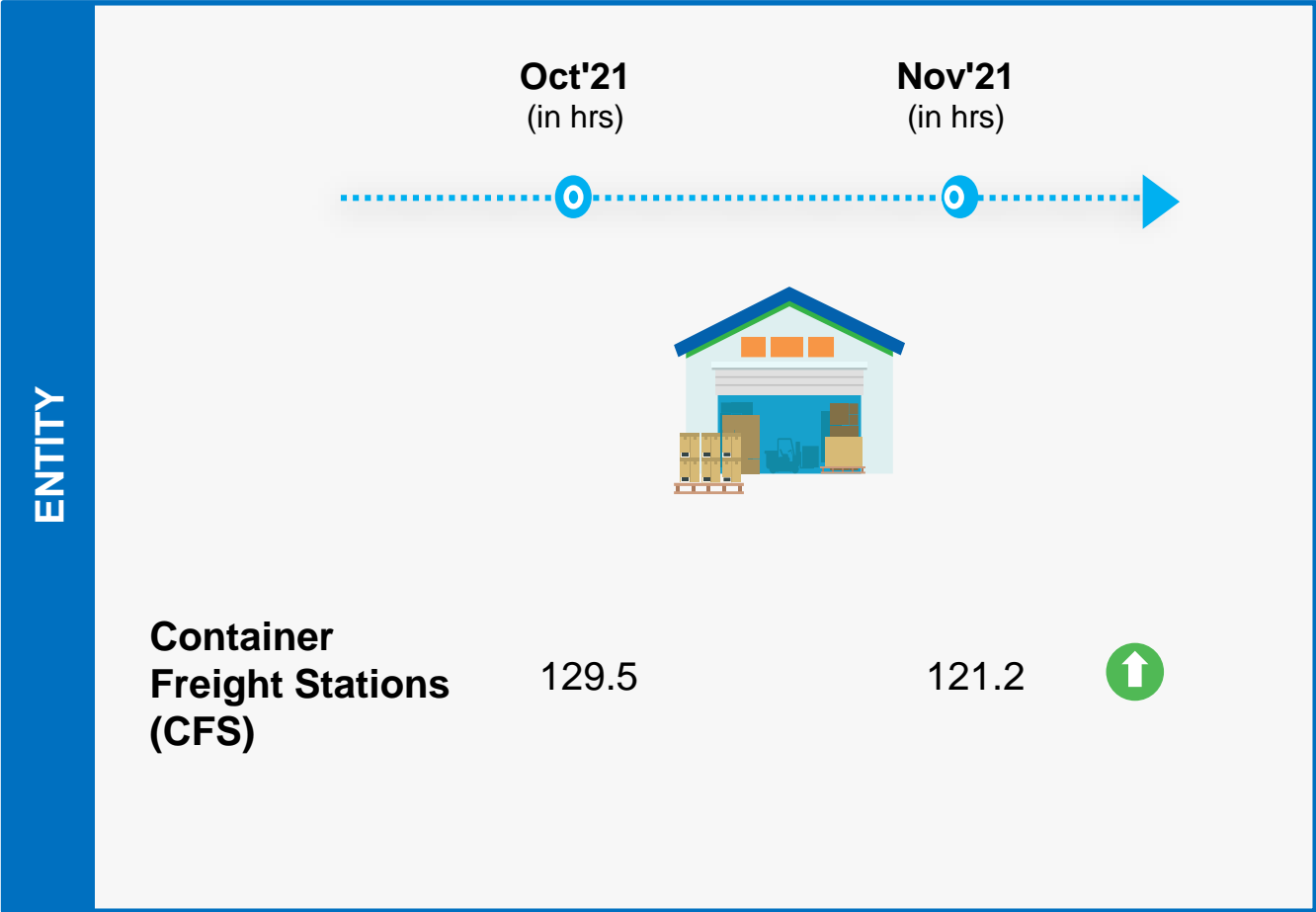
Performance Index - Summary	
In order to assess the relative performance of various entitled like Port terminals, CFS(s) and ICD(s), the relative Dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular organisation on the basis of these two combined factors i.e. Dwell time and Volume	
Star Performer Consist of entities which have catered relatively high container volume in lower dwell time	Slow Bulk Movers Consist of entities which have catered higher container volume in higher dwell time
High Potential Consist of entities which have catered relatively lower container volume in lower dwell time	Laggard Consist of entities which have catered relatively lower container volume at higher dwell time

Container Transportation Performance - Eastern Corridor

Port Dwell Time



Container Freight Stations(CFS)– Dwell Time



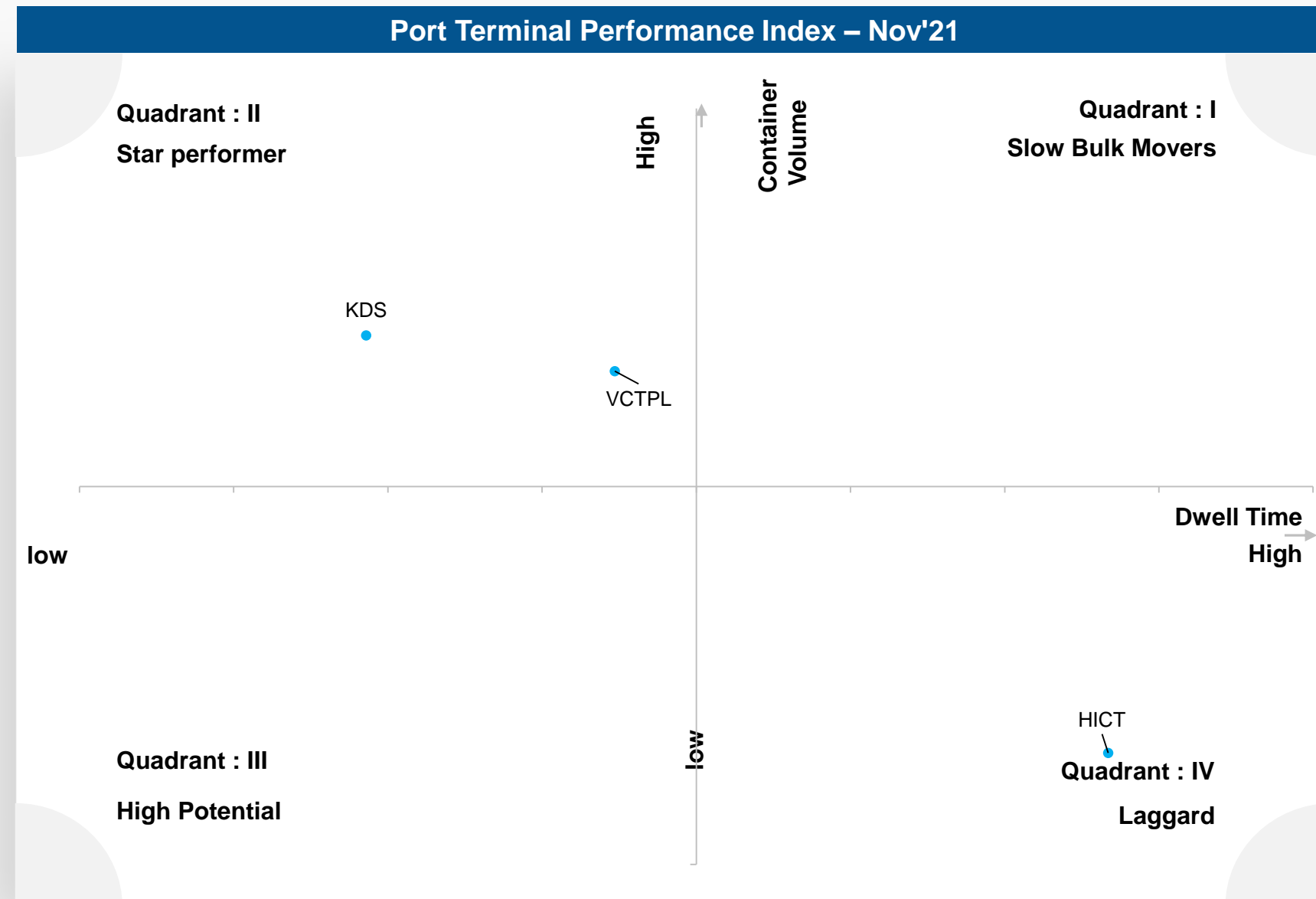
↑ The marked entries showcase increase in performance in comparison to Oct'21

↓ The marked entries showcase decrease in performance in comparison to Oct'21

Port Performance Benchmarking & Performance Index - Eastern Corridor

Performance Benchmarking - Port Terminals

The benchmarking showcase the individual terminal's performance w.r.t Eastern Region



Performance benchmarking for CFS covered under LDB project in Southern Corridor for Nov'21

Top Performing Terminal		
Kolkata Dock System (KDS)		
Oct'21	Nov'21	↑
61.9 hrs	61.1 hrs	

Low Performing Terminal		
Haldia International Container Terminal (HICT)		
Oct'21	Nov'21	↑
111.7 hrs	106.5 hrs	

Note: The performance benchmarking is based on performance index

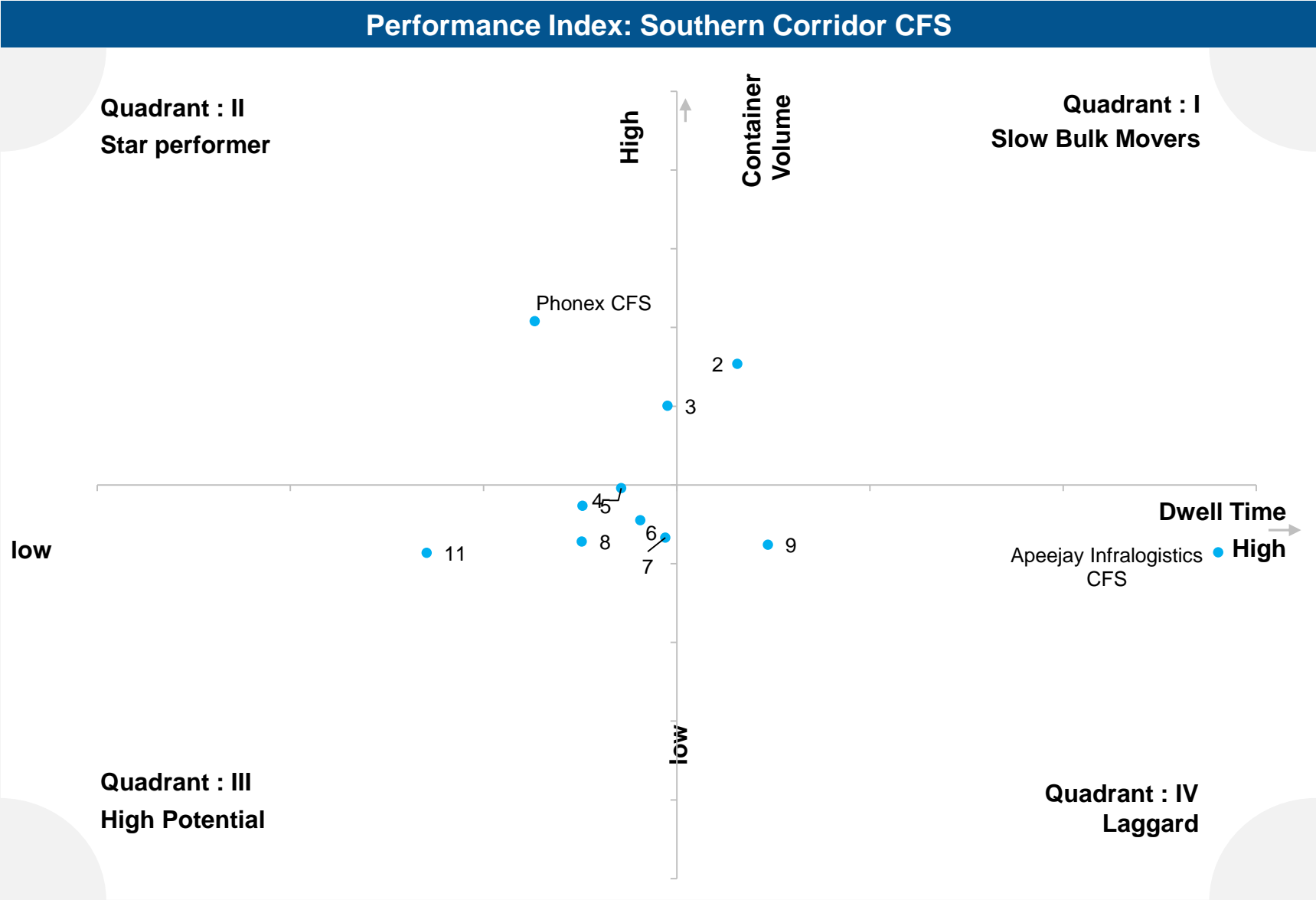
↑↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Oct'21

Performance Index - Summary	
In order to assess the relative performance of various entities like Port terminals, CFS(s) and ICD(s), the relative Dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular organisation on the basis of these two combined factors i.e. Dwell time and Volume	
Star Performer Consist of entities which have catered relatively high container volume in lower dwell time	Slow Bulk Movers Consist of entities which have catered higher container volume in higher dwell time
High Potential Consist of entities which have catered relatively lower container volume in lower dwell time	Laggard Consist of entities which have catered relatively lower container volume at higher dwell time



