



Logistics Databank Analytics Report

May 2022



Index

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](#)

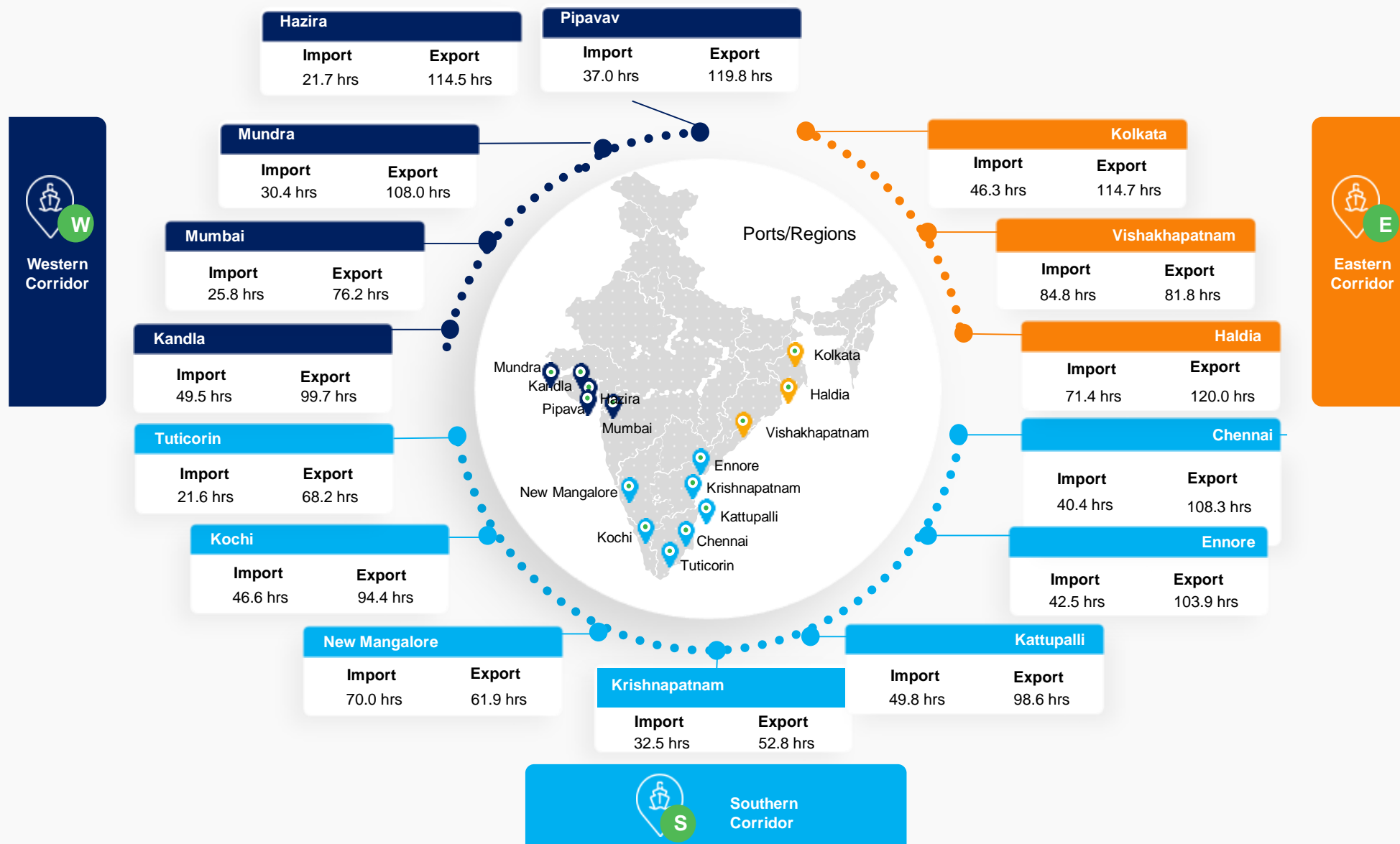
Section 02

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. [Congestion Analysis](#)
5. [Analysis of Container Movement across India](#)

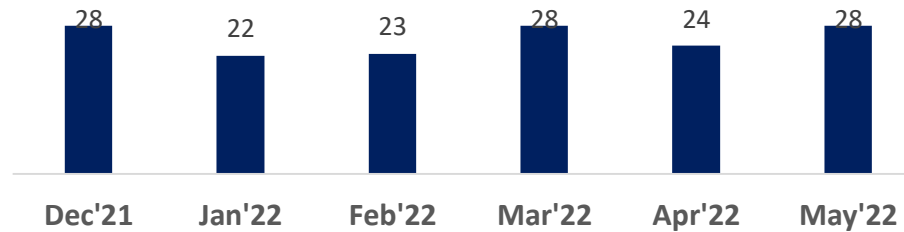
PAN INDIA Performance Snapshot: May 2022 (Dwell Time)



Port Dwell Time Performance – Western Corridor (Import Cycle)

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

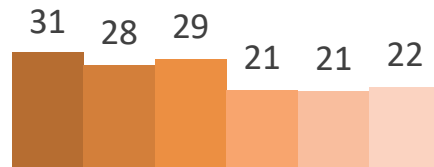
Western Corridor



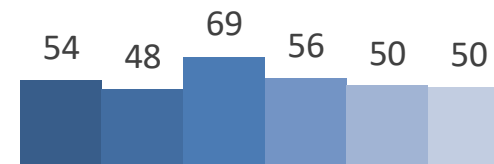
Port - Wise



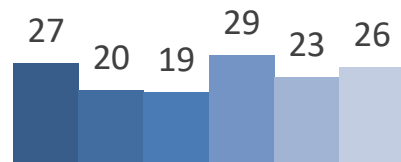
Hazira



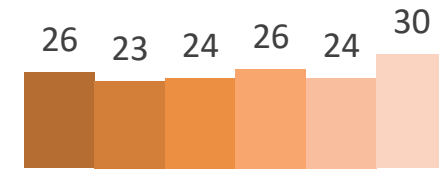
Kandla



JNPT



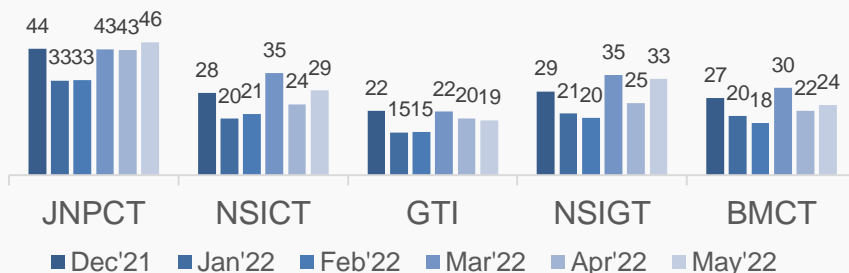
Mundra



■ Dec'21 ■ Jan'22 ■ Feb'22 ■ Mar'22 ■ Apr'22 ■ May'22

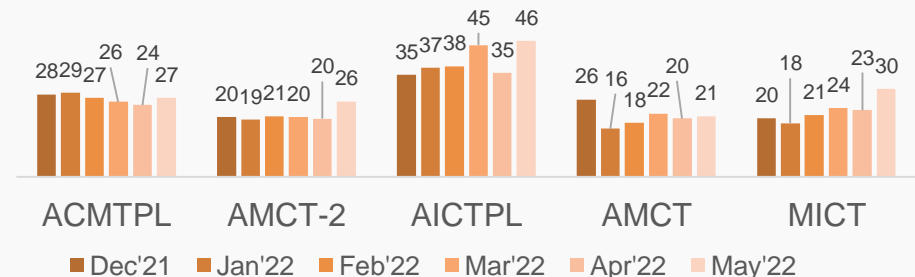
■ Dec'21 ■ Jan'22 ■ Feb'22 ■ Mar'22 ■ Apr'22 ■ May'22

JNPT - Terminal



■ Dec'21 ■ Jan'22 ■ Feb'22 ■ Mar'22 ■ Apr'22 ■ May'22

Mundra - Terminal

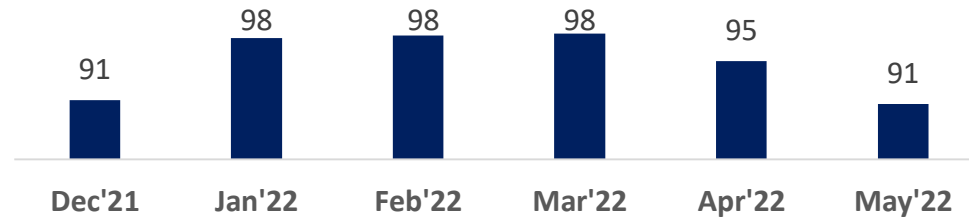


■ Dec'21 ■ Jan'22 ■ Feb'22 ■ Mar'22 ■ Apr'22 ■ May'22

Port Dwell Time Performance – Western Corridor (Export Cycle)

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

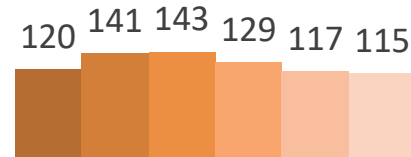
Western Corridor



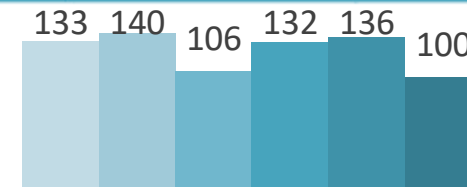
Port - Wise



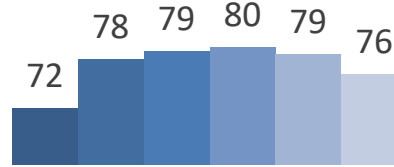
Hazira



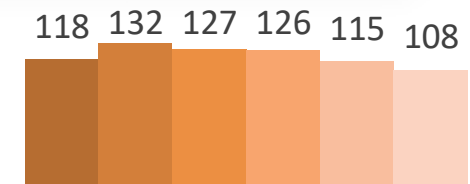
Kandla



JNPT



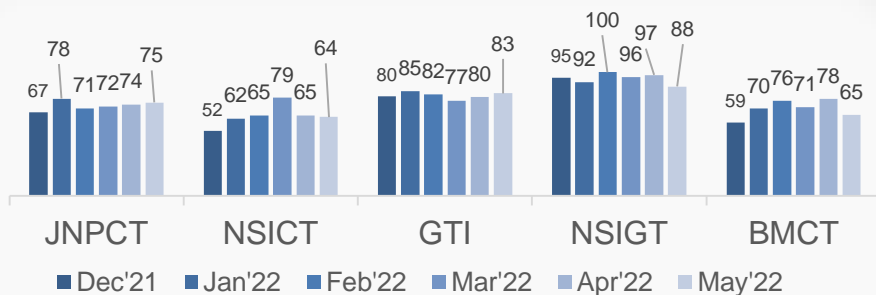
Mundra



■ Dec'21 ■ Jan'22 ■ Feb'22 ■ Mar'22 ■ Apr'22 ■ May'22

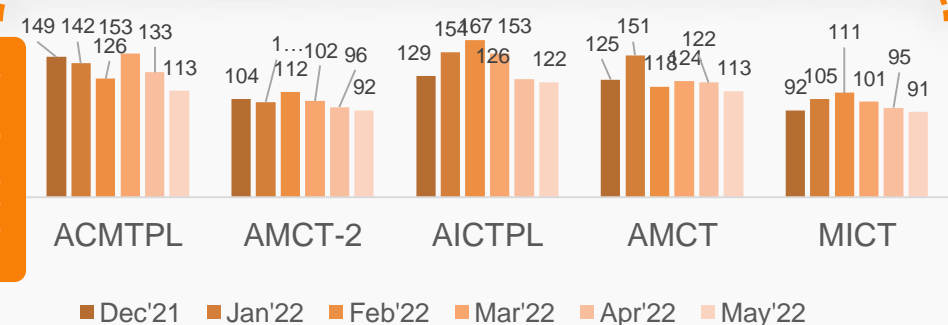
■ Dec'21 ■ Jan'22 ■ Feb'22 ■ Mar'22 ■ Apr'22 ■ May'22

JNPT - Terminal



■ Dec'21 ■ Jan'22 ■ Feb'22 ■ Mar'22 ■ Apr'22 ■ May'22

Mundra - Terminal

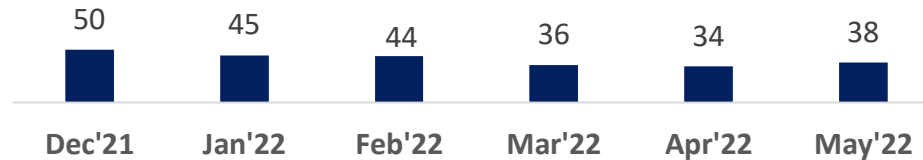


■ Dec'21 ■ Jan'22 ■ Feb'22 ■ Mar'22 ■ Apr'22 ■ May'22

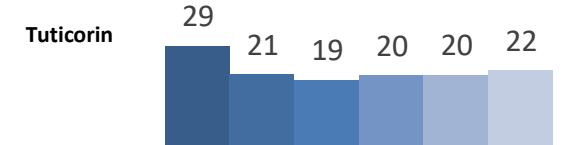
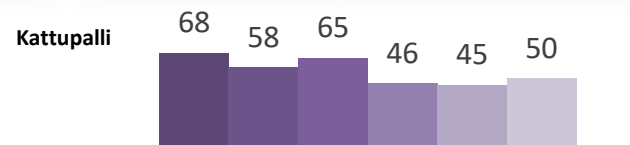
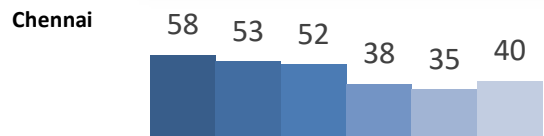
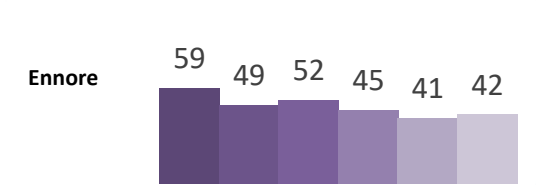
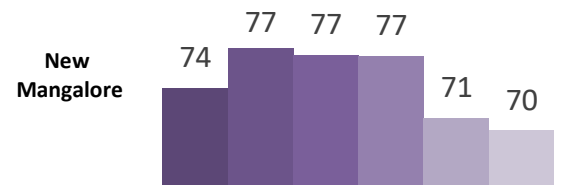
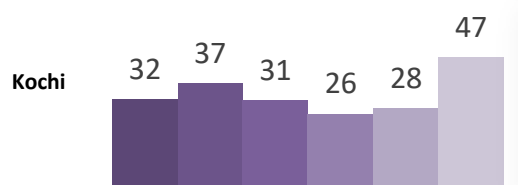
Port Dwell Time Performance – Southern Corridor (Import Cycle)

