



Logistics Databank Analytics Report

September 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](#)

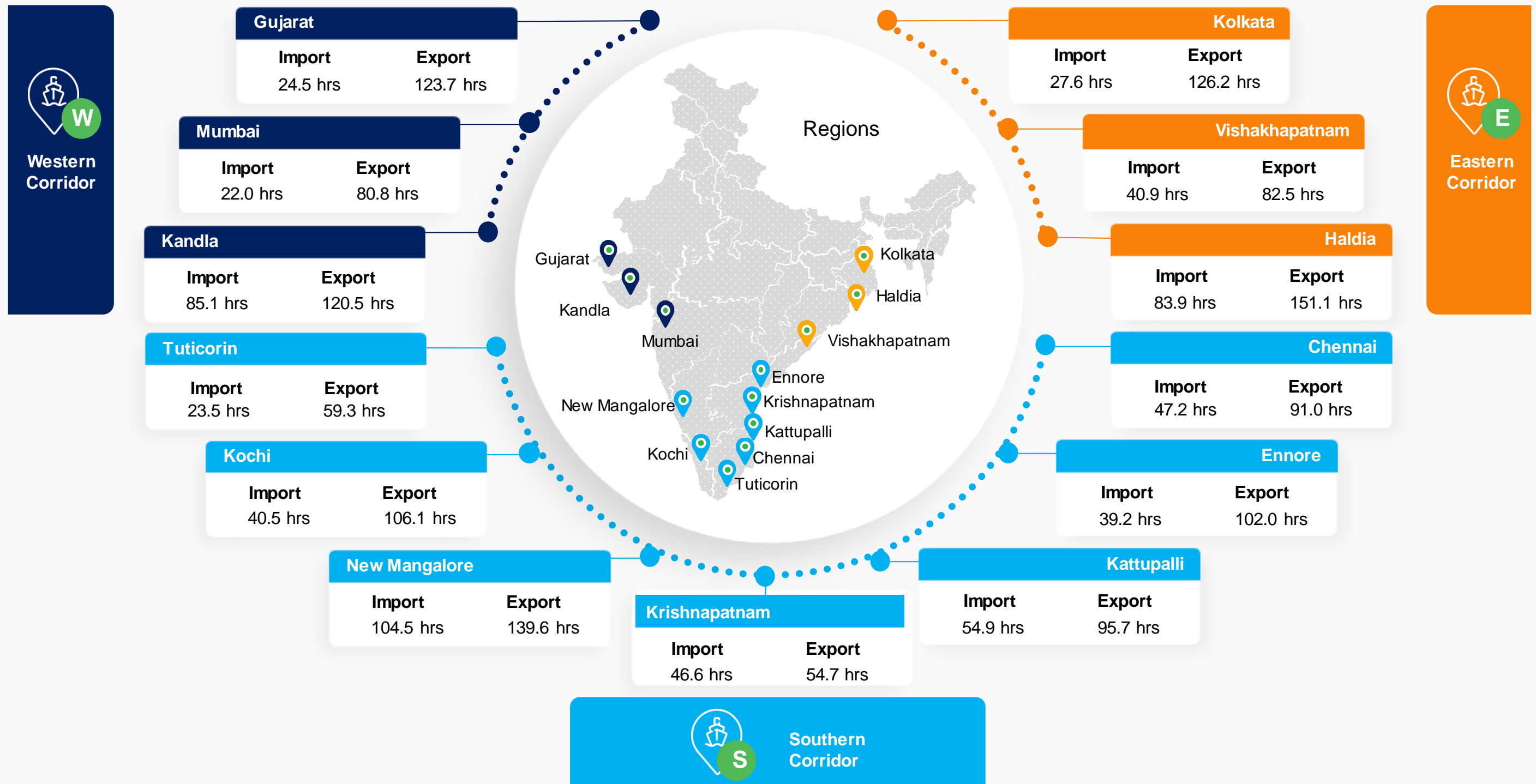
Section 02

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: September 2021 (Dwell Time)

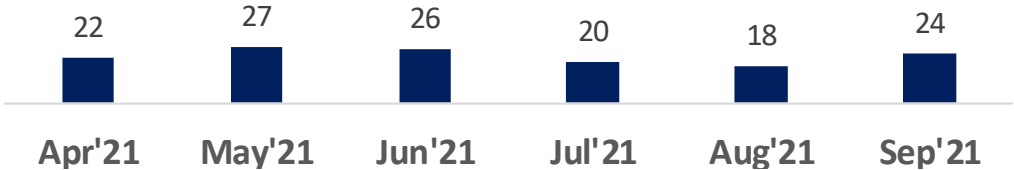




Port Dwell Time Performance – Western Corridor (Import Cycle)

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

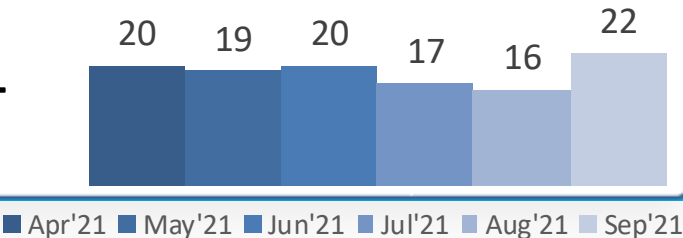
Western Corridor



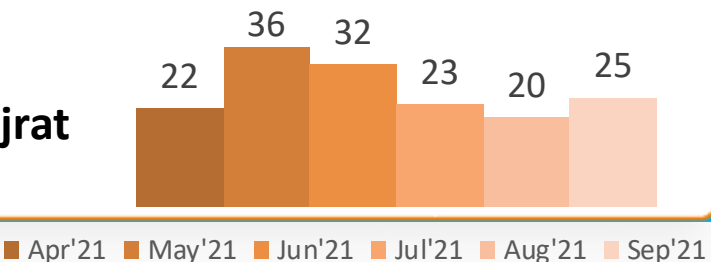
Port - Wise



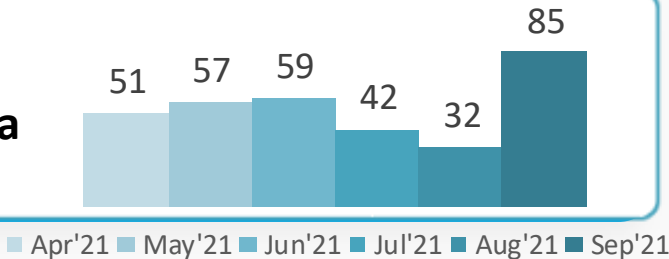
JNPT



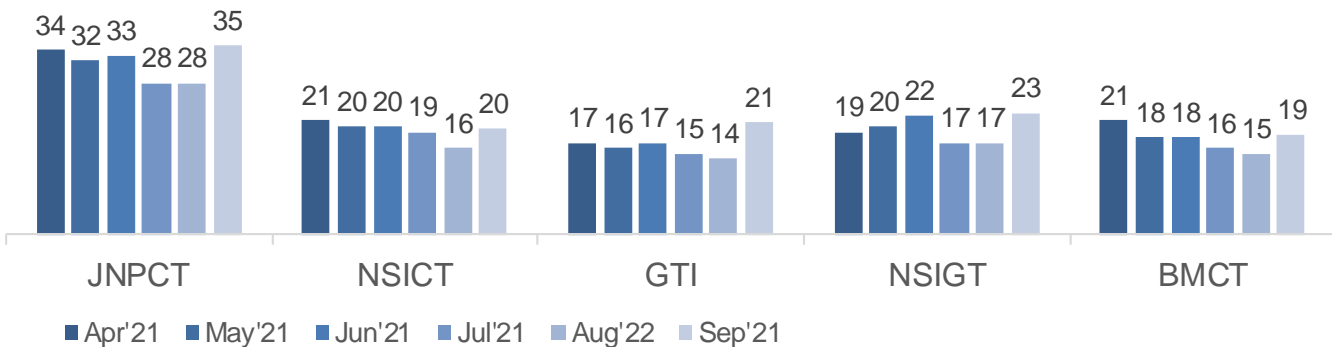
Gujrat



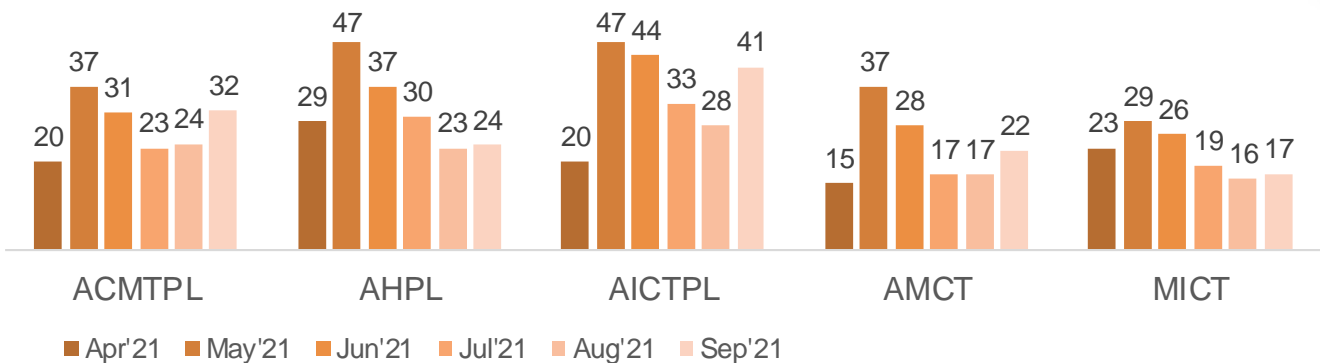
Kandla



JNPT - Terminal



Gujarat - Terminal

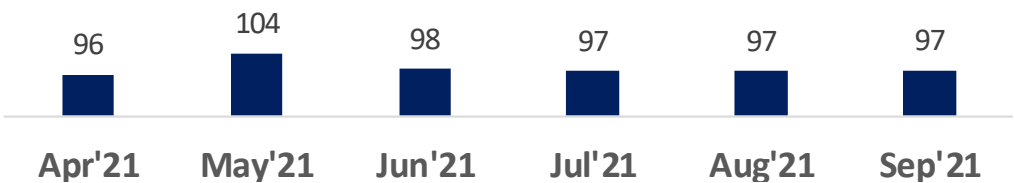




Port Dwell Time Performance – Western Corridor (Export Cycle)

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

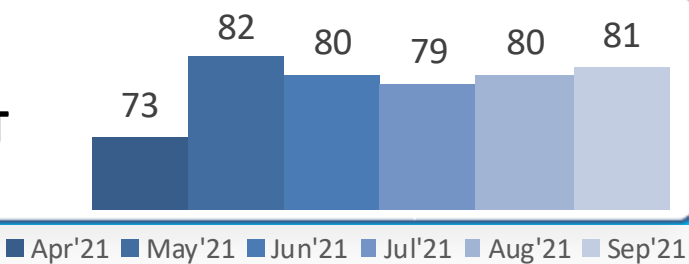
Western Corridor



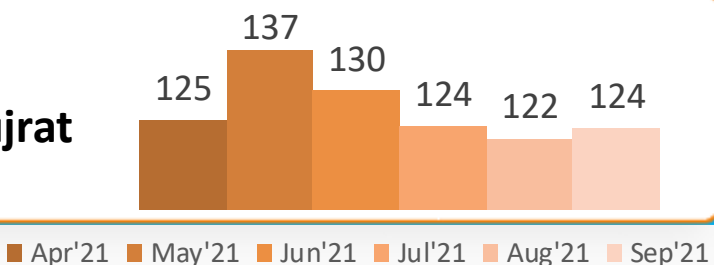
Port - Wise



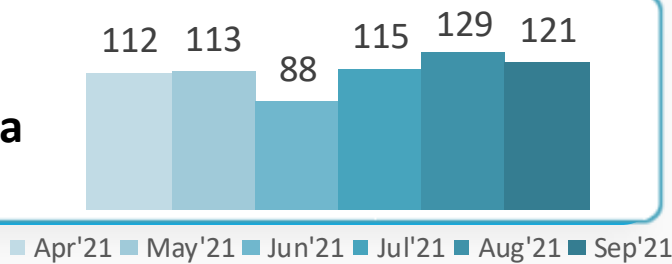
JNPT



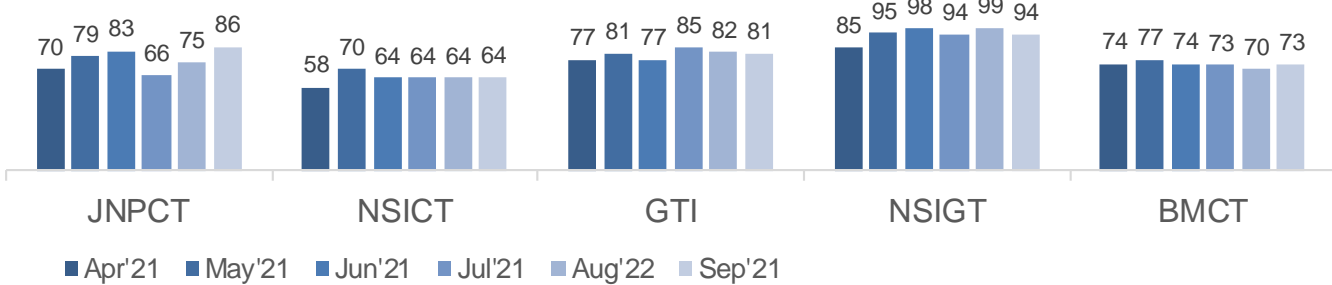
Gujrat



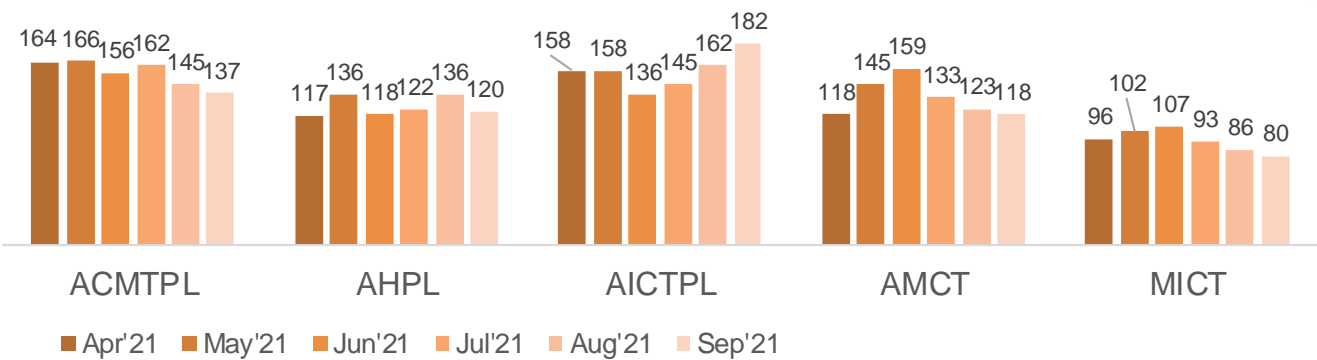
Kandla



JNPT - Terminal

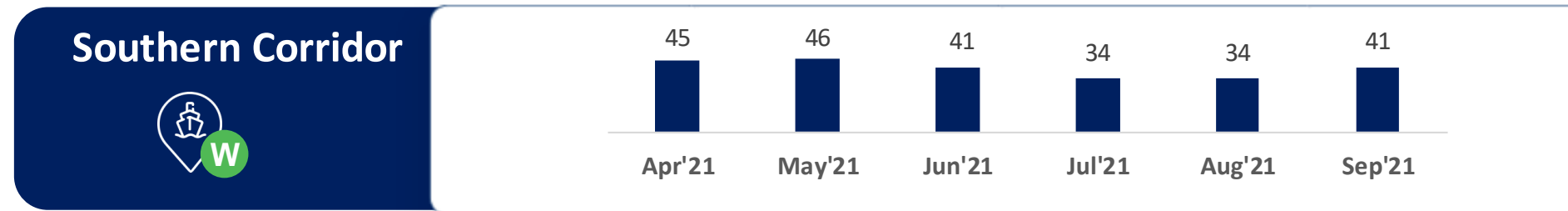


Gujarat - Terminal



Port Dwell Time Performance – Southern Corridor (Import Cycle)

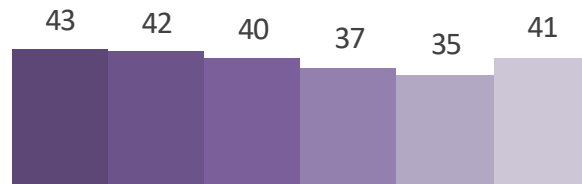
Import Cycle – Dwell Time Performance – Southern Corridor (in hrs)



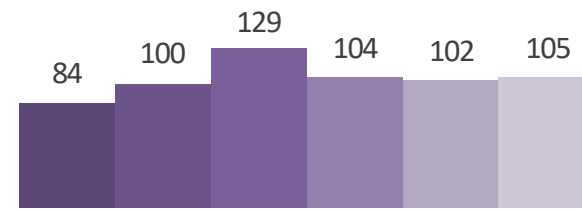
Port - Wise



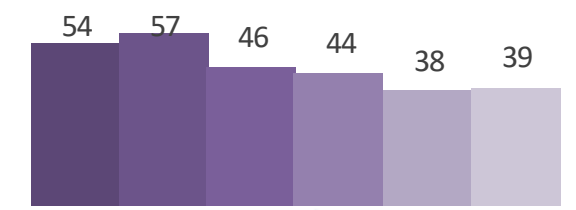
Kochi



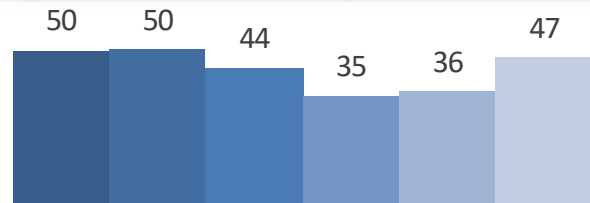
New Mangalore



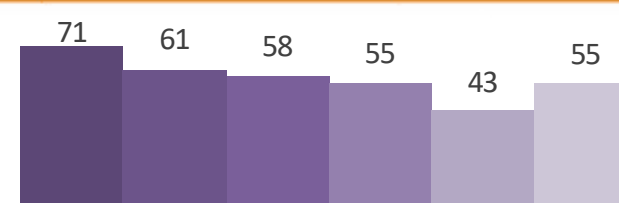
Ennore



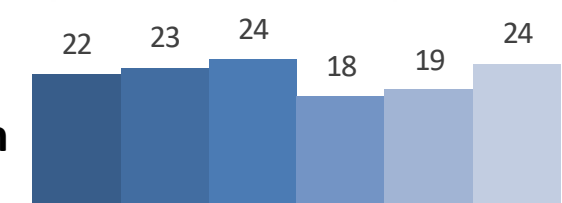
Chennai



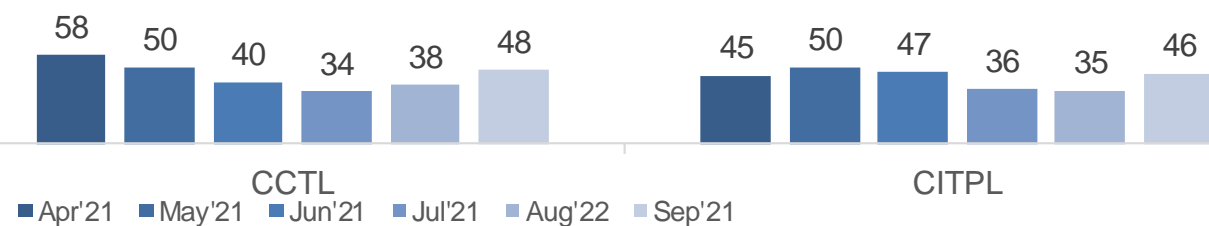
Kattupalli



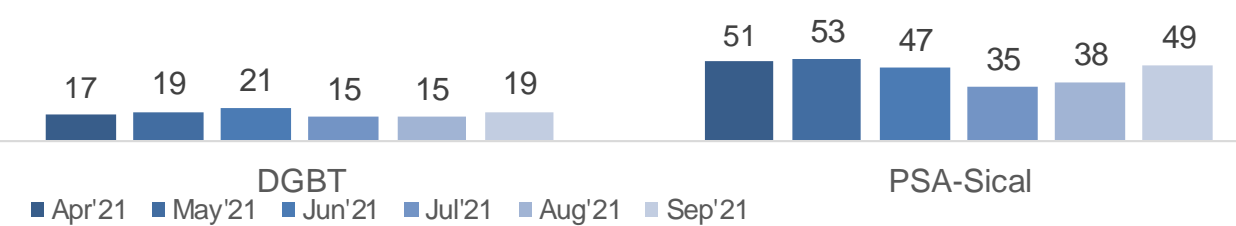
Tuticorin



Chennai - Terminal

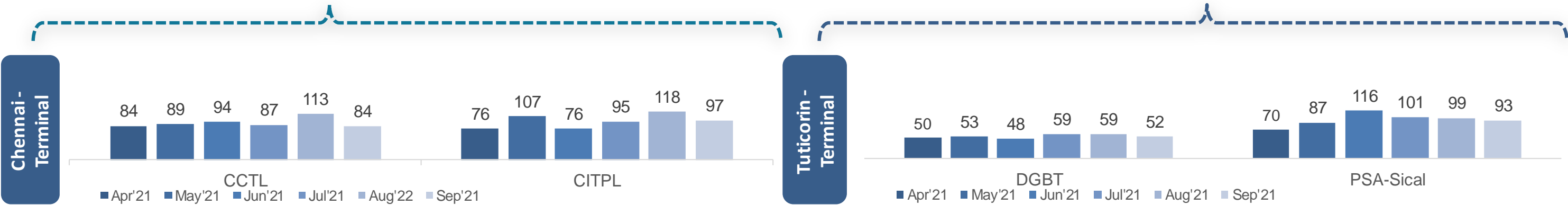
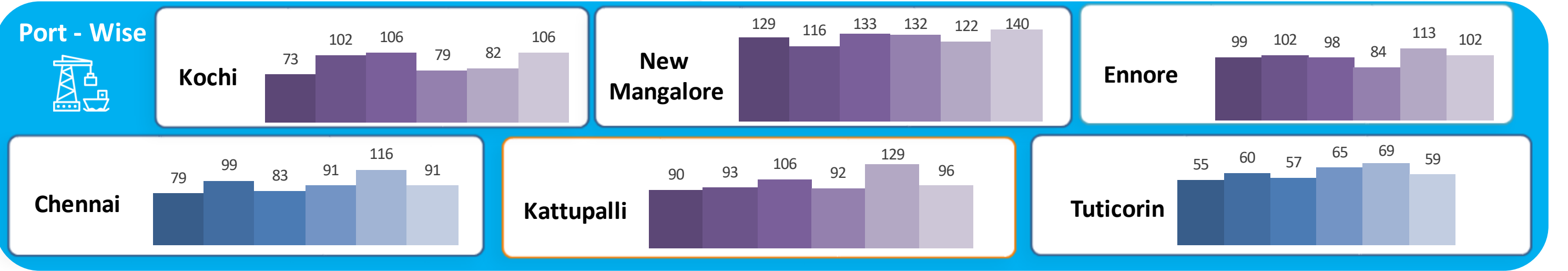
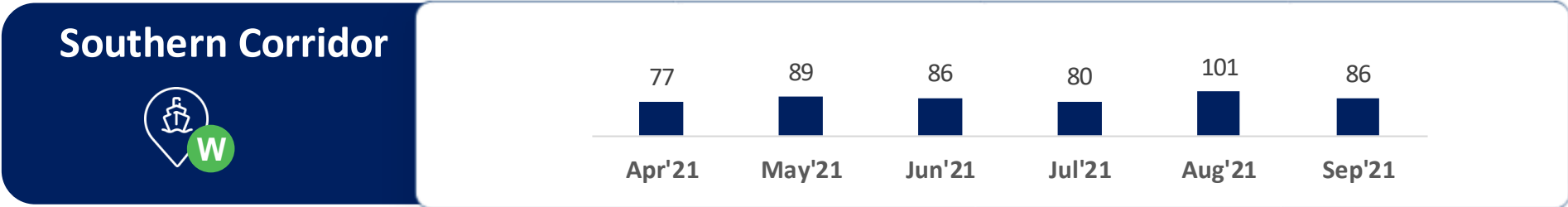