CFS Performance Benchmarking & Performance Index - Eastern Corridor



Performance Benchmarking - CFSs



Performance benchmarking for CFS covered under LDB project in Eastern Corridor for Nov'21

Top Performing Terminal		
Phonex CFS		
Oct'21	Nov'21	
133.2 hrs	109.9 hrs	
Low Performing Terminal		
Apeejay Infralogistics CFS		
Oct'21	Nov'21	
209.0 hrs	184.8 hrs	

Note: The performance benchmarking is based on performance index

↑↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Oct'21

Performance Index - Summary	
In order to assess the relative performance of various entities like Port terminals, CFS(s) and ICD(s), the relative Dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular organisation on the basis of these two combined factors i.e. Dwell time and Volume	
Star Performer Consist of entities which have catered relatively high container volume in lower dwell time	Slow Bulk Movers Consist of entities which have catered higher container volume in higher dwell time
High Potential Consist of entities which have catered relatively lower container volume in lower dwell time	Laggard Consist of entities which have catered relatively lower container volume at higher dwell time

Kindly refer to Annexure section for the names of CFS

Annexure

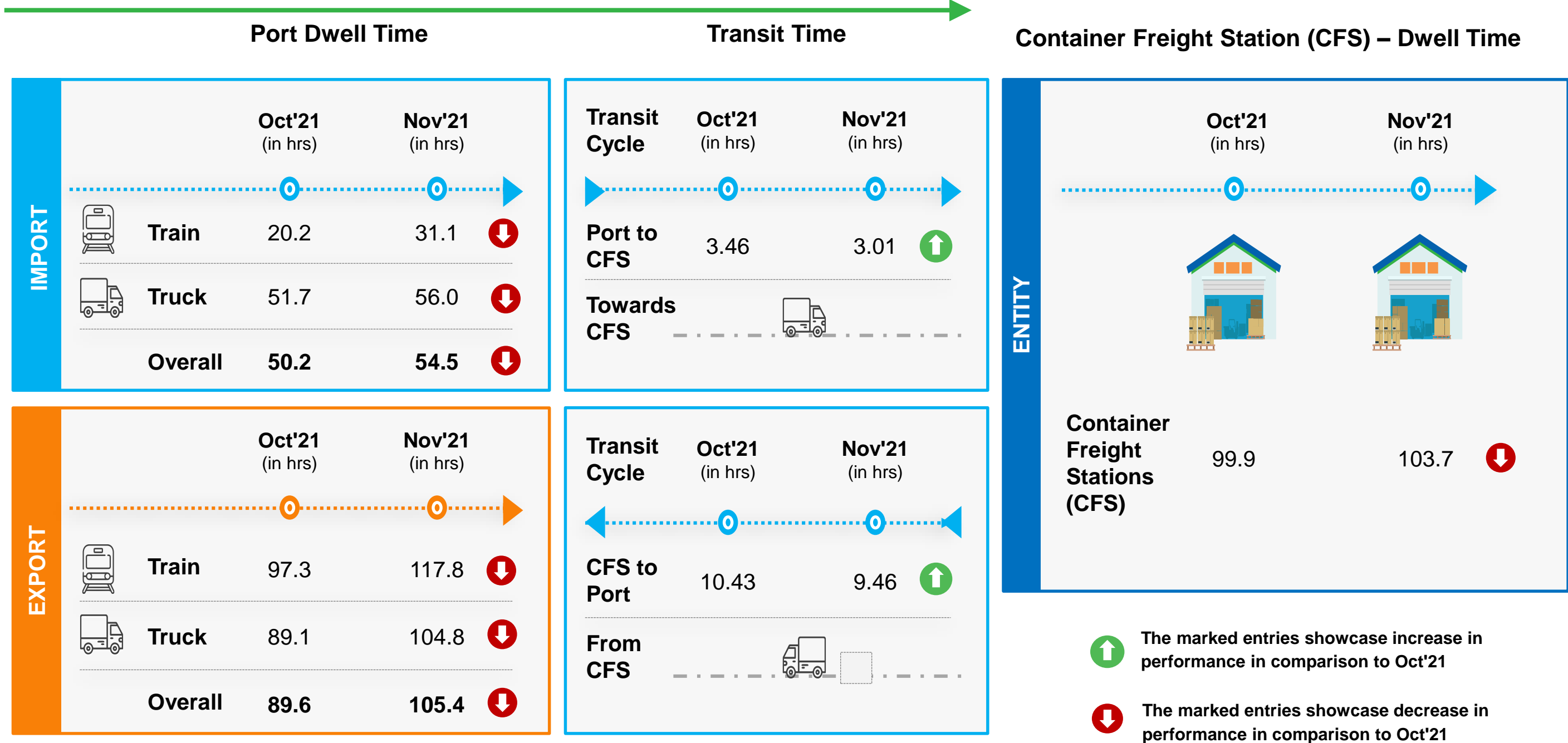




Individual Terminal Performance In Southern Corridor

Chennai Port Terminals: Container Transportation

Container Lifecycle (Import Cycle)



↑

The marked entries showcase increase in performance in comparison to Oct'21

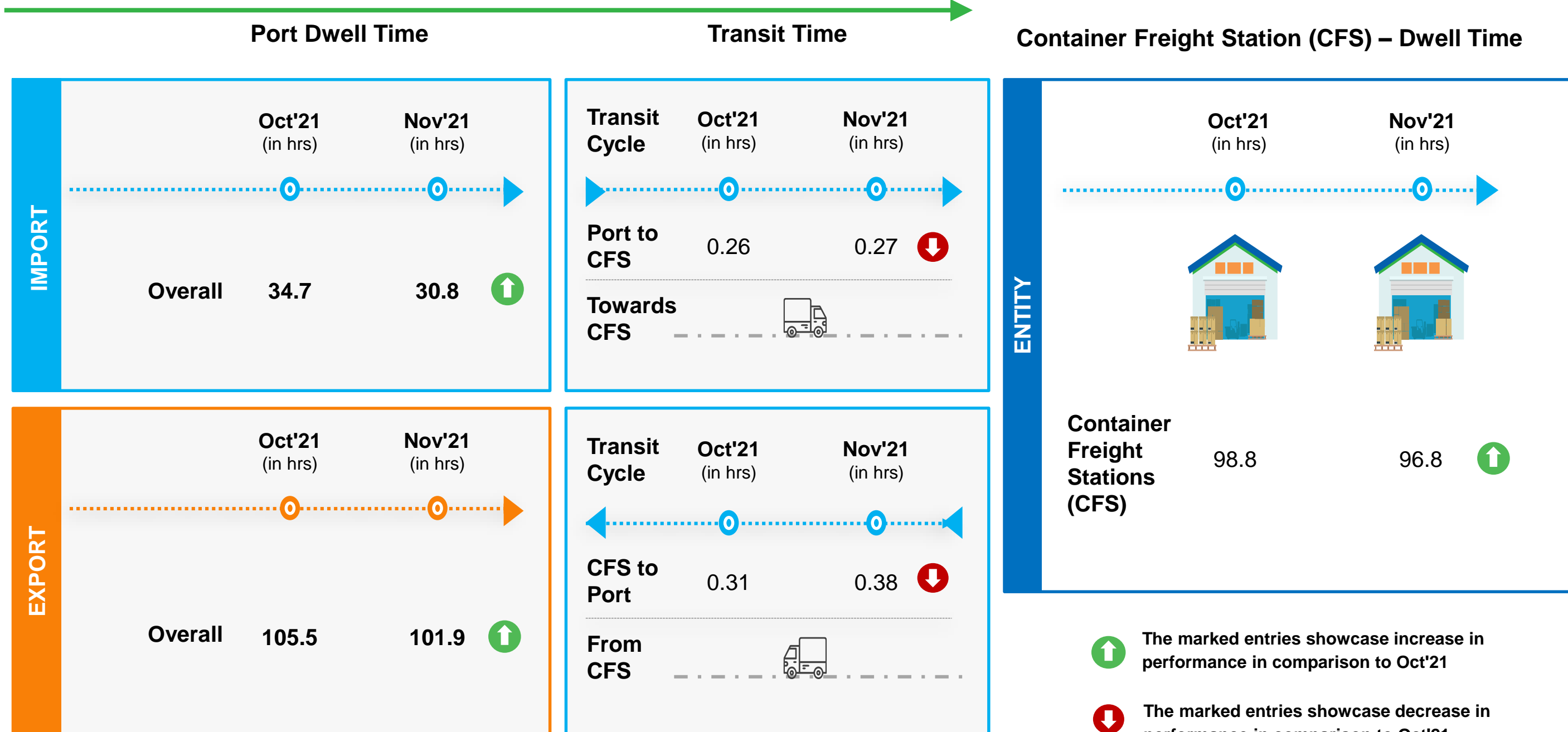
↓

The marked entries showcase decrease in performance in comparison to Oct'21

Container Lifecycle (Export Cycle)

Kochi Port Terminal: Container Transportation

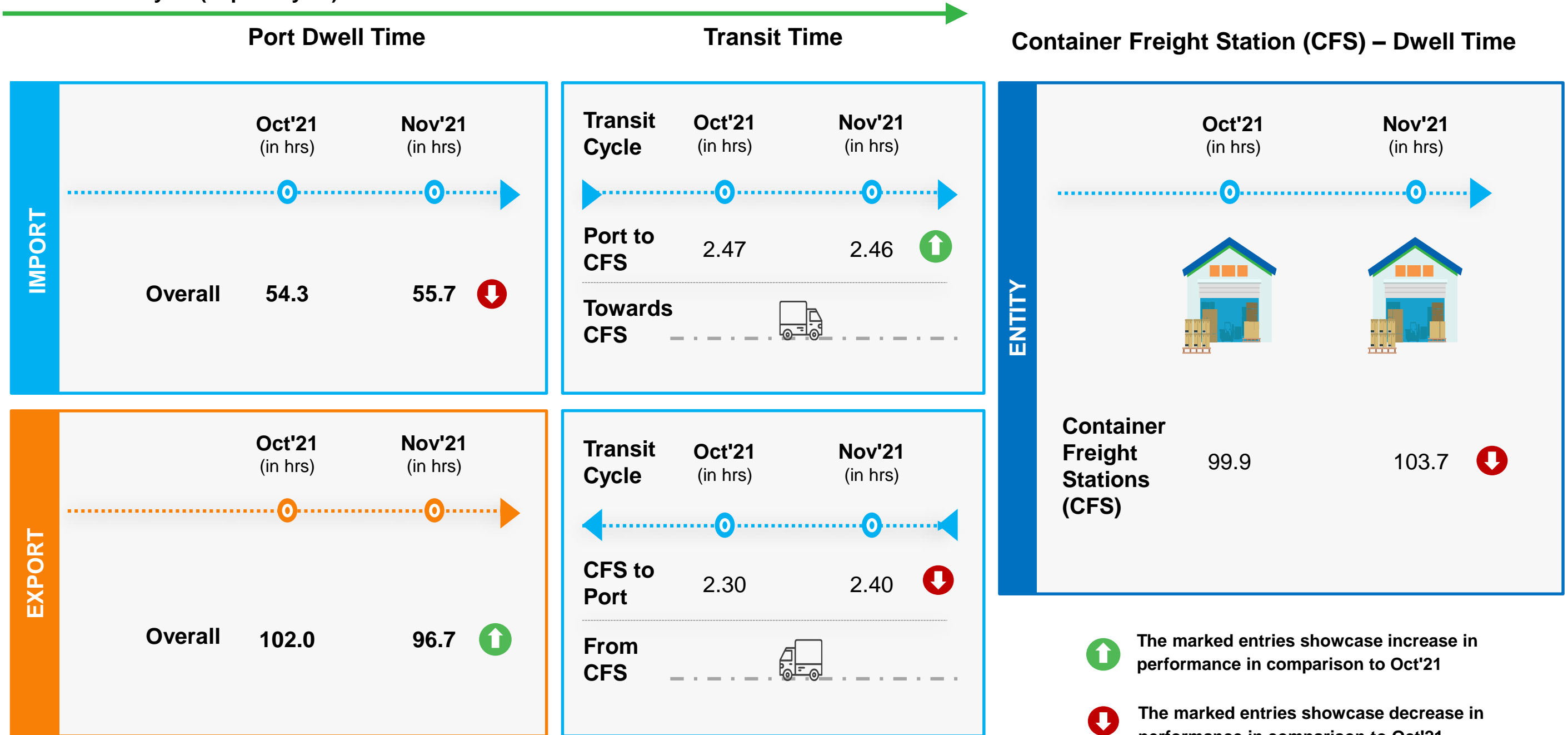
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Kattupalli Port Terminal: Container Transportation