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

Southern Corridor



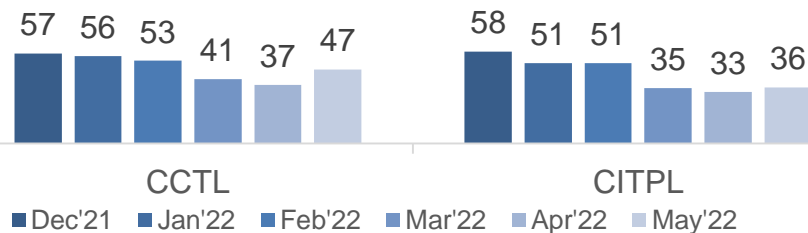
Port - Wise



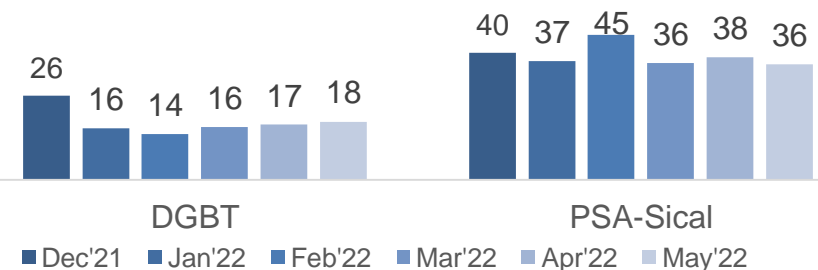
■ Dec'21 ■ Jan'22 ■ Feb'22 ■ Mar'22 ■ Apr'22 ■ May'22

■ Dec'21 ■ Jan'22 ■ Feb'22 ■ Mar'22 ■ Apr'22 ■ May'22

Chennai - Terminal



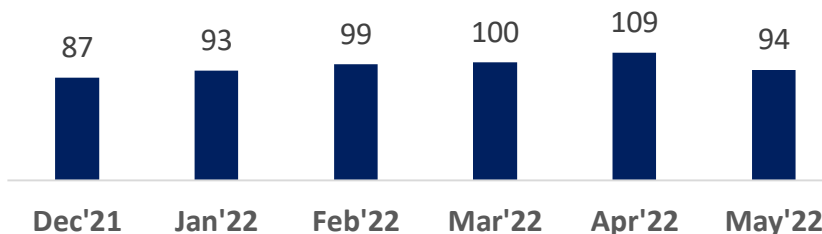
Tuticorin - Terminal



Port Dwell Time Performance – Southern Corridor (Export Cycle)

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

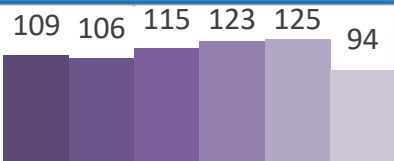
Southern Corridor



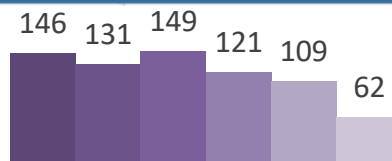
Port - Wise



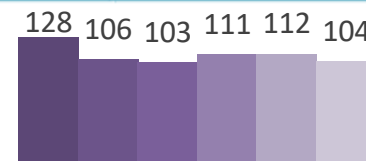
Kochi



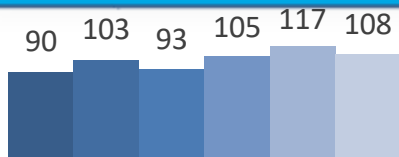
New Mangalore



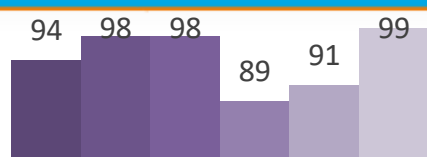
Ennore



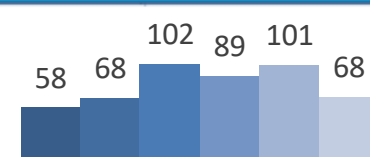
Chennai



Kattupalli



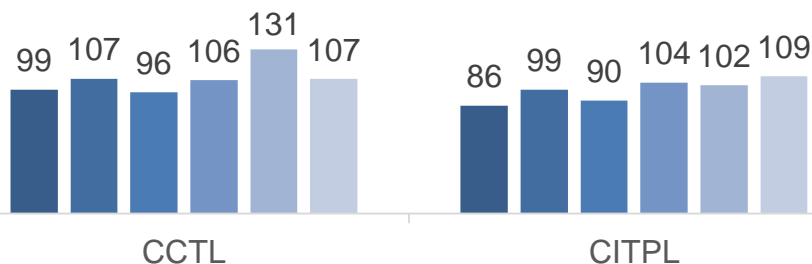
Tuticorin



Dec'21 Jan'22 Feb'22 Mar'22 Apr'22 May'22

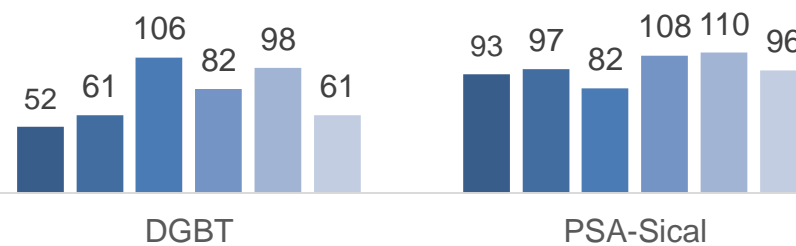
Dec'21 Jan'22 Feb'22 Mar'22 Apr'22 May'22

Chennai - Terminal



Dec'21 Jan'22 Feb'22 Mar'22 Apr'22 May'22

Tuticorin - Terminal

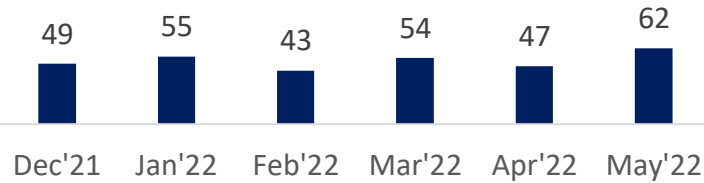


Dec'21 Jan'22 Feb'22 Mar'22 Apr'22 May'22

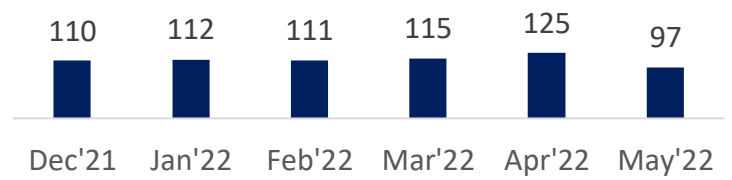
Port Dwell Time Performance – Eastern Corridor

Import Cycle (in hrs)

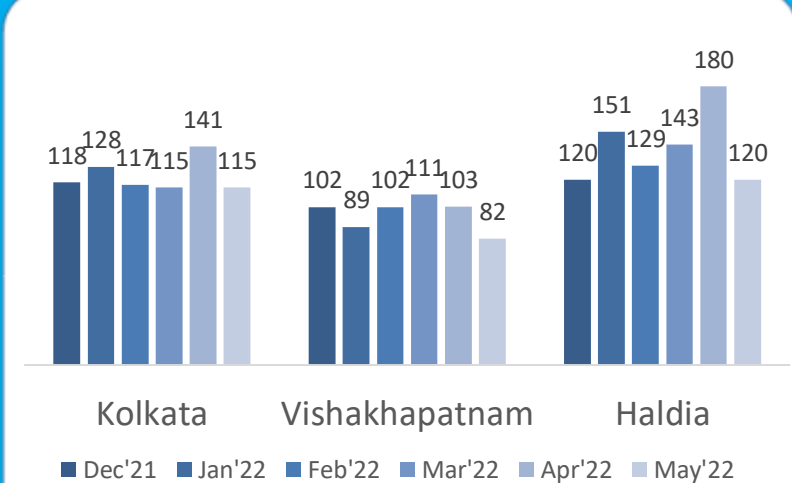
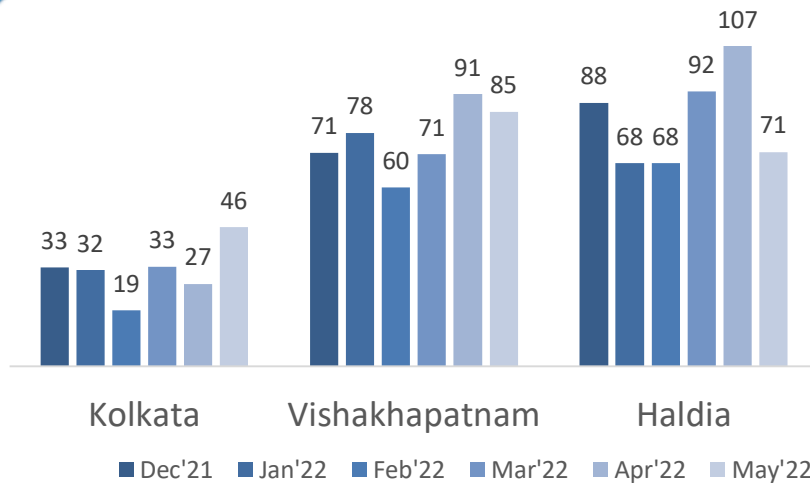
Eastern Corridor



Export Cycle (in hrs)

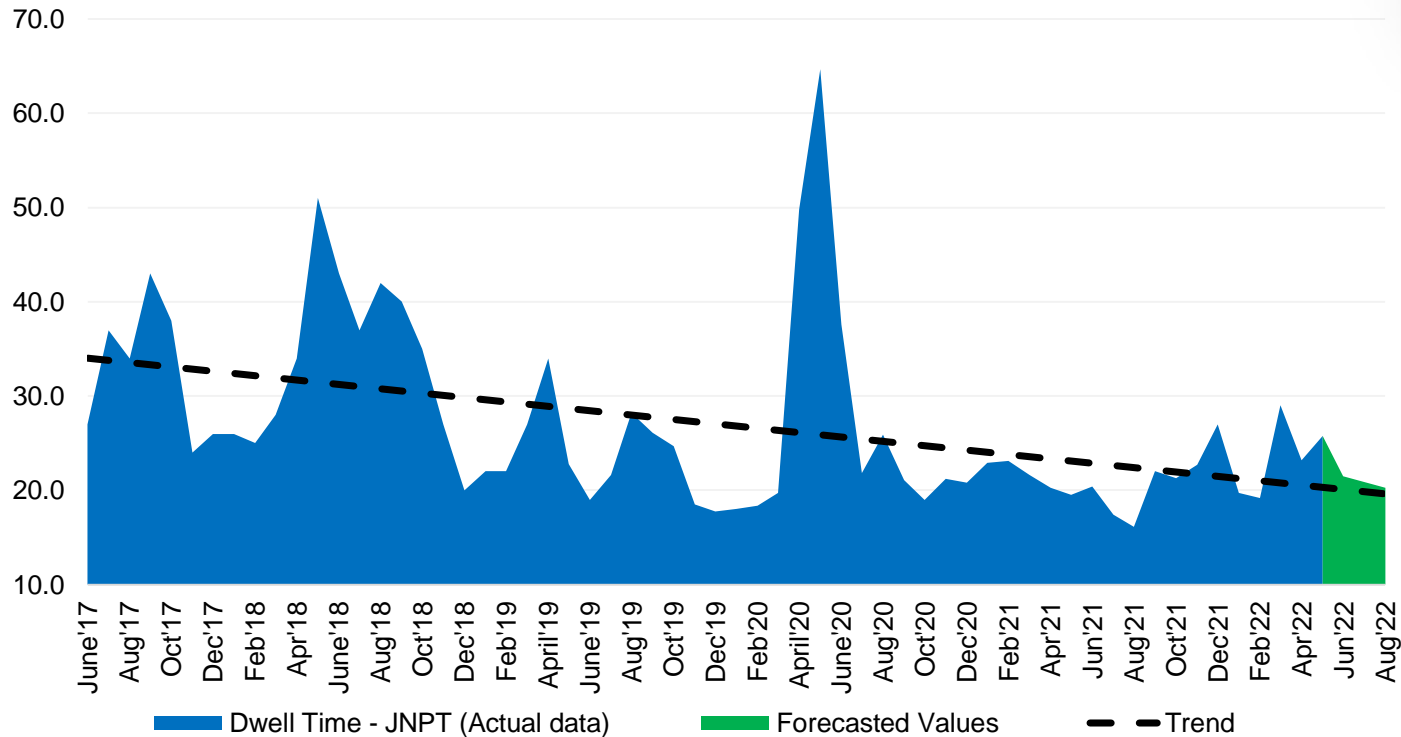


Port - Wise



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 May'22 and decrease from there on till Aug'22.



Predicted
Dwell Time (in hrs)

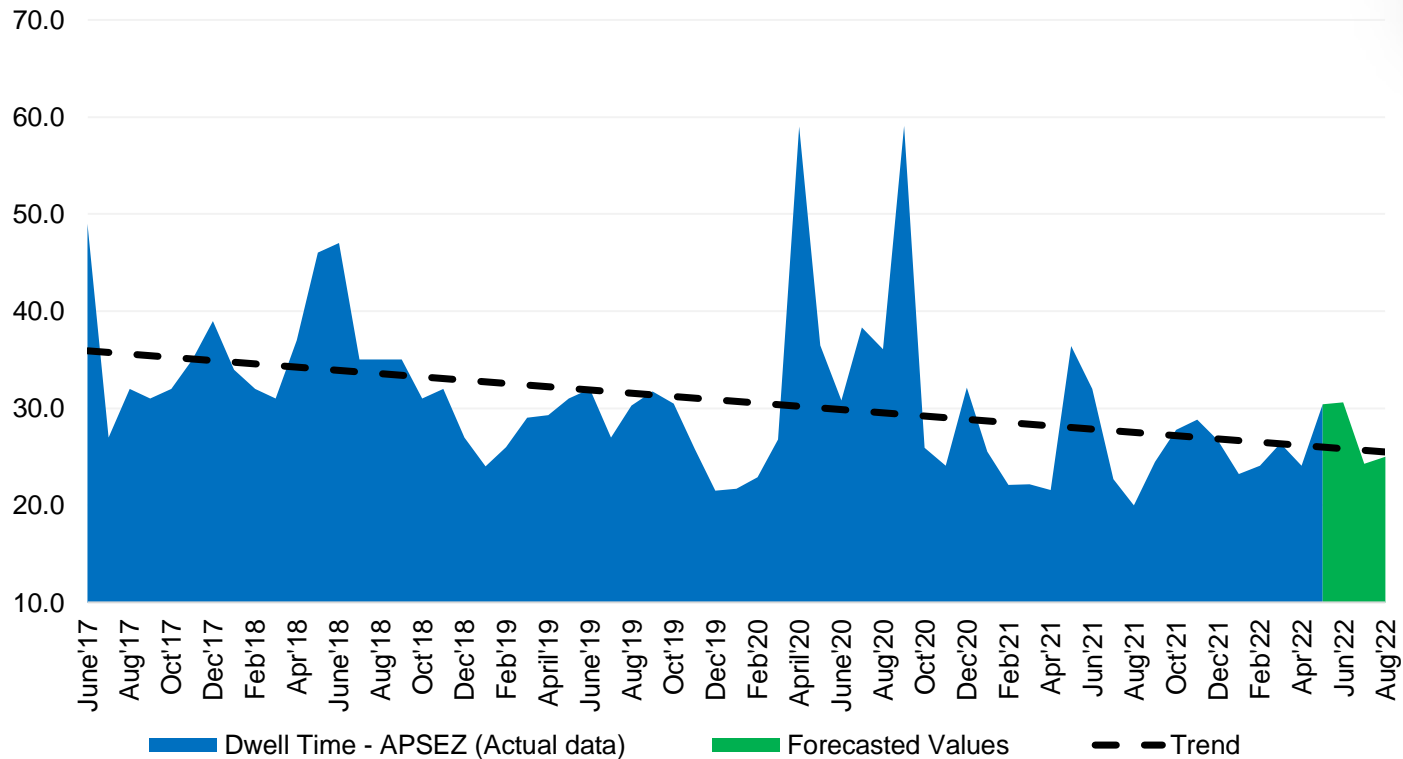
Jun'22
21.5

Jul'22
20.9

Aug'22
20.3

Predictive Analysis : Mundra Port

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 minima in Jun'22 and decrease from there on till Aug'22.