Tuticorin - Terminal



Port Dwell Time Performance – Southern Corridor (Export Cycle)

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

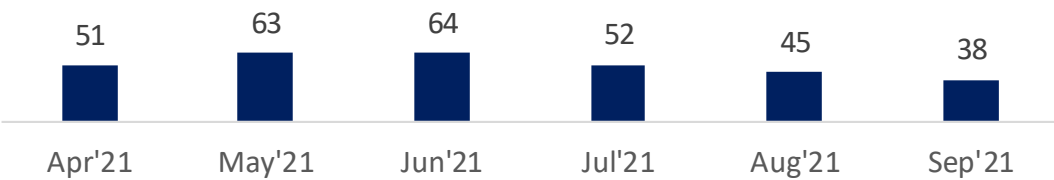




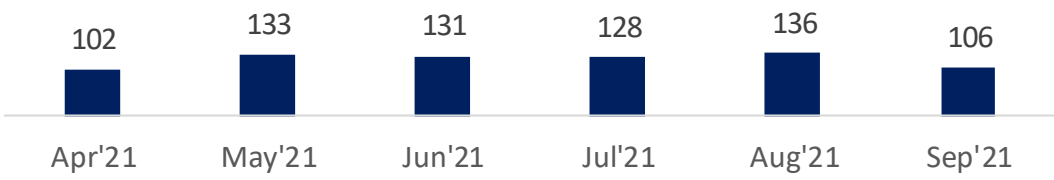
Port Dwell Time Performance – Eastern Corridor

Import Cycle (in hrs)

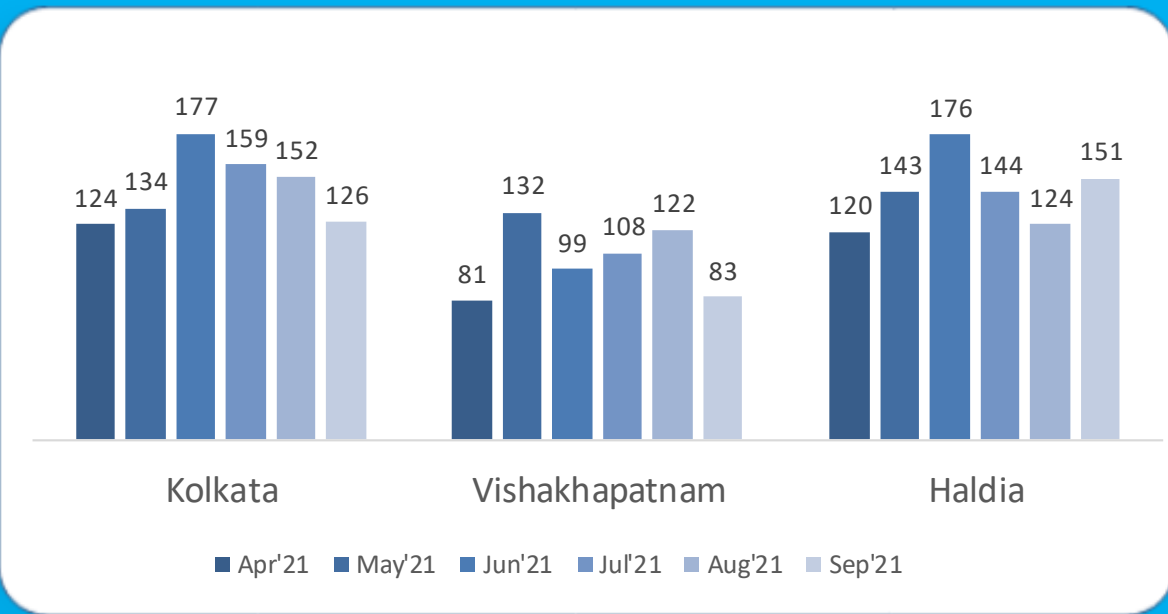
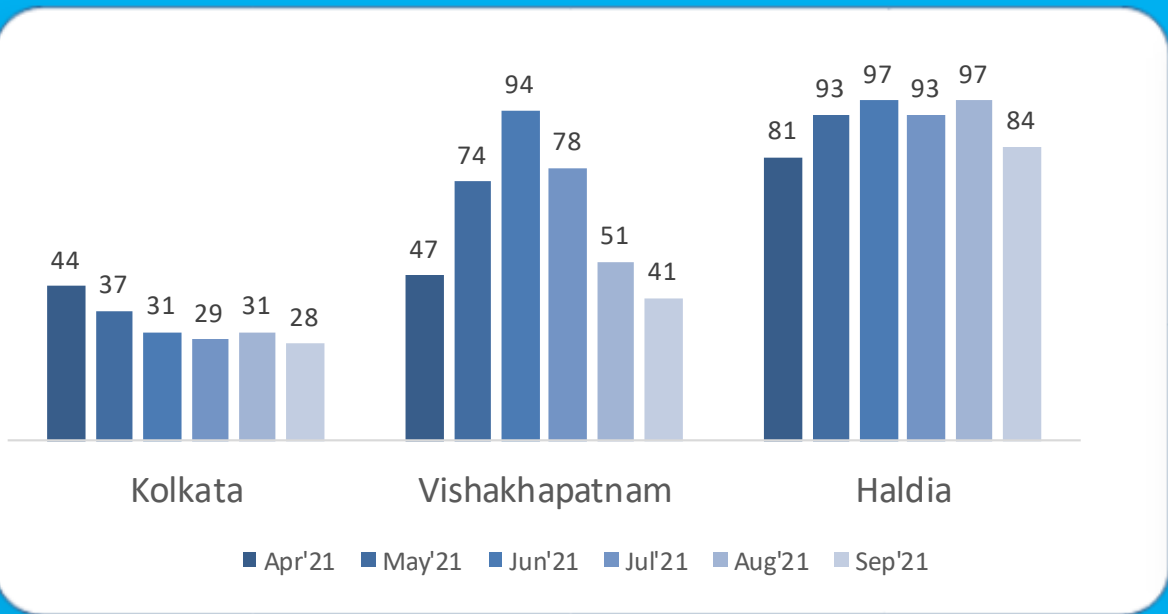
Eastern Corridor



Import Cycle (in hrs)

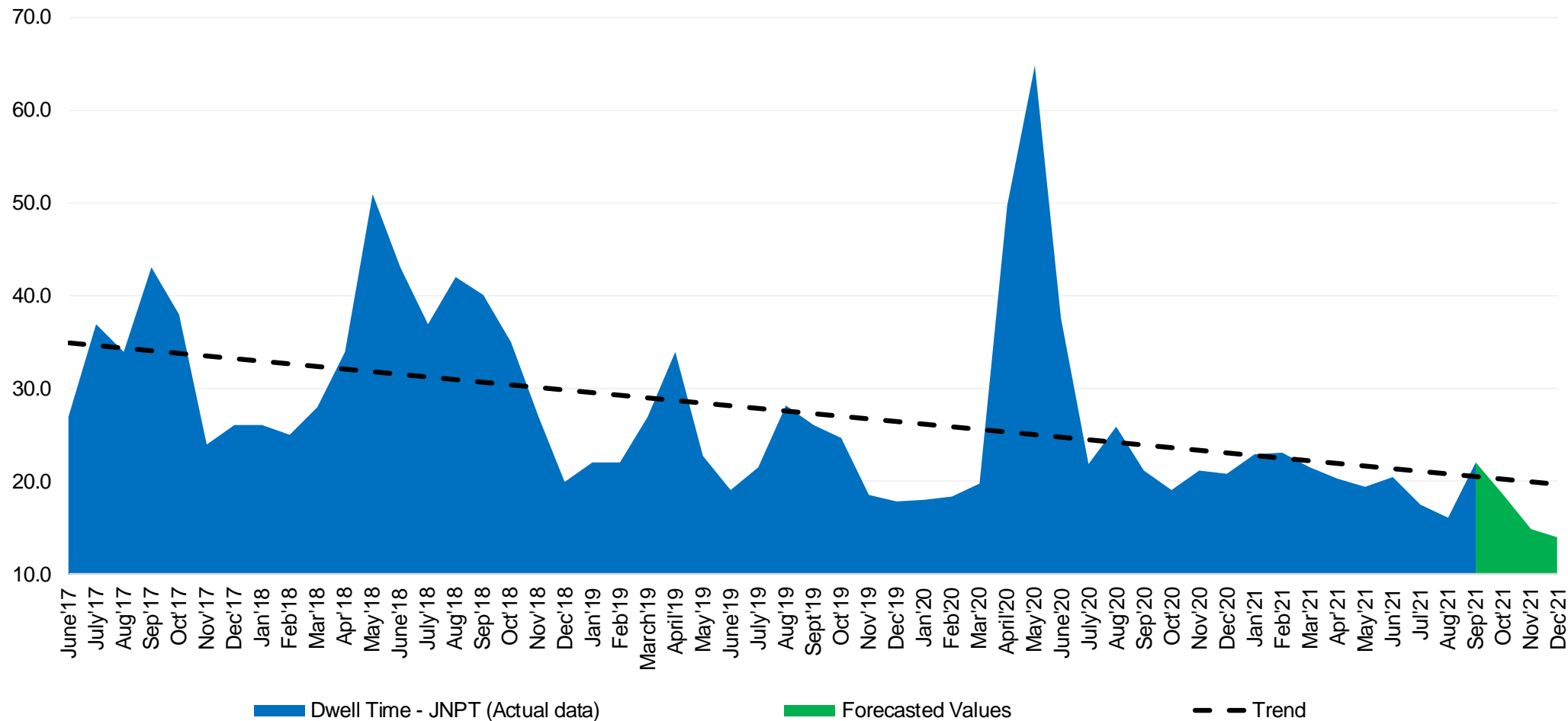


Port - Wise



Predictive Analysis : JNPT Port

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 Sep'21 and strictly decrease from there on to reach a minima in the month of Dec'21.



Predicted
Dwell Time (in hrs)

Oct'21

18.6

Nov'21





14.8

Dec'21

14.0


Western Corridor

- The Overall container handling performance in Western Corridor in both Import & Export Cycle has deteriorated by 31% & 1%.
- The container handling performance at CFS has deteriorated by 1%. Also, ICD performance has improved by 3%.

Month	Import cycle – Dwell Time	Export cycle – Dwell Time	CFS Dwell Time	ICD Dwell Time
Sep'21	23.9 hrs 	97.3 hrs 	83.6 hrs 	114.1 hrs 
Aug'21	18.2 hrs	96.6 hrs	82.5 hrs	117.7 hrs




Southern Corridor

- The Overall container handling performance in Southern Corridor in Import Cycle has deteriorated by 19% & in Export Cycle has improved by 15%.
- The container handling performance at CFS has improved by 5%

Month	Import cycle – Dwell Time	Export cycle – Dwell Time	CFS Dwell Time
Sep'21	41.0 hrs 	85.9 hrs 	98.4 hrs 
Aug'21	34.4 hrs	101.0 hrs	103.4 hrs

Eastern Corridor

- The Overall container handling performance in Eastern Corridor for both Import and Export Cycle has improved by 16% and 22% respectively.
- The container handling performance at CFS has improved by 10%

Month	Import Cycle – Dwell Time	Export Cycle – Dwell Time	CFS Dwell Time
Sep'21	38.1 hrs 	105.7 hrs 	119.6 hrs 
Aug'21	45.3 hrs	135.9 hrs	133.2 hrs

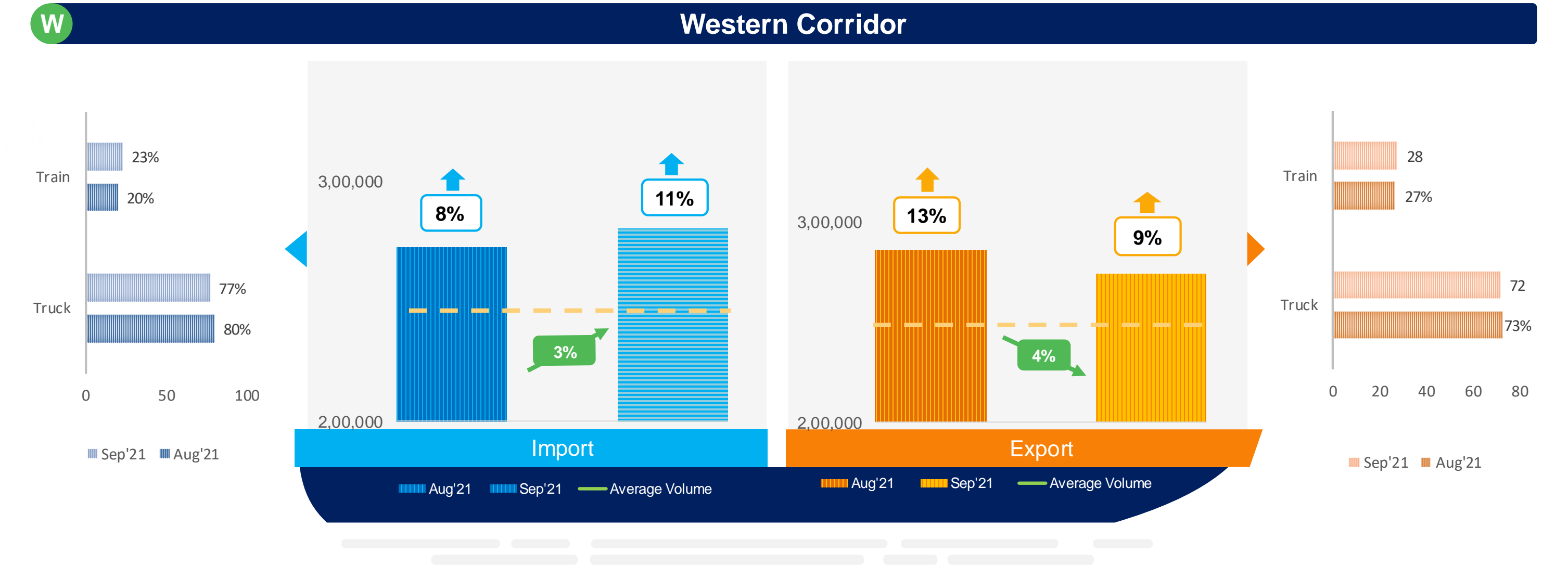


COVID – 19 Impact



Covid-19 Impact – Western Corridor

Below graphs depicts the change in volume percentage during the month of Sep'21 w.r.t the last month i.e., Aug'21 (during Covid 19) and the average EXIM corridor wise volume



Covid-19 Impact – Southern Corridor

Below graphs depicts the change in volume percentage during the month of Sep'21 w.r.t the last month i.e., Aug'21 (during Covid 19) and the average EXIM corridor wise volume

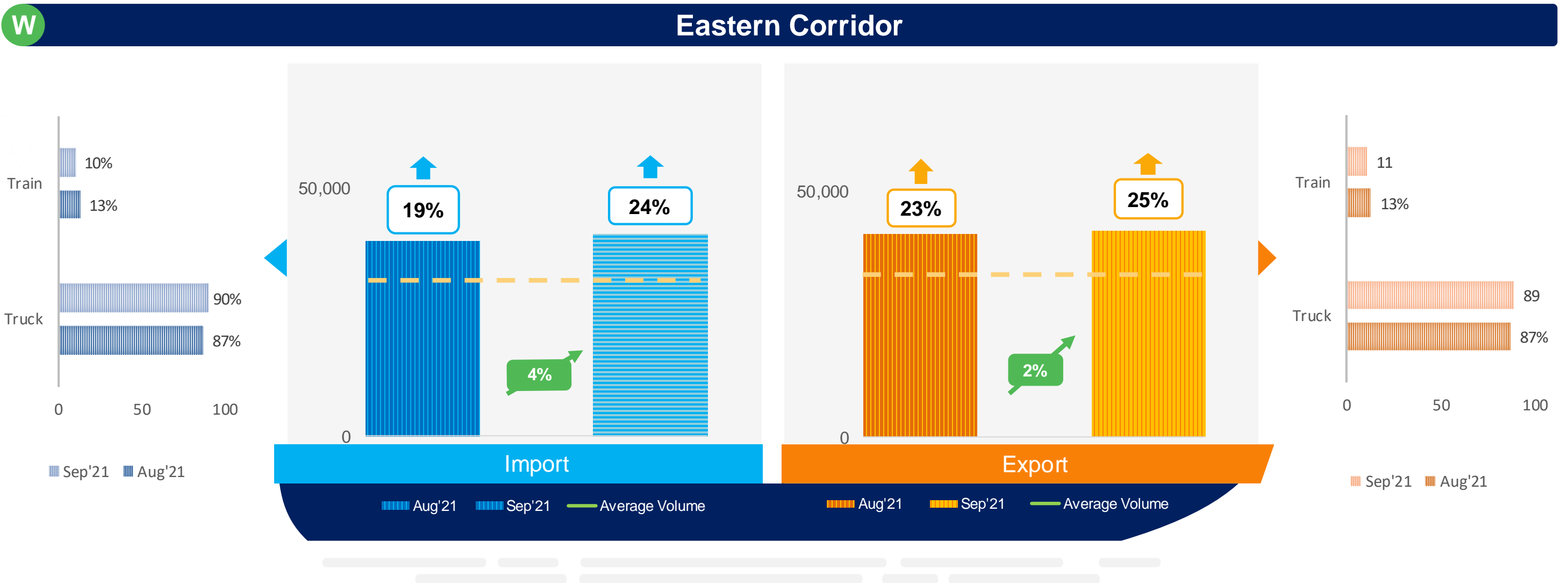
W

Southern Corridor



Covid-19 Impact – Eastern Corridor

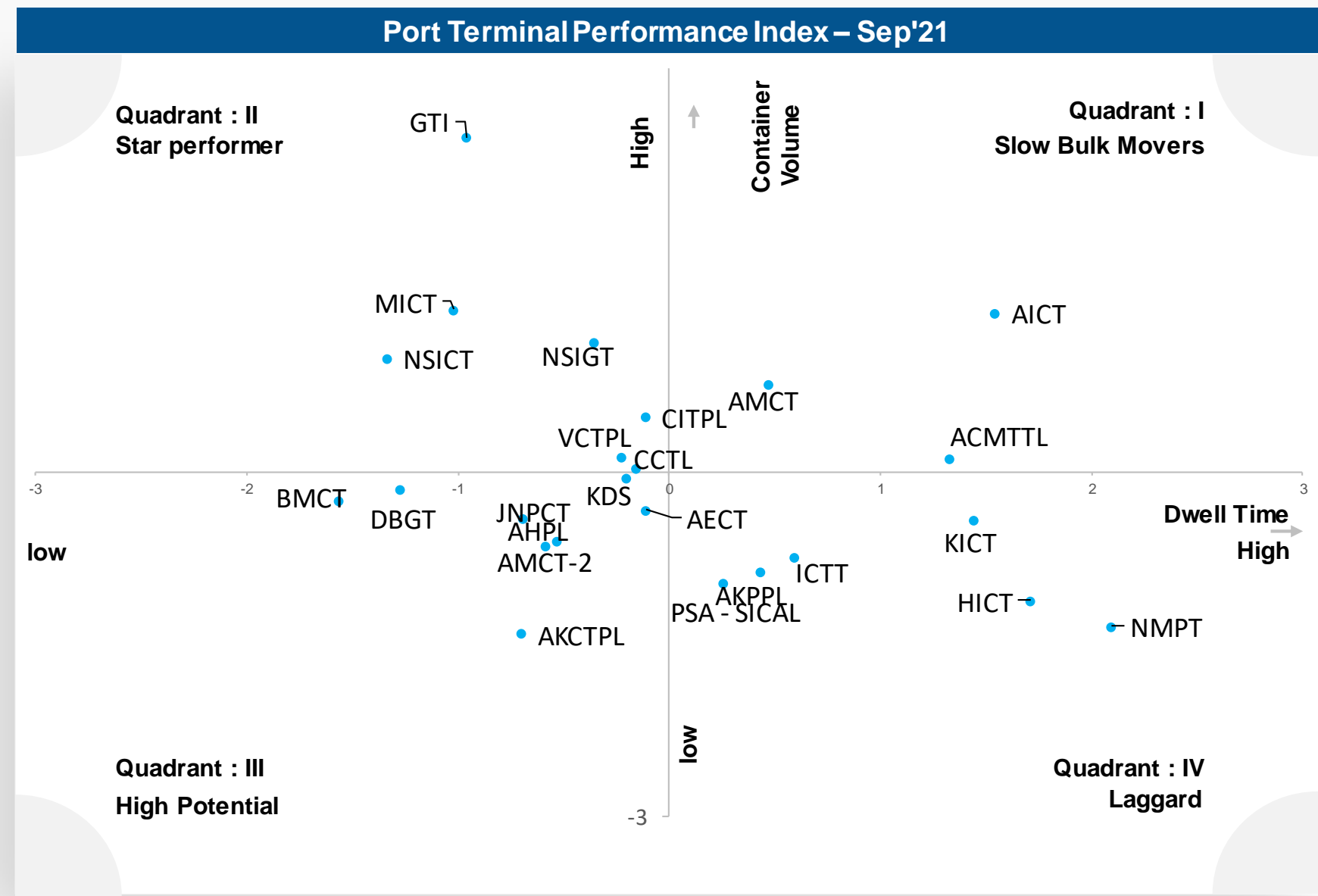
Below graphs depicts the change in volume percentage during the month of Sep'21 w.r.t the last month i.e., Aug'21 (during Covid 19) and the average EXIM corridor wise volume





Pan India - Port Performance Benchmarking & Performance Index

Performance Benchmarking - Port Terminals



The benchmarking showcase the individual terminal's performance w.r.t Pan India



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

Top Performing Terminal	
Gateway Terminals India (GTI)	
Aug'21	Sep'21
41.2 Hrs	43.1 Hrs. 
Low Performing Terminal)	
New Mangalore Port Trust (NMPT)	
Aug'21	Sep'21
111.3 Hrs	117.3 Hrs 