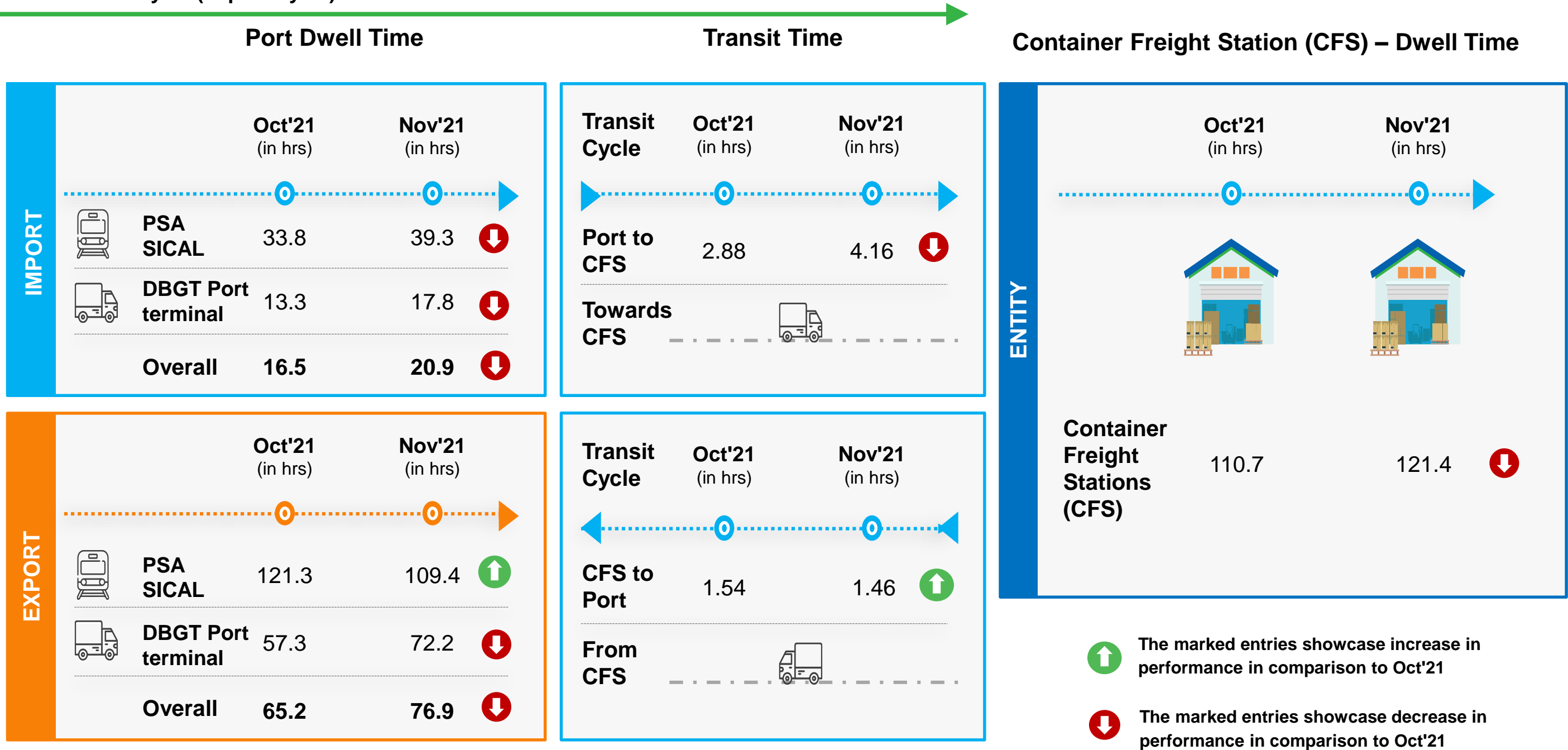
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Tuticorin Port Terminal: Container Transportation

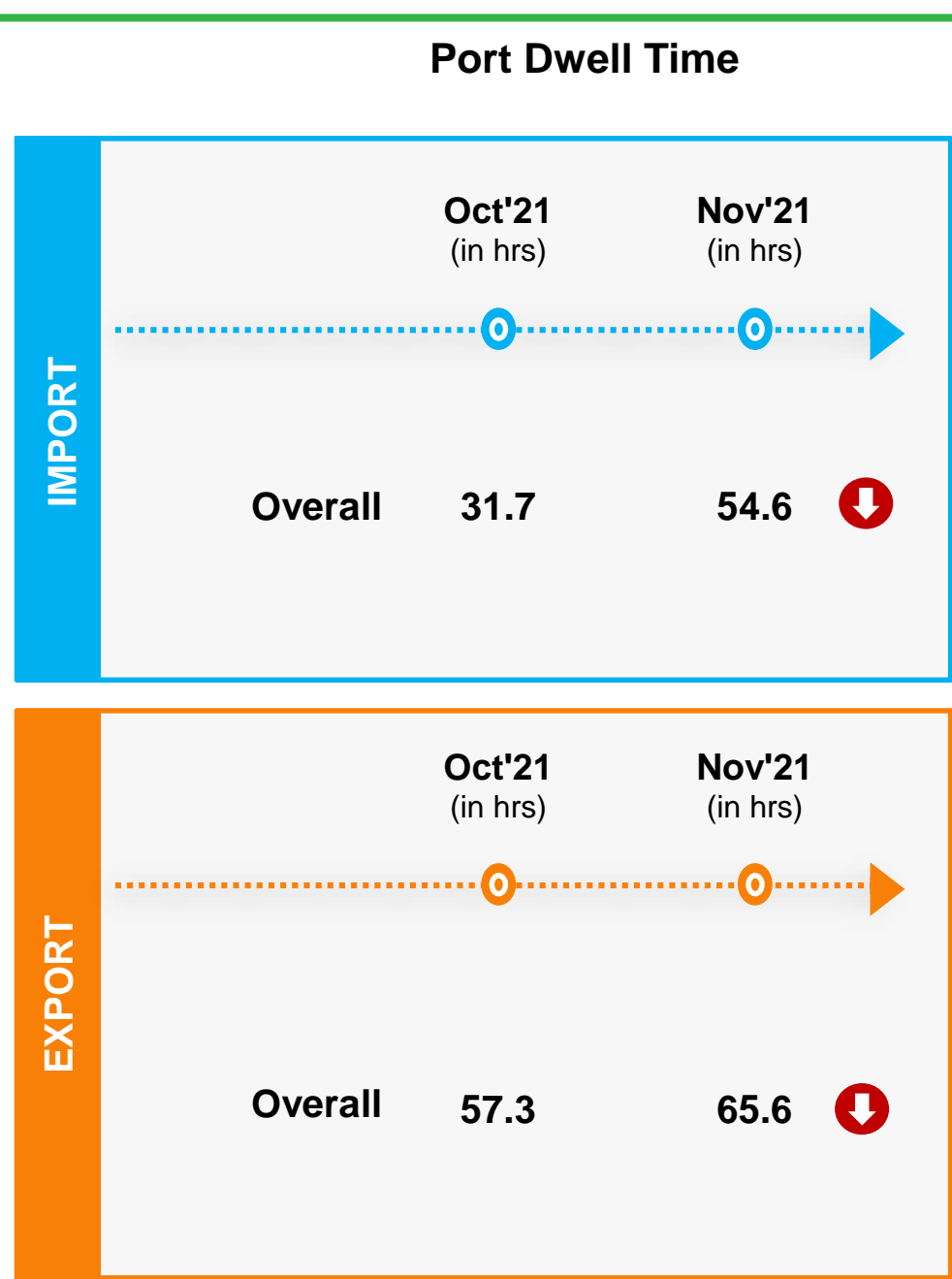
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

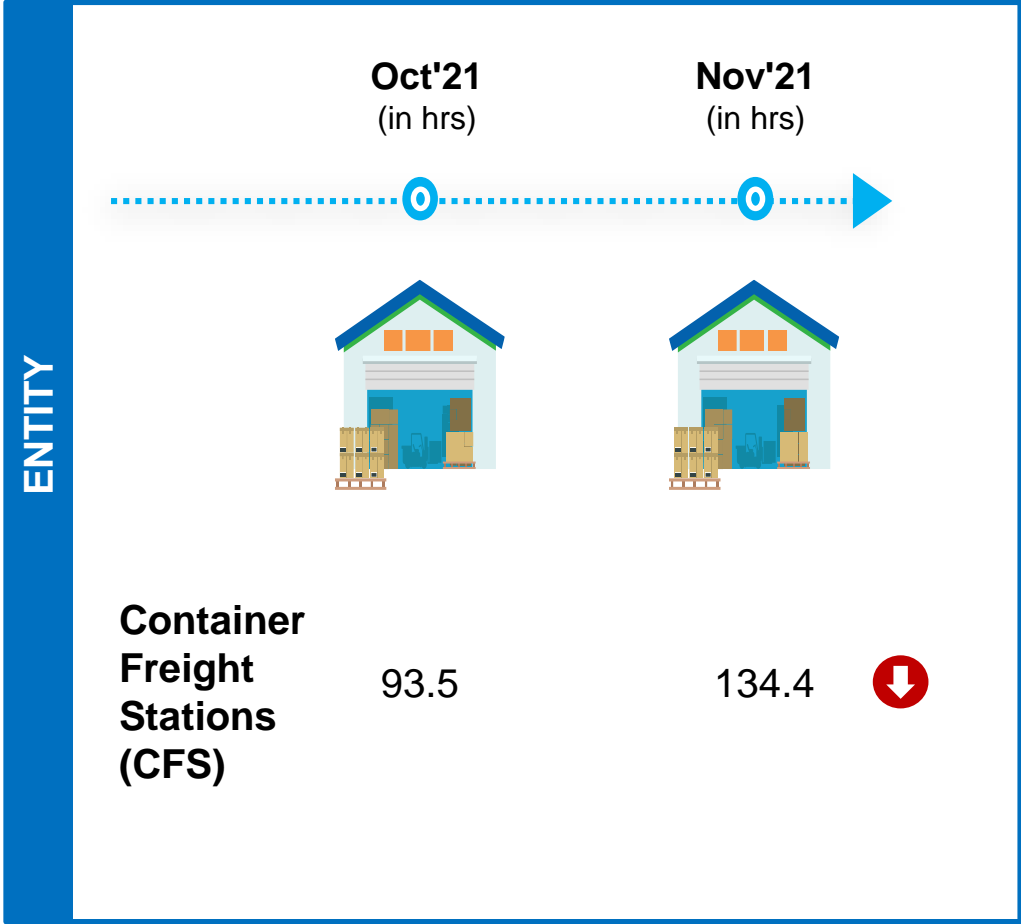
Krishnapatnam Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Container Freight Station (CFS) – Dwell Time



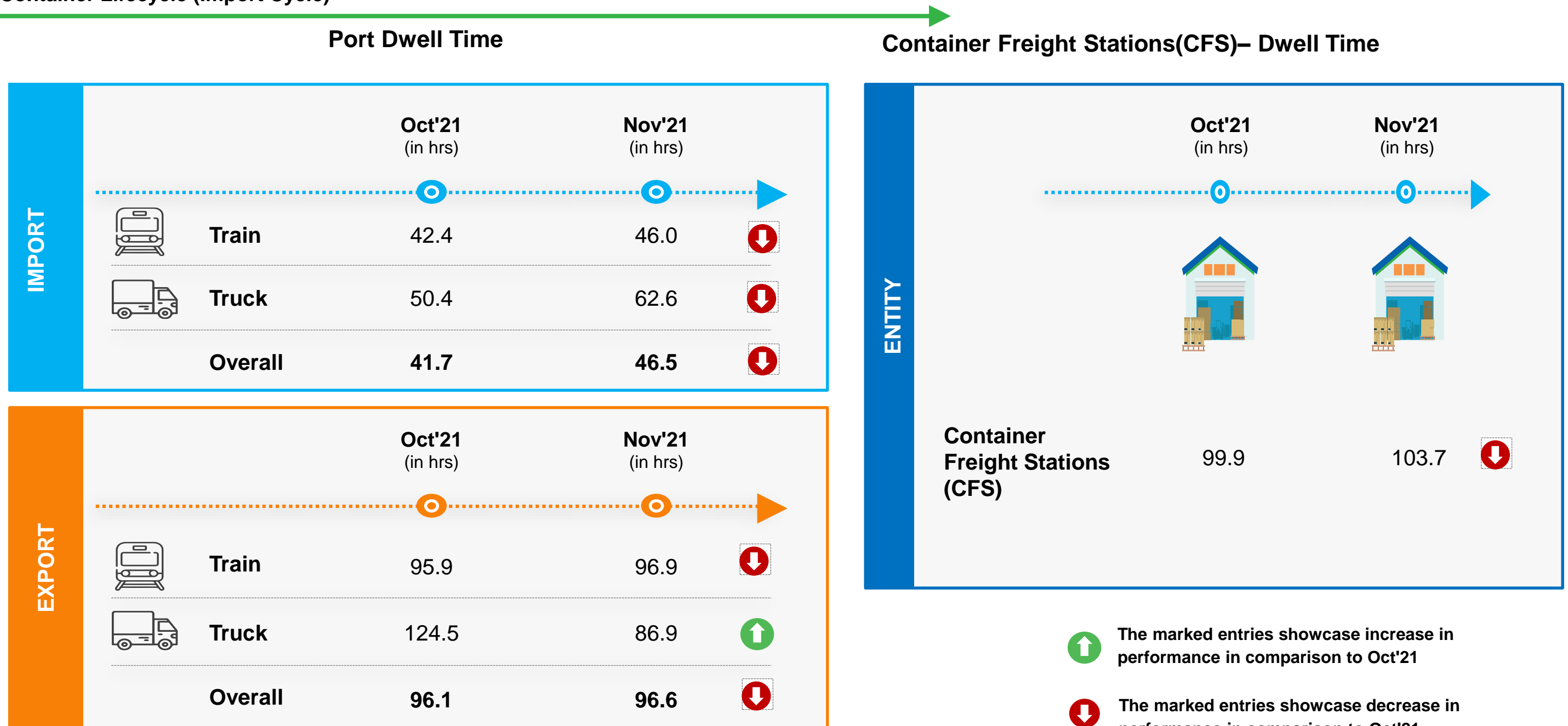
The marked entries showcase increase in performance in comparison to Oct'21