Predicted
Dwell Time (in hrs)

Jun'22

30.6

Jul'22





24.3

Aug'22

25.0

Western Corridor

- The Overall container handling performance in Western Corridor in Import Cycle has deteriorated by 15.6% & Export Cycle improved by 4.6%.
- The container handling performance at CFS has deteriorated by 1.9%. Also, ICD performance has improved by 1%.

Month	Import cycle – Dwell Time	Export cycle – Dwell Time	CFS Dwell Time	ICD Dwell Time
May'22	28.2 hrs 	90.8 hrs 	88.9 hrs 	120.0 hrs 
Apr'22	24.4 hrs	95.2 hrs	87.3 hrs	121.2 hrs

Southern Corridor

- The Overall container handling performance in Southern Corridor in Import Cycle has deteriorated by 11.1% & in Export Cycle has improved by 13.3%.
- The container handling performance at CFS has improved by 1%

Month	Import cycle – Dwell Time	Export cycle – Dwell Time	CFS Dwell Time
May'22	37.9 hrs 	94.2 hrs 	105.4 hrs 
Apr'22	34.1 hrs	108.6 hrs	106.4 hrs

Eastern Corridor

- The Overall container handling performance in Eastern Corridor for Import Cycle has deteriorated by 30.9% and Export Cycle has improved by 22.2%.
- The container handling performance at CFS has improved by 11%.

Month	Import Cycle – Dwell Time	Export Cycle – Dwell Time	CFS Dwell Time
May'22	61.5 hrs 	97.2 hrs 	122.2 hrs 
Apr'22	47.0 hrs	124.9 hrs	137.4 hrs

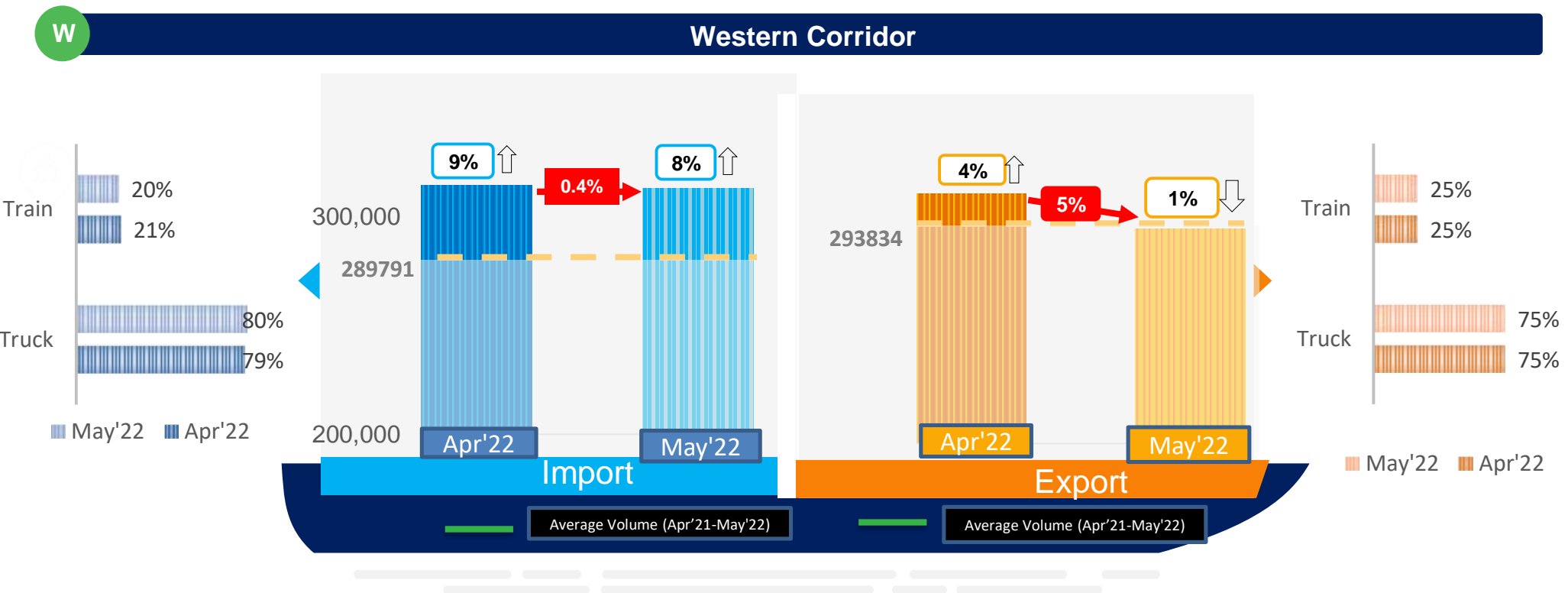


COVID – 19 Impact



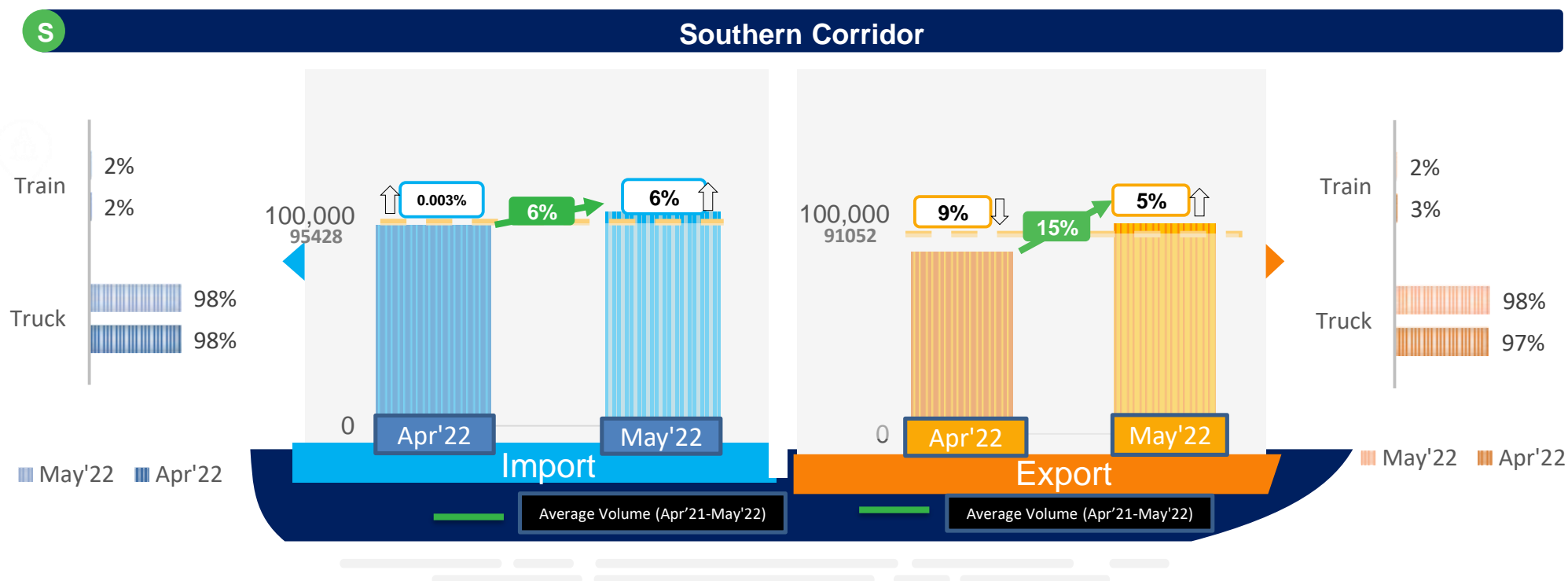
Covid-19 Impact – Western Corridor

Below graphs depicts the change in volume percentage during the month of May'22 w.r.t the last month i.e., Apr'22 and the average EXIM corridor wise volume.



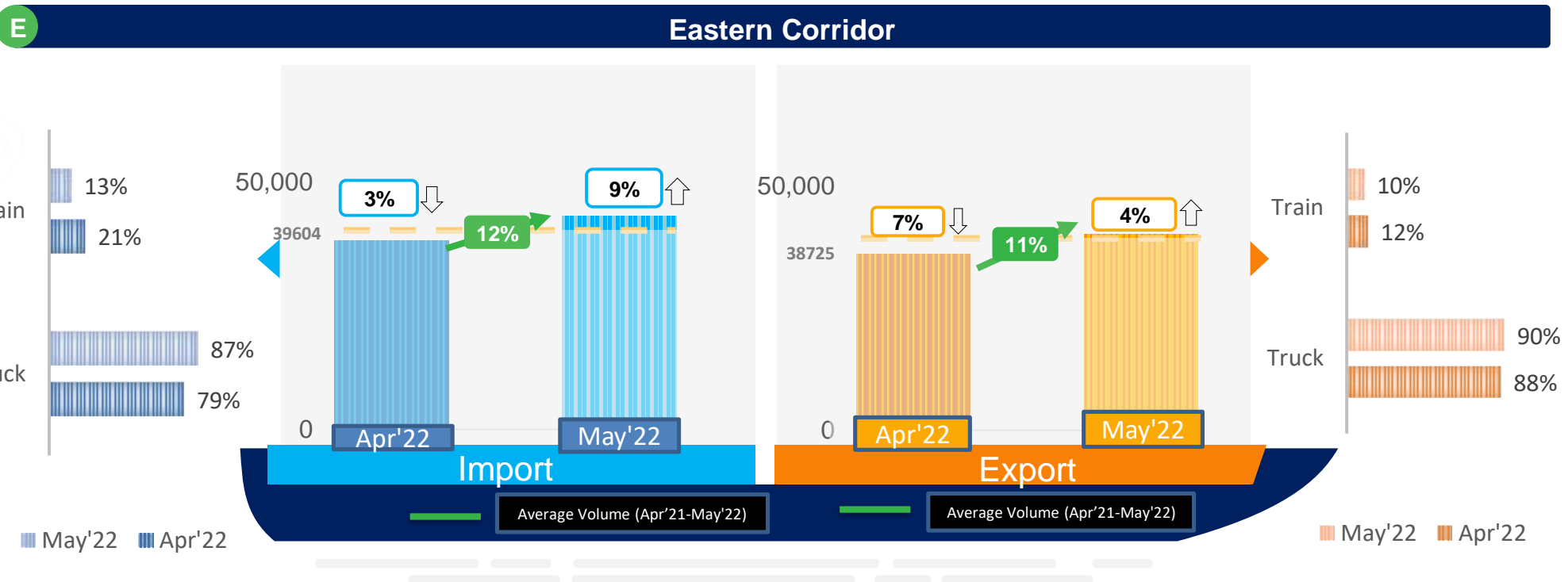
Covid-19 Impact – Southern Corridor

Below graphs depicts the change in volume percentage during the month of May'22 w.r.t the last month i.e., Apr'22 and the average EXIM corridor wise volume.



Covid-19 Impact – Eastern Corridor

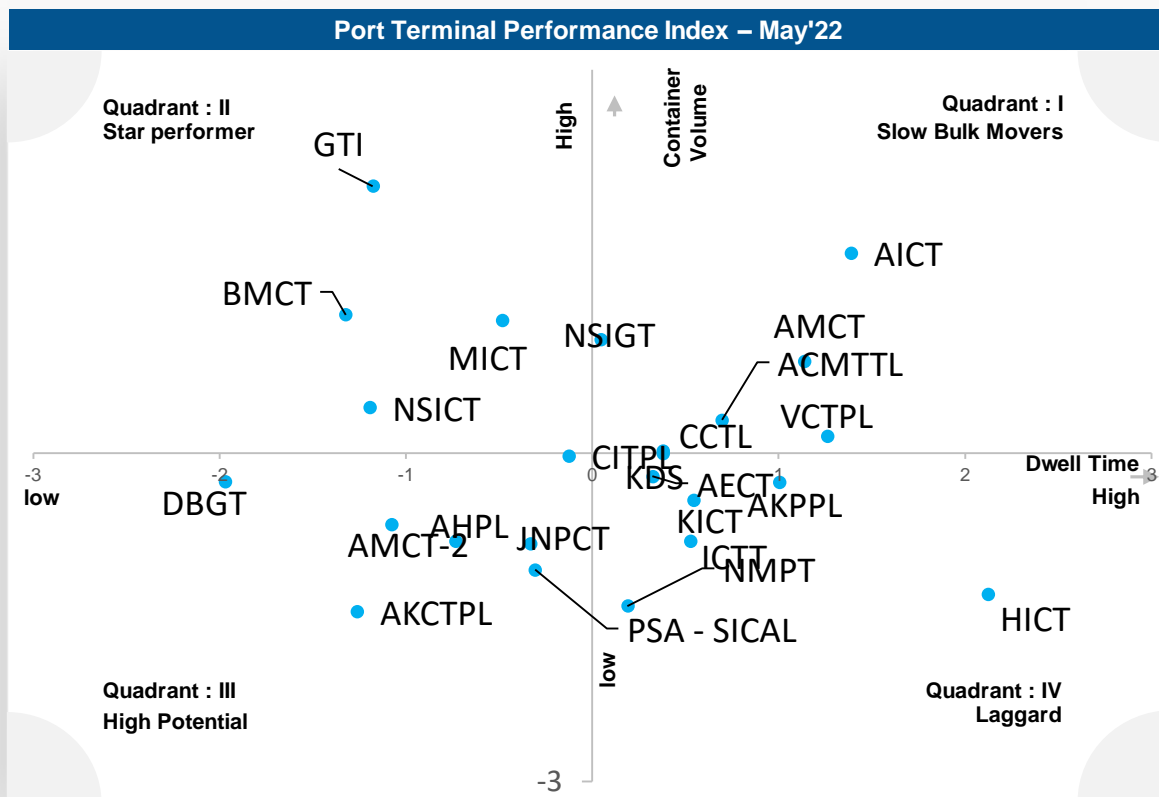
Below graphs depicts the change in volume percentage during the month of May'22 w.r.t the last month i.e., Apr'22 and the average EXIM corridor wise volume.