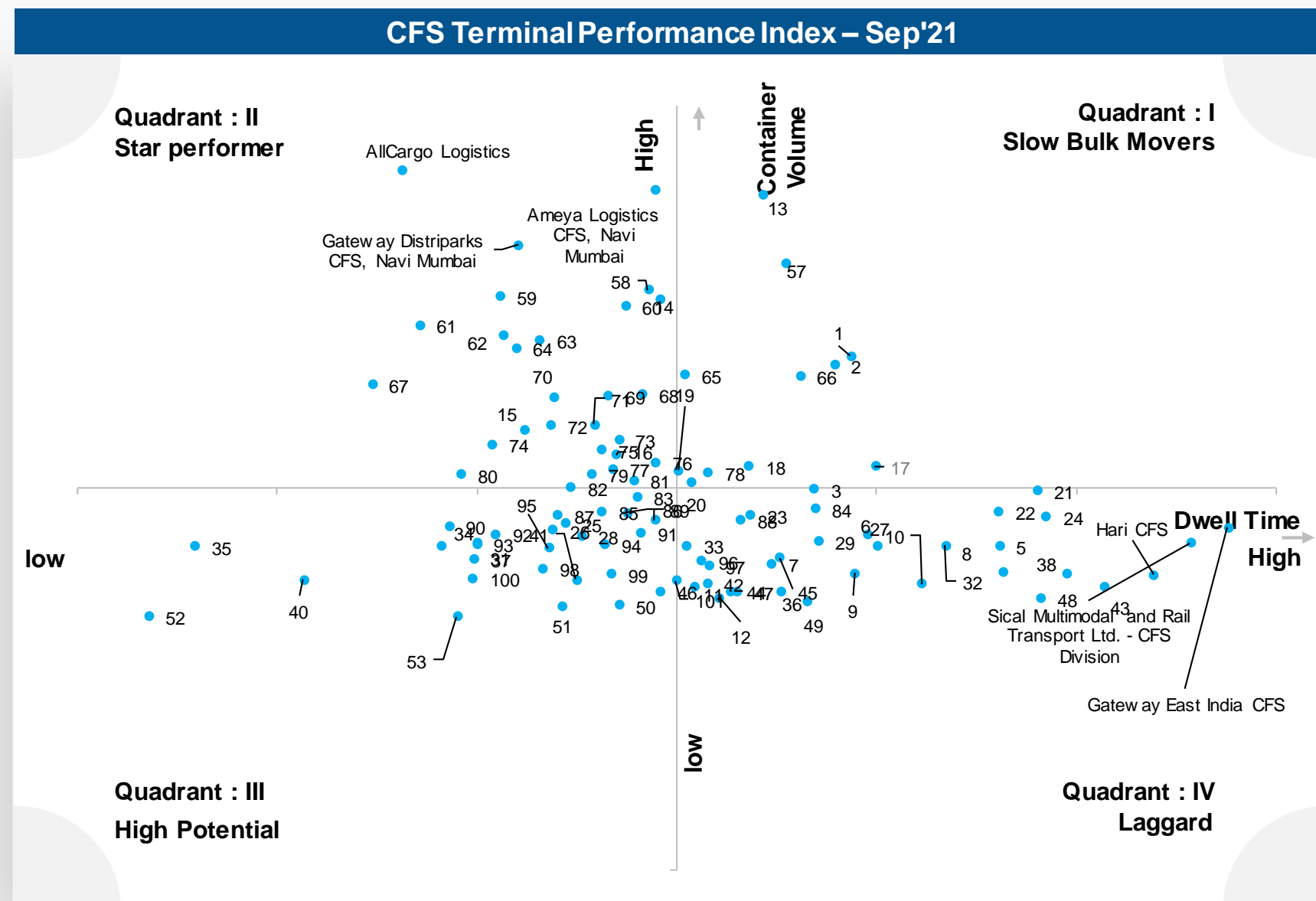
Note: The performance benchmarking is based on performance index

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



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

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



Top Three Performing CFSs			
CFS Name	Aug'21	Sep'21	
All Cargo Logistics	68.2 hrs	62.3 hrs	↑
Ameya Logistics CFS, Navi Mumbai	87.1 hrs	93.3 hrs	↓
Gateway Distriparks CFS, Navi Mumbai	76.3 hrs	76.5 hrs	↓

Bottom Three Performing CFSs			
CFS Name	Aug'21	Sep'21	
Gateway East India CFS	173.4 hrs	163.5 hrs	↑
Sical Multimodal and Rail Transport Ltd.-CFS Division	139.2 hrs	158.9 hrs	↓
Hari CFS	101.0 hrs	154.4 hrs	↓

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

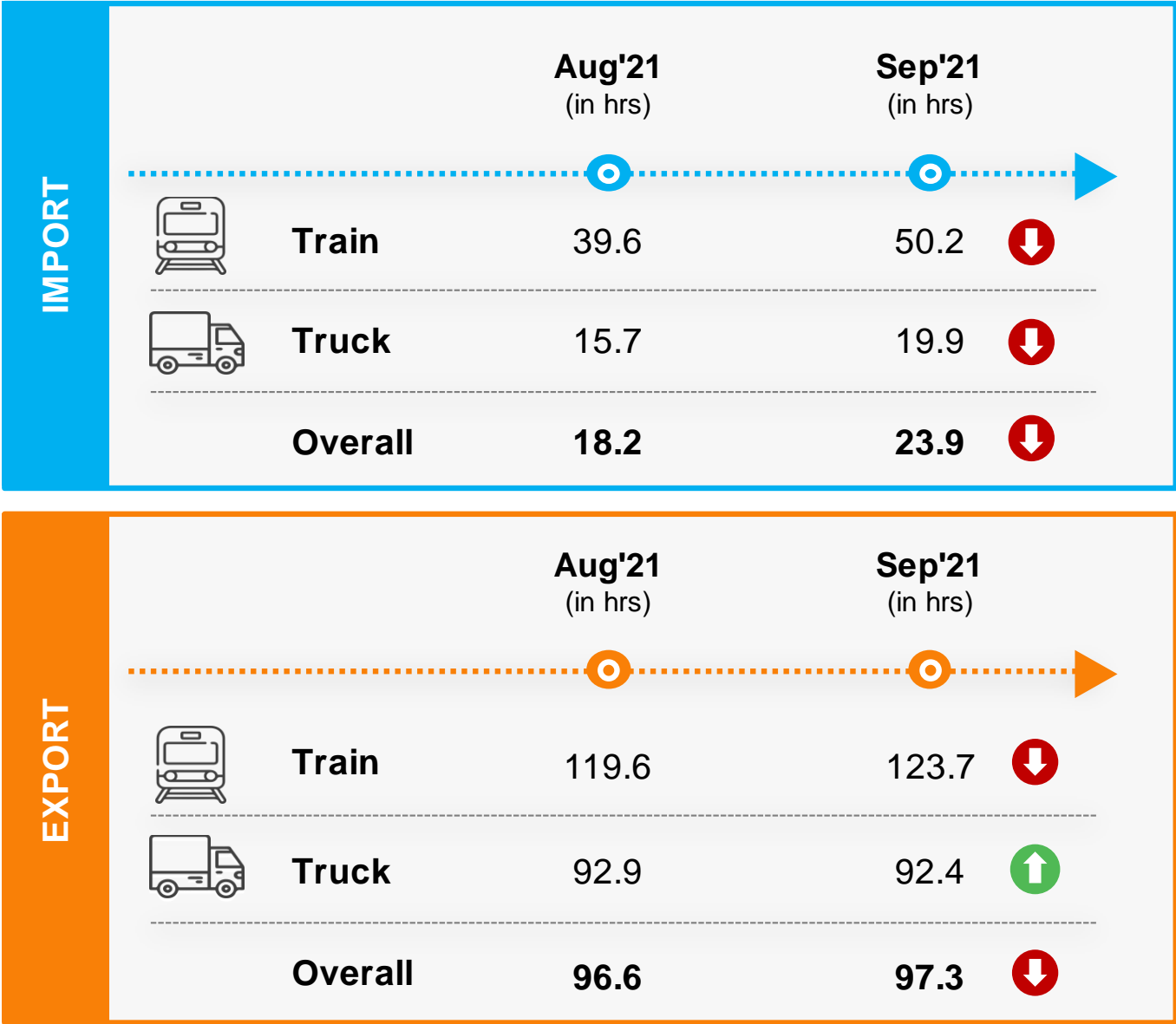
Performance Index - Summary

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

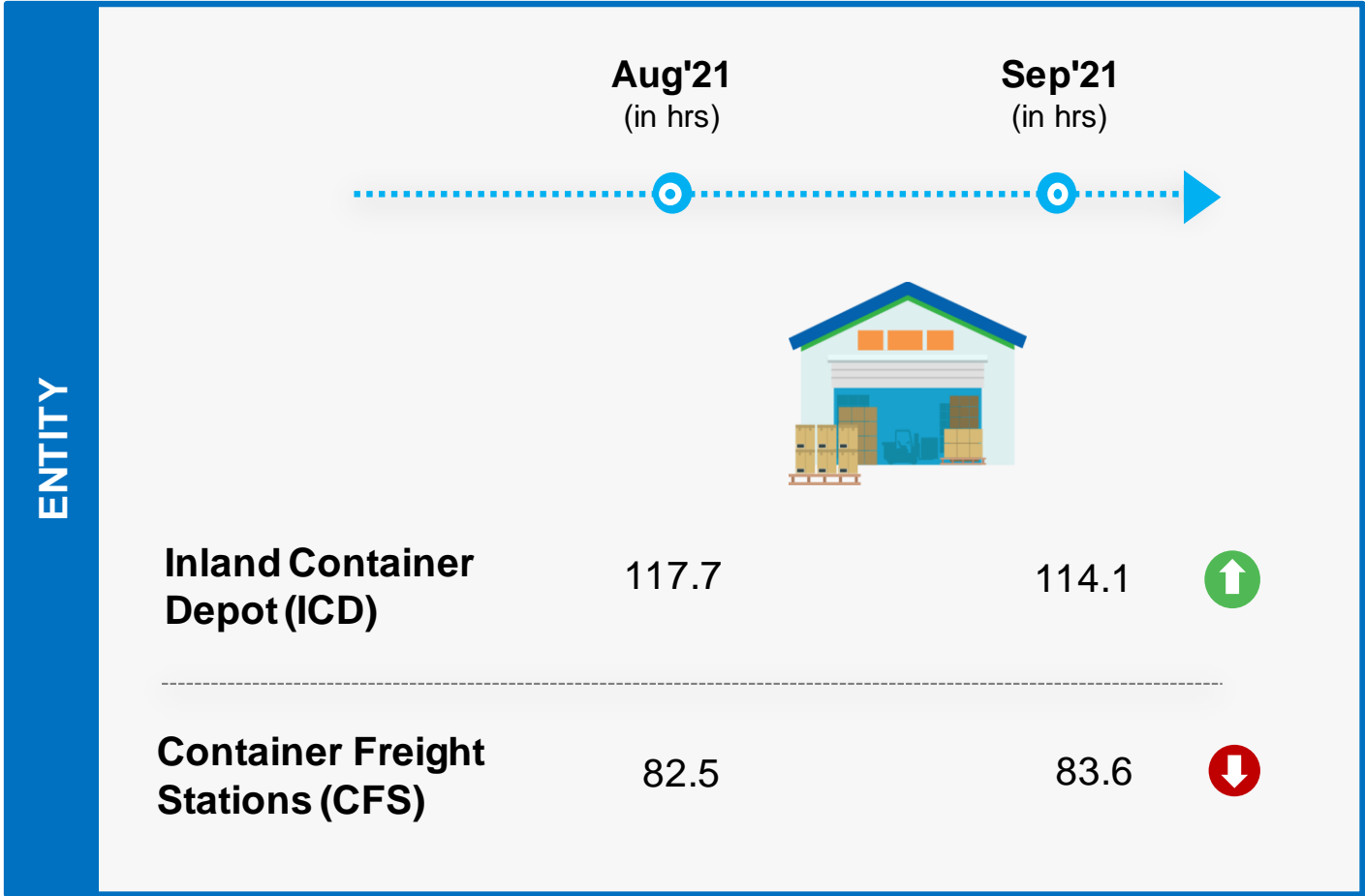
Star Performer	Slow Bulk Movers
Consist of entities which have catered relatively high container volume in lower dwell time	Consist of entities which have catered higher container volume in higher dwell time
High Potential	Laggard
Consist of entities which have catered relatively lower container volume in lower dwell time	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



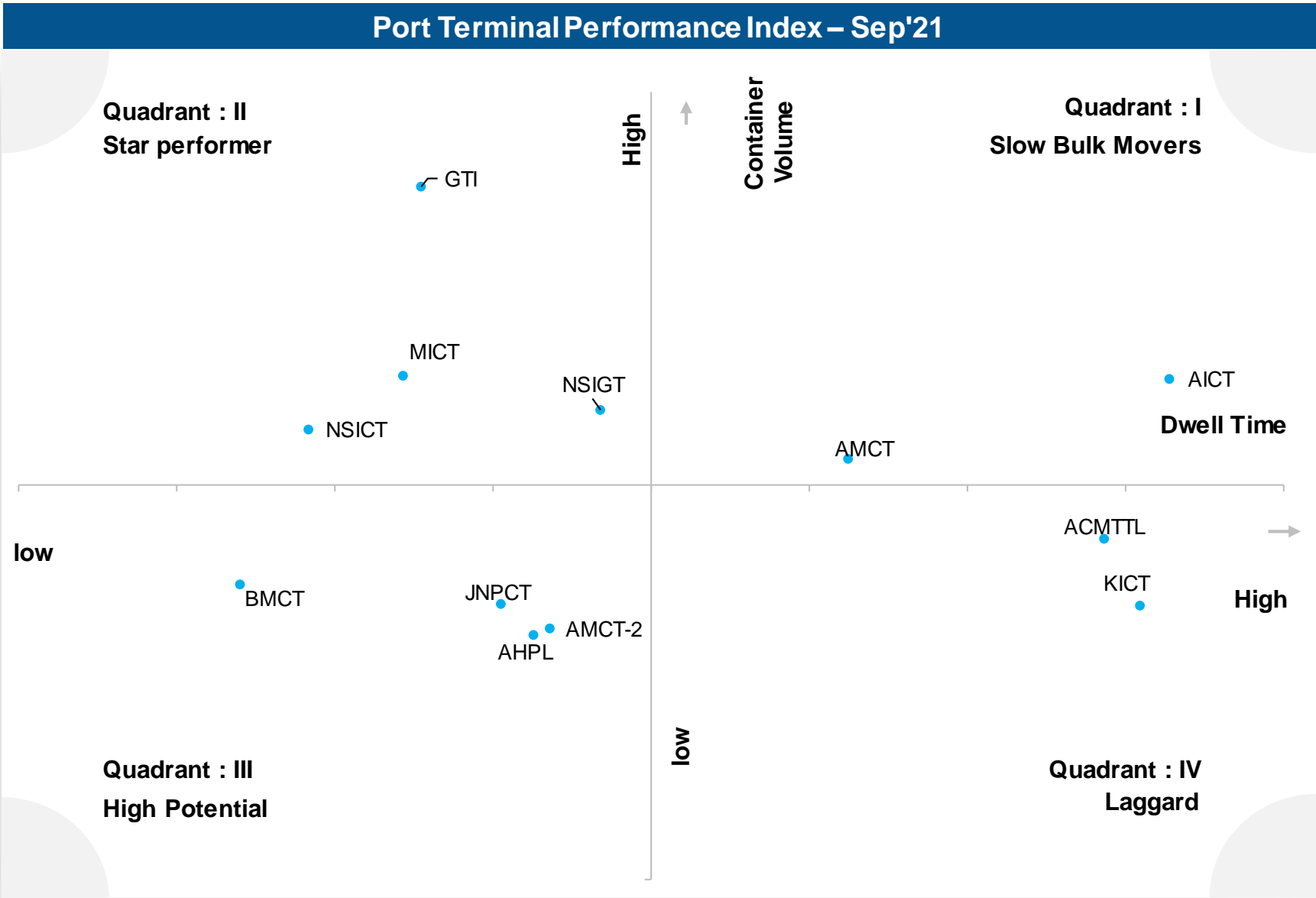
↑ The marked entries showcase increase in performance in comparison to Aug'21

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

Top Performing Terminal	
Gateway Terminals India (GTI)	
Aug'21	Sep'21
41.2 Hrs	43.1 Hrs.
Low Performing Terminal	
Kandla International Container Terminal (KICT)	
Aug'21	Sep'21
60.2 Hrs	101.5 Hrs.

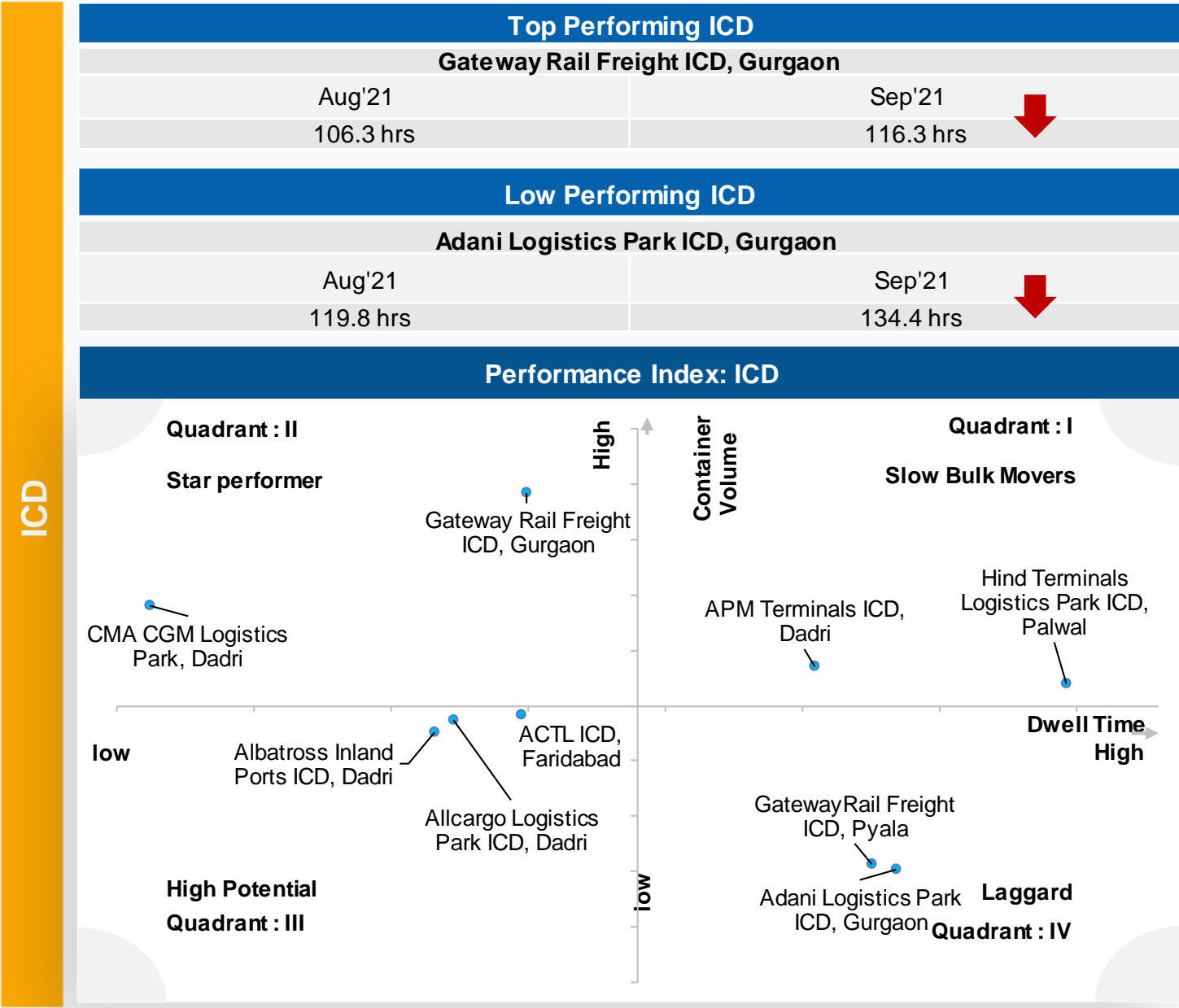
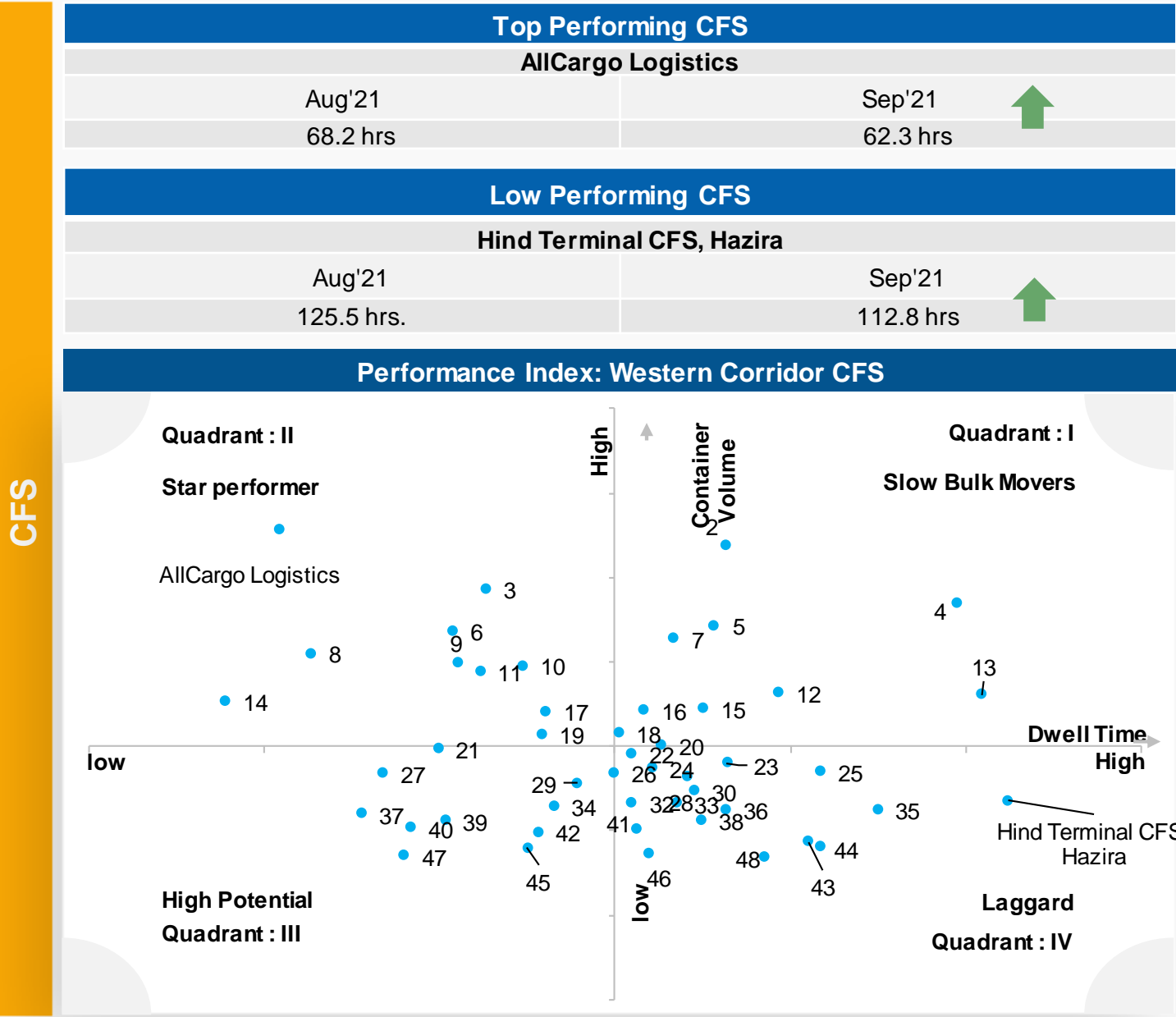
Note: The performance benchmarking is based on performance index