The marked entries showcase decrease in performance in comparison to Oct'21

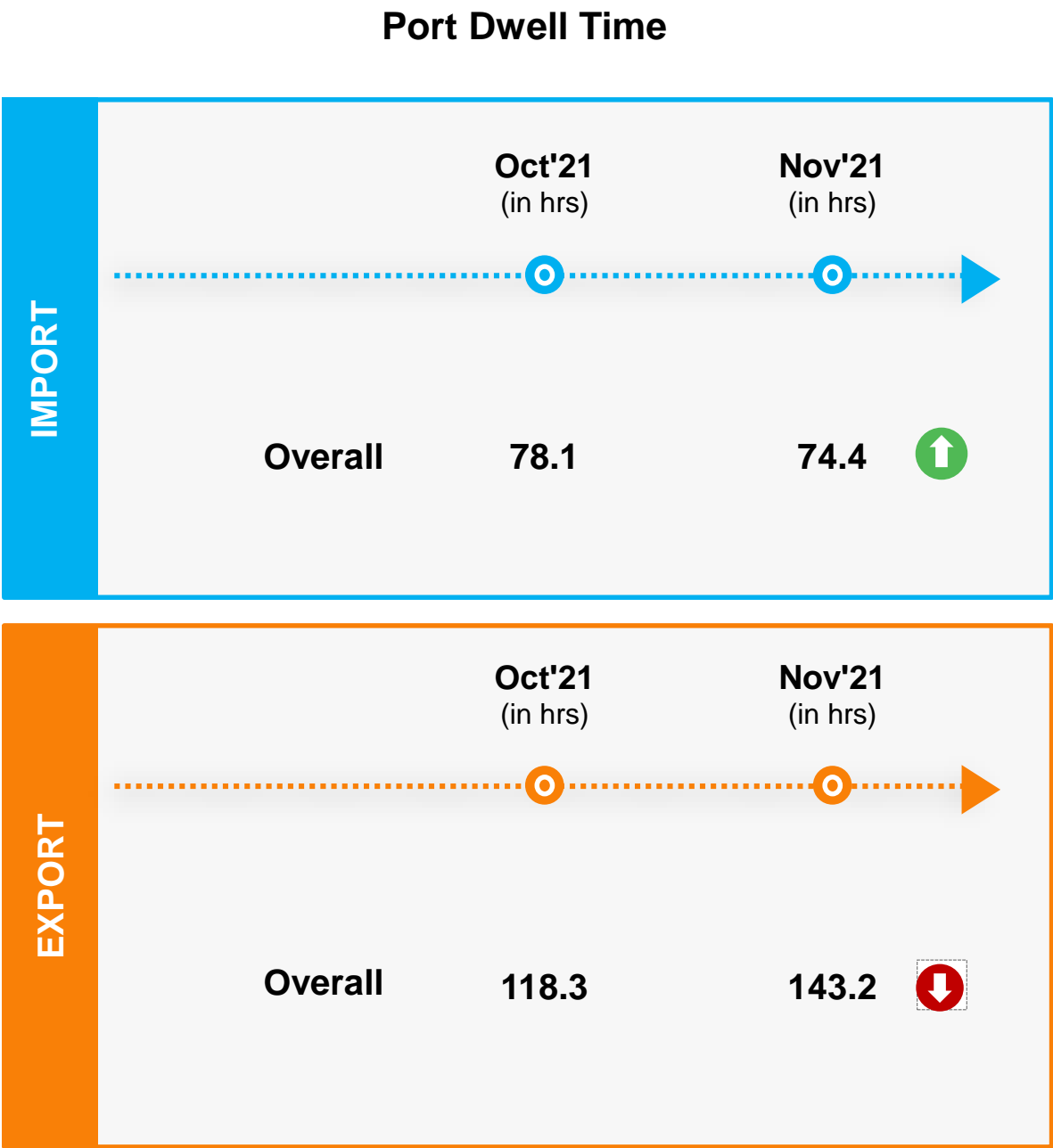
Ennore Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

New Mangalore Port Terminal: Container Transportation



↑ The marked entries showcase increase in performance in comparison to Oct'21

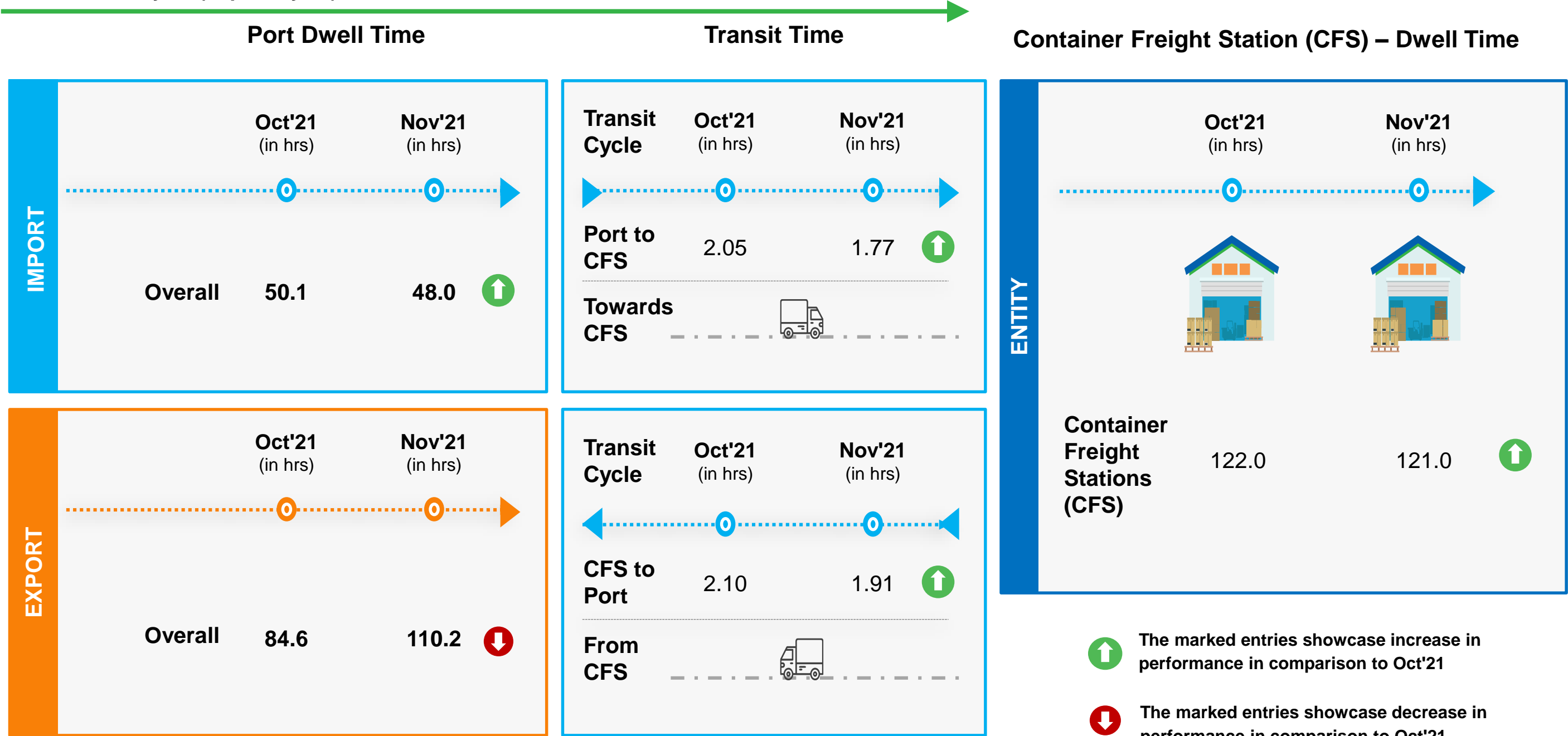
↓ The marked entries showcase decrease in performance in comparison to Oct'21

Individual Terminal Performance In Eastern Corridor



Vishakhapatnam Port Terminal: Container Transportation

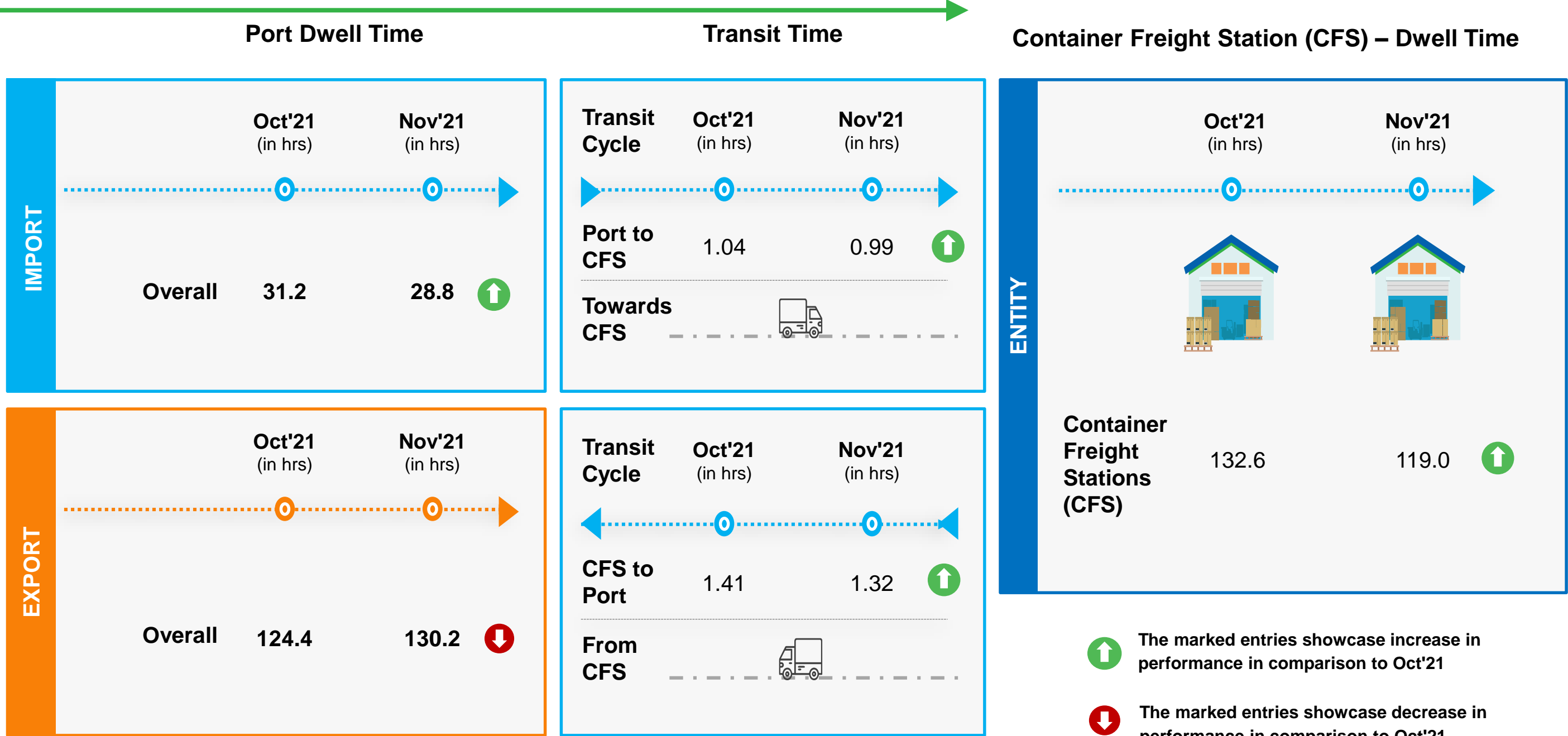
Container Lifecycle (Import Cycle)





Container Lifecycle (Export Cycle)

Kolkata Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)