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 May'22

Top Performing Terminal	
Gateway Terminals India (GTI)	
Apr'22	May'22
45.6 Hrs	44.8 Hrs. 
Low Performing Terminal	
Haldia International Container Terminal (HICT)	
Apr'22	May'22
144.0 Hrs	96.0 Hrs 

Note: The performance benchmarking is based on performance index

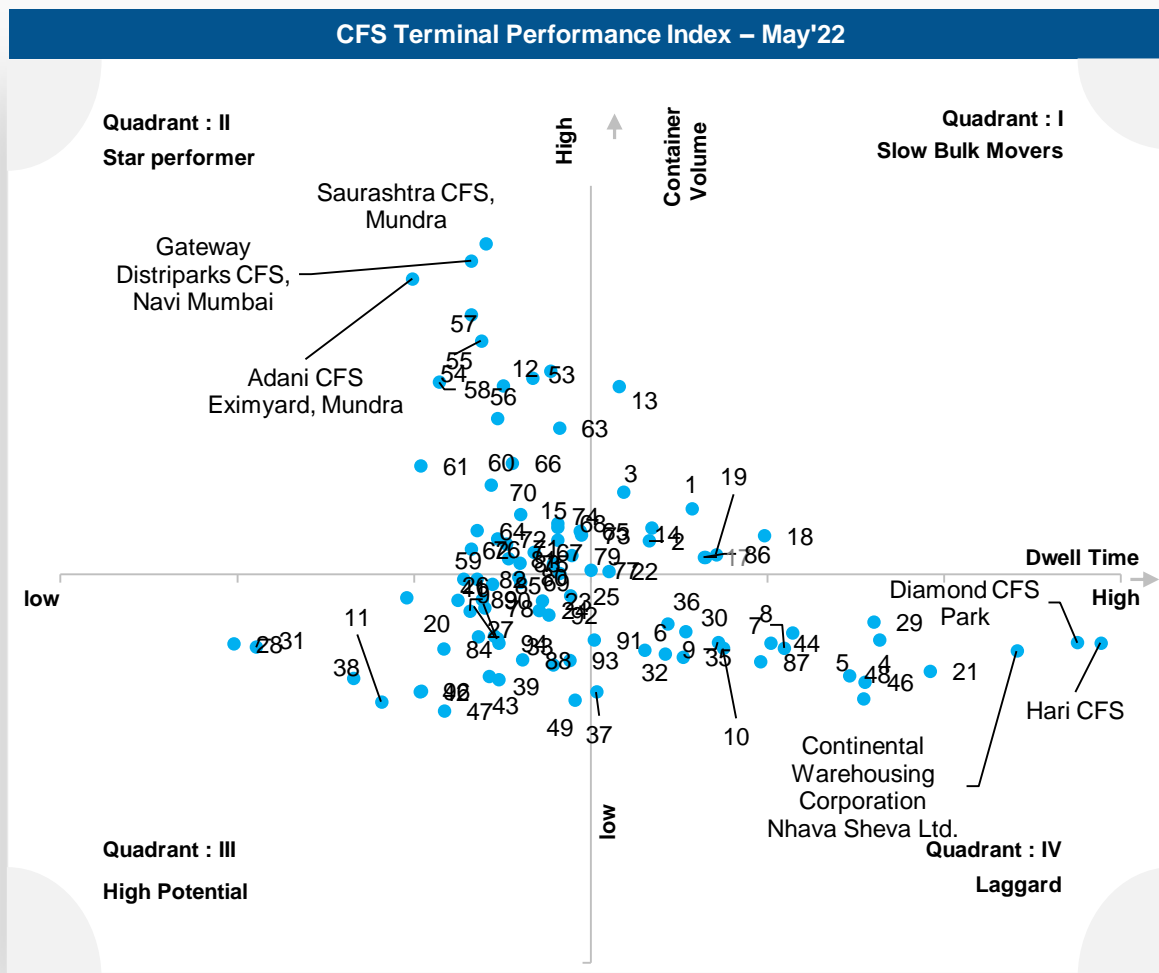
  The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Apr'22

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

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 May'22

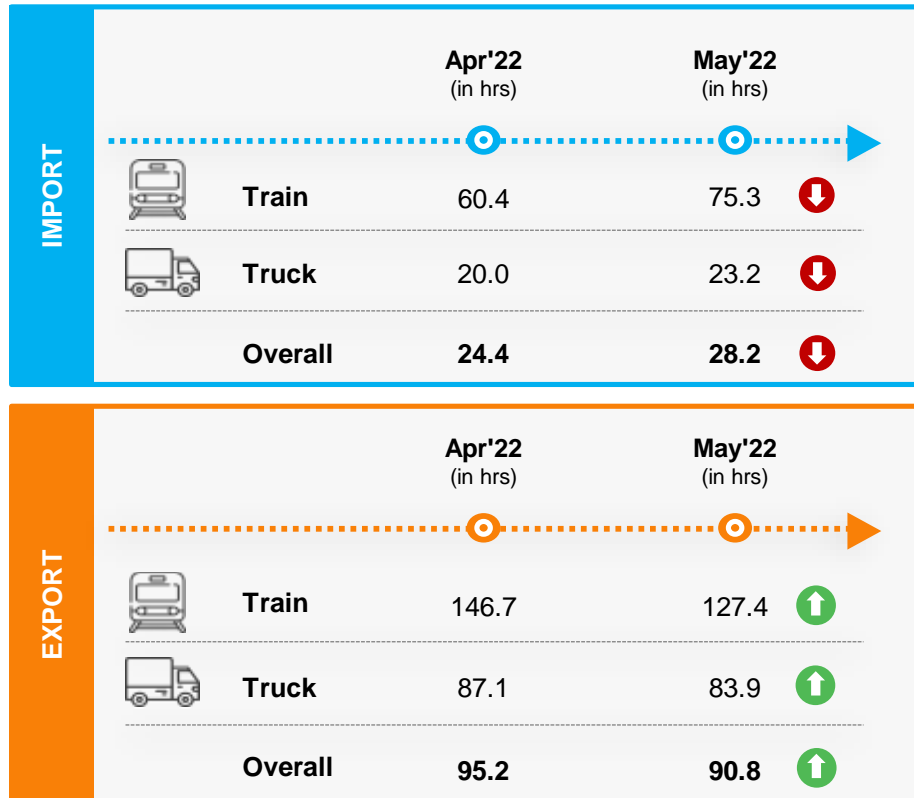
Top Three Performing CFSs		
CFS Name	Apr'22	May'22
Saurashtra CFS, Mundra	84.1 hrs	84.8 hrs
Gateway Distriparks CFS, Navi Mumbai	87.7 hrs	82.1 hrs
Adani CFS Eximyard, Mundra	82.4 hrs	71.2 hrs
Bottom Three Performing CFSs		
CFS Name	Apr'22	May'22
Hari CFS	168.9 hrs	198.9 hrs
Diamond CFS Park	164.6 hrs	194.6 hrs
Continental Warehousing Corporation Nhava Sheva Ltd.	155.6 hrs	183.3 hrs

↑ ↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Apr'22

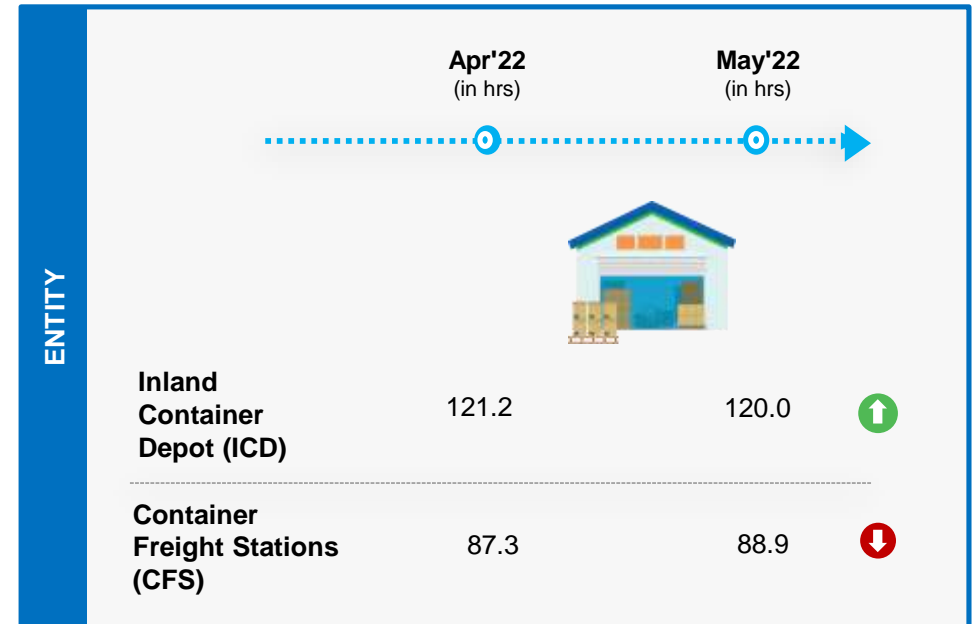
Performance Index - Summary	
In order to assess the relative performance of various entities like Port terminals, CFS(s) and ICD(s), the relative Dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular 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

Container Transportation Performance - Western Corridor

Port Dwell Time



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



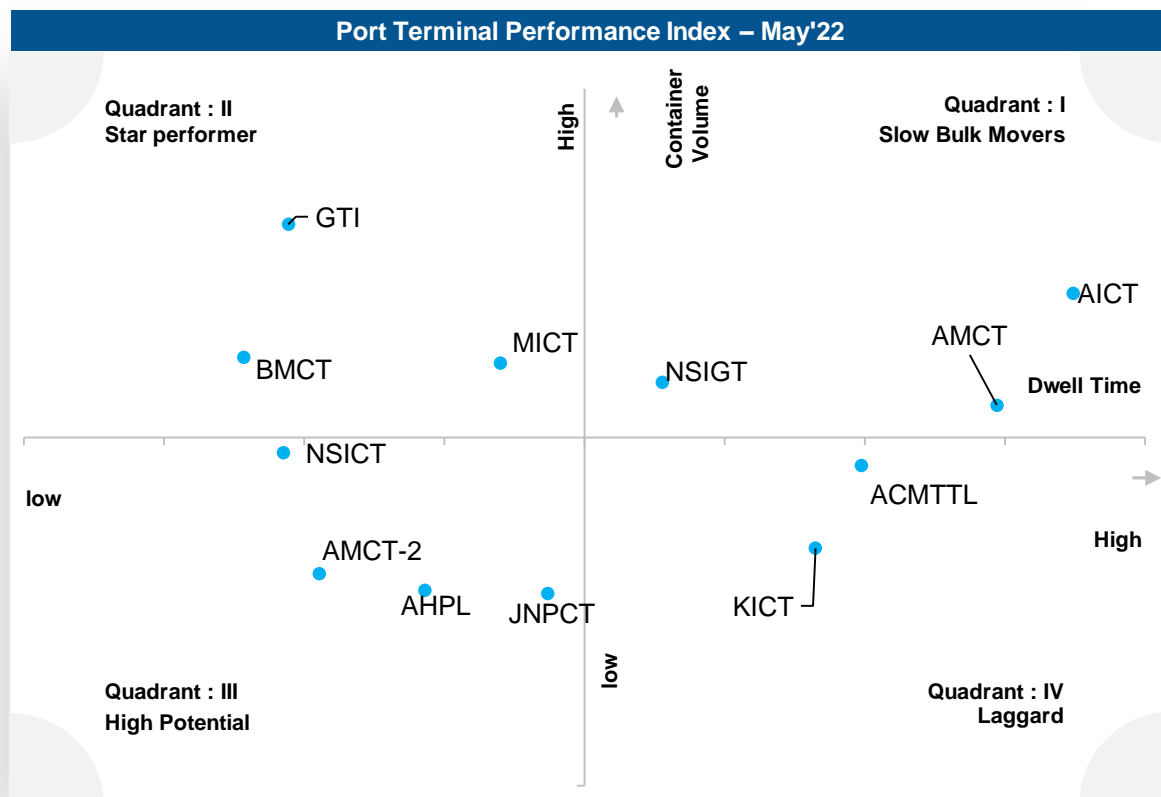
The marked entries showcase increase in performance in comparison to Apr'22



The marked entries showcase decrease in performance in comparison to Apr'22

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 May'22

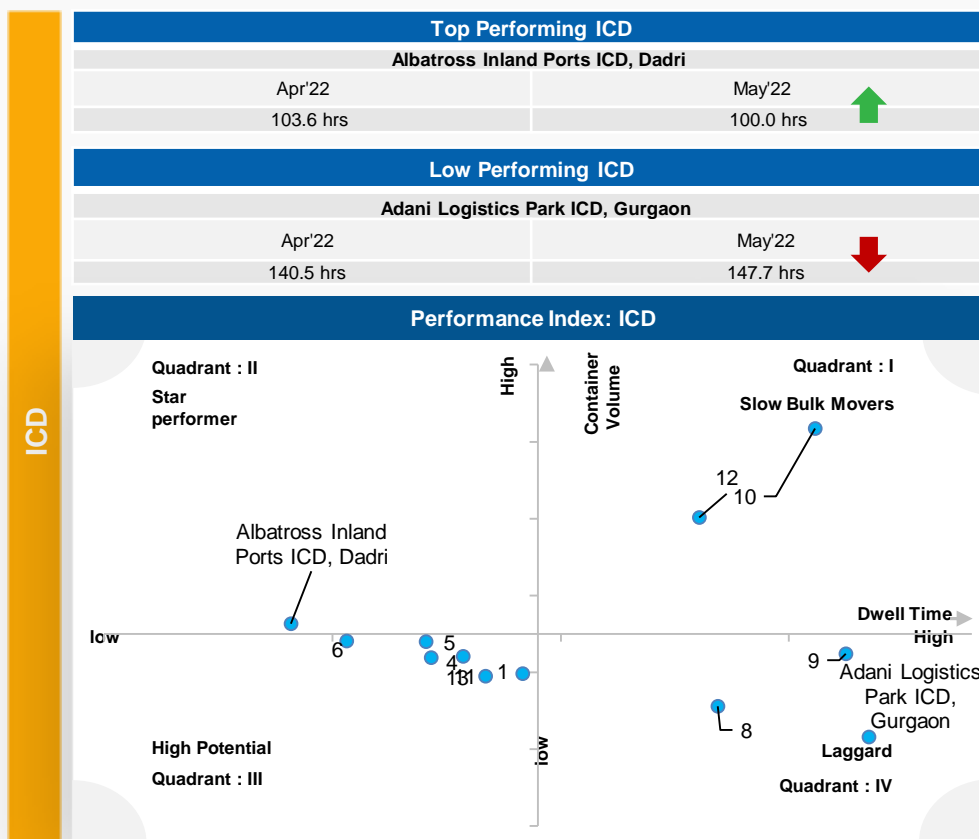
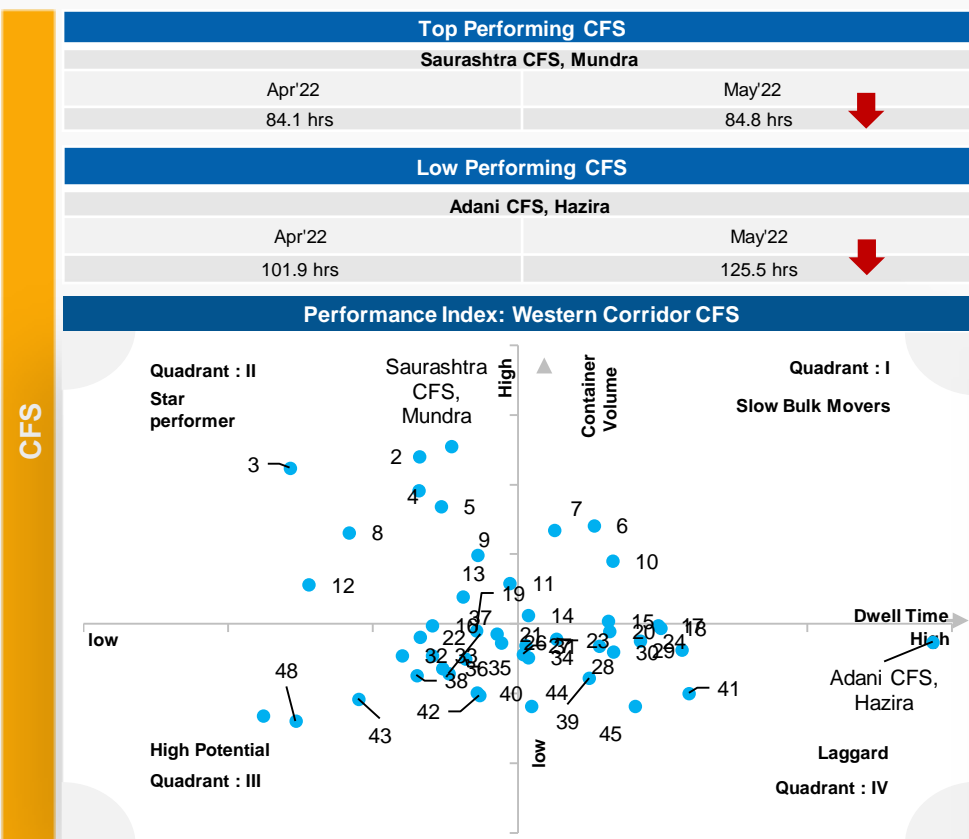
Top Performing Terminal	
Gateway Terminals India (GTI)	
Apr'22	May'22
45.6 Hrs	44.8 Hrs.
↑	
Low Performing Terminal	
Adani CMA Mundra Terminal (ACMTTL)	
Apr'22	May'22
78.2 Hrs	73.8 Hrs.
↑	