↑↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Aug'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/ICD Performance Benchmarking & Performance Index - Western Corridor

Performance Benchmarking

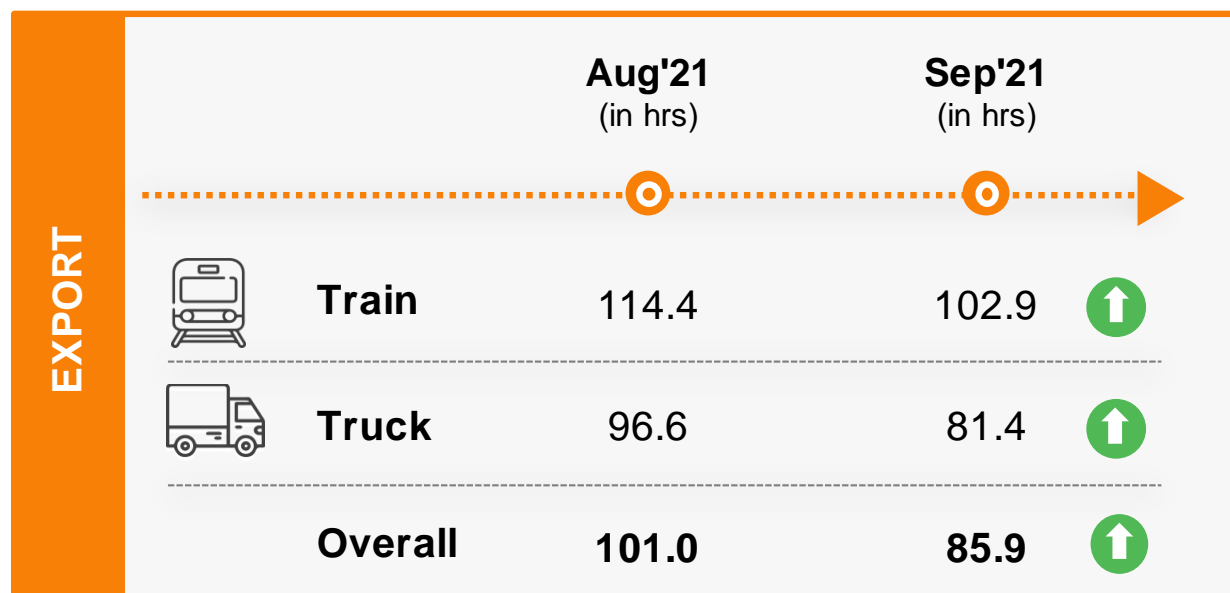
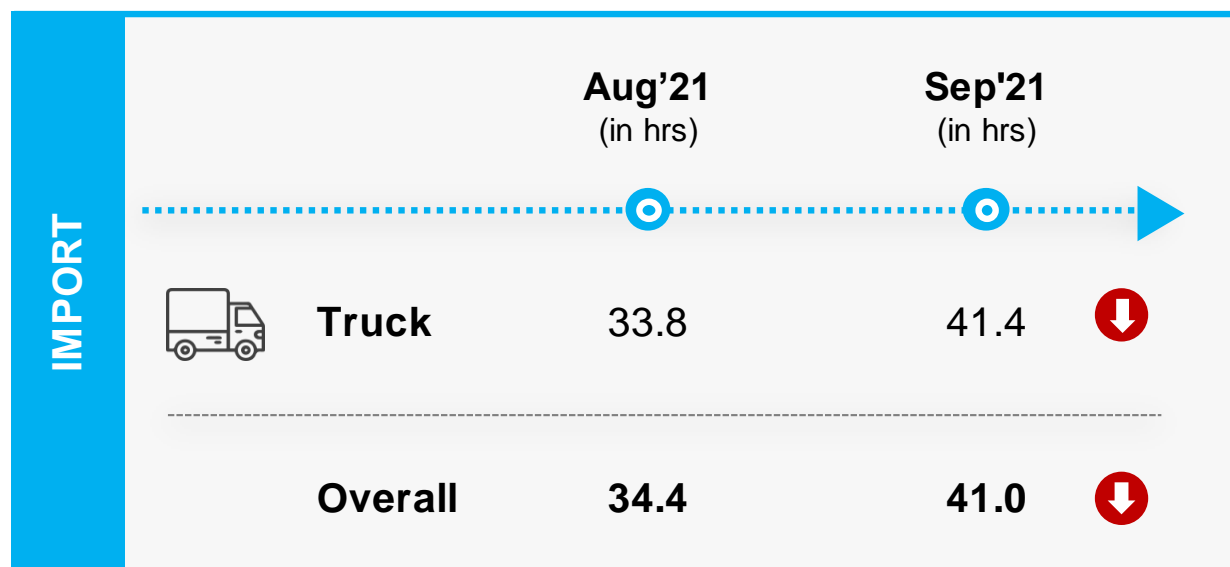


Note: The performance benchmarking is based on performance index ↑↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Aug'21

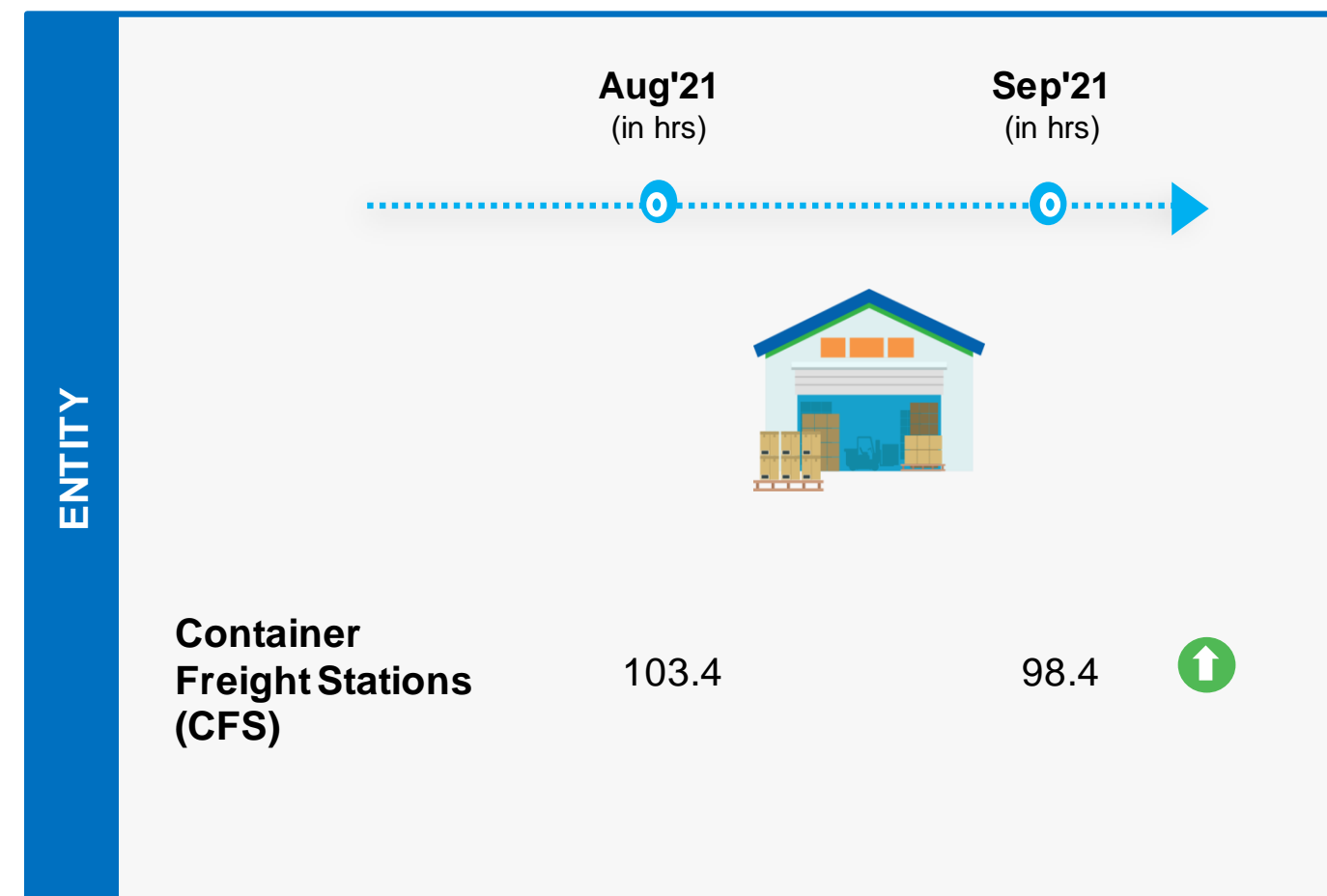
Kindly refer to Annexure section for the names of CFS

Container Transportation Performance - Southern Corridor

Port Dwell Time



Container Freight Stations(CFS)– Dwell Time



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

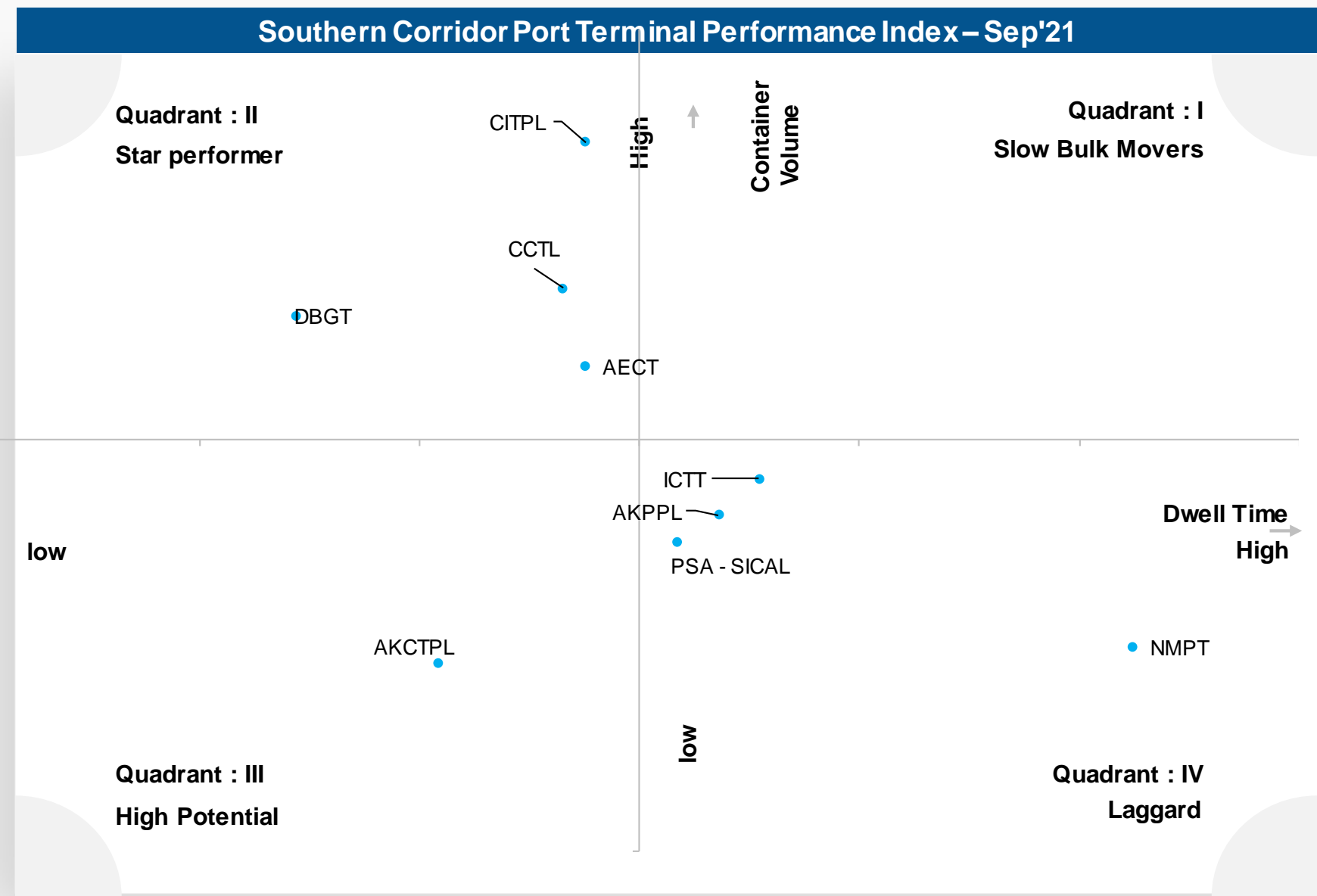
↓ The marked entries showcase decrease in performance in comparison to Aug'21

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 Sep'21

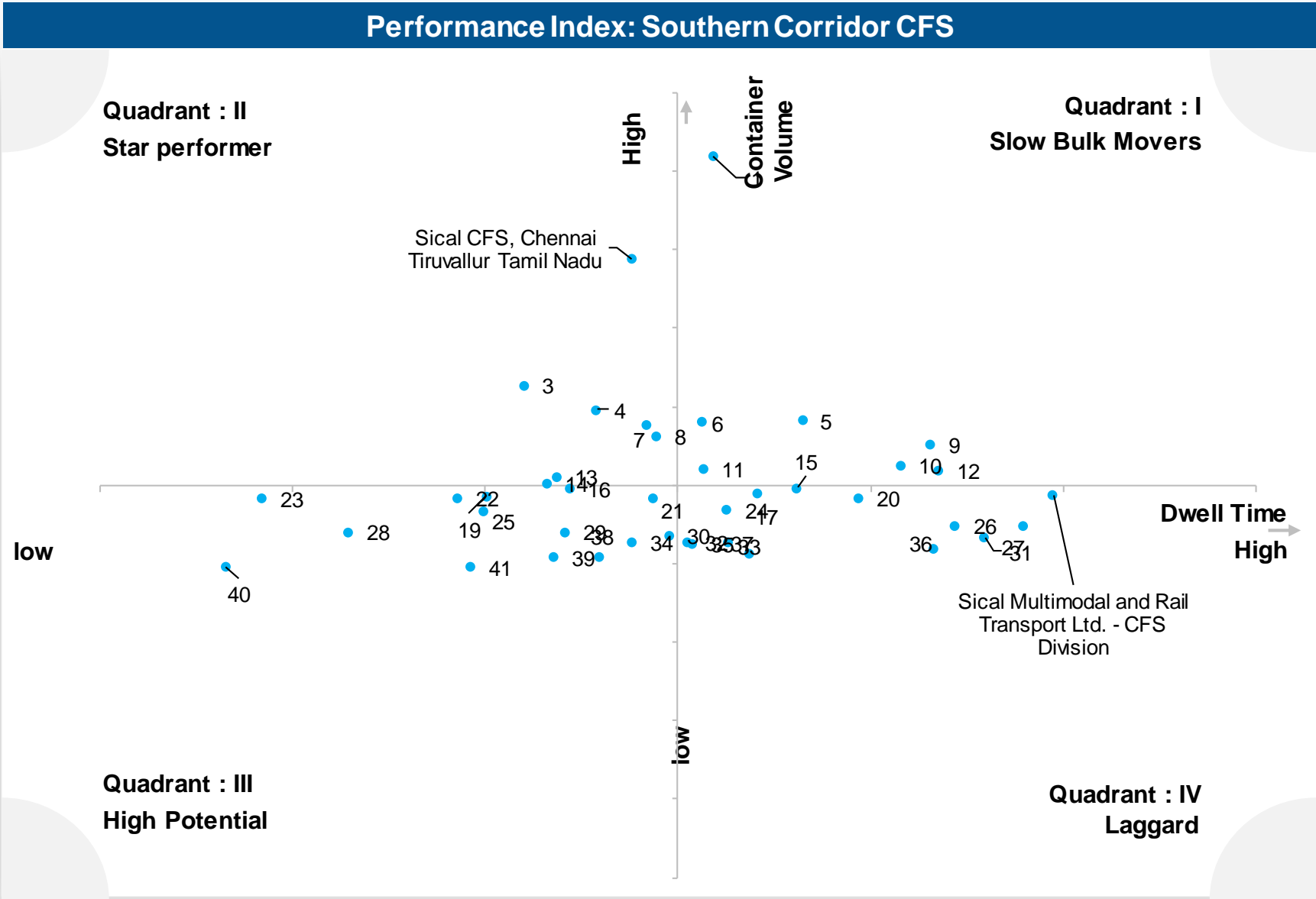
Top Performing Terminal		
Chennai International Terminals Pvt Ltd (CITPL)		
Aug'21	Sep'21	
64.0 hrs	63.8 hrs	
Low Performing Terminal		
New Mangalore Port Trust		
Aug'21	Sep'21	
111.3 hrs	117.3 hrs	

Note: The performance benchmarking is based on performance index

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

Top Performing Terminal	
Sical CFS, Chennai Tiruvallur Tamil Nadu	
Aug'21	Sep'21
106.9 hrs	93.8 hrs
↑	
Low Performing Terminal	
Sical Multimode and Rail Transport Ltd. – CFS Division	
Aug'21	Sep'21
139.2 hrs	158.9 hrs
↓	

Note: The performance benchmarking is based on performance index

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

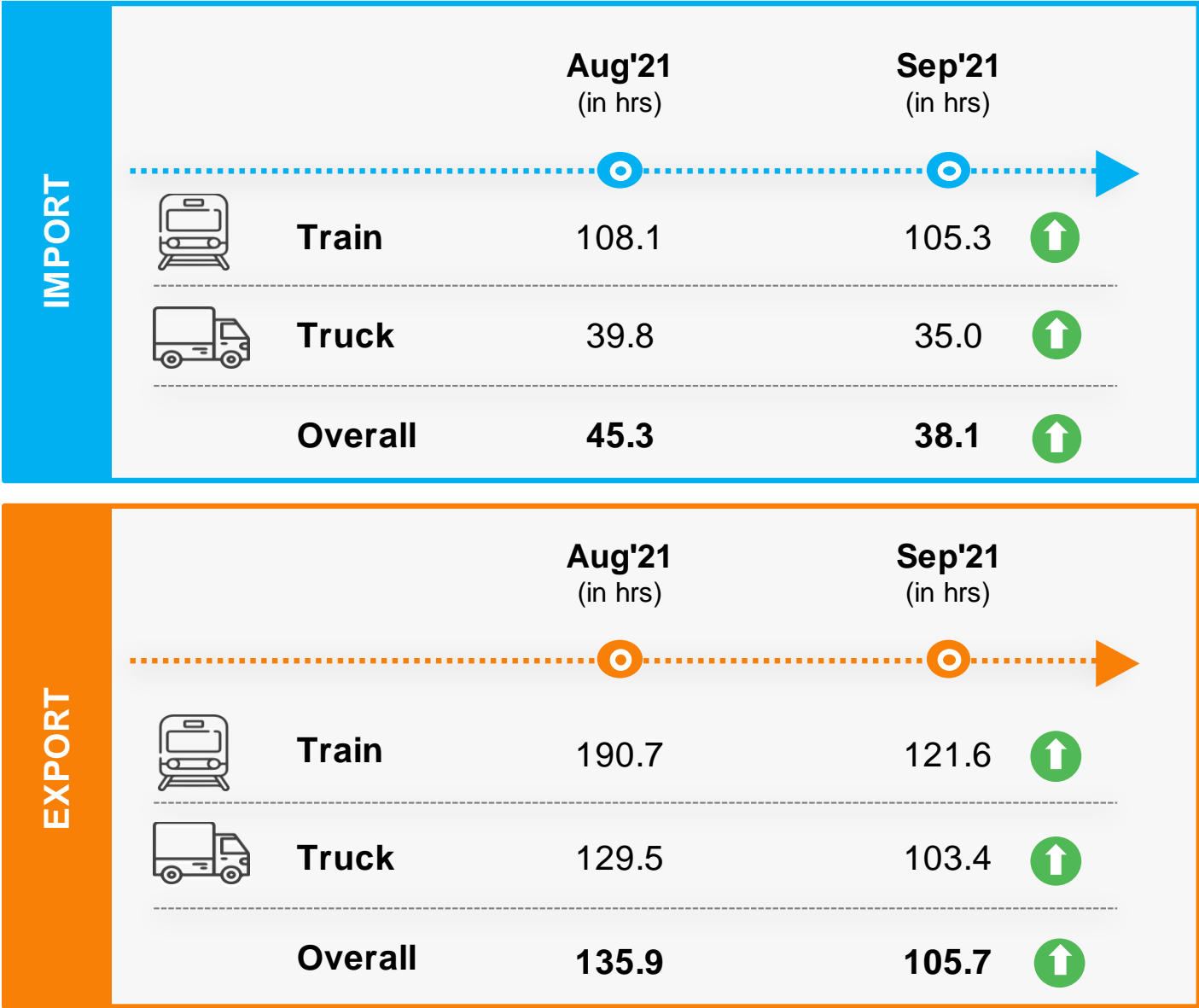
Consist of entities which have catered relatively lower container volume in lower dwell time