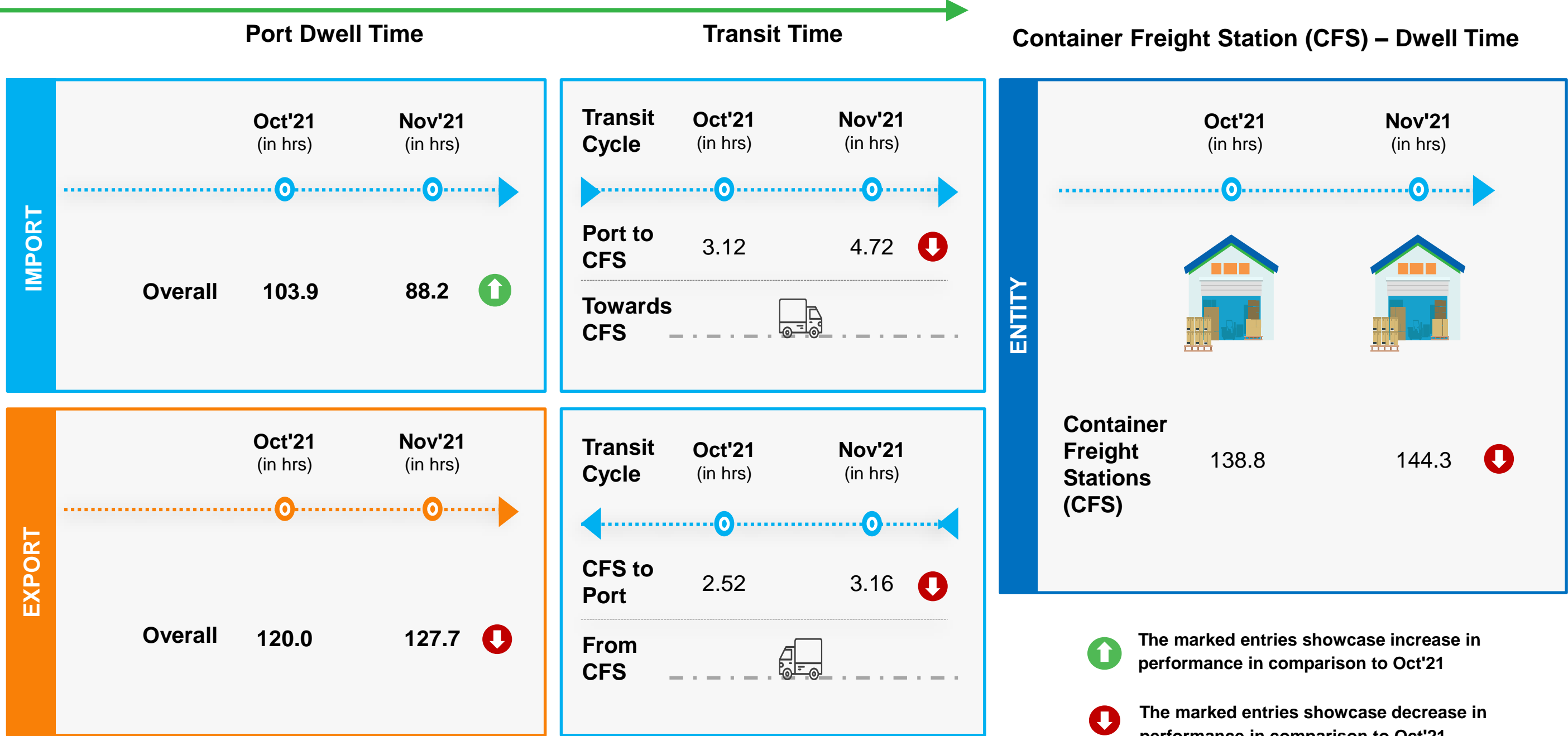


 The marked entries showcase increase in performance in comparison to Oct'21
 The marked entries showcase decrease in performance in comparison to Oct'21

Container Lifecycle (Export Cycle)

Haldia Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)

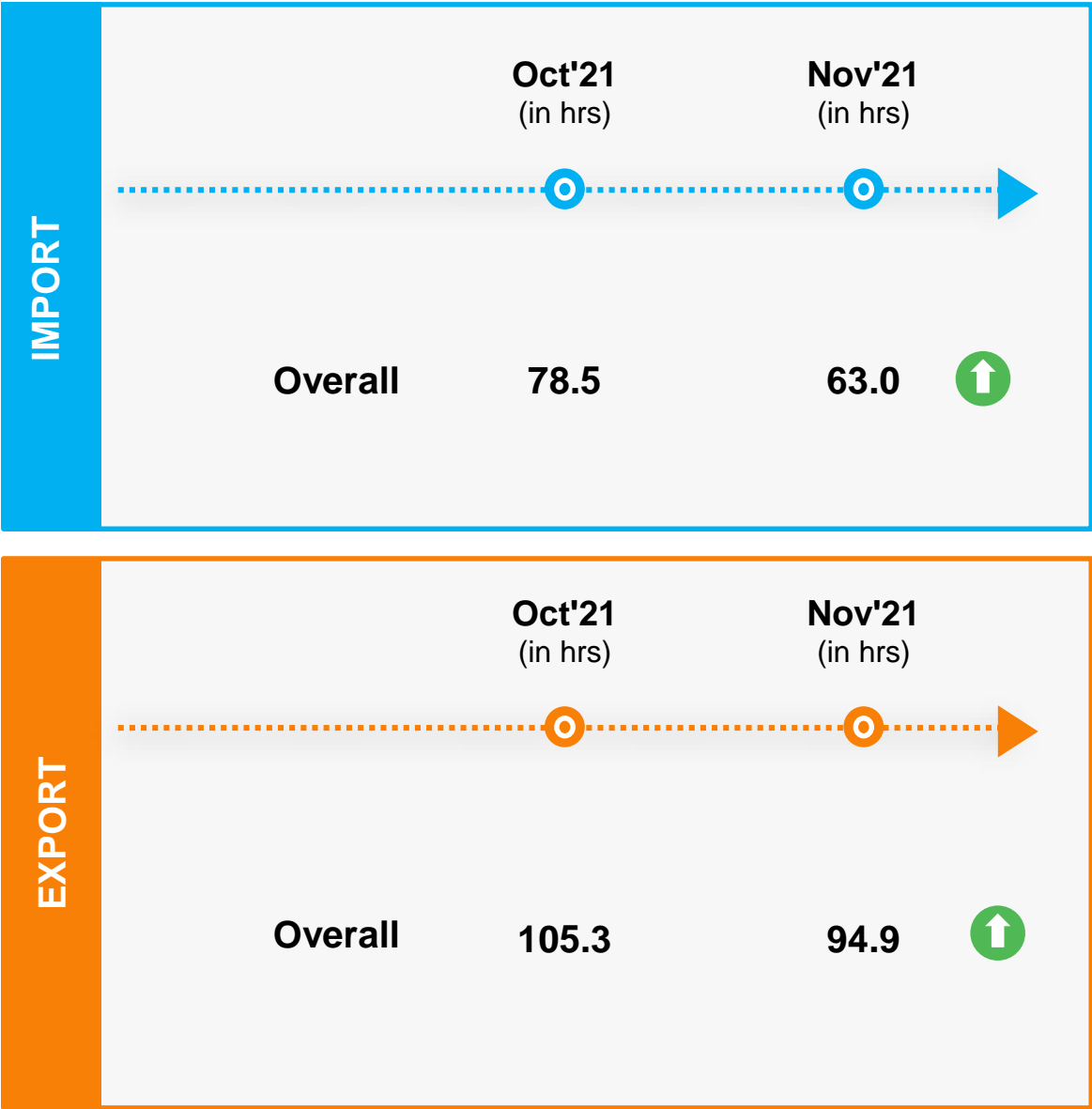


Container Lifecycle (Export Cycle)



Individual Terminal Performance In Western Corridor

Port Dwell Time



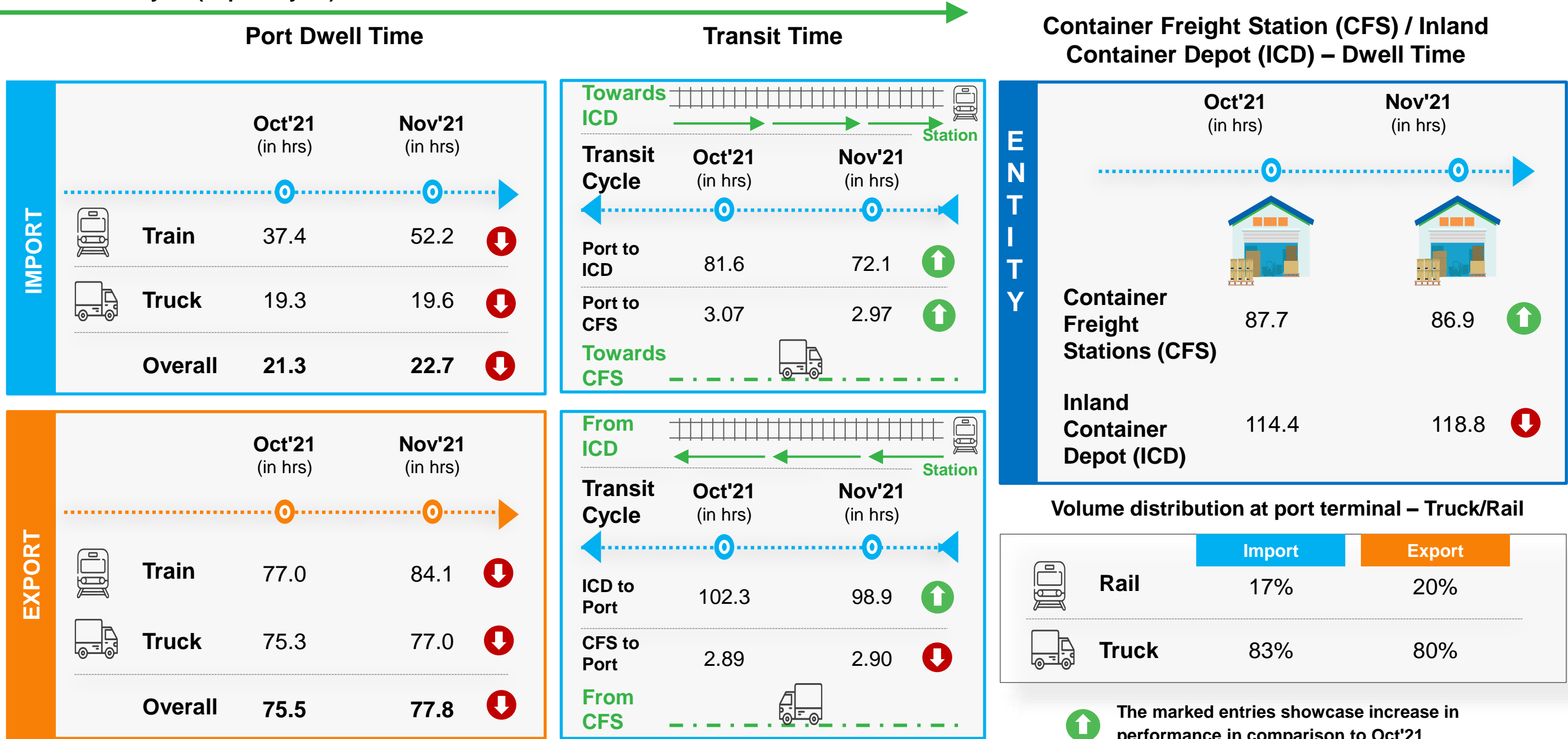
The marked entries showcase increase in performance in comparison to Oct'21



The marked entries showcase decrease in performance in comparison to Oct'21

Container Transportation- JNPT Port Terminals

Container Lifecycle (Import Cycle)



↑

The marked entries showcase increase in performance in comparison to Oct'21

↓

The marked entries showcase decrease in performance in comparison to Oct'21

Container Lifecycle (Export Cycle)

Container Transportation- JNPT Port Terminals

%IMPORT CYCLE DWELL TIME (Nov'21 – in hrs)				
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	22.7	7%	↓
	Port Dwell Time for Truck Bound Containers	19.6	2%	↓
	Port Dwell time for Train Bound Containers	52.2	40%	↓
	Port Dwell time Direct Port Delivery (DPD) containers	40.4	9%	↑
	Port Dwell time Containers bound for CFS	17.6	5%	↑
	Port Dwell for Empty Containers	26.5	1%	↑
	Port Dwell for Laden Containers	21.7	8%	↓
Transit time	Port to ICD	72.1	12%	↑
	Port to CFS	2.97	3%	↑

Compared to Oct'21

EXPORT CYCLE DWELL TIME (Nov'21– in hrs)				
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	77.8	3%	↓
	Port Dwell Time for Truck Bound Containers	77.0	2%	↓
	Port Dwell time for Train Bound Containers	84.1	9%	↓
	Port Dwell time Direct Port Entry (DPE) containers	81.1	2%	↓
	Port Dwell time Containers bound from CFS	77.8	4%	↓
	Port Dwell for Empty Containers	70.7	5%	↓
	Port Dwell for Laden Containers	79.9	3%	↓
Transit time	ICD to Port	98.9	3%	↑
	CFS to Port	2.90	0.3%	↓

Compared to Oct'21



The arrows depict increase/decrease in performance of the stakeholders in comparison to Oct'21

JNPT Region: Parking Plaza Dwell Time Analysis

The below table depicts the Parking Plaza & Parking Plaza to Port Transit Performance at JNPT Port Terminals and their volume bifurcation in export cycle

Parking Plaza Gate In – Gate Out

Mode	Oct'21 (in hrs)	Nov'21 (in hrs)
Overall Parking Plaza	6.13	5.67

Container Handled: Day wise (Nov'21)

Parking Plaza	Within 6 hrs	Within 6- 24 hrs	More than 24 hrs
JNPT Central Parking Plaza	53%	43%	4%

Parking Plaza Gate Out – Terminal In

Mode	Oct'21 (in hrs)	Nov'21 (in hrs)
Overall Parking Plaza to JNPT Port	1.20	1.17