Note: The performance benchmarking is based on performance index

↑ ↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Apr'22

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

Performance Benchmarking



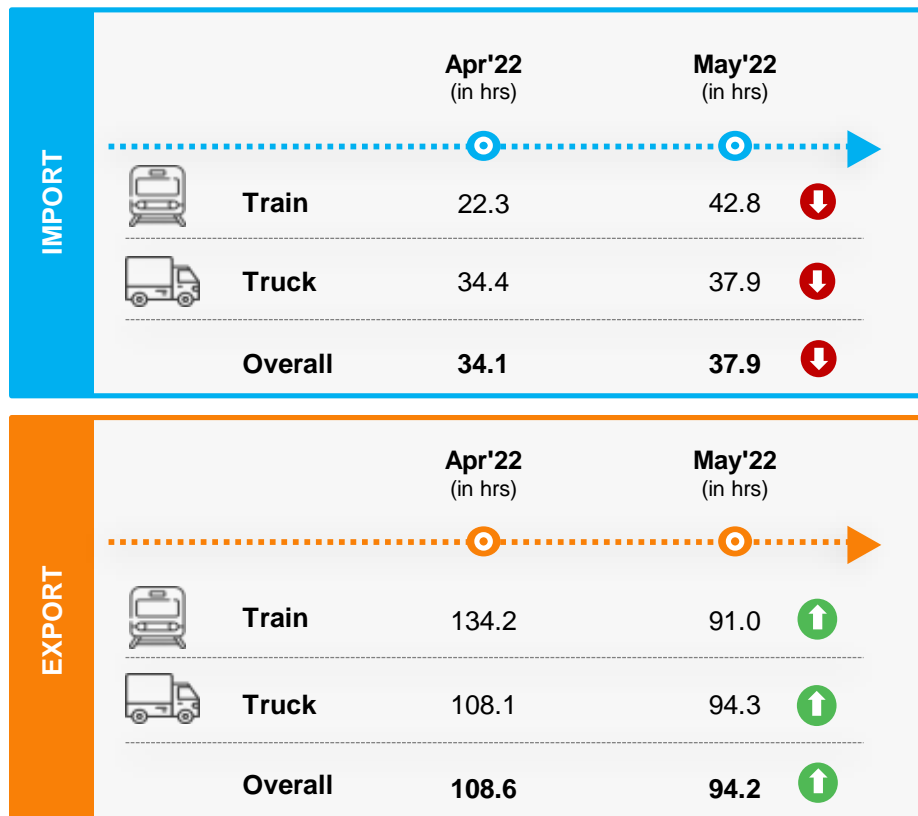
Note: The performance benchmarking is based on performance index

↑↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Apr'22

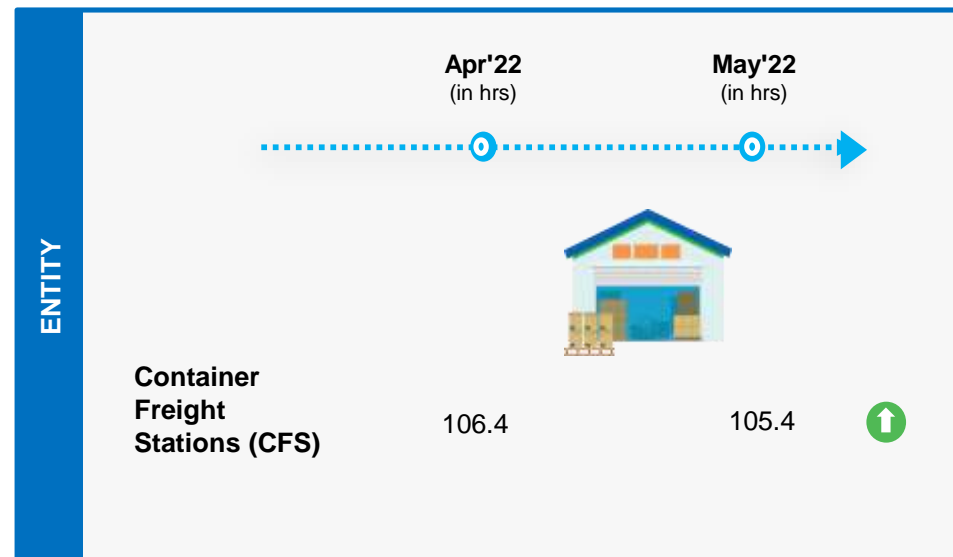
Kindly refer to Annexure section for the names of CFS

Container Transportation Performance - Southern Corridor

Port Dwell Time



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



The marked entries showcase increase in performance in comparison to Apr'22

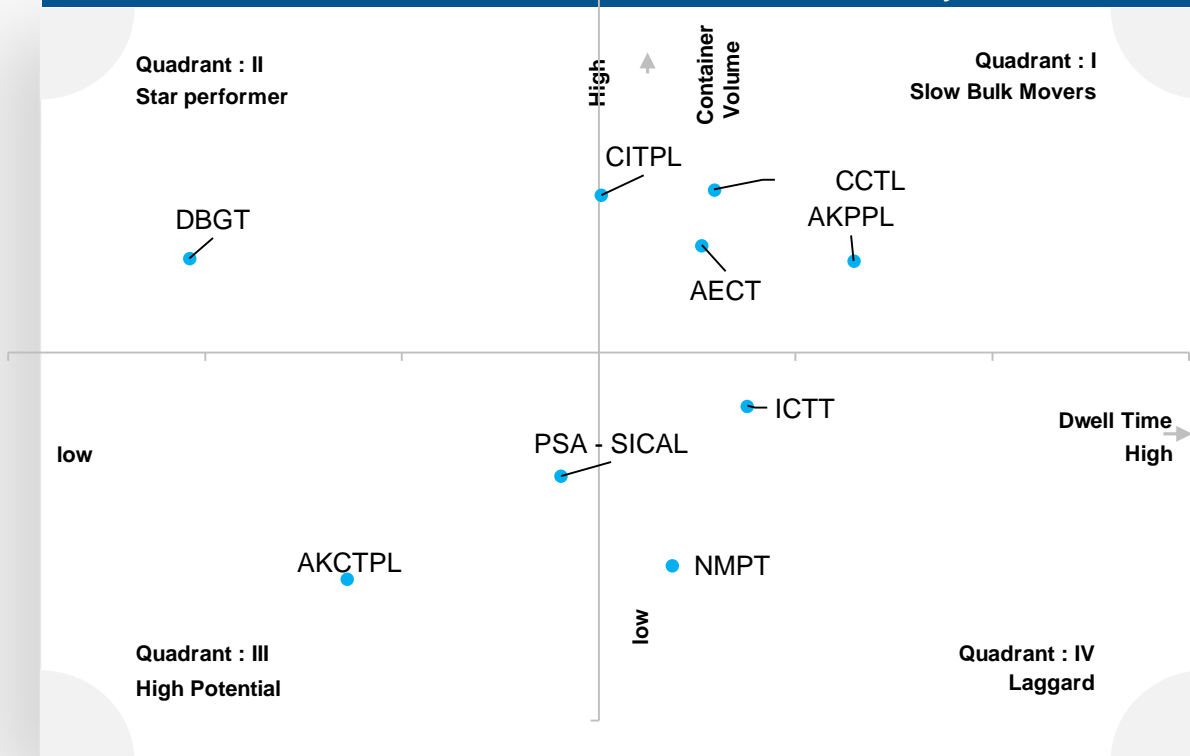


The marked entries showcase decrease in performance in comparison to Apr'22

Performance Benchmarking – Port Terminals

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

Southern Corridor Port Terminal Performance Index – May'22



Performance benchmarking for CFSs covered under LDB project for May'22

Top Performing Terminal		
Dakshin Bharat Gateway Terminal (DBGT)		
Apr'22	May'22	↓
31.8 hrs	32.47 hrs	
Low Performing Terminal		
New Mangalore Port Trust		
Apr'22	May'22	↑
89.9 hrs	67.0 hrs	

Note: The performance benchmarking is based on performance index

↑ ↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Apr'22

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

High Potential

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

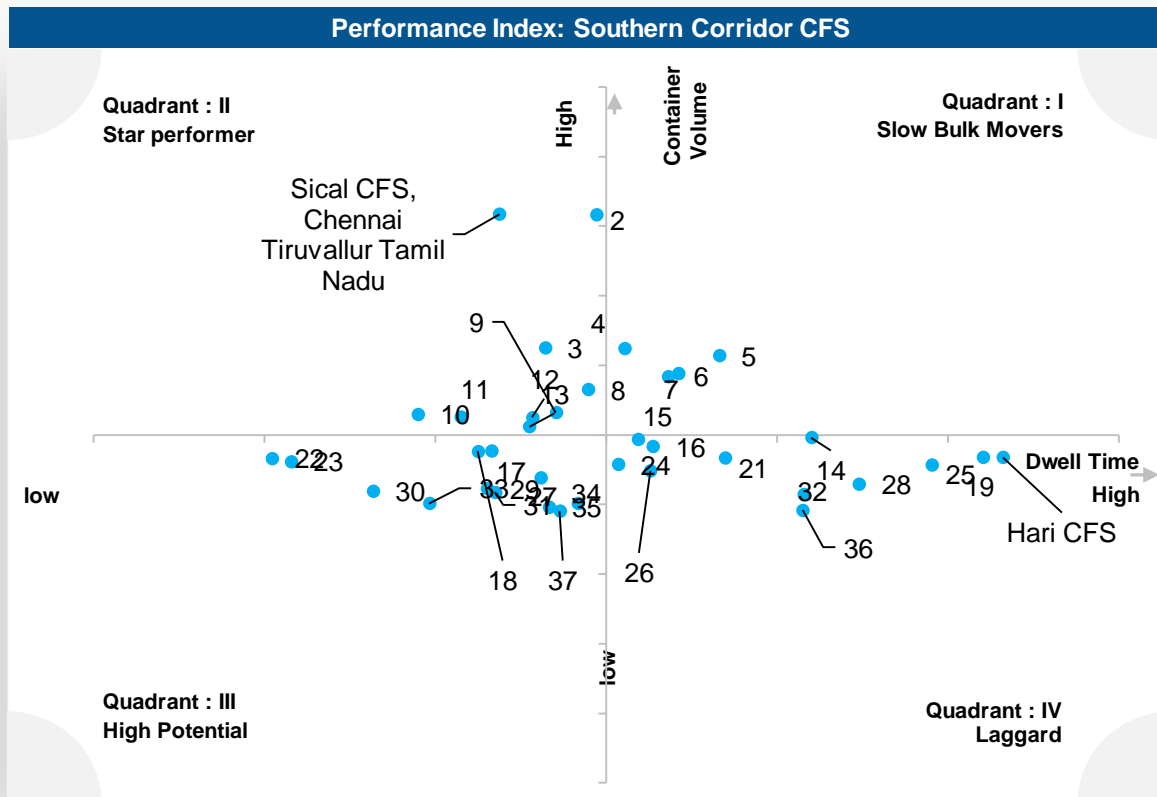
Slow Bulk Movers

Consist of entities which have catered higher container volume in higher dwell time

Laggard

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

Performance Benchmarking - CFSs



Kindly refer to Annexure section for the names of CFS

Performance benchmarking for CFS covered under LDB project in Southern Corridor for May'22

Top Performing Terminal	
Sical CFS, Chennai Tiruvallur Tamil Nadu	
Apr'22	May'22
114.5 hrs	88.1 hrs
Low Performing Terminal	
Hari CFS	
Apr'22	May'22
168.9 hrs	198.9 hrs

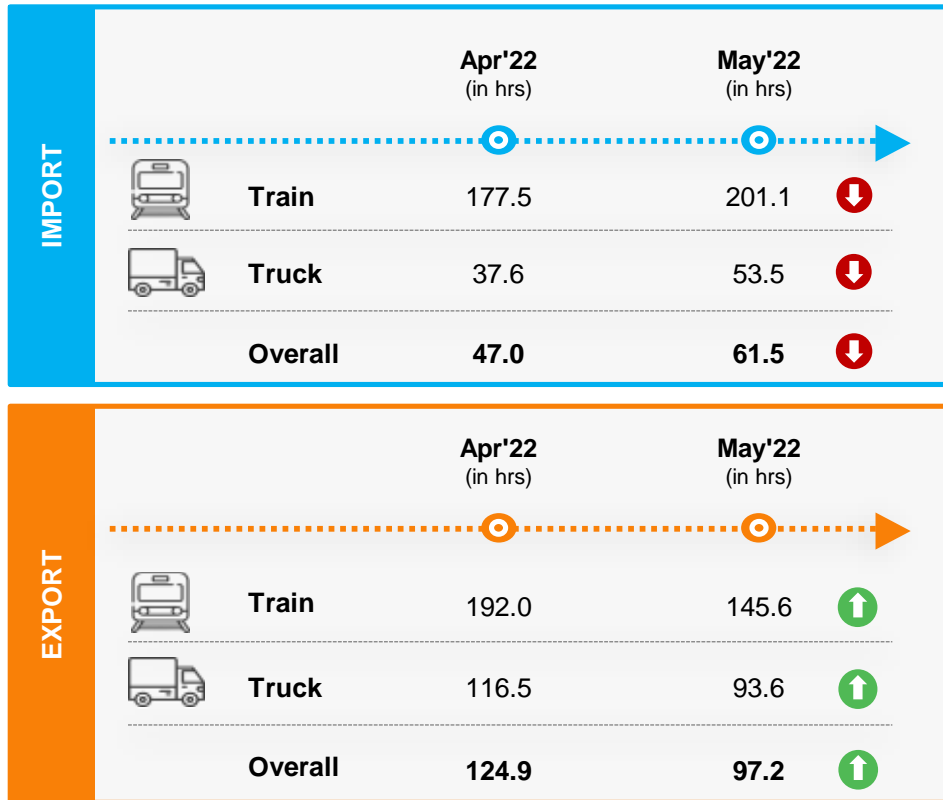
Note: The performance benchmarking is based on performance index