Laggard

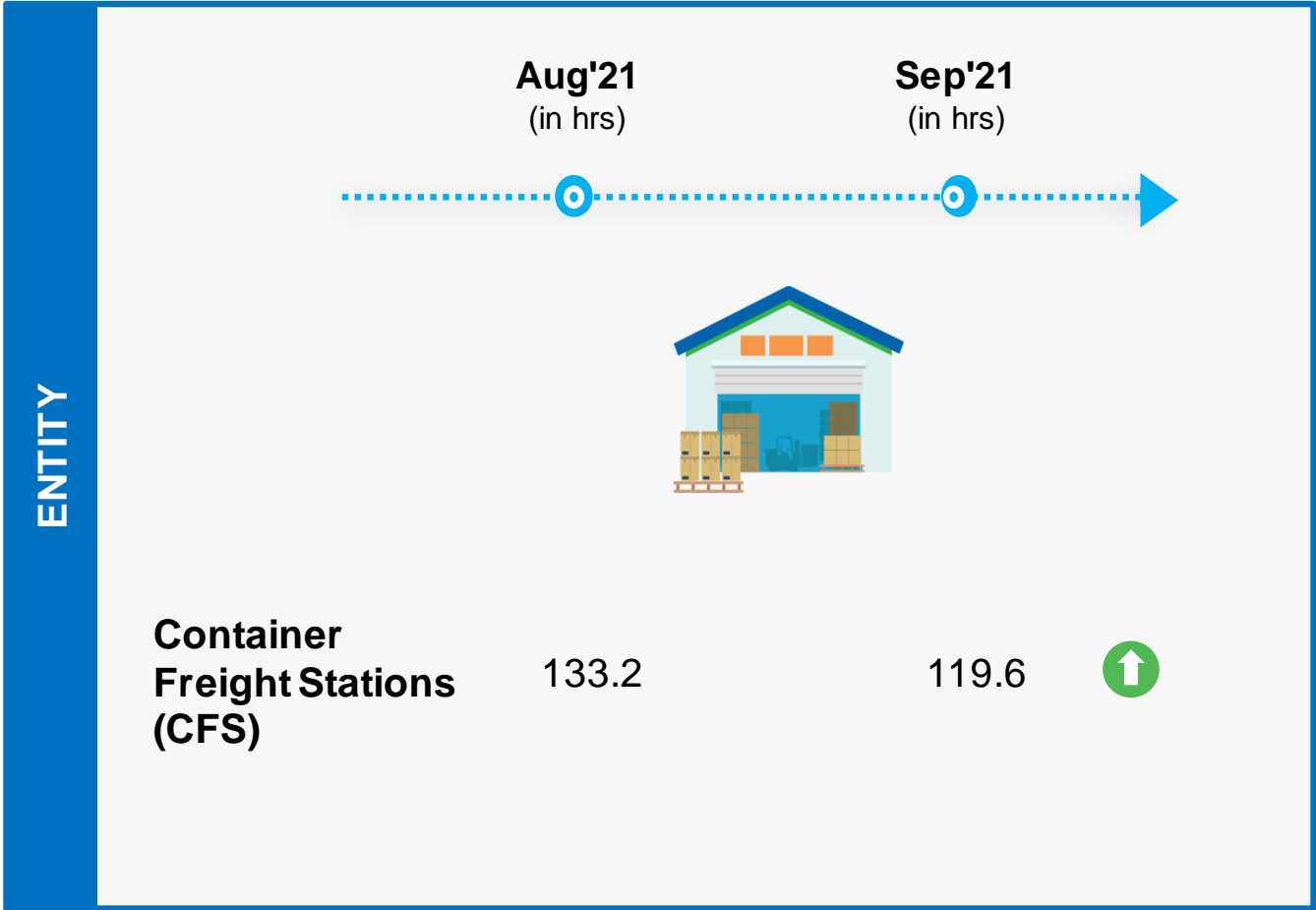
Consist of entities which have catered relatively lower container volume at higher dwell time

Container Transportation Performance - Eastern Corridor

Port Dwell Time



Container Freight Stations(CFS)– Dwell Time



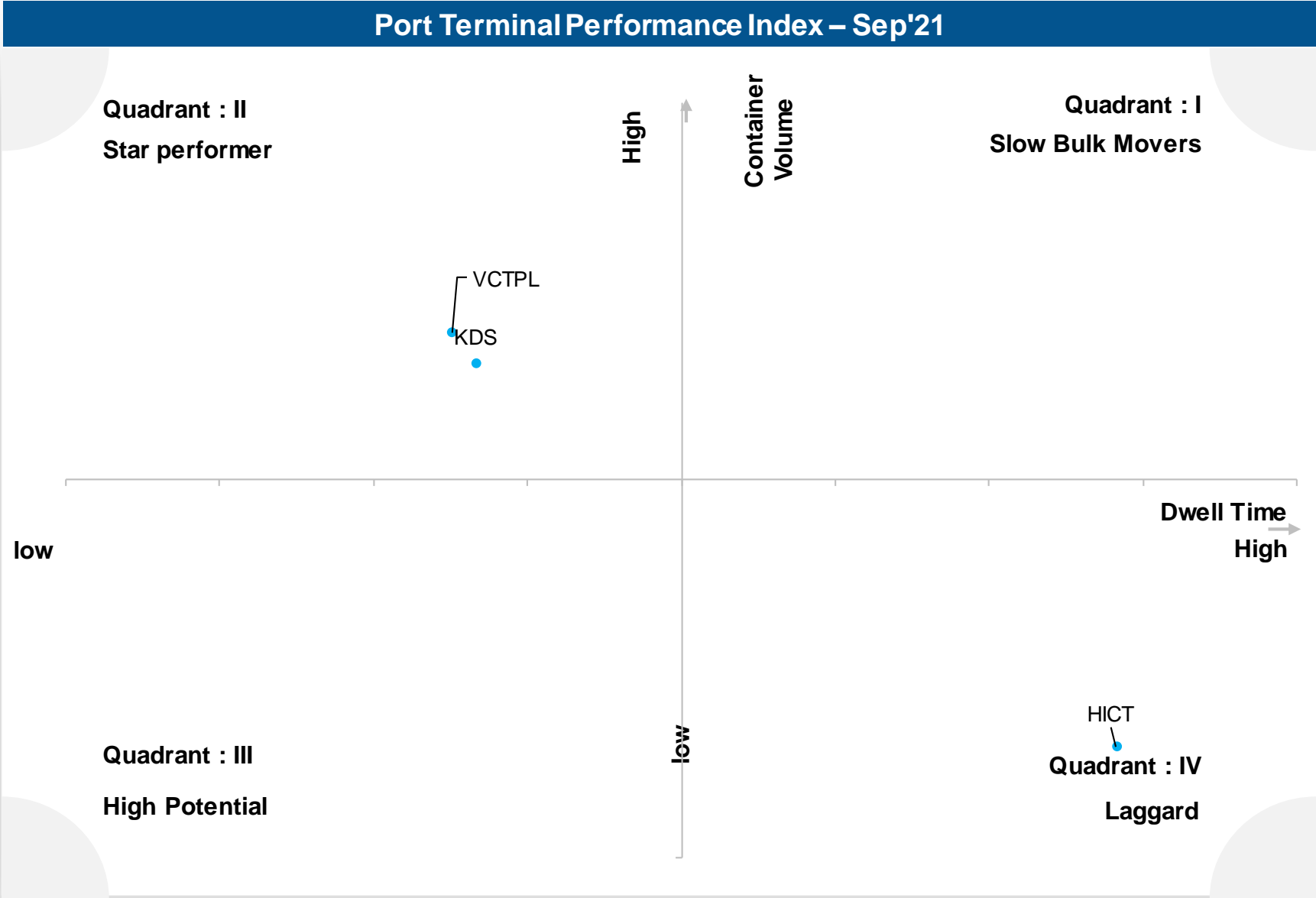
↑ The marked entries showcase increase in performance in comparison to Aug'21

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

Top Performing Terminal		
Visakha Container Terminal		
Aug'21	Sep'21	
86.2 hrs	61.0 hrs	
Low Performing Terminal		
Haldia International Container Terminal (HICT)		
Aug'21	Sep'21	
112.4 hrs	108.0 hrs	

Note: The performance benchmarking is based on performance index

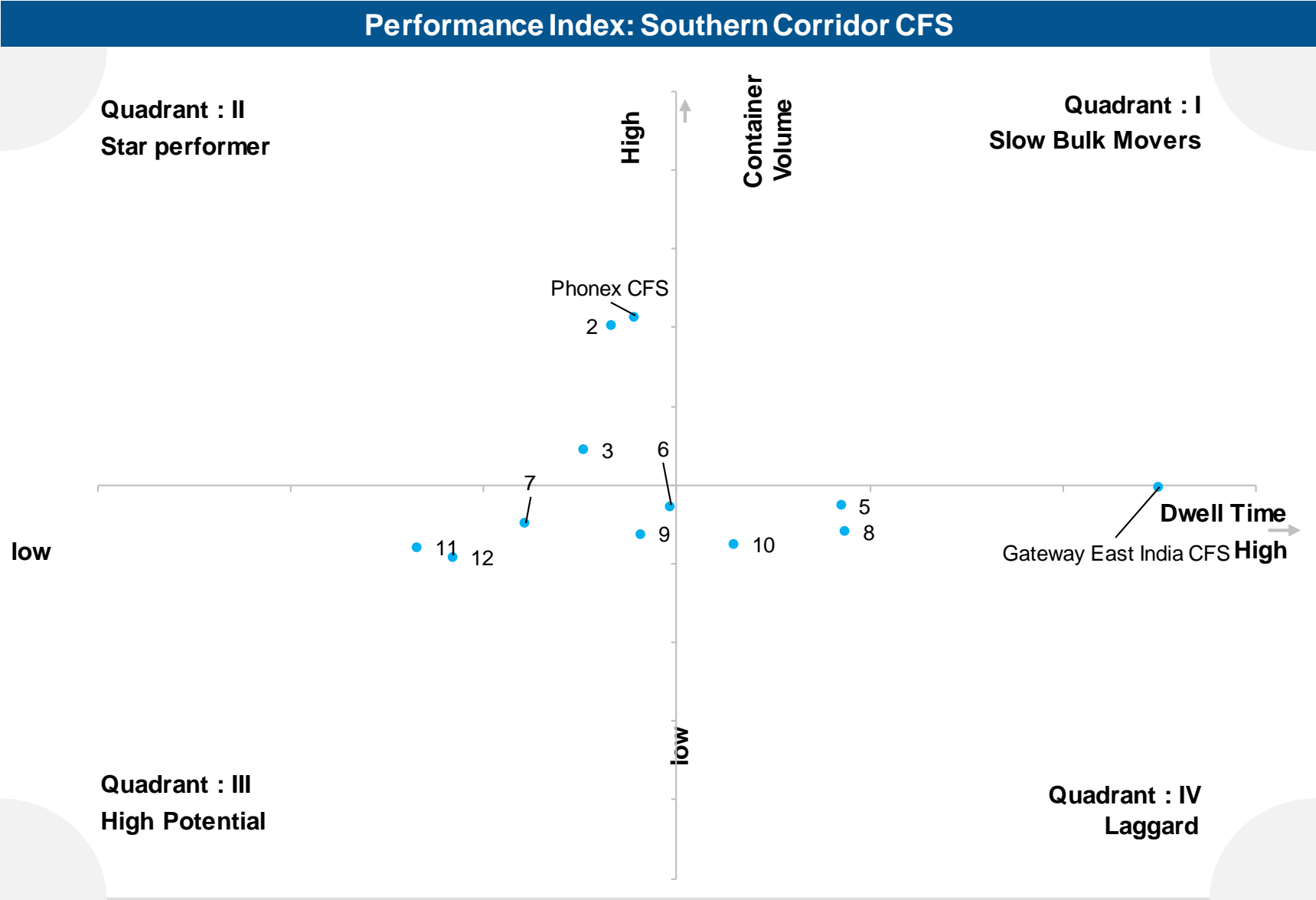
↑↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Aug'21

Performance Index - Summary	
<p>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</p>	
<p>Star Performer</p> <p>Consist of entities which have catered relatively high container volume in lower dwell time</p>	<p>Slow Bulk Movers</p> <p>Consist of entities which have catered higher container volume in higher dwell time</p>
<p>High Potential</p> <p>Consist of entities which have catered relatively lower container volume in lower dwell time</p>	<p>Laggard</p> <p>Consist of entities which have catered relatively lower container volume at higher dwell time</p>

CFS Performance Benchmarking & Performance Index - Eastern Corridor



Performance Benchmarking - CFSs



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

Top Performing Terminal	
Phonex CFS	
Aug'21	Sep'21
129.3 hrs	117.2 hrs
↑	
Low Performing Terminal	
Gateway East India CFS	
Aug'21	Sep'21
173.4 hrs	163.5 hrs
↑	

Note: The performance benchmarking is based on performance index

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

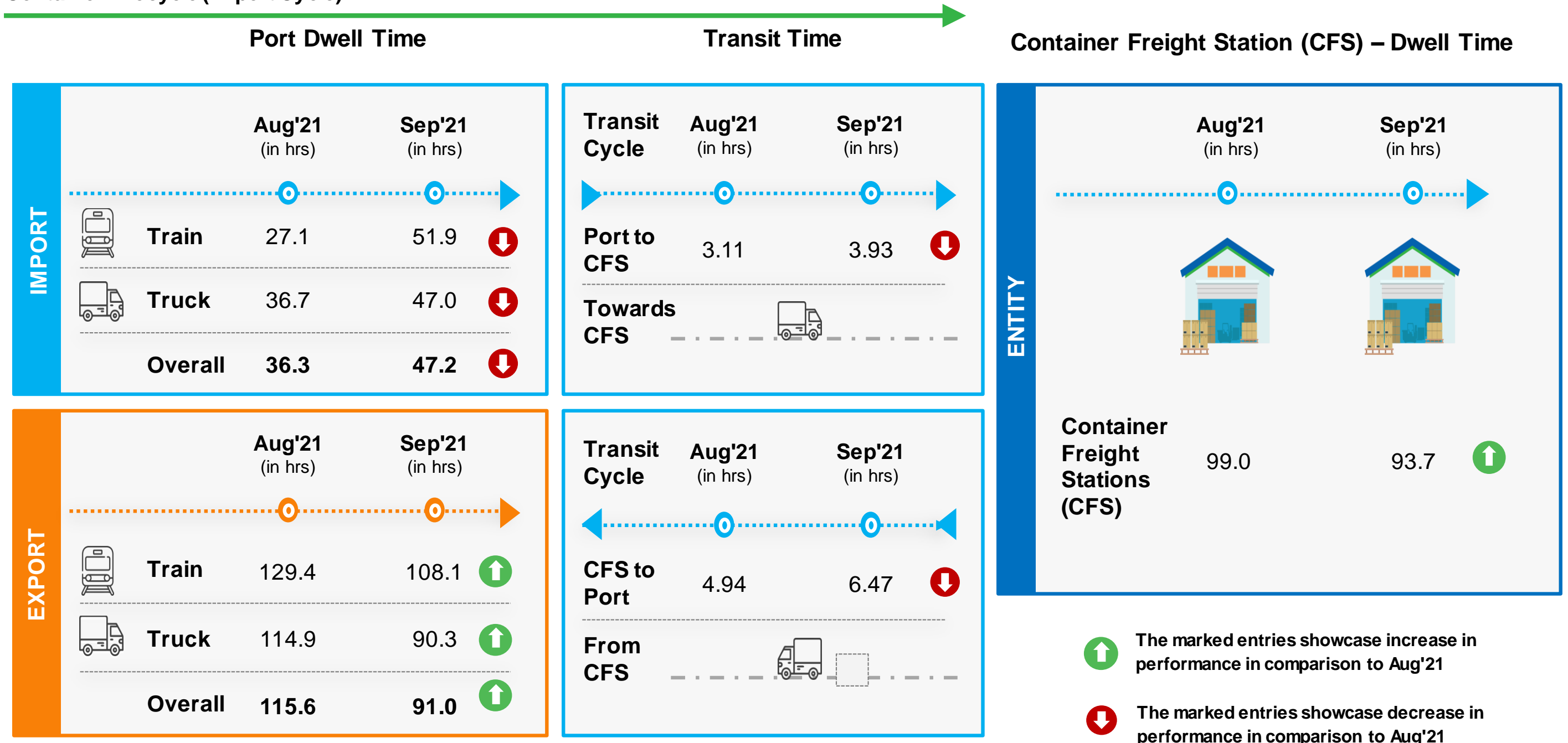
Kindly refer to Annexure section for the names of CFS

Annexure



Chennai Port Terminals: Container Transportation

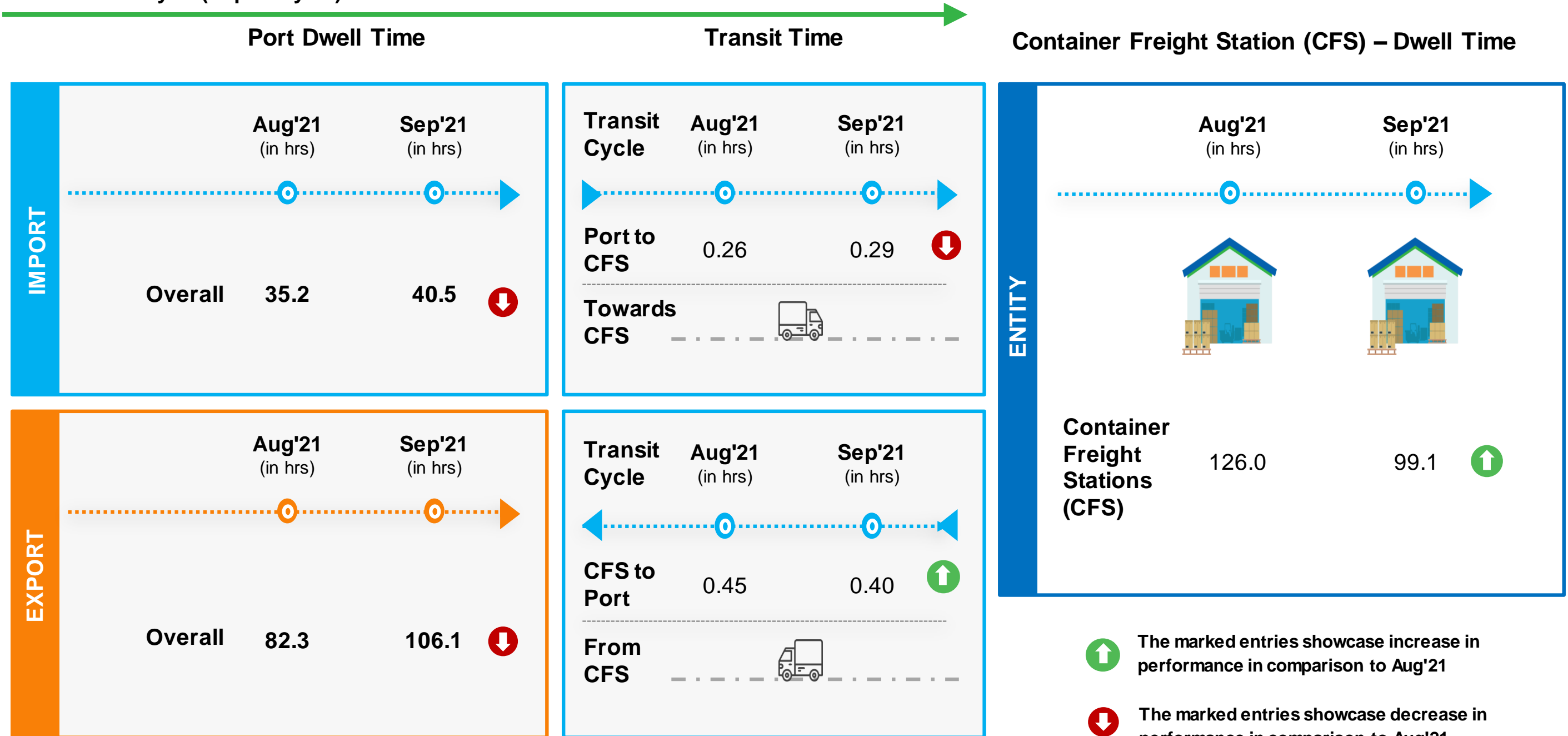
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Kochi Port Terminal: Container Transportation

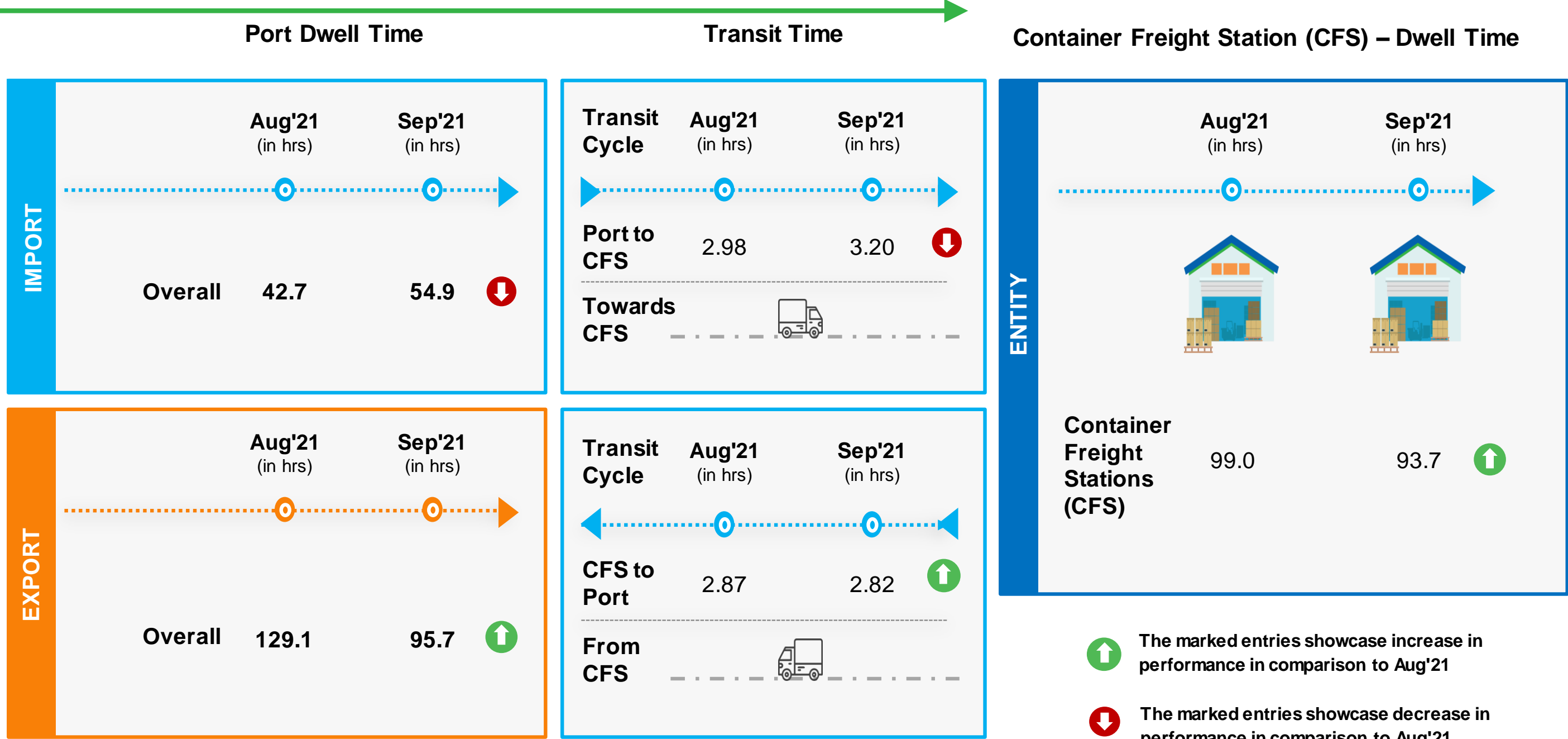
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Kattupalli Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)