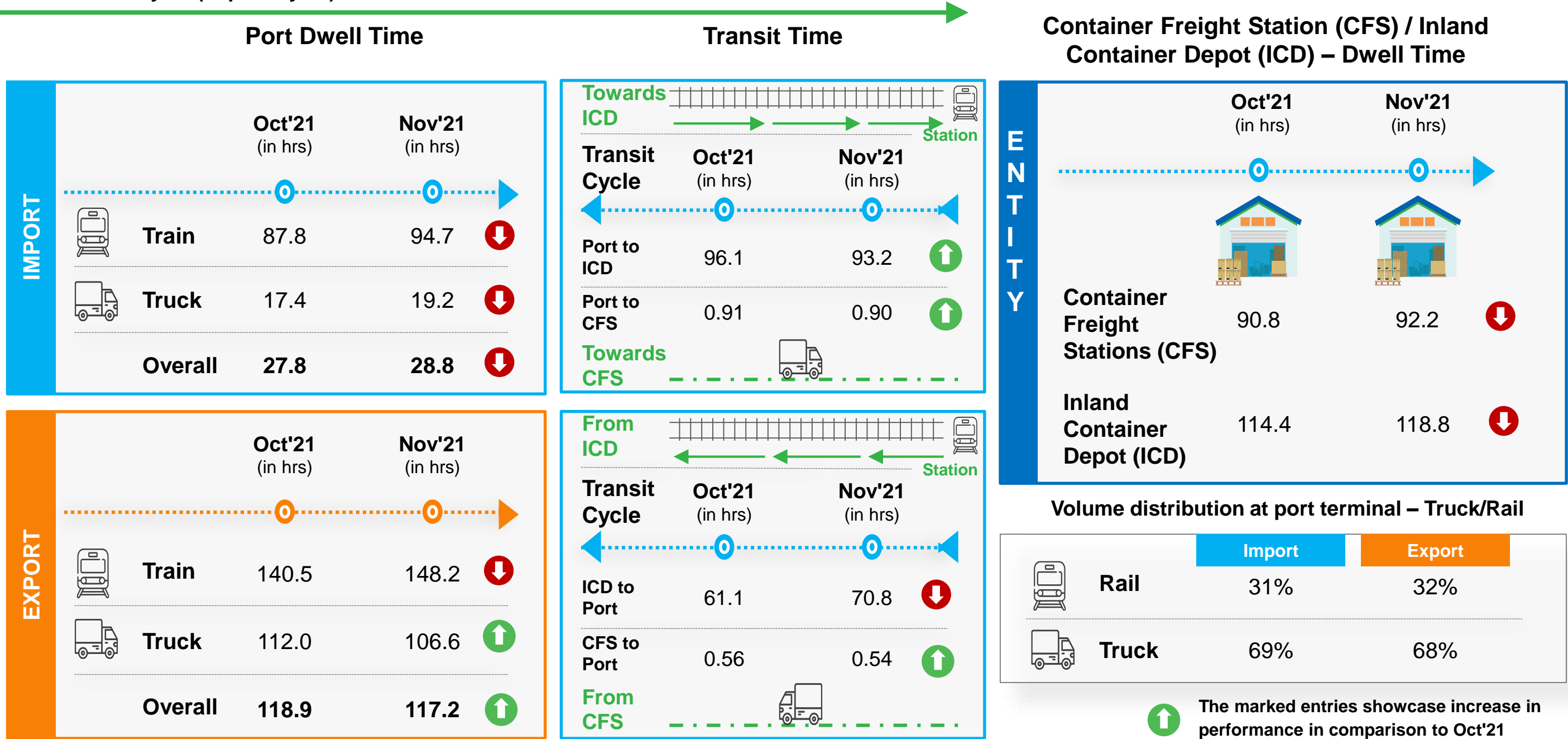
Port	Oct'21 (in hrs)	Nov'21 (in hrs)
JNPCT	1.4	1.7
NSICT	0.9	1.0
GTI	1.1	1.1
NSIGT	1.3	1.0
BMCT	2.6	2.6

Container Handled: Day wise (Nov'21)

Port Terminals	Within 6 hrs	Within 6- 24 hrs	More than 24 hrs
JNPCT	92%	8%	0%
NSICT	94%	5%	1%
GTI	94%	5%	1%
NSIGT	95%	4%	1%
BMCT	85%	15%	0%

Gujarat Port Terminals : Container Transportation

Container Lifecycle (Import Cycle)



Container Transportation- Gujarat Port Terminals

IMPORT CYCLE DWELL TIME (Nov'21– in hrs)				
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	28.8	4%	↓
	Port Dwell Time for Truck Bound Containers	19.2	10%	↓
	Port Dwell time for Train Bound Containers	94.7	8%	↓
Transit time	Port to ICD	93.2	3%	↑
	Port to CFS	0.90	1%	↑

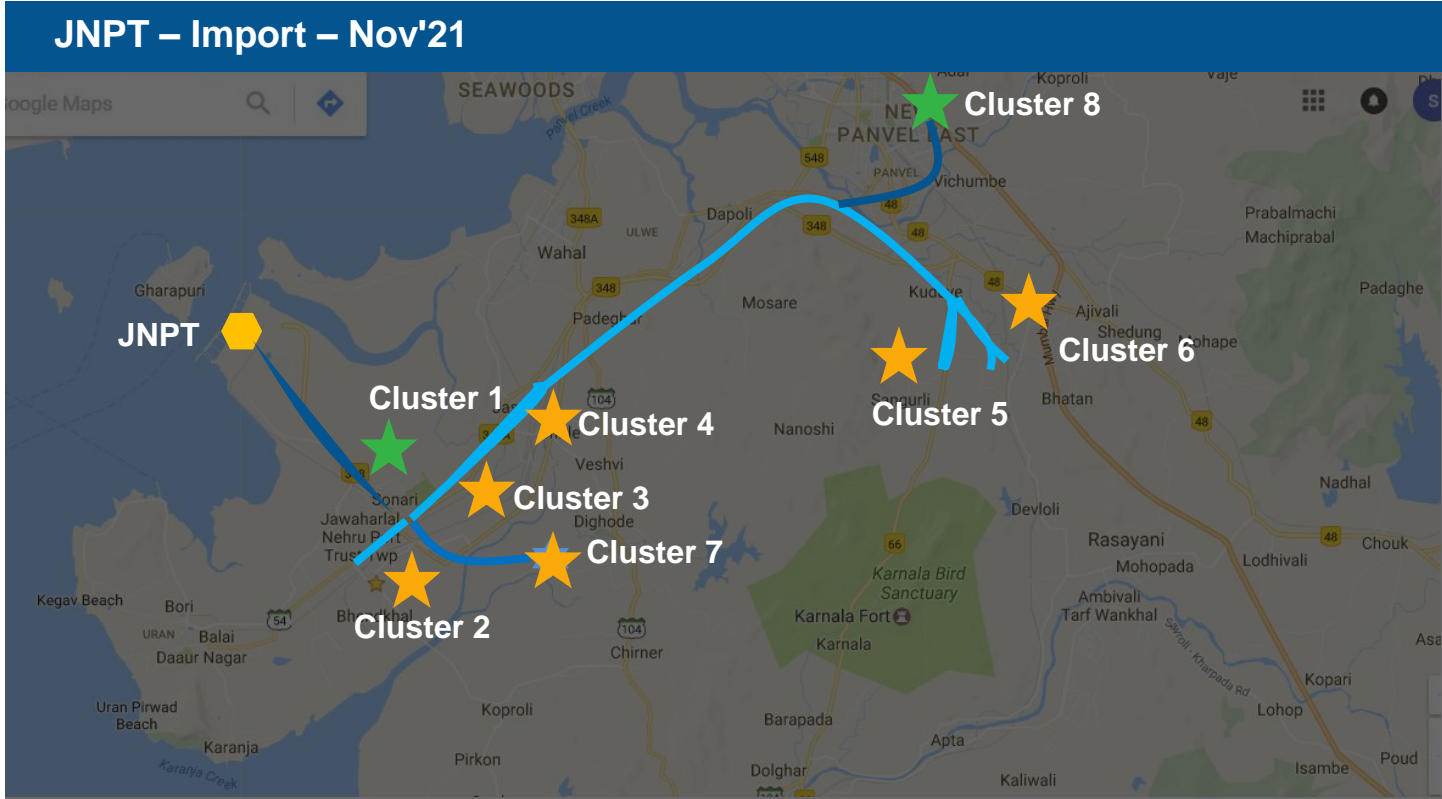
EXPORT CYCLE DWELL TIME (Nov'21– in hrs)				
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	117.2	1%	↑
	Port Dwell Time for Truck Bound Containers	106.6	5%	↑
	Port Dwell time for Train Bound Containers	148.2	5%	↓
Transit time	ICD to Port	70.8	16%	↓
	CFS to Port	0.54	4%	↑

Compared
to Oct'21

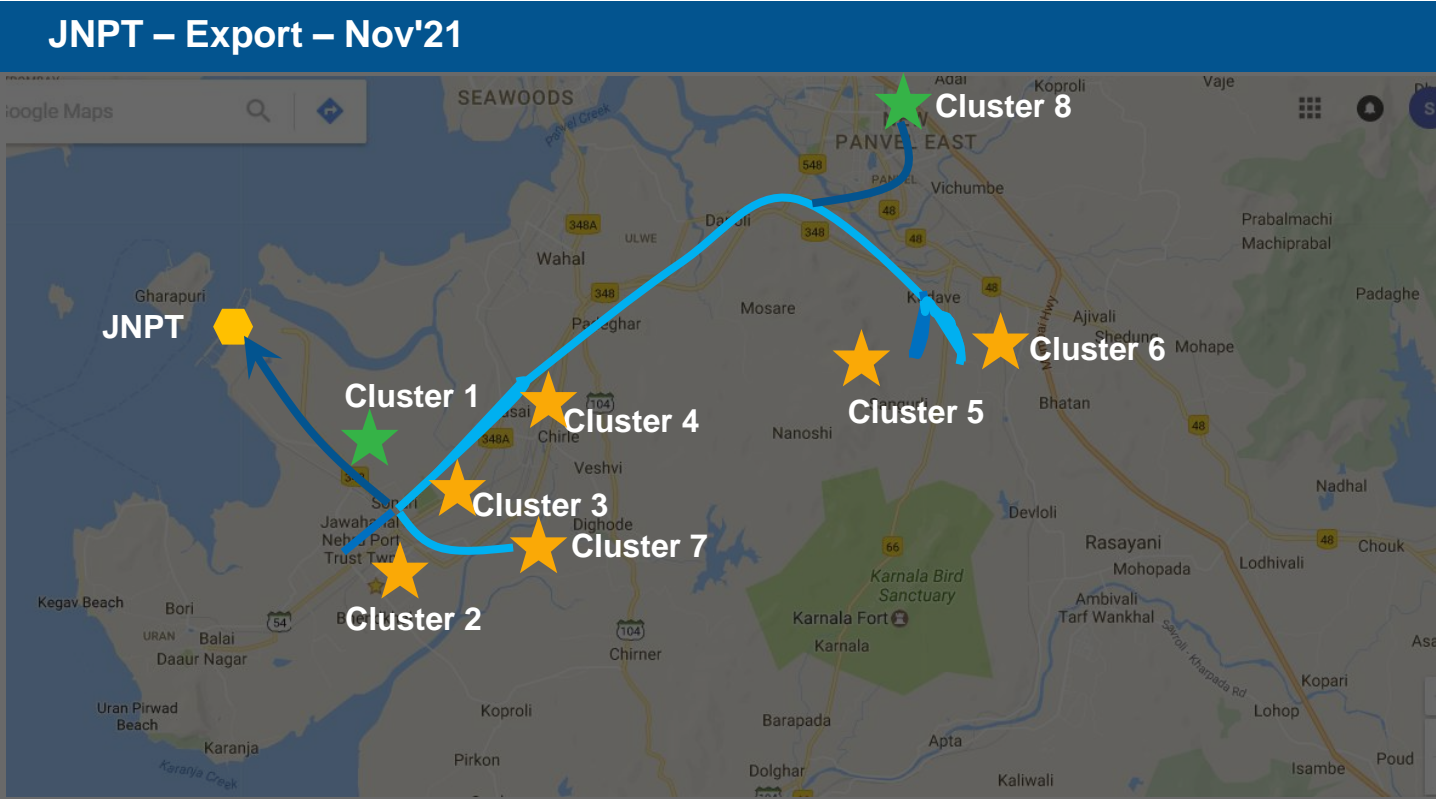


The arrows depict increase/decrease in performance of the stakeholders in comparison to Oct'21

JNPT Region: Congestion Analysis



Clusters with bottleneck	
Cluster 1	JNPT area
Cluster 8	Taloja, navi mumbai
Clusters without bottleneck	
Cluster 2	Bhendkhal area, khopate road
Cluster 3	Sonari area,jnpt road
Cluster 4	Chirle area, JNPT road
Cluster 5	Plaspa area, coach kanyakumari highway
Cluster 6	Salva apta rd area, bangalore highway
Cluster 7	Patilpada area, khopate JNPT road