↑↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Apr'22

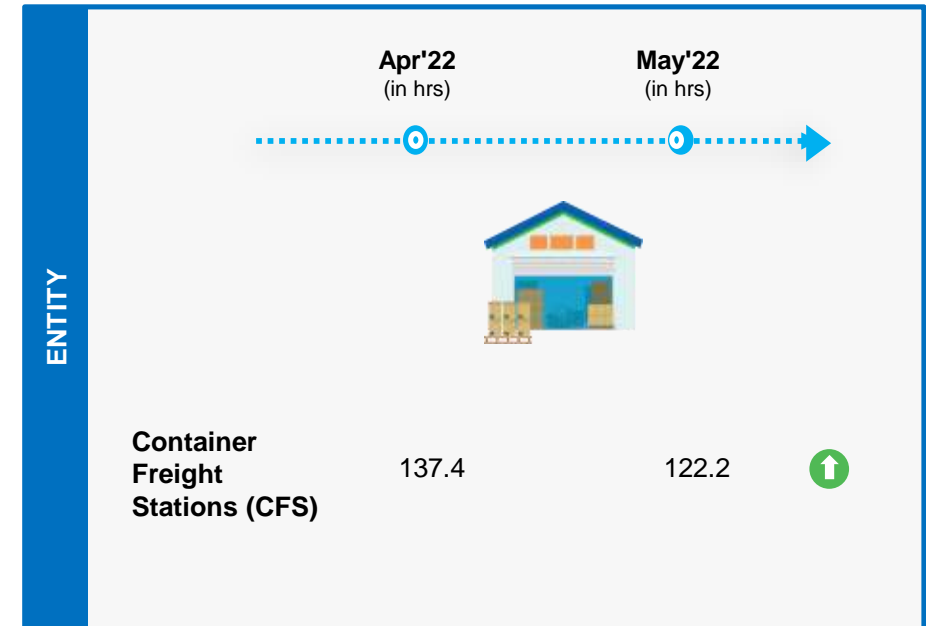
Performance Index - Summary	
In order to assess the relative performance of various entities like Port terminals, CFS(s) and ICD(s), the relative Dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular 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

Container Transportation Performance - Eastern Corridor

Port Dwell Time



Container Freight Stations(CFS)– Dwell Time



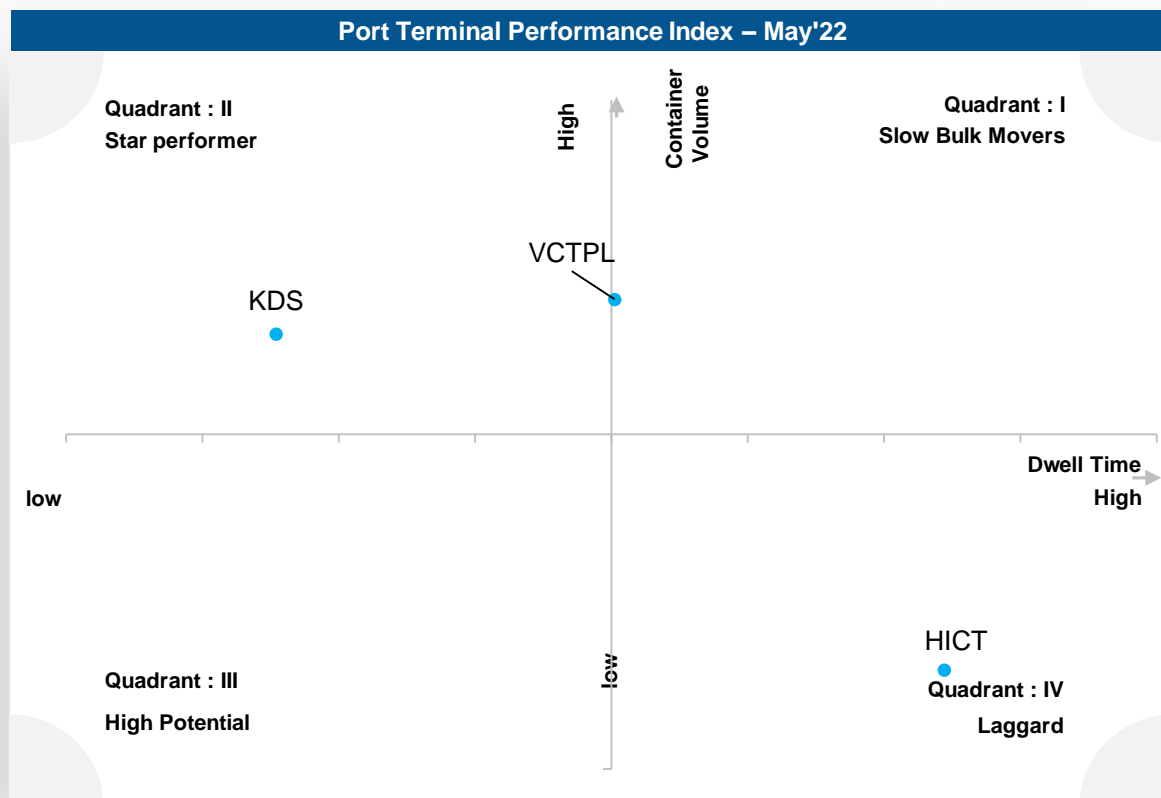
The marked entries showcase increase in performance in comparison to Apr'22





The marked entries showcase decrease in performance in comparison to Apr'22

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 Eastern Corridor for May'22

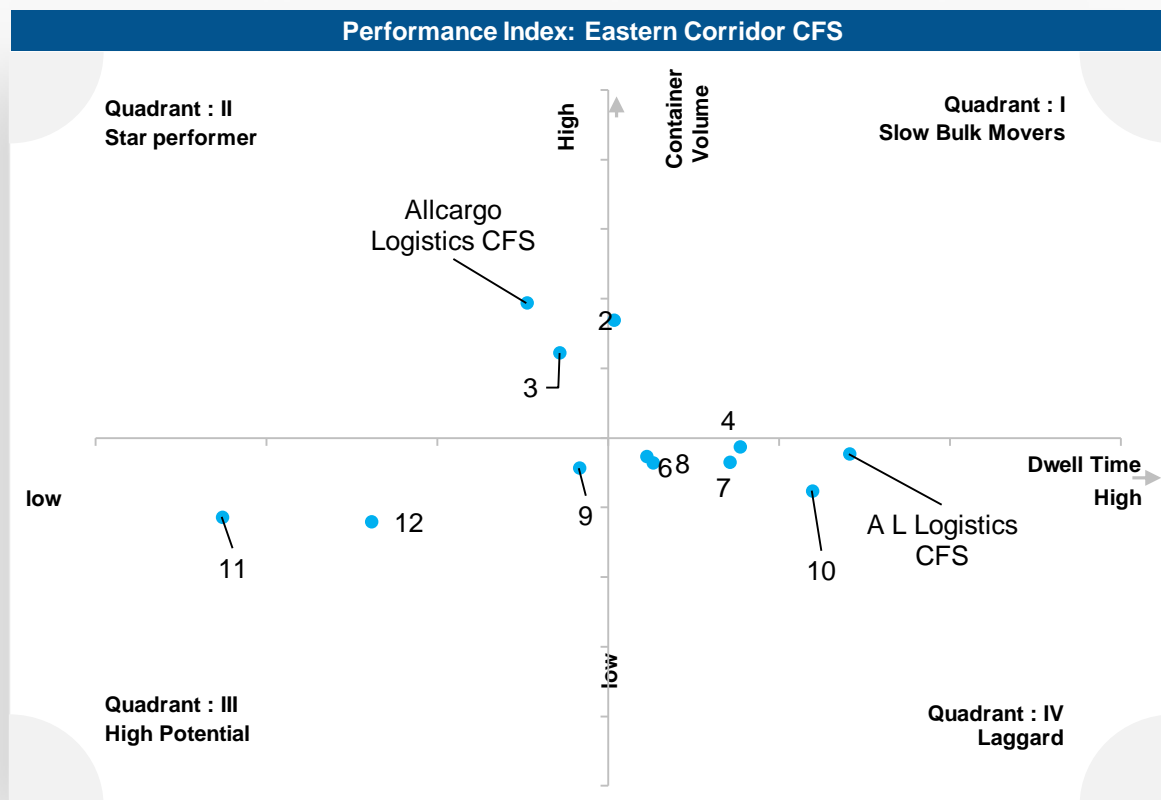
Top Performing Terminal		
Kolkata Dock System (KDS)		
Apr'22	May'22	
57.7 hrs	68.9 hrs	
Low Performing Terminal		
Haldia International Container Terminal (HICT)		
Apr'22	May'22	
144.0 hrs	96.0 hrs	

Note: The performance benchmarking is based on performance index

↑ ↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Apr'22

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

Performance Benchmarking - CFSs



Kindly refer to Annexure section for the names of CFS

Performance benchmarking for CFS covered under LDB project in Eastern Corridor for May'22

Top Performing Terminal	
Allcargo Logistics CFS	
Apr'22	May'22
127.5 hrs	110.3 hrs
Low Performing Terminal	
A L Logistics CFS	
Apr'22	May'22
148.1 hrs	157.8 hrs

Note: The performance benchmarking is based on performance index

↑ ↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Apr'22

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

Annexure



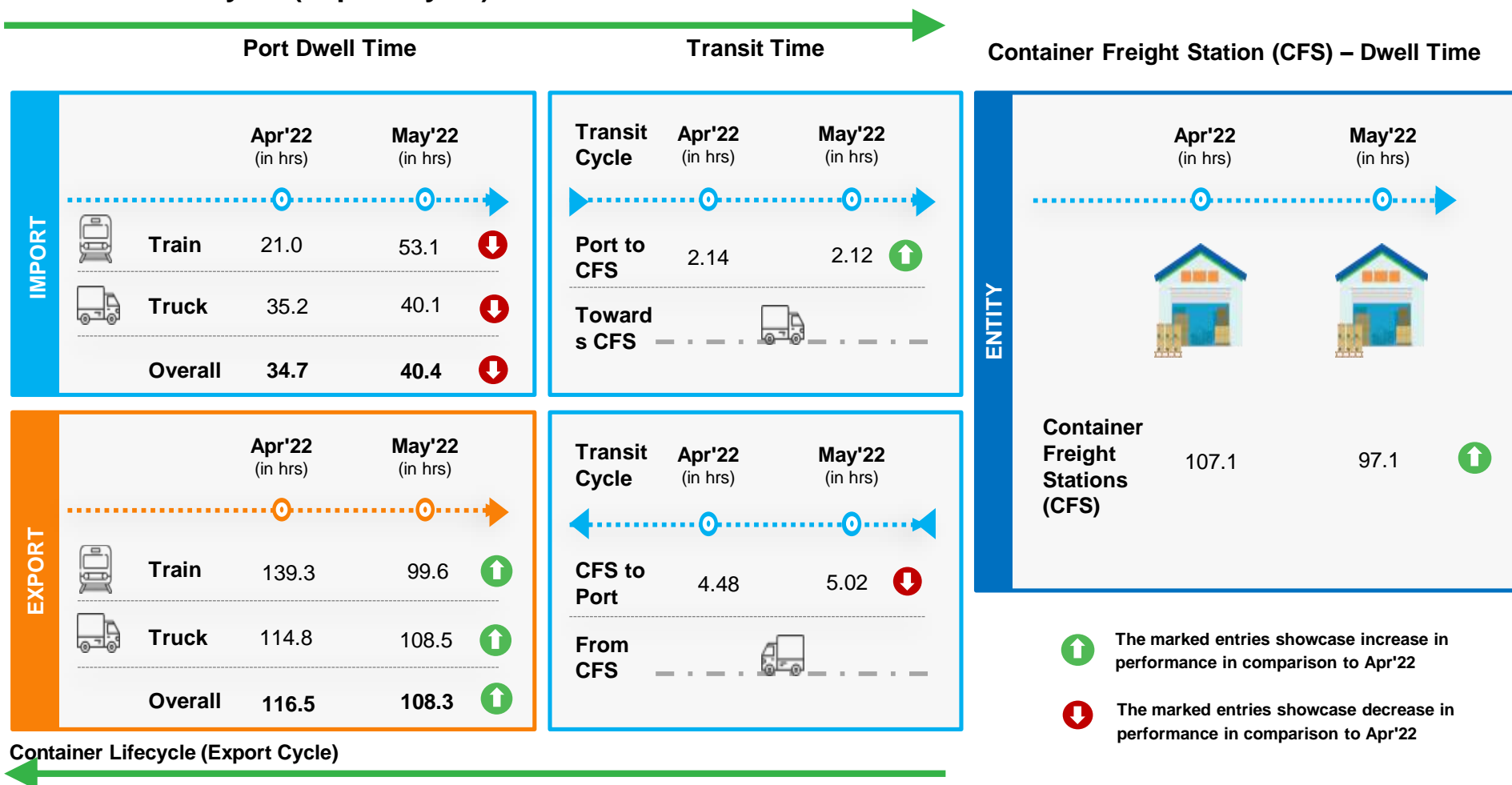


**Individual Terminal
Performance In**

Southern Corridor

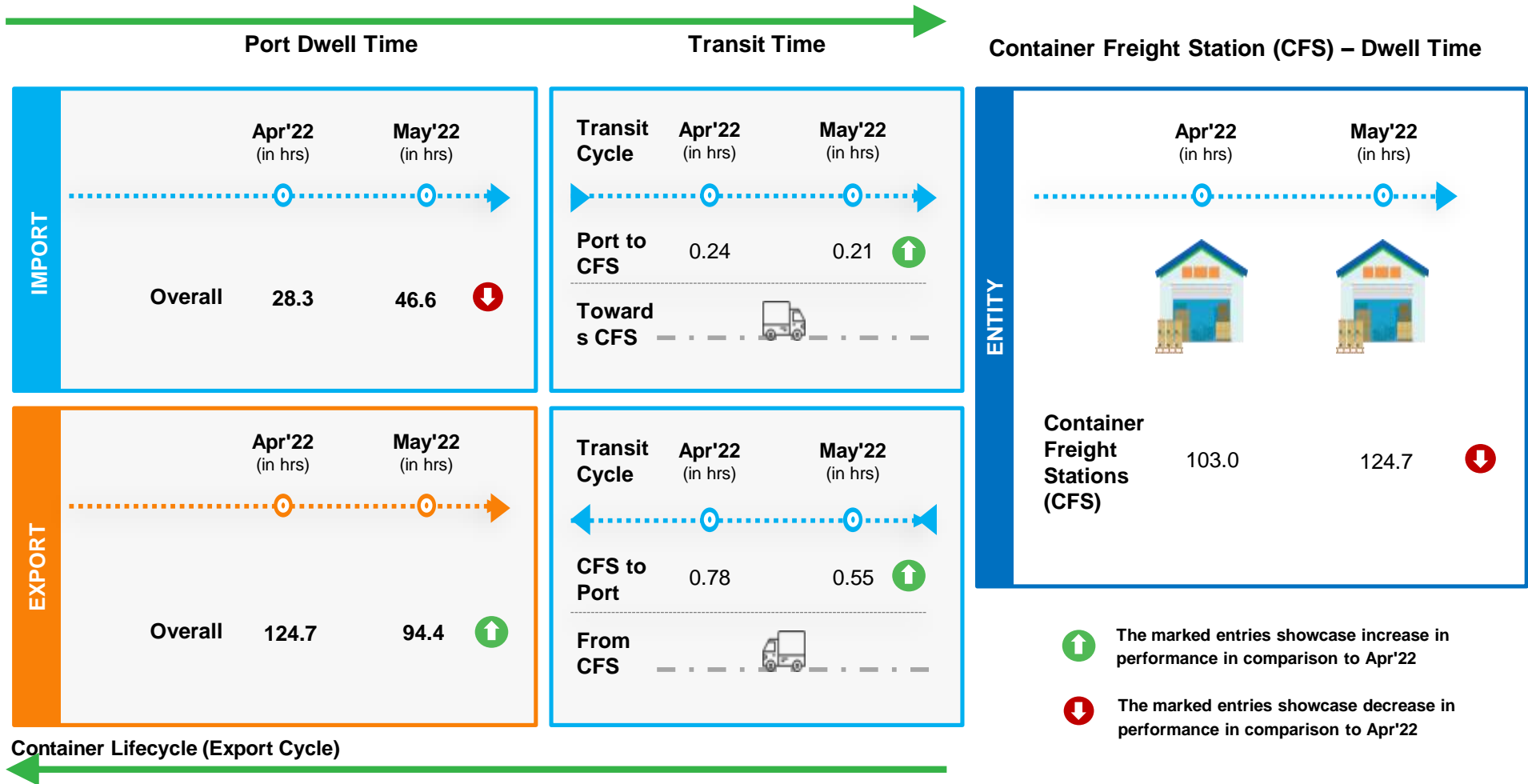
Chennai Port Terminals: Container Transportation