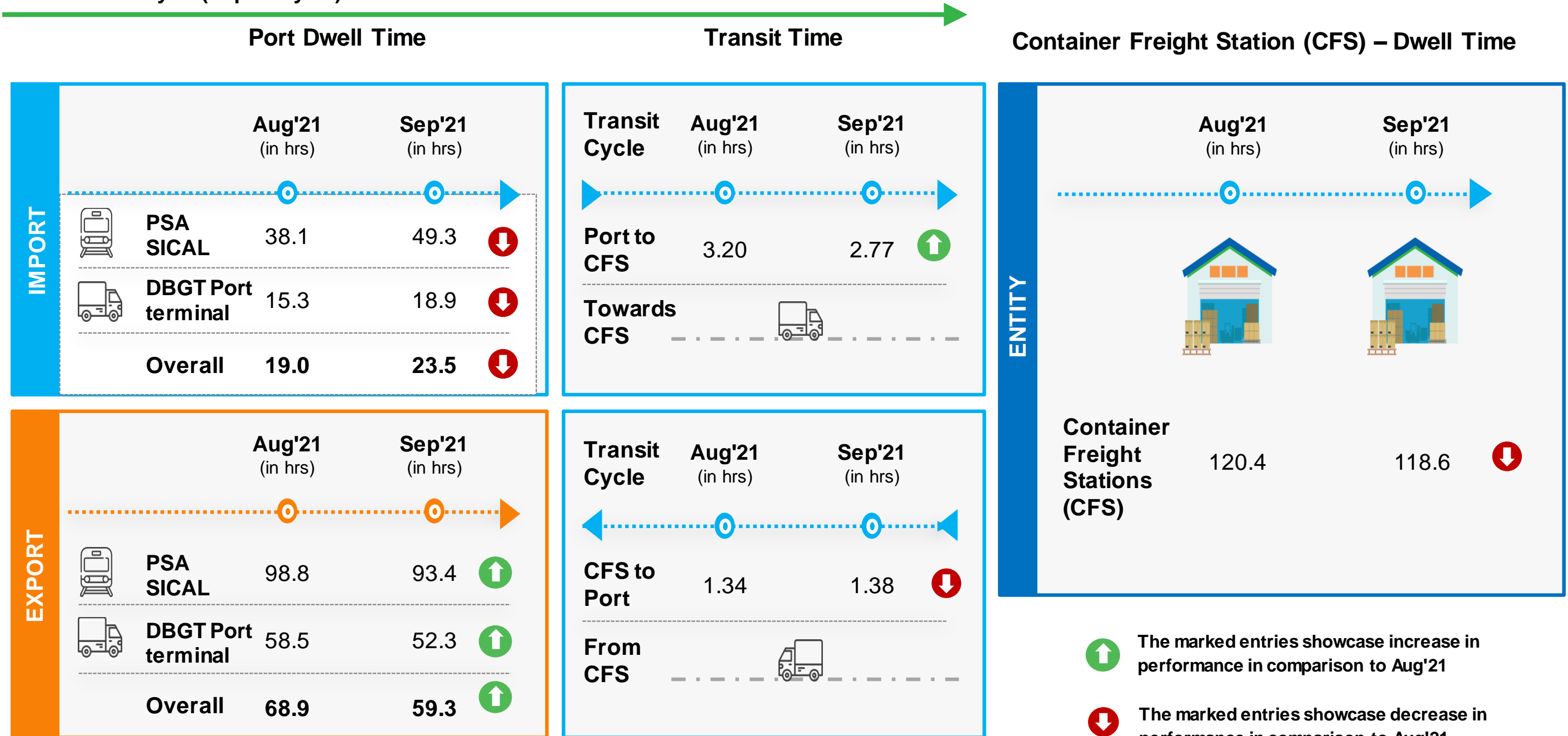


- ↑ The marked entries showcase increase in performance in comparison to Aug'21
- ↓ The marked entries showcase decrease in performance in comparison to Aug'21

Container Lifecycle (Export Cycle)

Tuticorin Port Terminal: Container Transportation

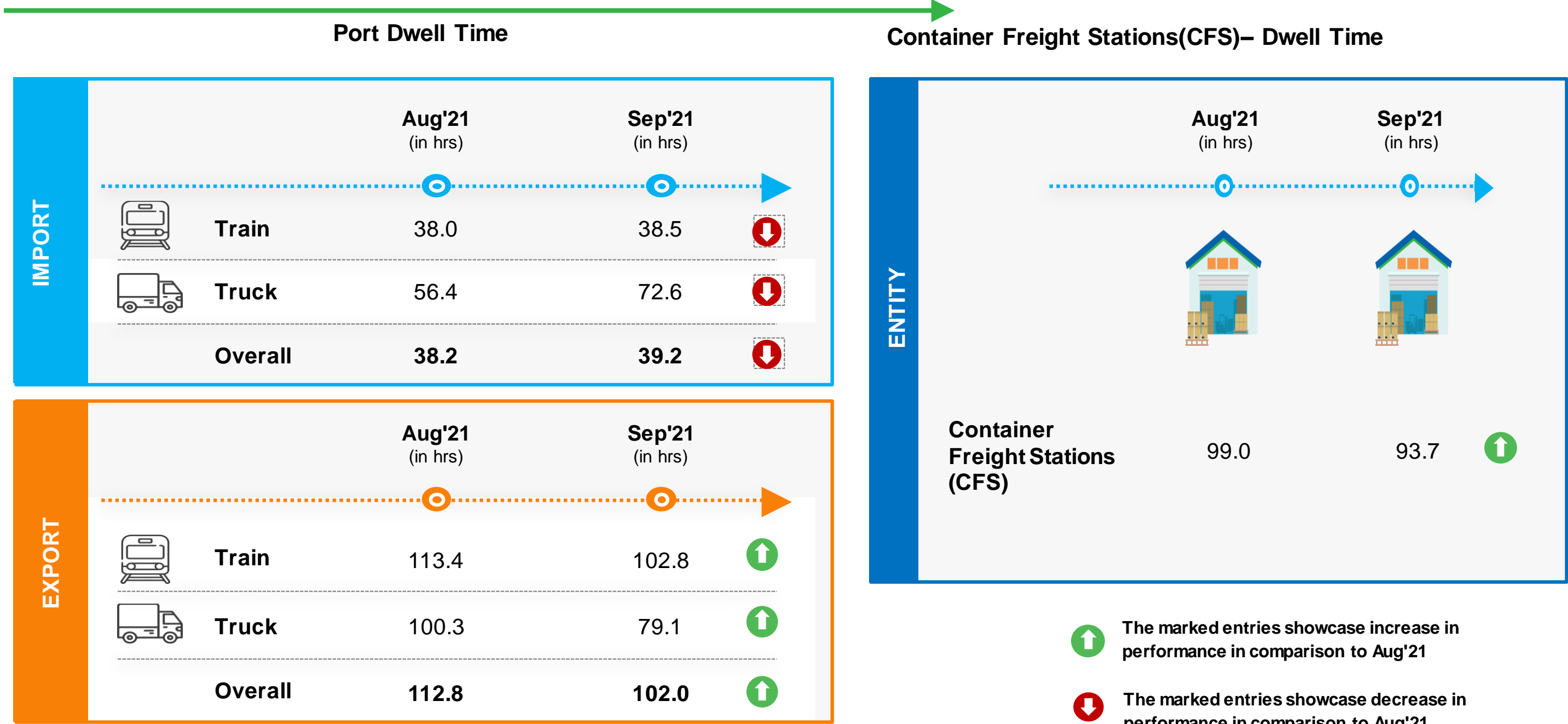
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Ennore Port Terminal: Container Transportation

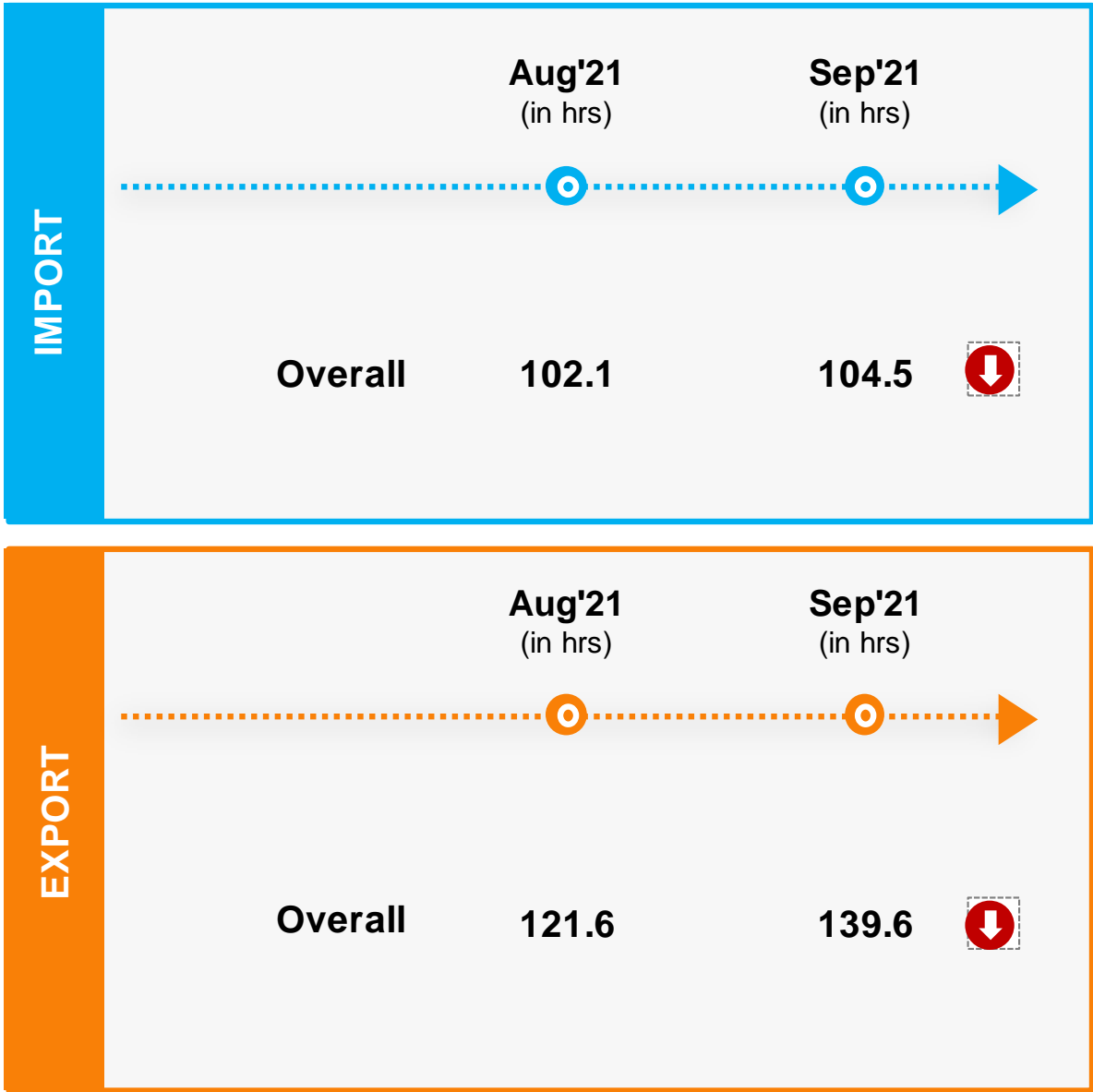
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

New Mangalore Port Terminal: Container Transportation

Port Dwell Time



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

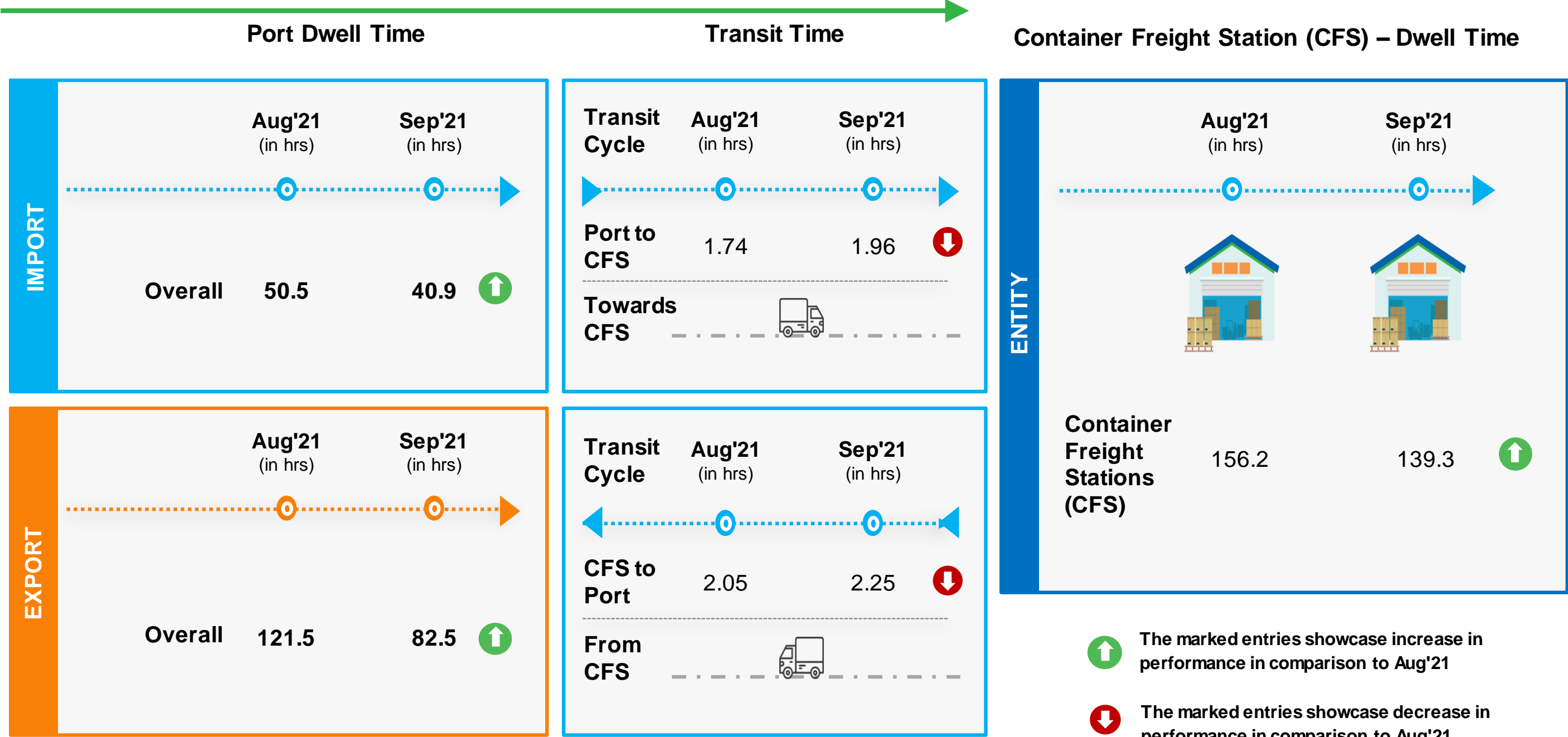
↓ The marked entries showcase decrease in performance in comparison to Aug'21



Individual Terminal Performance In Eastern Corridor

Vishakhapatnam Port Terminal: Container Transportation

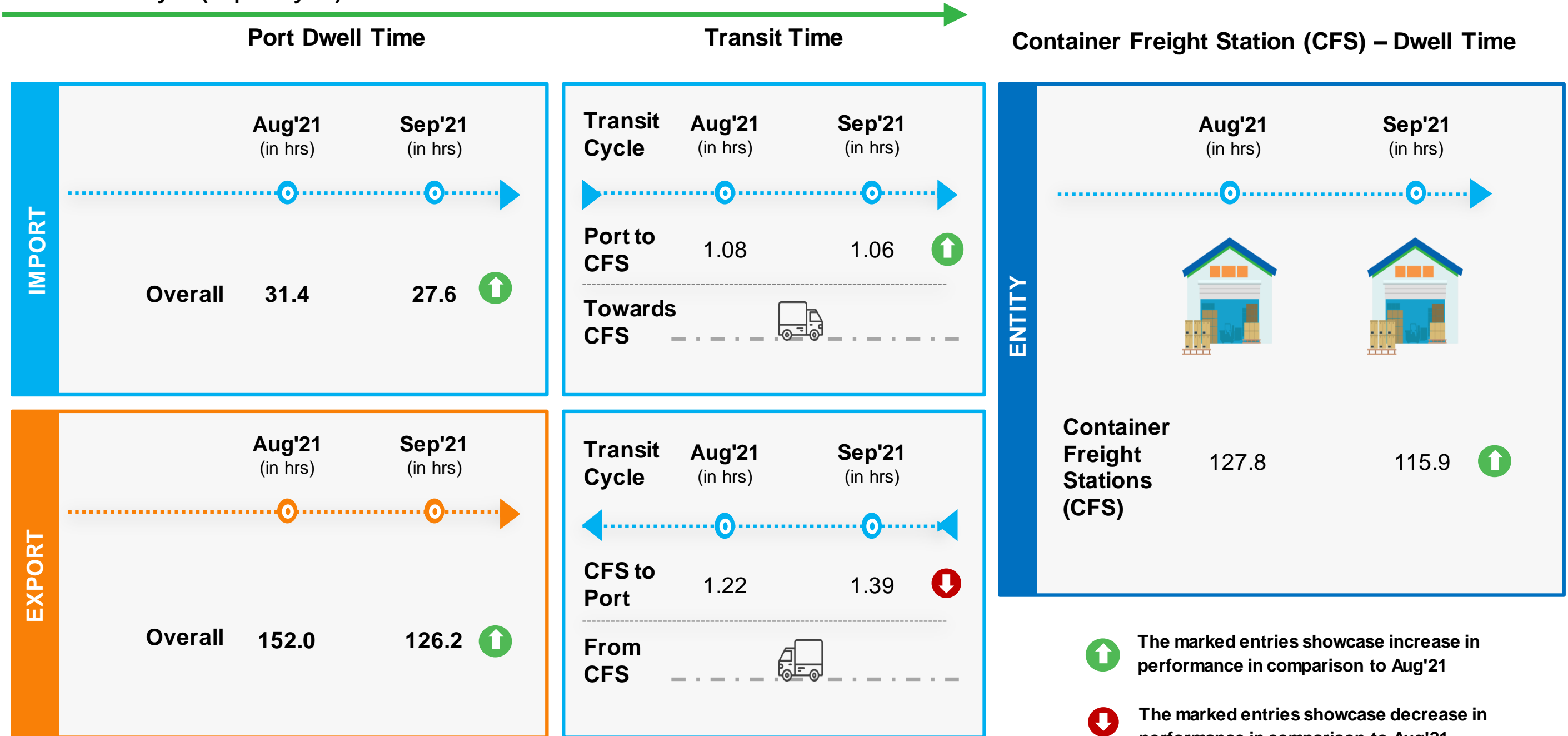
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Kolkata Port Terminal: Container Transportation

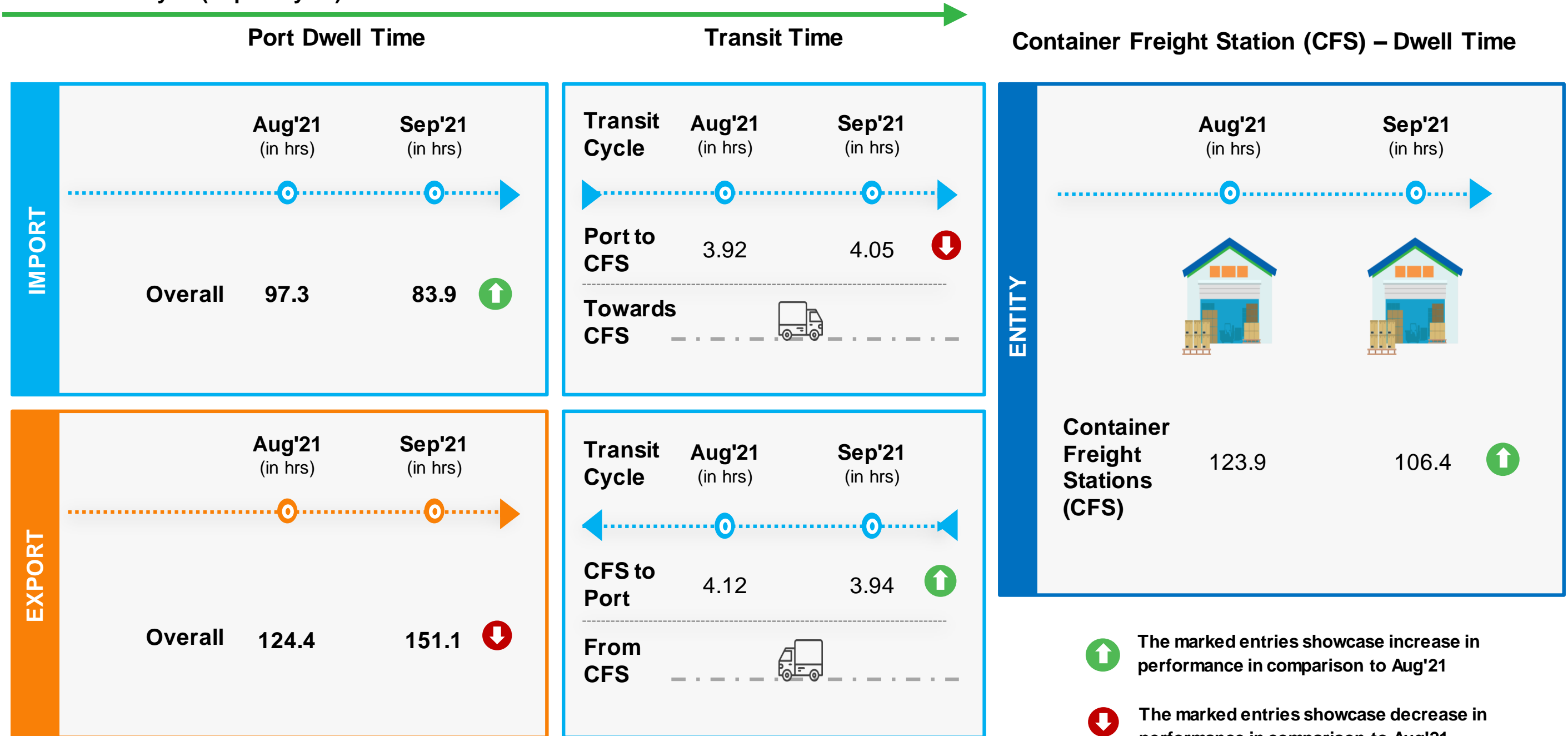
Container Lifecycle (Import Cycle)





Container Lifecycle (Export Cycle)

Haldia Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



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

Container Lifecycle (Export Cycle)