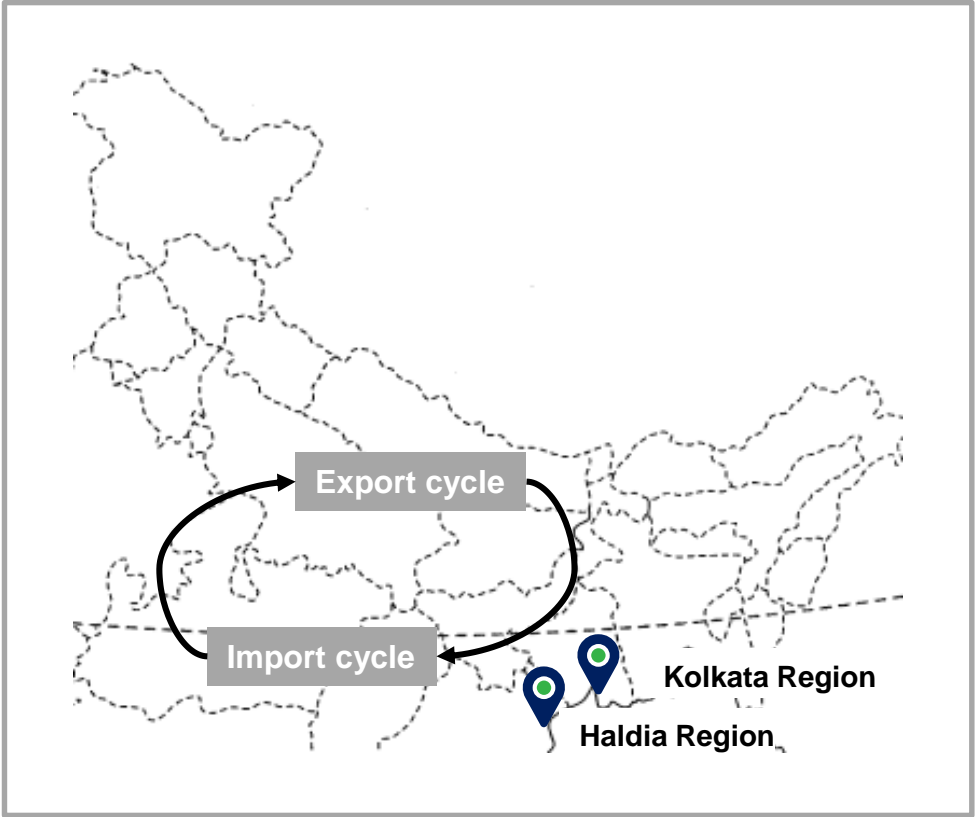
Clusters with bottleneck	
Cluster 1	JNPT area
Cluster 8	Taloja, navi mumbai
Clusters without bottleneck	
Cluster 2	Bhendkhal area, khopate road
Cluster 3	Sonari area, JNPT road
Cluster 4	Chirle area, JNPT road
Cluster 5	Plaspa area, coach kanyakumari highway
Cluster 6	Salva apta rd area, bangalore highway
Cluster 7	Patilpada area, khopate JNPT road

Legends  High Congestion  Medium Congestion  Low Congestion  Cluster with bottleneck  Cluster without bottleneck

Transit movement across ICPs

Below is the analysis of the transit movement across ICPs from Kolkata Port Terminal or Haldia Port Terminal both Import and Export cycle

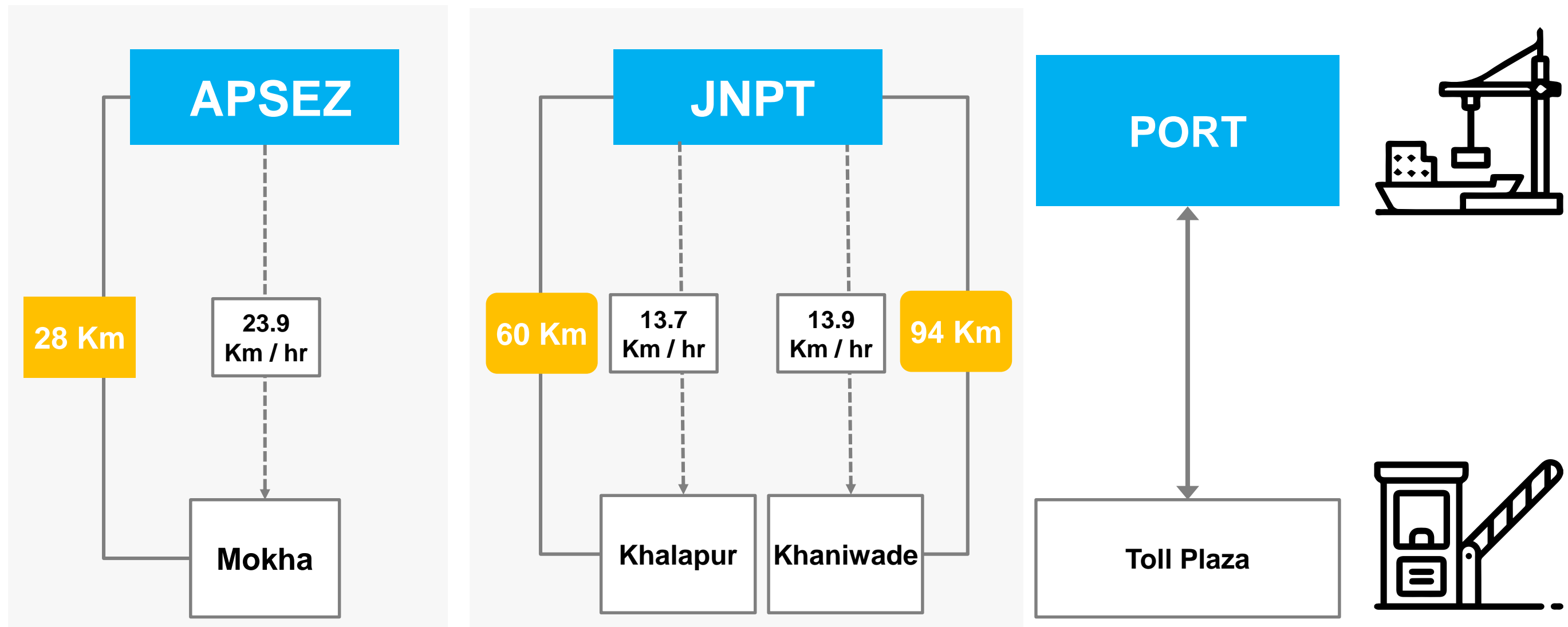
Kolkata Port Terminal				Kolkata Port Terminal			
Import Cycle	Mode	ICP Raxaul	ICP Jogbani	Export Cycle	Mode	ICP Raxaul	ICP Jogbani
	Overall	85.7 hrs	108.5 hrs		Overall	459.0 hrs	492.7 hrs
	Road	133.3 hrs	108.5 hrs		Road	476.6 hrs	492.7 hrs
	Rail	59.3 hrs	-		Rail	459.0 hrs	-
Haldia Port Terminal				Haldia Port Terminal			
	Mode	ICP Raxaul	ICP Jogbani		Mode	ICP Raxaul	ICP Jogbani
	Overall	66.8 hrs	97.3 hrs		Overall	346.9 hrs	-



Due to Low volume in Export cycle at Haldia Port Terminal, for ICP Jogbani only ICP Raxaul has been showcased
 Also, There is no train bound containers available at ICP Jogbani for Import and Export Cycle.

Evacuation Efficiency Analysis

Below Table depicts the average speed taken by a truck to cover the distance between a Port terminal to the nearest Toll Plaza



Evacuation Efficiency Analysis: Other Major Ports

Below Table depicts the average speed taken by a truck to cover the distance between a Port terminal to the nearest Toll Plaza

Region	Port	Adjacent Toll plaza	Distance (in KM)	Average Speed (in Km/h)		
				Aug'21	Oct'21	Nov'21
Western	Hazira	Boriach	77	11.4	13.1	5.5
Eastern	KOPT(Kolkata)	Dankuni	24	2.4	2.6	2.3
	HICT(Haldia)	Debra	100	6.7	5.3	6.4
		Jaladhulagori	101	5.0	7.0	7.5
Southern	Chennai	Surapattu	18	2.6	-	-
		Nallur	23	1.6	1.4	2.6
	Kochi	Kumbalam	13	0.6	0.6	0.6
		GIPL Palayekara	71	11.9	8.7	17.1
	NMPT (New Manglore)	Brahamarakotlu	25	2.9	5.8	5.9
		Talapady	22.5	1.4	1.4	1.6
		Gundmi	68	5.3	4.2	3.9
	Kattupalli	Surapattu	36	9.4	-	-
		Nallur	33	2.0	3.8	3.7
	Ennore	Surapattu	35	6.8	-	-
	Tuticron	VoCPT CheckPost1	4.3	12.1	12.6	12.9

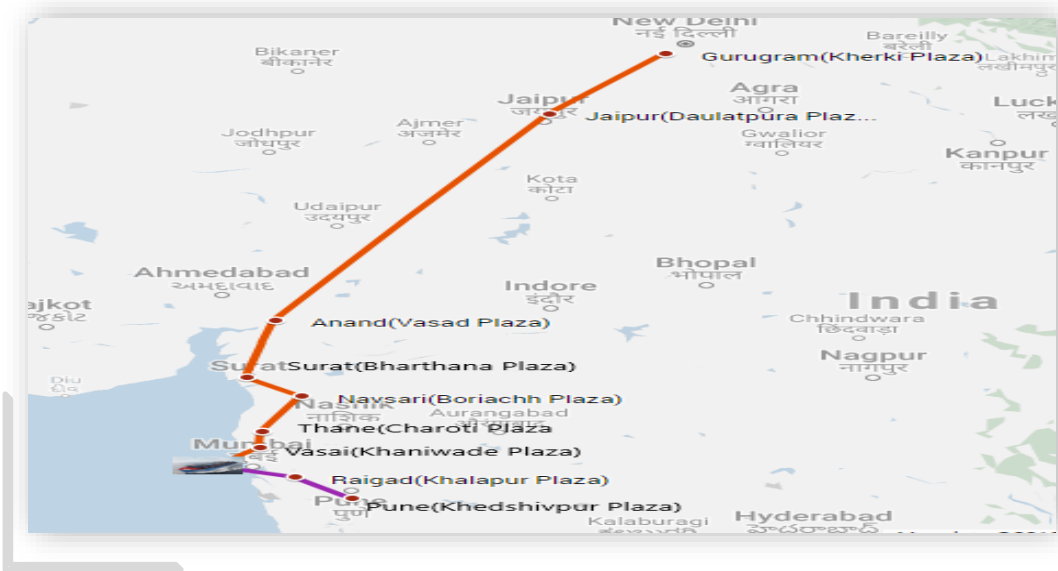
The analysis is based on the container travelling direct from port to toll, i.e. defined by the containers travelling from port to corresponding toll plaza with 2 days

Western Corridor Toll Plaza Analysis

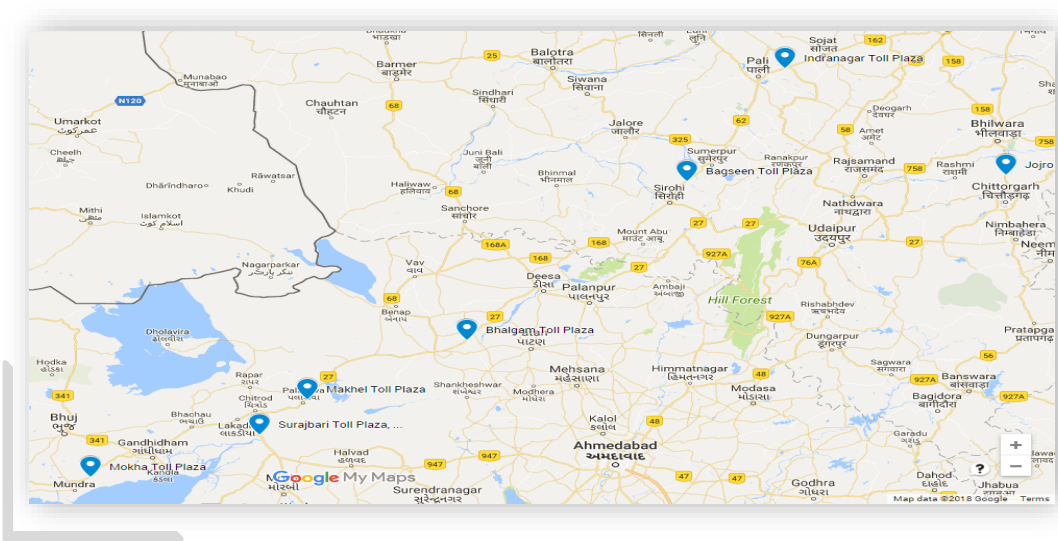
Avg. Speed between Toll to Toll Plazas

	Source	Destination Toll Plaza	Inter Distance (Km)	Oct'21 (in km/hrs)	Nov'21 (in km/hrs)
JNPT	JNPT	Khaniwade	94	12.5	13.9
	JNPT	Khalapur	60	-	13.7
	Khaniwade	Charoti	50	34.5	36.5
	Charoti	Boriach	126	28.1	29.1
	Boriach	Bharthan	142	31.0	32.7
	Bharthan	Vasad	60	37.3	37.7
	Khalapur	Khedshivpur	105	32.4	34.0
APSEZ	APSEZ	Mokha	28	25.7	23.9
	Mokha	Makhel	150	13.6	18.5
	Mokha	Surajbari	115	24.4	25.1

Toll Plaza - JNPT Port



Toll Plaza – APSEZ Port



Annexure – Name of the Ports

List of Port name used in Executive Summary

Terminal Name	Name of the Port
ACMTTL	Adani CMA Mundra Terminal (ACMTTL)
AHPL	Adani Hazira Port Limited (AHPL)
AICT	Adani International Container Terminal (AICT)
AMCT	Adani Mundra Container Terminal (AMCT)
AMCT-2	Adani Mundra Container Terminal-2 (AMCT-2)
BMCT	Bharat Mumbai Container Terminals(PSA)
CCTL	Chennai Container Terminal Pvt. Ltd. (CCTL)
CITPL	Chennai International Terminals Pvt Ltd (CITPL)
DBGT	Dakshin Bharat Gateway Terminal (DBGT)
GTI	Gateway Terminals India (GTI)
HICT	Haldia International Container Terminal (HICT)
AKCTPL	Adani Krishnapatna Container Terminal Pvt. Ltd.