Container Lifecycle (Import Cycle)



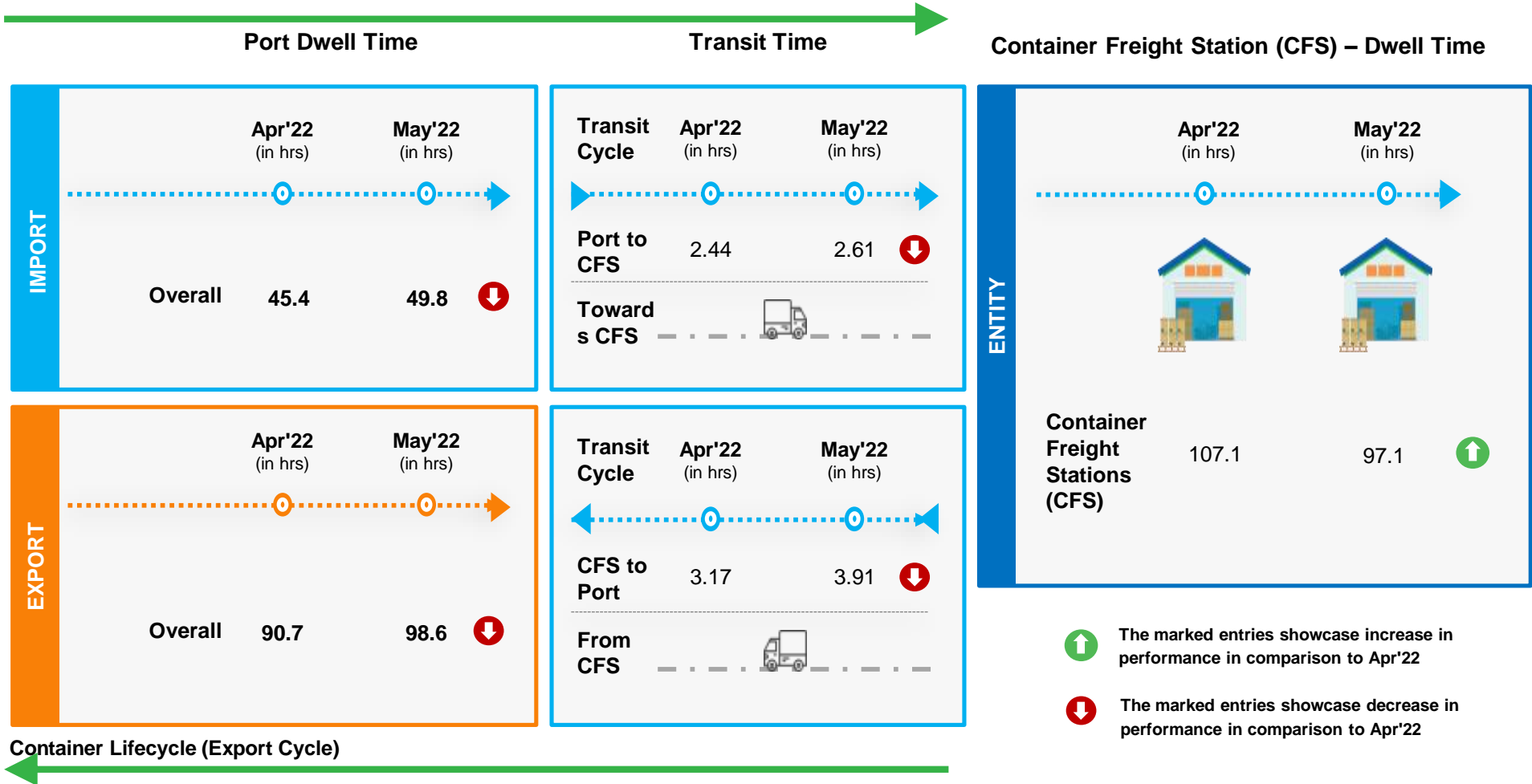
Kochi Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



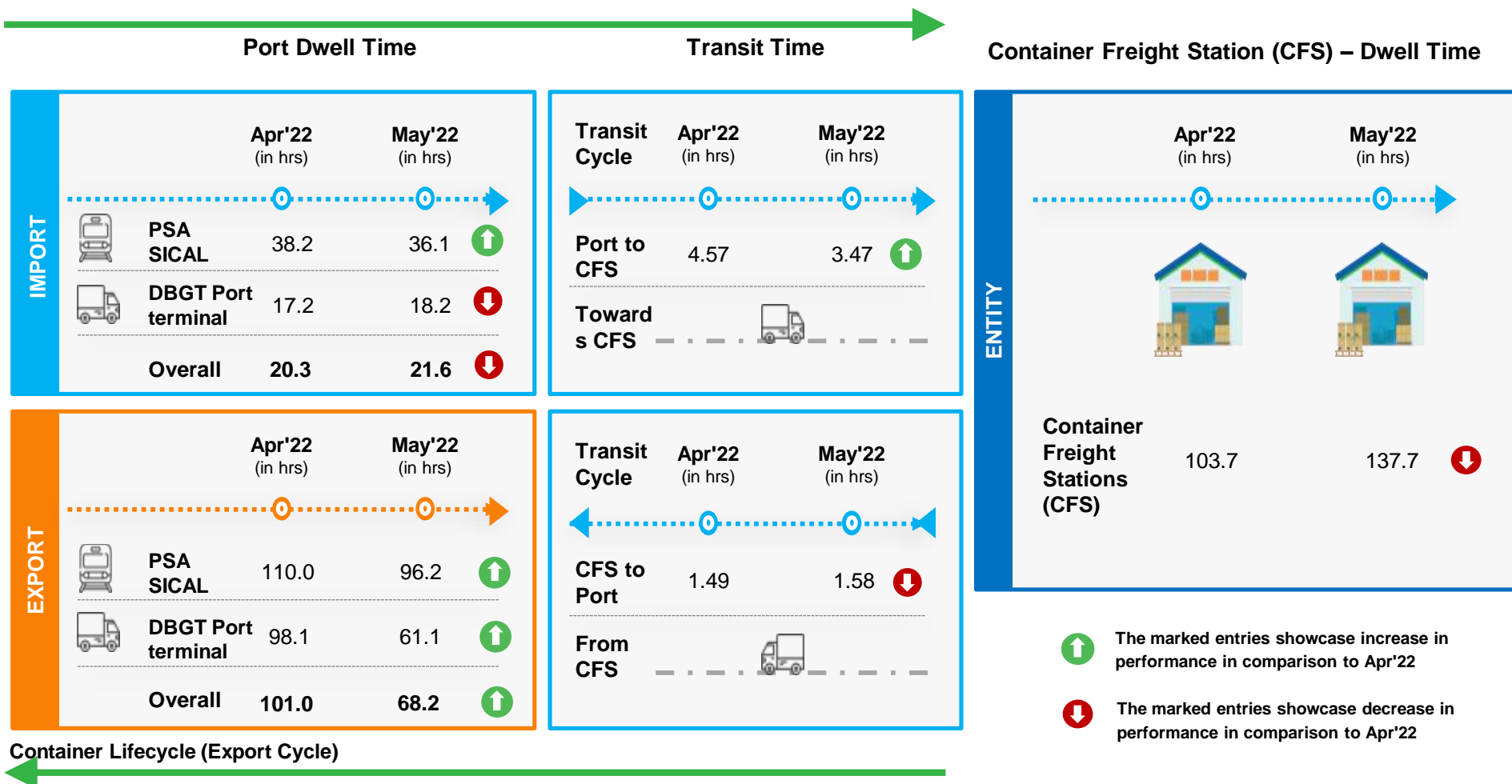
Kattupalli Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



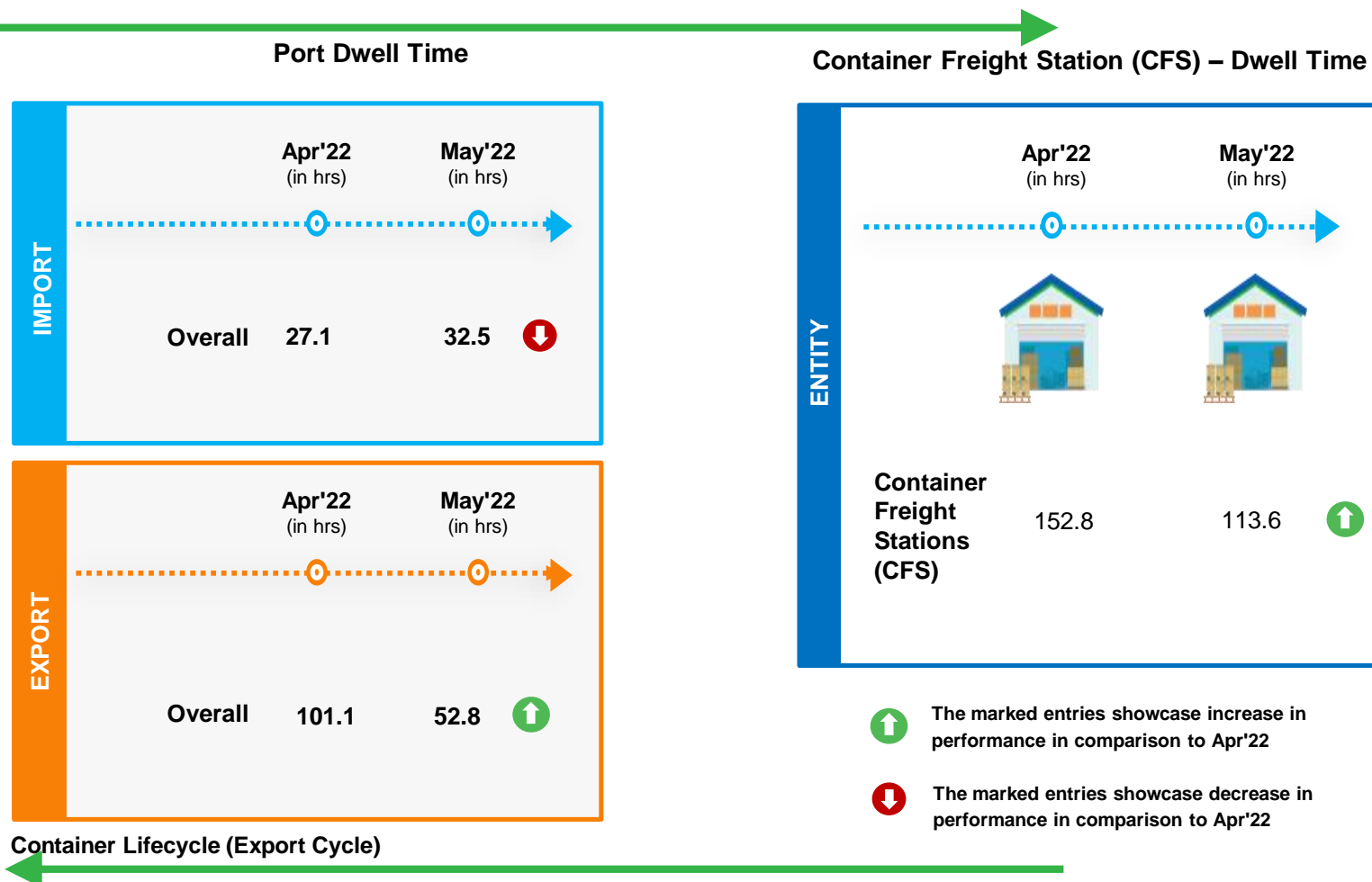
Tuticorin Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)





Krishnapatnam Port Terminal: Container Transportation



Container Lifecycle (Import Cycle)



Container Lifecycle (Import Cycle)




Port Dwell Time

IMPORT		Apr'22 (in hrs)	May'22 (in hrs)	
				
	Train	24.7	23.5	↑
				
	Truck	41.0	43.3	↓
Overall		40.6	42.5	↓

EXPORT		Apr'22 (in hrs)	May'22 (in hrs)	
				
	Train	105.2	78.9	↑
				
	Truck	111.9	104.6	↑
Overall		111.8	103.9	↑

Container Lifecycle (Export Cycle)

Container Freight Stations(CFS)– Dwell Time

ENTITY	Apr'22 (in hrs)	May'22 (in hrs)	
			