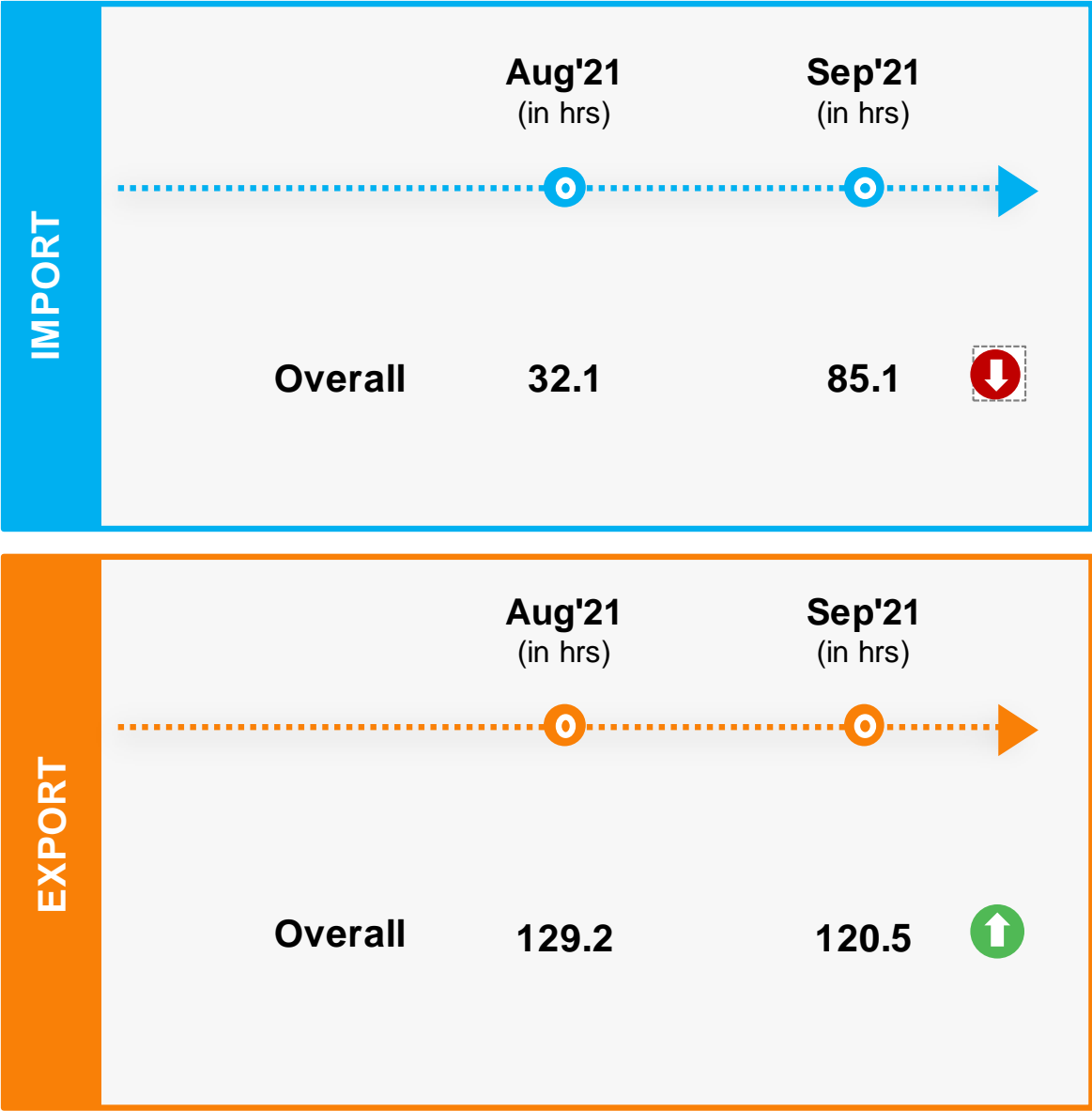


Individual Terminal Performance In Western Corridor



Kandla Port Terminal: Container Transportation

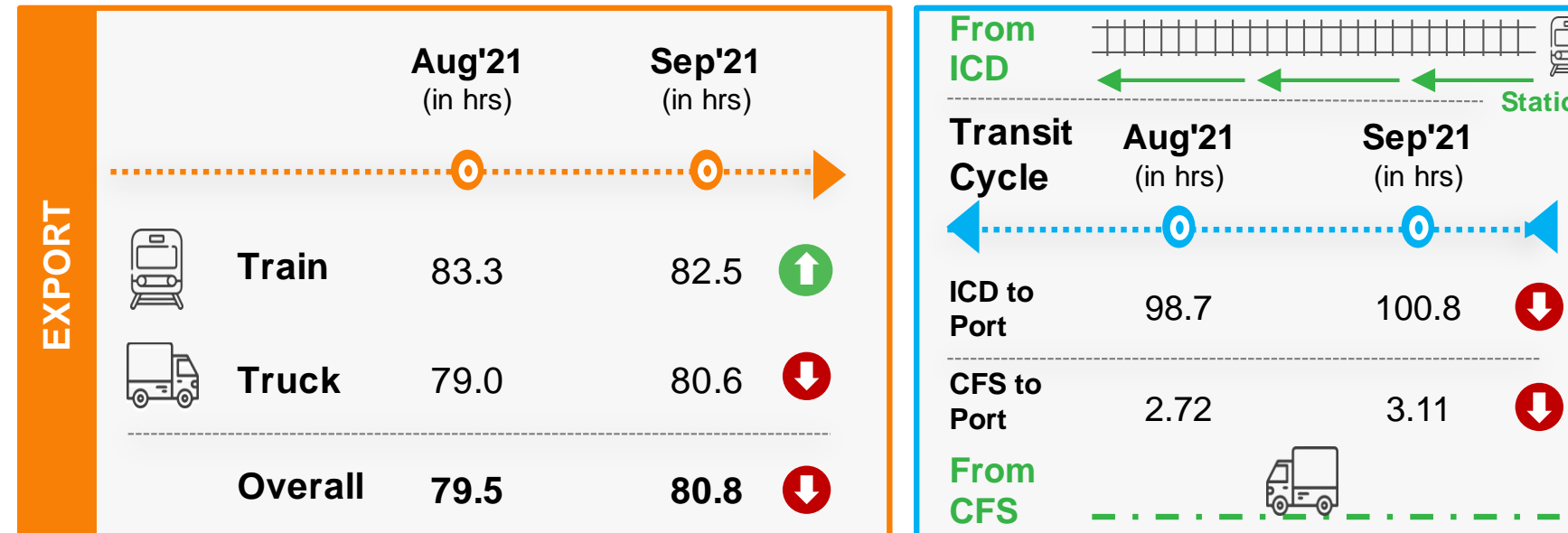
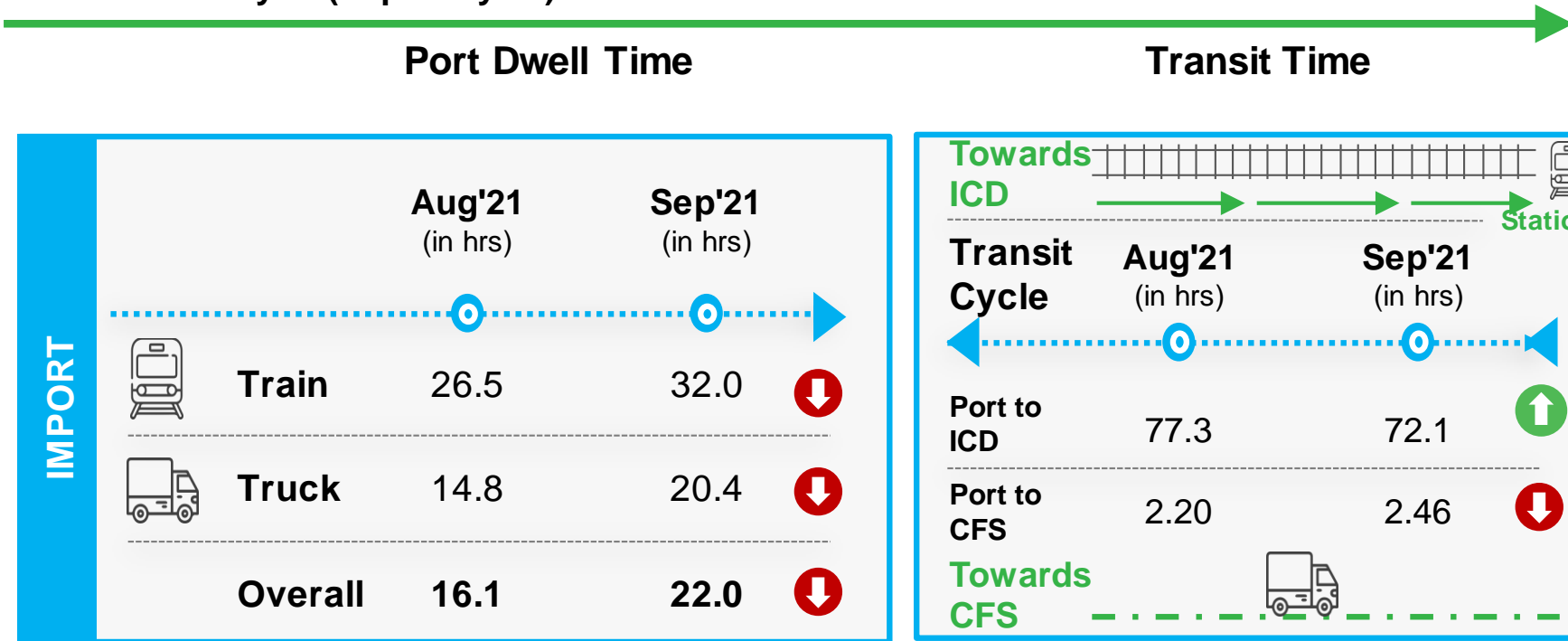
Port Dwell Time



- ↑ The marked entries showcase increase in performance in comparison to Aug'21
- ↓ The marked entries showcase decrease in performance in comparison to Aug'21

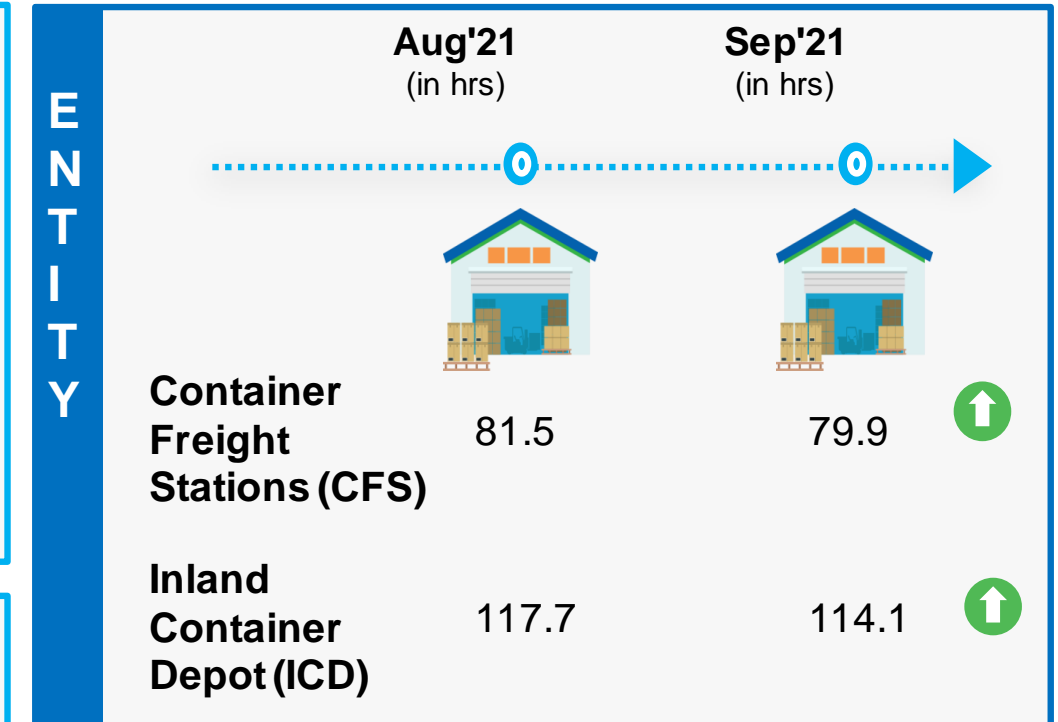
Container Transportation- JNPT Port Terminals

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Container Freight Station (CFS) / Inland Container Depot (ICD) – Dwell Time



Volume distribution at port terminal – Truck/Rail

	Import	Export
Rail	17%	21%
Truck	83%	79%



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



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

Container Transportation- JNPT Port Terminals

%IMPORT CYCLE DWELL TIME (Sep'21 – in hrs)				
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	22.0	37%	↓
	Port Dwell Time for Truck Bound Containers	20.4	38%	↓
	Port Dwell time for Train Bound Containers	32.0	21%	↓
	Port Dwell time Direct Port Delivery (DPD) containers	34.9	2%	↓
	Port Dwell time Containers bound for CFS	17.0	31%	↓
	Port Dwell for Empty Containers	31.7	53%	↓
	Port Dwell for Laden Containers	20.0	32%	↓
Transit time	Port to ICD	72.1	7%	↑
	Port to CFS	2.46	12%	↓

Compared
to Aug'21

EXPORT CYCLE DWELL TIME (Sep'21– in hrs)				
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	80.8	2%	↓
	Port Dwell Time for Truck Bound Containers	80.6	2%	↓
	Port Dwell time for Train Bound Containers	82.5	1%	↑
	Port Dwell time Direct Port Entry (DPE) containers	84.8	4%	↓
	Port Dwell time Containers bound from CFS	80.3	1%	↓
	Port Dwell for Empty Containers	72.2	4%	↓
	Port Dwell for Laden Containers	82.8	1%	↓
Transit time	ICD to Port	100.8	2%	↓
	CFS to Port	3.11	14%	↓

Compared
to Aug'21



The arrows depict increase/decrease in performance of the stakeholders in comparison to Aug'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	Aug'21 (in hrs)	Sep'21 (in hrs)
Overall Parking Plaza	5.20	5.86

Container Handled: Day wise (Sep'21)

Parking Plaza	Within 6 hrs	Within 6- 24 hrs	More than 24 hrs
JNPT Central Parking Plaza	51%	45%	4%

Parking Plaza Gate Out – Terminal In

Mode	Aug'21 (in hrs)	Sep'21 (in hrs)
Overall Parking Plaza to JNPT Port	1.08	1.51

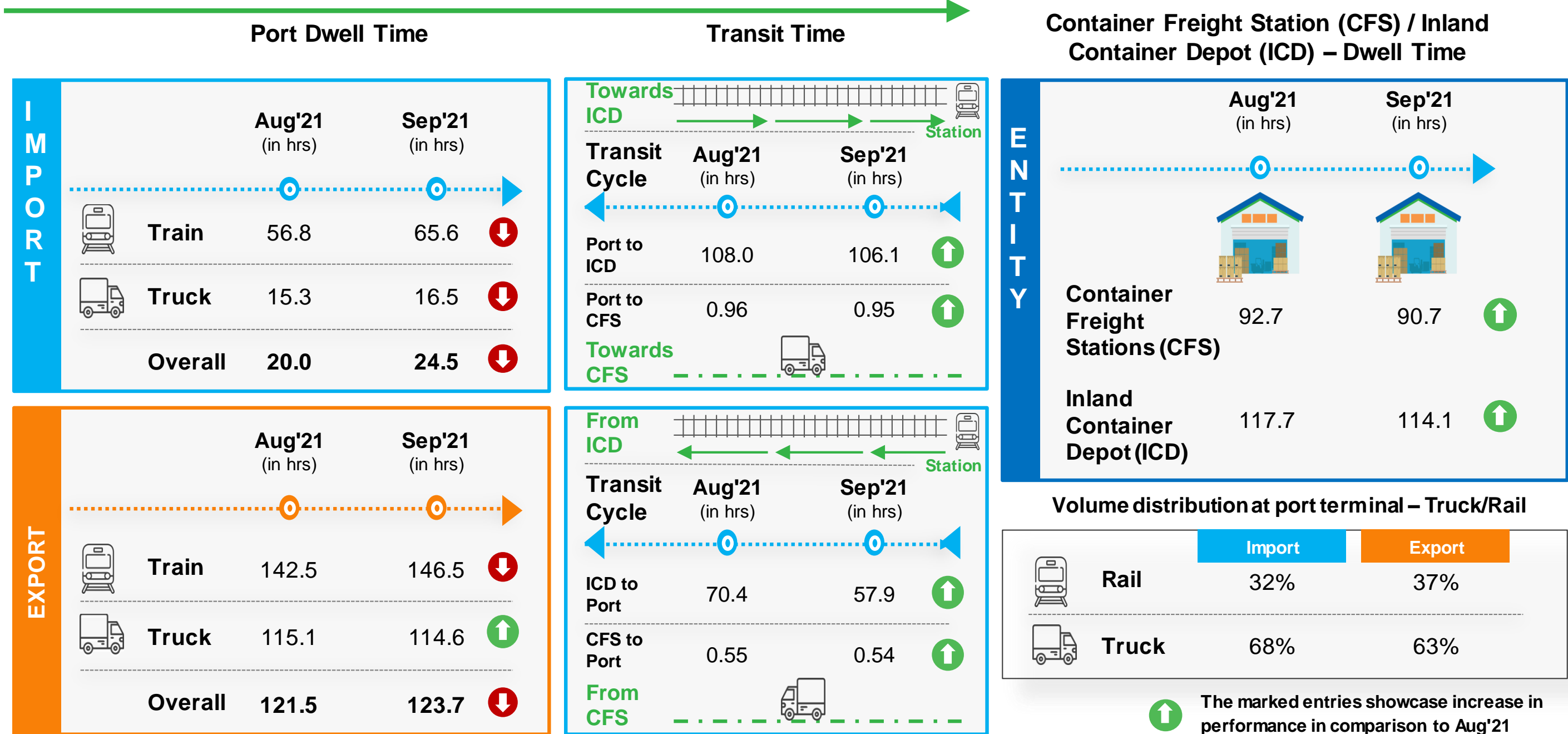
Port	Aug'21 (in hrs)	Sep'21 (in hrs)
JNPCT	1.3	0.9
NSICT	0.7	1.1
GTI	0.9	1.9
NSIGT	0.9	1.3
BMCT	2.4	1.9

Container Handled: Day wise (Sep'21)

Port Terminals	Within 6 hrs	Within 6- 24 hrs	More than 24 hrs
JNPCT	88%	11%	1%
NSICT	93%	6%	1%
GTI	91%	8%	1%
NSIGT	92%	7%	1%
BMCT	94%	5%	1%

Gujarat Port Terminals : Container Transportation

Container Lifecycle (Import Cycle)



Container Transportation- Gujarat Port Terminals

IMPORT CYCLE DWELL TIME (Sep'21– in hrs)				
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	24.5	23%	↓
	Port Dwell Time for Truck Bound Containers	16.5	8%	↓
	Port Dwell time for Train Bound Containers	65.6	15%	↓
Transit time	Port to ICD	106.1	2%	↑
	Port to CFS	0.95	1%	↑

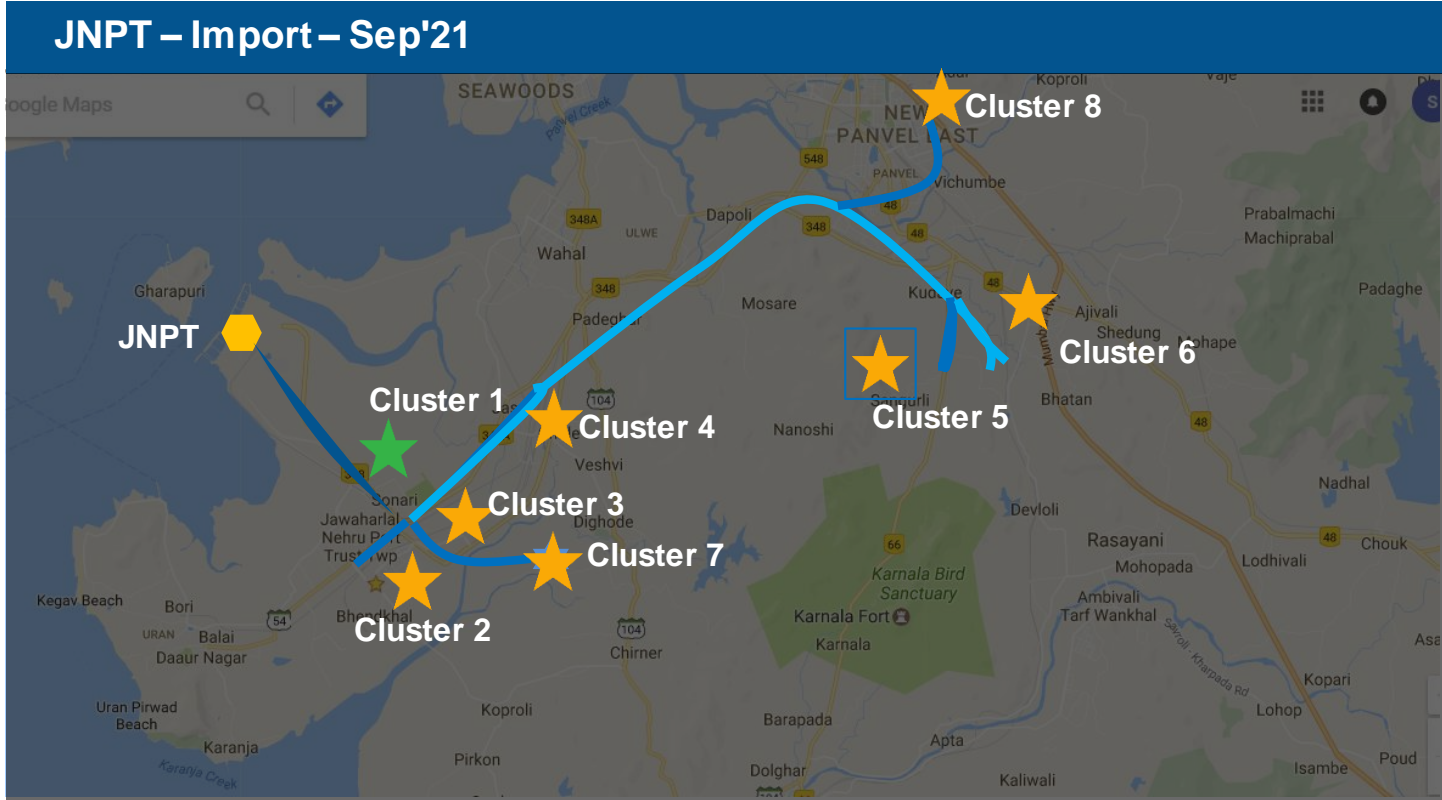
EXPORT CYCLE DWELL TIME (Sep'21– in hrs)				
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	123.7	2%	↓
	Port Dwell Time for Truck Bound Containers	114.6	1%	↑
	Port Dwell time for Train Bound Containers	146.5	3%	↓
Transit time	ICD to Port	57.9	18%	↑
	CFS to Port	0.54	2%	↑