Terminal Name	Name of the Port
KICT	Kandla International Container Terminal (KICT)
ICTT	International Container Transhipment Terminal, Kochi
JNPCT	Jawaharlal Nehru Port Container Terminal (JNPCT)
AKPPL	Kattupalli International Container Terminal (KICT)
KDS	Kolkata Dock System (KDS)
MICT	Mundra International Container Terminal (MICT)
NSIGT	Nhava Sheva India Gateway Terminal (NSIGT)
NSICT	Nhava Sheva International Container Terminal (NSICT)
PSA - SICAL	PSA SICAL Terminals
VCTPL	Visakha Container Terminal
NMPT	New Mangalore Port Trust Terminal
AECT	Adani Ennore Container Terminal (AECT)

Annexure – CFS – Pan India

List of CFS name used in CFS Performance Index

1 Phonex CFS	KOLKATA	37 Apm Terminals India CFS, Tiruvallur	Chennai	73 Seabird CFS, Mundra	Gujarat
2 Century Plyboards CFS, JJP	KOLKATA	38 Adani CFS, Kattupalli Tiruvallur Tamil Nadu	Chennai	74 Punjab Conware CFS, Navi Mumbai	Mumbai
3 Allcargo Logistics CFS	KOLKATA	39 Chola Logistiks Pvt Ltd	TUTICORIN	75 Apollo Logisolutions CFS, Panvel	Mumbai
4 Century Plyboards CFS, Sonai	KOLKATA	40 Hari CFS	TUTICORIN	76 TG Terminals CFS, Mundra	Gujarat
5 Balmer Lawrie CFS	KOLKATA	41 STP Services CFS, Chennai	Chennai	77 International Cargo Terminal CFS	Mumbai
6 Gateway East India CFS	VISAKHAPATNAM	Continental Warehousing Corporation CFS (Nhava Seva),	Chennai	78 Hind Terminal CFS, Hazira	Gujarat
7 LCL Freight Solutions	HALDIA	42 Tiruvallur		79 TG Terminals CFS	Mumbai
8 VPL Integral CFS	VISAKHAPATNAM	Kerry Indev Logistics Private Limited / Continental		80 Honey Comb CFS, Mundra	Gujarat
9 VCT CFS	VISAKHAPATNAM	43 Container Freight Station	TUTICORIN	81 Vaishno Logistics CFS, Navi Mumbai	Mumbai
10 Apeejay Infralogistics CFS	HALDIA	44 Hind Terminals CFS, Chennai	Chennai	82 Mundhra CFS, Mundra	Gujarat
11 Sravan CFS-1	VISAKHAPATNAM	45 Diamond CFS Park	TUTICORIN	83 Rishi CFS, Mundra	Gujarat
12 Allcargo Global Logistics CFS, Chennai	Chennai	46 Thiru Rani Logistics CFS, Tiruvallur	Chennai	84 Navkar Corporation Yard 2 CFS, Panvel	Mumbai
13 Sical CFS, Chennai Tiruvallur Tamil Nadu	Chennai	47 Prompt Terminals (P) Ltd	TUTICORIN	85 Ashutosh CFS, Mundra	Gujarat
14 Gateway Distriparks CFS, Chennai	Chennai	48 A.S.Shipping Agencies Pvt Ltd	TUTICORIN	86 Balmer & Lawrie CFS, Navi Mumbai	Mumbai
Continental Warehousing Corporation CFS (Nhava Seva),		49 Gateway Distripark CFS, Krishnapatnam	KRISHNAPATNAM	87 Seabird CFS, Hazira	Gujarat
15 Chennai	Chennai	50 Seabird CFS, Krishnapatnam	KRISHNAPATNAM	88 Dronagiri Rail Terminal CFS, Navi Mumbai	Mumbai
16 Sanco Trans CFS, Chennai	Chennai	51 AllCargo Logistics	Mumbai	89 Ocean Gate CFS, Panvel	Mumbai
17 ALS Tuticorin Terminal Private Limited	TUTICORIN	52 CWC Hind Terminal CFS, Navi Mumbai	Mumbai	90 Take Care Logistics CFS	Mumbai
18 Ennore Cargo Container Terminal CFS, Chennai	Chennai	53 Saurashtra CFS, Mundra	Gujarat	91 APM (Maersk India) CFS, Navi Mumbai	Mumbai
19 Kerry Indev Logistics ICD, Kanchipuram	Chennai	54 Gateway Distriparks CFS, Navi Mumbai	Mumbai	92 Indev Logistics CFS, Panvel	Mumbai
20 Kailash Shipping Services CFS, Chennai	Chennai	55 Speedy Multimode CFS, JNPT	Mumbai	93 Empezar Logistics CFS	Gujarat
21 Sattva Hi-Tech And Conware CFS, Chennai	Chennai	56 Ameya Logistics CFS, Navi Mumbai	Mumbai	94 Maersk Annex (APM)CFS, Navi Mumbai	Mumbai
22 Raja Agencies CFS	TUTICORIN	57 Navkar Corporation Yard 3 CFS, Panvel	Mumbai	95 Navkar Corporation Yard 1 CFS, Panvel	Mumbai
23 Calyx Container Terminal CFS, Chennai	Chennai	58 Adani CFS, Hazira	Gujarat	96 Maharashtra State Corp CFS	Mumbai
24 Triway CFS, Chennai	Chennai	59 JWC Logistics Park CFS	Mumbai	97 A V Joshi CFS	Gujarat
25 Sical Multimodal and Rail Transport Ltd. - CFS Division	TUTICORIN	60 Continental Warehousing CFS, Navi Mumbai	Mumbai	98 Transworld CFS, Mundra	Gujarat
26 Glovis India CFS, Kanchipuram	Chennai	61 Hind Terminals Pvt. Ltd. CFS, Mundra	Gujarat		
27 MIV CFS	KOCHI	62 CWC CFS, Mundra	Gujarat		
28 Balmer Lawrie CFS, Chennai	Chennai	63 EFC Logistics India	Mumbai		
29 Sudharsan Logistics CFS, Chennai	Chennai	64 International Cargo Terminals (ULA) CFS, Navi Mumbai	Mumbai		
30 St. John Freight Systems Ltd. - ICD Division	TUTICORIN	65 Adani CFS Eximyard, Mundra	Gujarat		
31 Sattva Cfs And Logistics CFS, Chennai	Chennai	66 AllCargo CFS, Mundra	Gujarat		
32 Chandra CFS, Tiruvallur	Chennai	67 JWR CFS	Mumbai		
		68 Ashte Logistics CFS, Panvel	Mumbai		
33 Continental Warehousing Corporation Nhava Sheva Ltd.	TUTICORIN	69 Sarveshwar CFS	Mumbai		
34 A S Shipping Agencies CFS, Tiruvallur	Chennai	70 Seabird CFS, Navi Mumbai	Mumbai		
35 GDKL CFS	KOCHI	71 MICT CFS, Mundra	Gujarat		
36 Vilsons CFS	TUTICORIN	72 Landmark CFS, Mundra	Gujarat		

Annexure – Western Region

List of CFS name used in CFS Performance Index

1	AllCargo Logistics	25	Apollo Logisolutions CFS, Panvel
2	CWC Hind Terminal CFS, Navi Mumbai	26	TG Terminals CFS, Mundra
3	Saurashtra CFS, Mundra	27	International Cargo Terminal CFS
4	Gateway Distriparks CFS, Navi Mumbai	28	Hind Terminal CFS, Hazira
5	Speedy Multimode CFS, JNPT	29	TG Terminals CFS
6	Ameya Logistics CFS, Navi Mumbai	30	Honey Comb CFS, Mundra
7	Navkar Corporation Yard 3 CFS, Panvel	31	Vaishno Logistics CFS, Navi Mumbai
8	Adani CFS, Hazira	32	Mundhra CFS, Mundra
9	JWC Logistics Park CFS	33	Rishi CFS, Mundra
10	Continental Warehousing CFS, Navi Mumbai	34	Navkar Corporation Yard 2 CFS, Panvel
11	Hind Terminals Pvt. Ltd. CFS, Mundra	35	Ashutosh CFS, Mundra
12	CWC CFS, Mundra	36	Balmer & Lawrie CFS, Navi Mumbai
13	EFC Logistics India	37	Seabird CFS, Hazira
14	International Cargo Terminals (ULA) CFS, Navi Mumbai	38	Dronagiri Rail Terminal CFS, Navi Mumbai
15	Adani CFS Eximyard, Mundra	39	Ocean Gate CFS, Panvel
16	AllCargo CFS, Mundra	40	Take Care Logistics CFS
17	JWR CFS	41	APM (Maersk India) CFS, Navi Mumbai
18	Ashte Logistics CFS, Panvel	42	Indev Logistics CFS, Panvel
19	Sarveshwar CFS	43	Empezar Logistics CFS
20	Seabird CFS, Navi Mumbai	44	Maersk Annex (APM)CFS, Navi Mumbai
21	MICT CFS, Mundra	45	Navkar Corporation Yard 1 CFS, Panvel
22	Landmark CFS, Mundra	46	Maharashtra State Corp CFS
23	Seabird CFS, Mundra	47	A V Joshi CFS
24	Punjab Conware CFS, Navi Mumbai	48	Transworld CFS, Mundra

List of ICD name used in ICD Performance Index

1	ACTL ICD, Faridabad
2	Adani Logistics Park ICD, Gurgaon
3	Albatross Inland Ports ICD, Dadri
4	Allcargo Logistics Park ICD, Dadri
5	APM Terminals ICD, Dadri
6	CMA CGM Logistics Park, Dadri
7	Gateway Rail Freight ICD, Gurgaon
8	GatewayRail Freight ICD, Pyala
9	Hind Terminals Logistics Park ICD, Palwal
10	Navkar ICD, Tumb
11	Pristine ICD Chawapail

Annexure – Southern & Eastern Region

List of CFS name used in Southern CFS Performance Index

1	Allcargo Global Logistics CFS, Chennai	21	Chandra CFS, Tiruvallur
2	Sical CFS, Chennai Tiruvallur Tamil Nadu	22	Continental Warehousing Corporation Nhava Sheva Ltd.
3	Gateway Distriparks CFS, Chennai	23	A S Shipping Agencies CFS, Tiruvallur
4	Continental Warehousing Corporation CFS (Nhava Seva), Chennai	24	GDKL CFS
5	Sanco Trans CFS, Chennai	25	Vilsons CFS
6	ALS Tuticorin Terminal Private Limited	26	Apm Terminals India CFS, Tiruvallur
7	Ennore Cargo Container Terminal CFS, Chennai	27	Adani CFS, Kattupalli Tiruvallur Tamil Nadu
8	Kerry Indev Logistics ICD, Kanchipuram	28	Chola Logistiks Pvt Ltd
9	Kailash Shipping Services CFS, Chennai	29	Hari CFS
10	Sattva Hi-Tech And Conware CFS, Chennai	30	STP Services CFS, Chennai
11	Raja Agencies CFS	31	Continental Warehousing Corporation CFS (Nhava Seva), Tiruvallur
12	Calyx Container Terminal CFS, Chennai	32	Kerry Indev Logistics Private Limited / Continental Container Freight Station
13	Triway CFS, Chennai	33	Hind Terminals CFS, Chennai
14	Sical Multimodal and Rail Transport Ltd. - CFS Division	34	Diamond CFS Park
15	Glovis India CFS, Kanchipuram	35	Thiru Rani Logistics CFS, Tiruvallur
16	MIV CFS	36	Prompt Terminals (P) Ltd
17	Balmer Lawrie CFS, Chennai	37	A.S.Shipping Agencies Pvt Ltd
18	Sudharsan Logistics CFS, Chennai	38	Gateway Distripark CFS, Krishnapatnam
19	St. John Freight Systems Ltd. - ICD Division	39	Seabird CFS, Krishnapatnam
20	Sattva Cfs And Logistics CFS, Chennai		

List of CFS name used in Eastern CFS Performance Index

1	Phonex CFS
2	Century Plyboards CFS, JJP
3	Allcargo Logistics CFS
4	Century Plyboards CFS, Sonai
5	Balmer Lawrie CFS
6	Gateway East India CFS
7	LCL Freight Solutions
8	VPL Integral CFS
9	VCT CFS
10	Apeejay Infralogistics CFS
11	Sravan CFS-1



THANK YOU