Compared to Aug'21

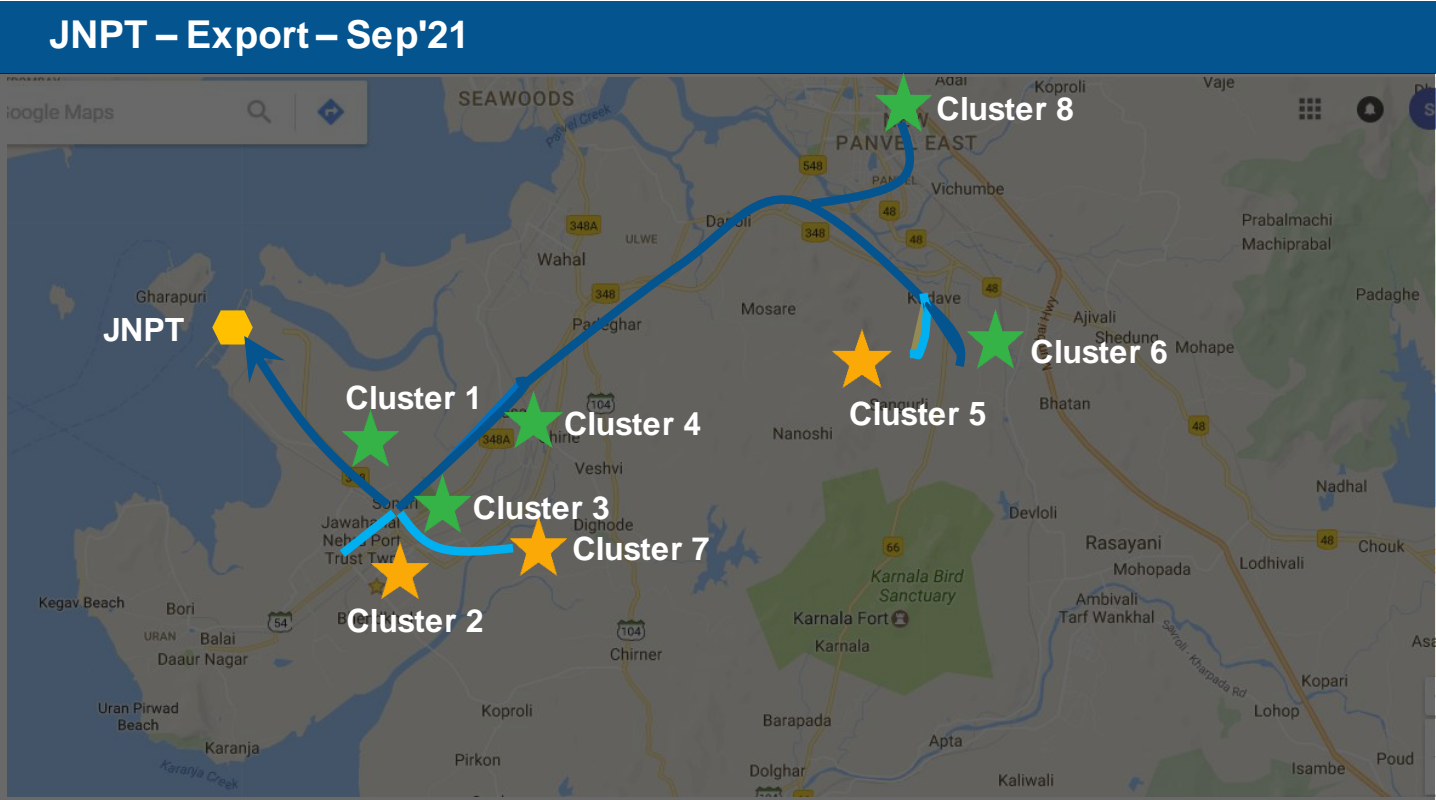


The arrows depict increase/decrease in performance of the stakeholders in comparison to Aug'21

JNPT Region: Congestion Analysis



Clusters with bottleneck	
Cluster 1	JNPT area
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
Cluster 8	Taloja, navi mumbai



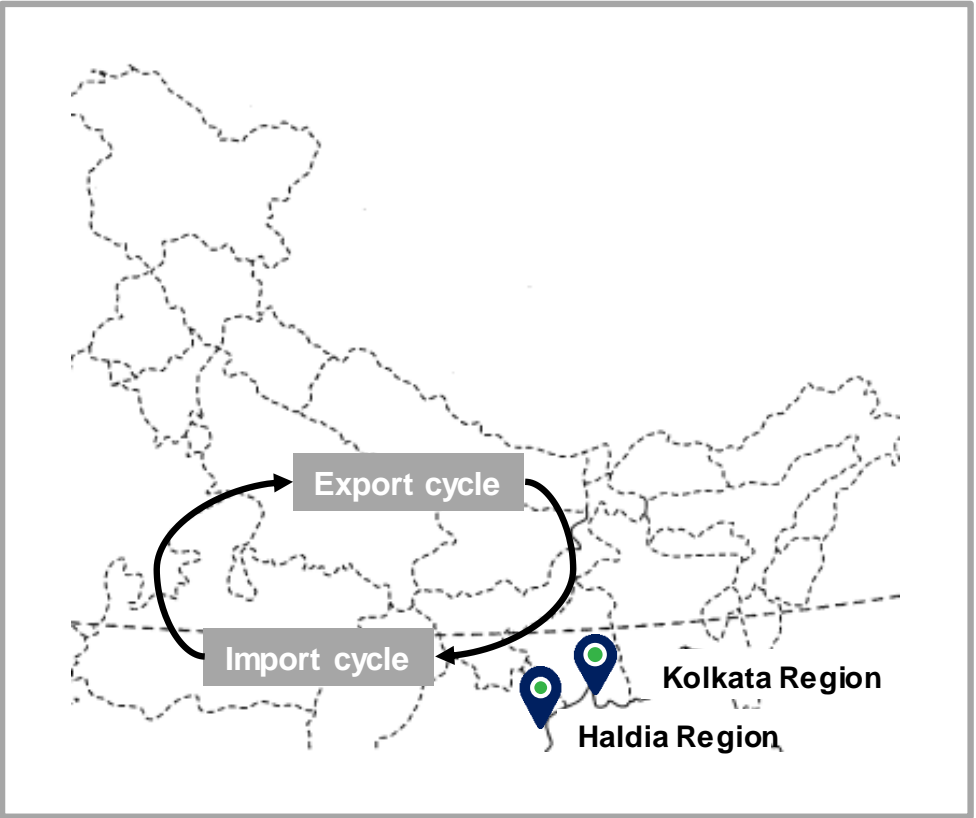
Clusters with bottleneck	
Cluster 1	JNPT area
Cluster 3	Sonari area, JNPT road
Cluster 4	Chirle area, JNPT road
Cluster 6	Salva apta rd area, bangalore highway
Cluster 8	Taloja, navi mumbai
Clusters without bottleneck	
Cluster 2	Bhendkhal area, khopate road
Cluster 5	Plaspa area, coach kanyakumari highway
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	92.6 hrs	112.8 hrs		Overall	471.8 hrs	412.6 hrs
	Road	135.3 hrs	112.8 hrs		Road	238.5 hrs	412.6 hrs
	Rail	57.9 hrs	-		Rail	506.2 hrs	-
Haldia Port Terminal				Haldia Port Terminal			
	Mode	ICP Raxaul	ICP Jogbani		Mode	ICP Raxaul	ICP Jogbani
	Overall	62.0 hrs	185.8 hrs		Overall	724.6 hrs	-

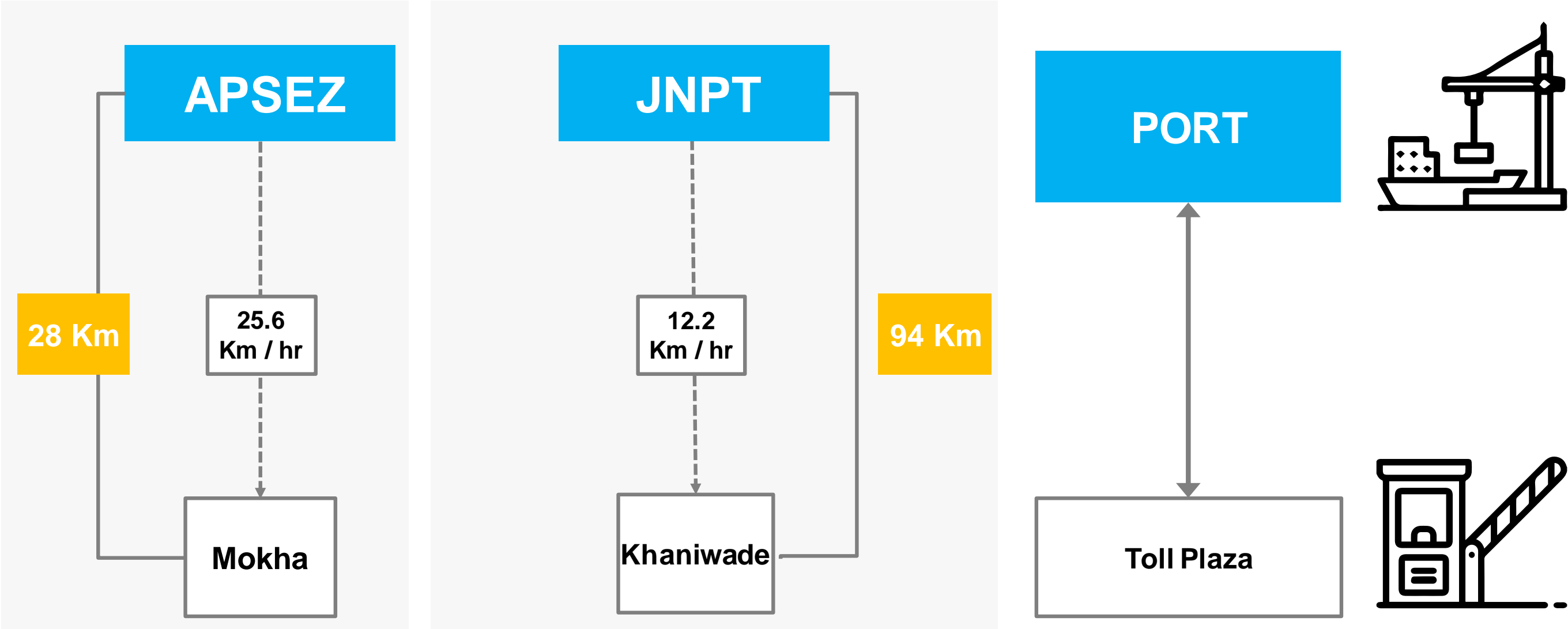


Due to Low volume in Export cycle at Haldia Port Terminal, for ICP Jogbani only ICP Raxaul has been showcased
 Also, There is no train bound containers available at ICP Jogbani for Import and Export Cycle.



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)		
				Jun'21	Aug'21	Sep'21
Western	Hazira	Boriach	77	15.1	10.7	11.4
Eastern	KOPT(Kolkata)	Dankuni	24	2.7	2.5	2.4
	HICT(Haldia)	Debra	100	5.8	4.4	6.7
		Jaladhulagori	101	8.3	6.5	5.0
Southern	Chennai	Surapattu	18	-	2.8	2.6
		Nallur	23	1.6	1.6	1.6
	Kochi	Kumbalam	13	0.9	0.6	0.6
		GIPL Palayekara	71	5.6	8.9	11.9
		Brahamarakotlu	25	2.2	2.9	2.9
	NMPT (New Manglore)	Talapady	22.5	1.5	2.0	1.4
		Gundmi	68	5.3	6.9	5.3
		Surapattu	36	-	6.9	9.4
	Kattupalli	Nallur	33	2.1	1.9	2.0
		Surapattu	35	-	3.2	6.8
	Ennore	Surapattu	35	-	3.2	6.8
	Tuticron	VoCPT CheckPost1	4.3	13.1	13.0	12.1

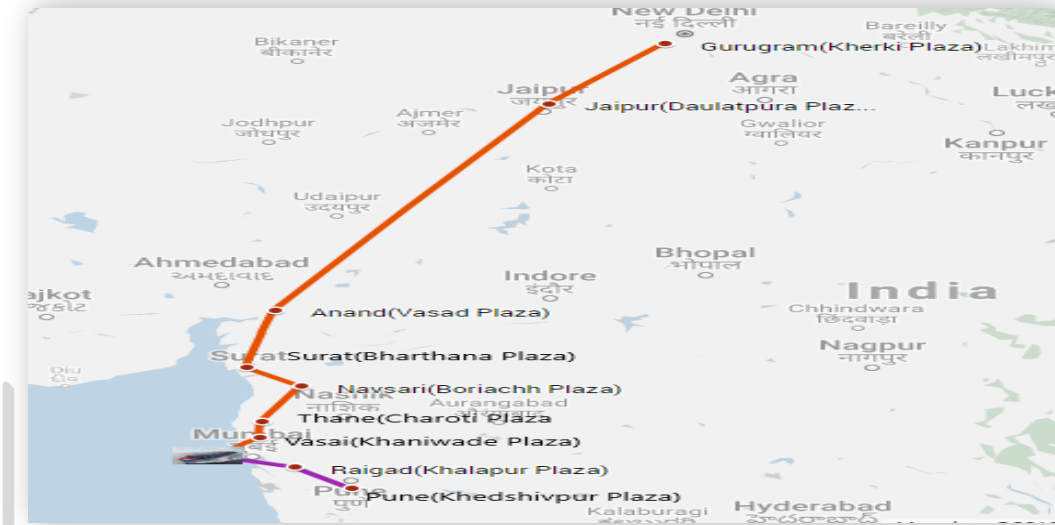
The analysis is based on the container travelling direct from port to toll, i.e. defined by the containers travelling from port to corresponding toll plaza with 2 days

Western Corridor Toll Plaza Analysis

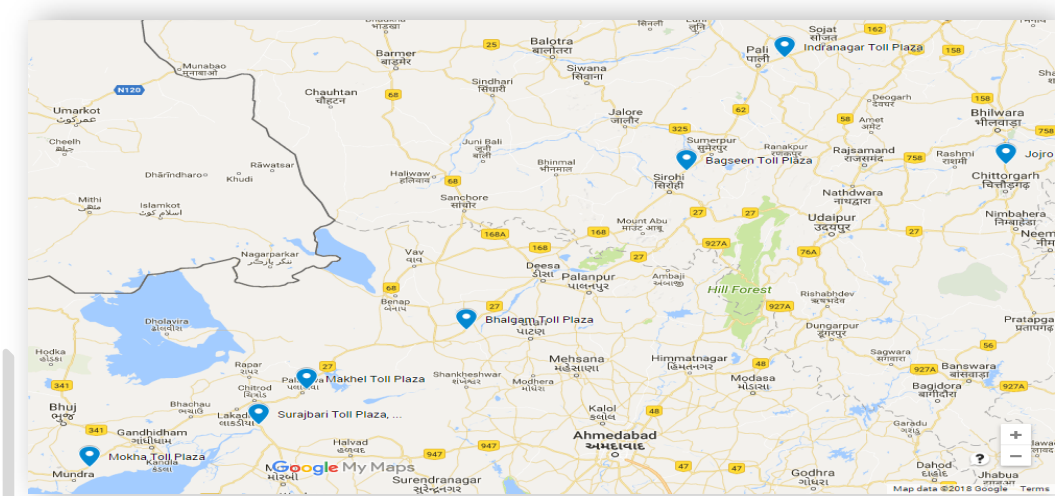
Avg. Speed between Toll to Toll Plazas

	Source	Destination Toll Plaza	Inter Distance (Km)	Aug'21 (in km/hrs)	Sep'21 (in km/hrs)
JNPT	JNPT	Khaniwade	94	11.6	12.2
	JNPT	Khalapur	60	14.4	-
	Khaniwade	Charoti	50	33.4	35.8
	Charoti	Boriach	126	27.9	28.2
	Boriach	Bharthan	142	32.0	32.1
	Bharthan	Vasad	60	38.6	38.7
	Khalalpur	Khedshivpur	105	35.8	31.2
APSEZ	APSEZ	Mokha	28	24.6	25.6
	Mokha	Makhel	150	20.2	15.0
	Mokha	Surajbari	115	26.2	24.9
	Makhel	Bhalgam	108	33.8	33.5

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 STP Services CFS, Chennai	Chennai	73 Sarveshwar CFS	Mumbai
2 Century Plyboards CFS, JJP	KOLKATA	38 Diamond CFS Park	TUTICORIN	74 EFC Logistics India	Mumbai
3 All cargo Logistics CFS	KOLKATA	39 Hari CFS	TUTICORIN	75 Honey Comb CFS, Mundra	Gujarat
4 Gateway East India CFS	VISAKHAPATNAM	40 Chandra CFS, Tiruvallur	Chennai	76 Ashte Logistics CFS, Panvel	Mumbai
5 Sravan CFS-1	VISAKHAPATNAM	Continental Warehousing Corporation CFS (Nhava Seva),		77 Seabird CFS, Mundra	Gujarat
6 Century Plyboards CFS, Sonai	KOLKATA	41 Tiruvallur	Chennai	78 TG Terminals CFS, Mundra	Gujarat
7 A L Logistics CFS	HALDIA	42 GDKL CFS	KOCHI	79 Vaishno Logistics CFS, Navi Mumbai	Mumbai
8 VPL Integral CFS	VISAKHAPATNAM	Kerry Indev Logistics Private Limited / Continental		80 Ashutosh CFS, Mundra	Gujarat
9 Balmer Lawrie CFS	KOLKATA	43 Container Freight Station	TUTICORIN	81 APM (Maersk India) CFS, Navi Mumbai	Mumbai
10 VCT CFS	VISAKHAPATNAM	44 A.S.Shipping Agencies Pvt Ltd	TUTICORIN	82 TG Terminals CFS	Mumbai
11 LCL Freight Solutions	HALDIA	45 Hind Terminals CFS, Chennai	Chennai	83 Landmark CFS, Mundra	Gujarat
12 Ralson Petro Chemicals CFS	HALDIA	46 Prompt Terminals (P) Ltd	TUTICORIN	84 Hind Terminal CFS, Hazira	Gujarat
13 All cargo Global Logistics CFS, Chennai	Chennai	47 MIV CFS	KOCHI	85 Apollo Logisolutions CFS, Panvel	Mumbai
14 Sical CFS, Chennai Tiruvallur Tamil Nadu	Chennai	48 Gateway Distripark CFS, Krishnapatnam	KRISHNAPATNAM	86 Seabird CFS, Hazira	Gujarat
15 Gateway Distriparks CFS, Chennai	Chennai	49 Apm Terminals India CFS, Tiruvallur	Chennai	87 Balmer & Lawrie CFS, Navi Mumbai	Mumbai
Continental Warehousing Corporation CFS (Nhava Seva),		50 Thiru Rani Logistics CFS, Tiruvallur	Chennai	88 Rishi CFS, Mundra	Gujarat
16 Chennai	Chennai	51 Seabird CFS, Krishnapatnam	KRISHNAPATNAM	89 Navkar Corporation Yard 2 CFS, Panvel	Mumbai
17 Kailash Shipping Services CFS, Chennai	Chennai	52 German Express Shipping Agency CFS, Chennai	Chennai	90 CWC Impex Park CFS, Navi Mumbai	Mumbai
18 Kerry Indev Logistics ICD, Kanchipuram	Chennai	53 Sun Global Logistics CFS, Kanchipuram	Chennai	91 All Cargo CFS, Mundra	Gujarat
19 Sattva Hi-Tech And Conware CFS, Chennai	Chennai	54 All Cargo Logistics	Mumbai	92 Ocean Gate CFS, Panvel	Mumbai
20 Sanco Trans CFS, Chennai	Chennai	55 Ameya Logistics CFS, Navi Mumbai	Mumbai	93 Mundhra CFS, Mundra	Gujarat
21 ALS Tuticorin Terminal Private Limited	TUTICORIN	56 Gateway Distriparks CFS, Navi Mumbai	Mumbai	94 Indev Logistics CFS, Panvel	Mumbai
22 Continental Warehousing Corporation Nhava Sheva Ltd.	TUTICORIN	57 Adani CFS, Hazira	Gujarat	95 Dronagiri Rail Terminal CFS, Navi Mumbai	Mumbai
23 Ennore Cargo Container Terminal CFS, Chennai	Chennai	58 CWC Hind Terminal CFS, Navi Mumbai	Mumbai	96 A V Joshi CFS	Gujarat
24 Glovis India CFS, Kanchipuram	Chennai	59 Speedy Multi mode CFS, JNPT	Mumbai	97 Navkar Corporation Yard 1 CFS, Panvel	Mumbai
25 St. John Freight Systems Ltd. - ICD Division	TUTICORIN	60 Saurashtra CFS, Mundra	Gujarat	98 Transworld CFS, Mundra	Gujarat
26 Calyx Container Terminal CFS, Chennai	Chennai	61 Continental Warehousing CFS, Navi Mumbai	Mumbai	99 Empezar Logistics CFS	Gujarat
27 Balmer Lawrie CFS, Chennai	Chennai	62 International Cargo Terminal CFS	Mumbai	100 Maharashtra State Corp CFS	Mumbai
28 Sattva Cfs And Logistics CFS, Chennai	Chennai	63 Punjab Conware CFS, Navi Mumbai	Mumbai	101 Maersk Annex (APM) CFS, Navi Mumbai	Mumbai
29 Chola Logistiks Pvt Ltd	TUTICORIN	64 JWR CFS	Mumbai		
30 Sical Multimodal and Rail Transport Ltd. - CFS Division	TUTICORIN	65 Hind Terminals Pvt. Ltd. CFS, Mundra	Gujarat		
31 Triway CFS, Chennai	Chennai	66 JWC Logistics Park CFS	Mumbai		
32 Raja Agencies CFS	TUTICORIN	67 Adani CFS Eximyard, Mundra	Gujarat		
33 Vilsons CFS	TUTICORIN	68 MICT CFS, Mundra	Gujarat		
34 Sudharsan Logistics CFS, Chennai	Chennai	69 CWC CFS, Mundra	Gujarat		
35 A S Shipping Agencies CFS, Tiruvallur	Chennai	70 International Cargo Terminals (ULA) CFS, Navi Mumbai	Mumbai		
36 Adani CFS, Kattupalli Tiruvallur Tamil Nadu	Chennai	71 Navkar Corporation Yard 3 CFS, Panvel	Mumbai		
		72 Seabird CFS, Navi Mumbai	Mumbai		

Annexure – Western Region

List of CFS name used in CFS Performance Index

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

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

Annexure – Southern & Eastern Region

List of CFS name used in Southern CFS Performance Index

1	Allcargo Global Logistics CFS, Chennai	21	Vilsons CFS
2	Sical CFS, Chennai Tiruvallur Tamil Nadu	22	Sudharsan Logistics CFS, Chennai
3	Gateway Distriparks CFS, Chennai	23	A S Shipping Agencies CFS, Tiruvallur
4	Continental Warehousing Corporation CFS (Nhava Seva), Chennai	24	Adani CFS, Kattupalli Tiruvallur Tamil Nadu
5	Kailash Shipping Services CFS, Chennai	25	STP Services CFS, Chennai
6	Kerry Indev Logistics ICD, Kanchipuram	26	Diamond CFS Park
7	Sattva Hi-Tech And Conware CFS, Chennai	27	Hari CFS
8	Sanco Trans CFS, Chennai	28	Chandra CFS, Tiruvallur
9	ALS Tuticorin Terminal Private Limited	29	Continental Warehousing Corporation CFS (Nhava Seva), Tiruvallur
10	Continental Warehousing Corporation Nhava Sheva Ltd.	30	GDKL CFS
11	Ennore Cargo Container Terminal CFS, Chennai	31	Kerry Indev Logistics Private Limited / Continental Container Freight Station
12	Glovis India CFS, Kanchipuram	32	A.S.Shipping Agencies Pvt Ltd
13	St. John Freight Systems Ltd. - ICD Division	33	Hind Terminals CFS, Chennai
14	Calyx Container Terminal CFS, Chennai	34	Prompt Terminals (P) Ltd
15	Balmer Lawrie CFS, Chennai	35	MIV CFS
16	Sattva Cfs And Logistics CFS, Chennai	36	Gateway Distripark CFS, Krishnapatnam
17	Chola Logistik Pvt Ltd	37	Apm Terminals India CFS, Tiruvallur
18	Sical Multimodal and Rail Transport Ltd. - CFS Division	38	Thiru Rani Logistics CFS, Tiruvallur
19	Triway CFS, Chennai	39	Seabird CFS, Krishnapatnam
20	Raja Agencies CFS	40	German Express Shipping Agency CFS, Chennai
		41	Sun Global Logistics CFS, Kanchipuram

List of CFS name used in Eastern CFS Performance Index

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



THANK YOU