Container Freight Stations (CFS)	107.1	97.1	

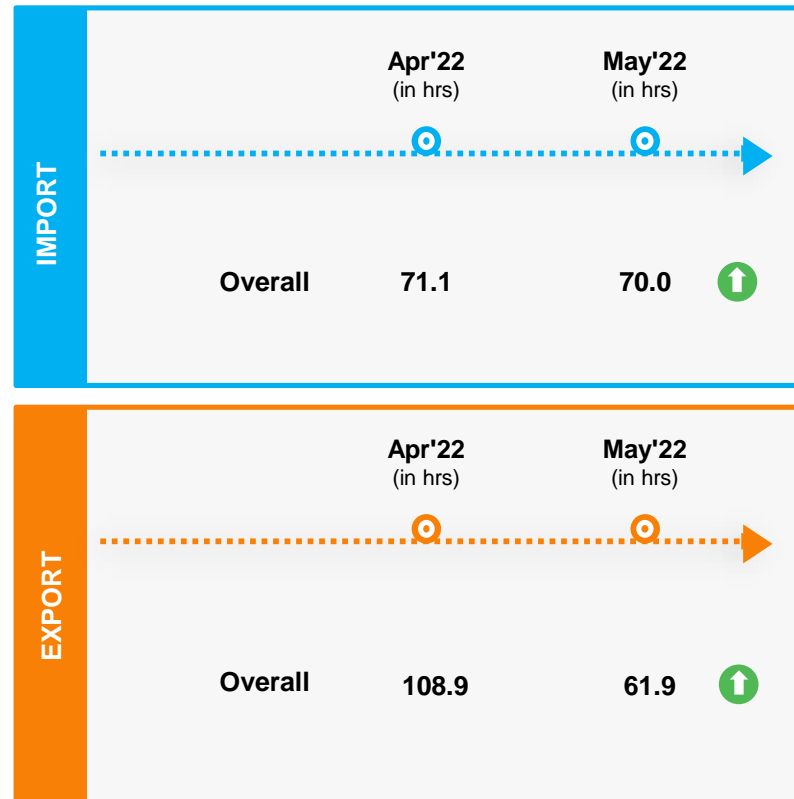


The marked entries showcase increase in performance in comparison to Apr'22



The marked entries showcase decrease in performance in comparison to Apr'22

Port Dwell Time



The marked entries showcase increase in performance in comparison to Apr'22



The marked entries showcase decrease in performance in comparison to Apr'22

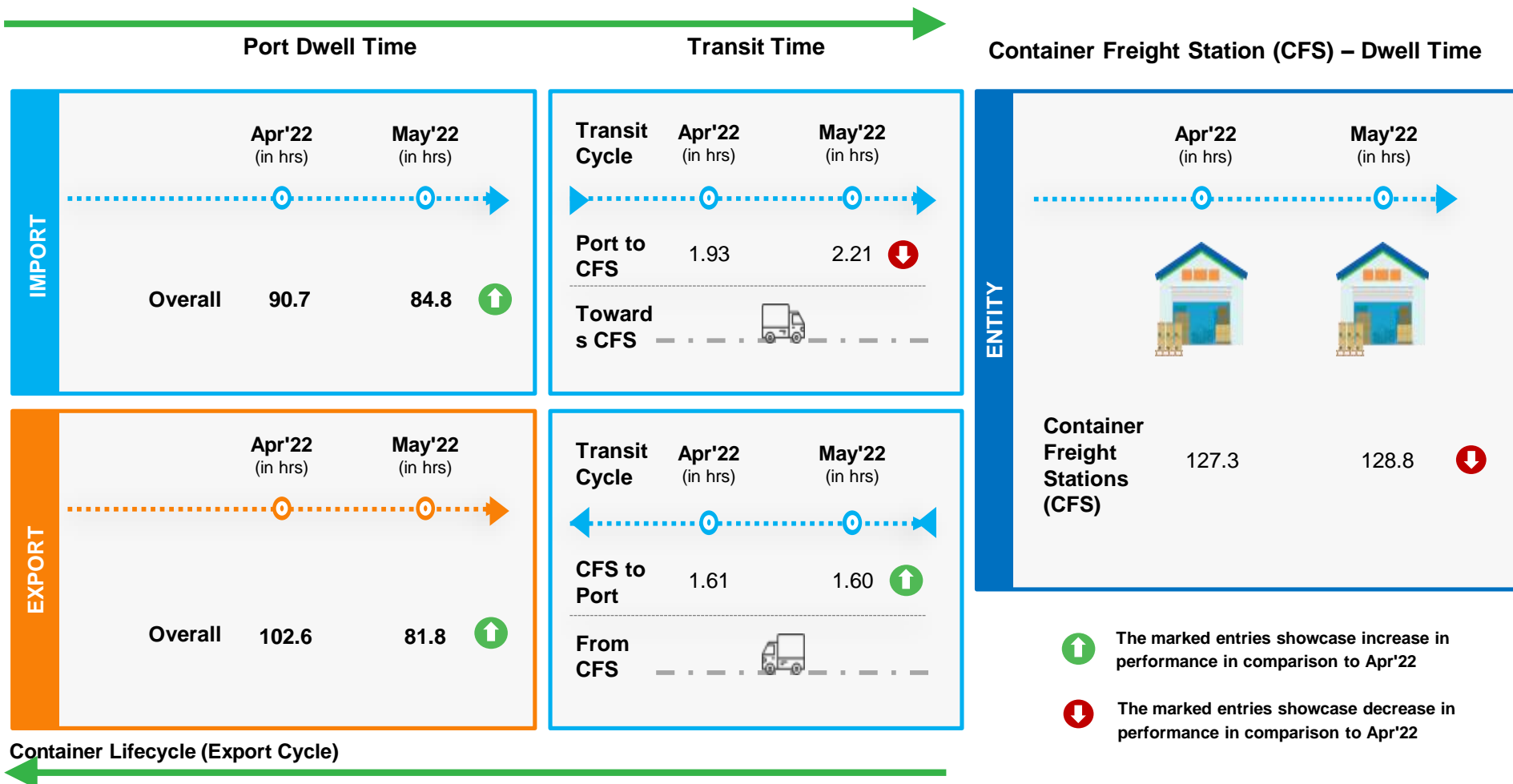


Individual Terminal Performance In Eastern Corridor



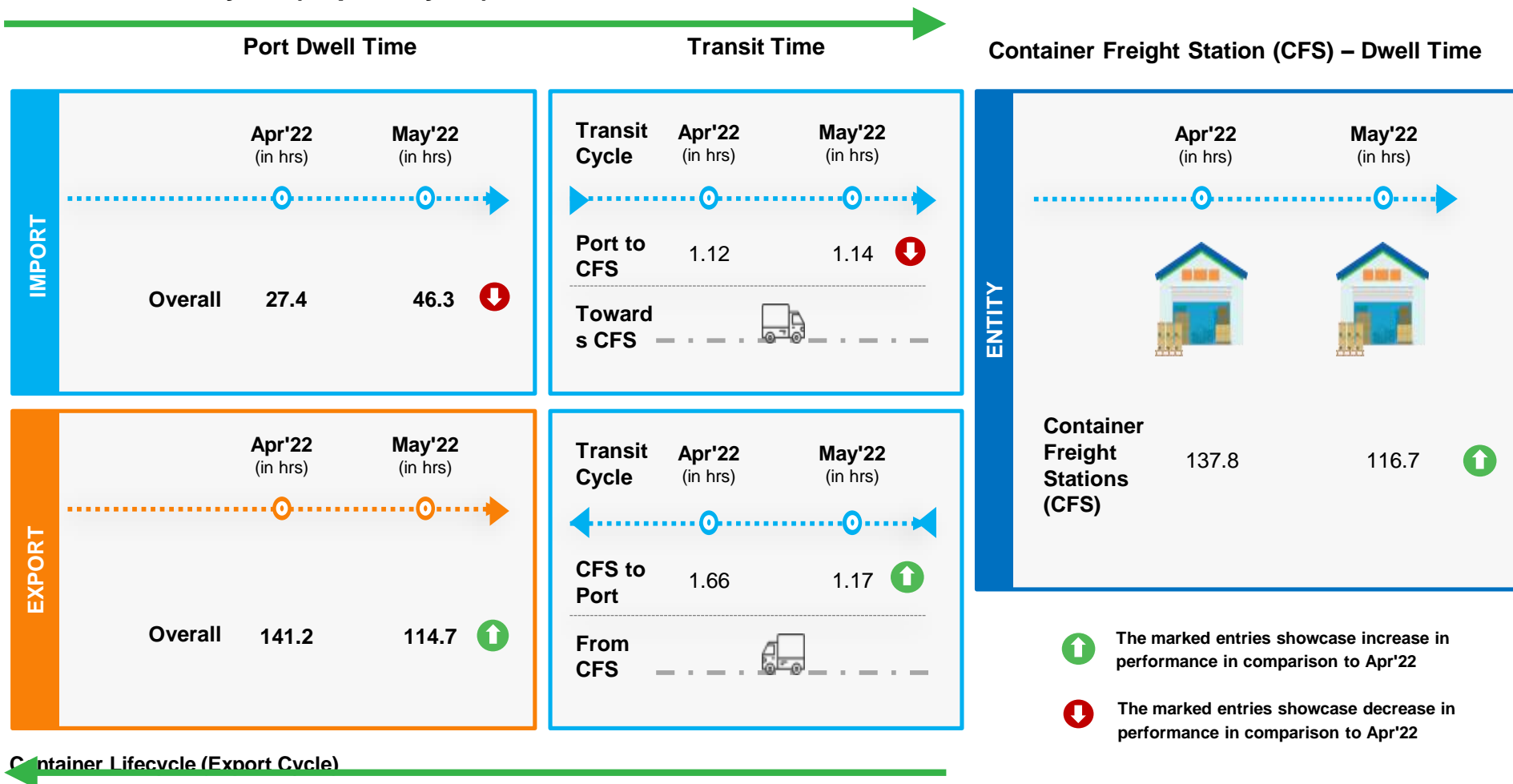
Vishakhapatnam Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



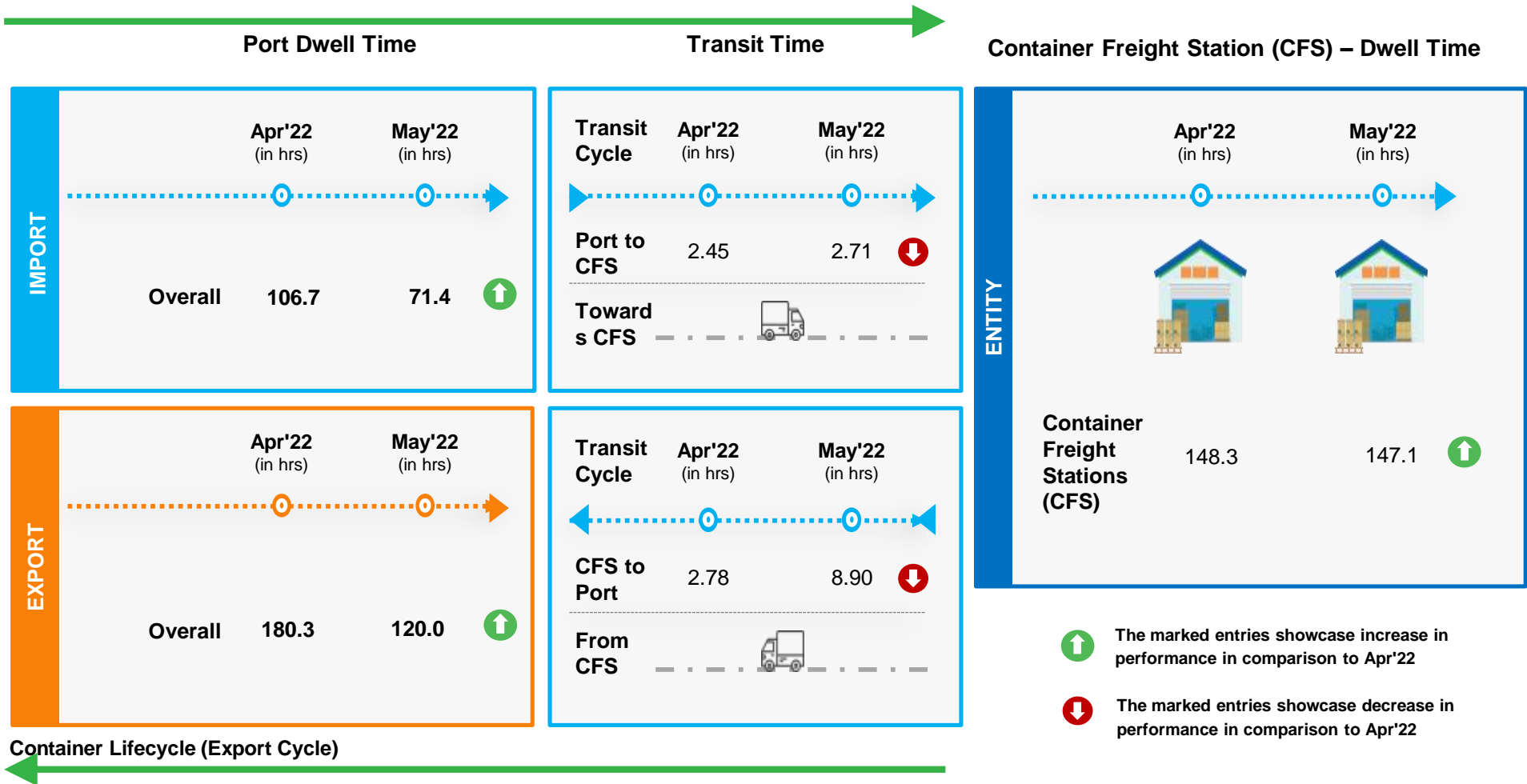
Kolkata Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



Haldia Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



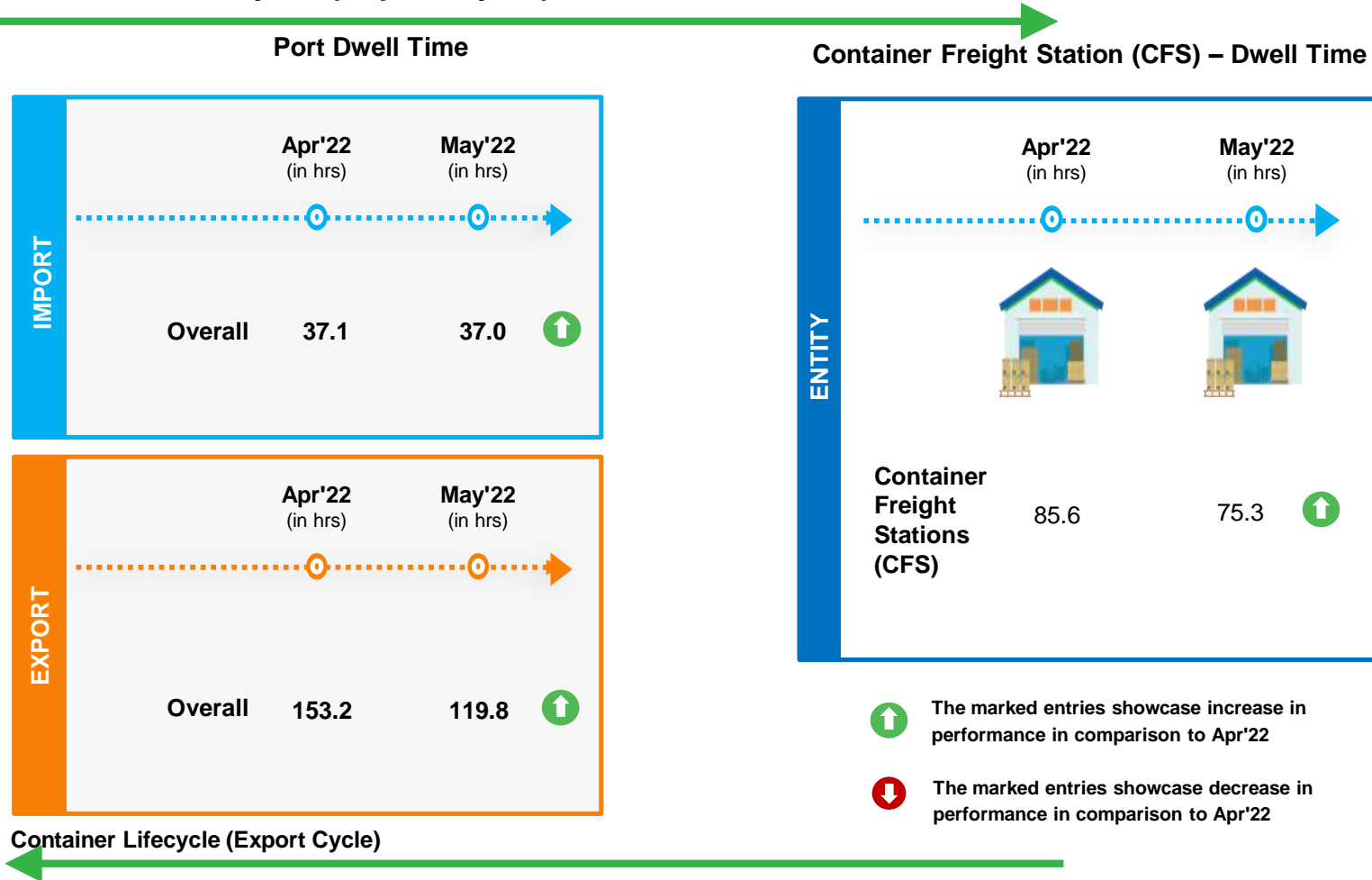


Individual Terminal Performance In Western Corridor

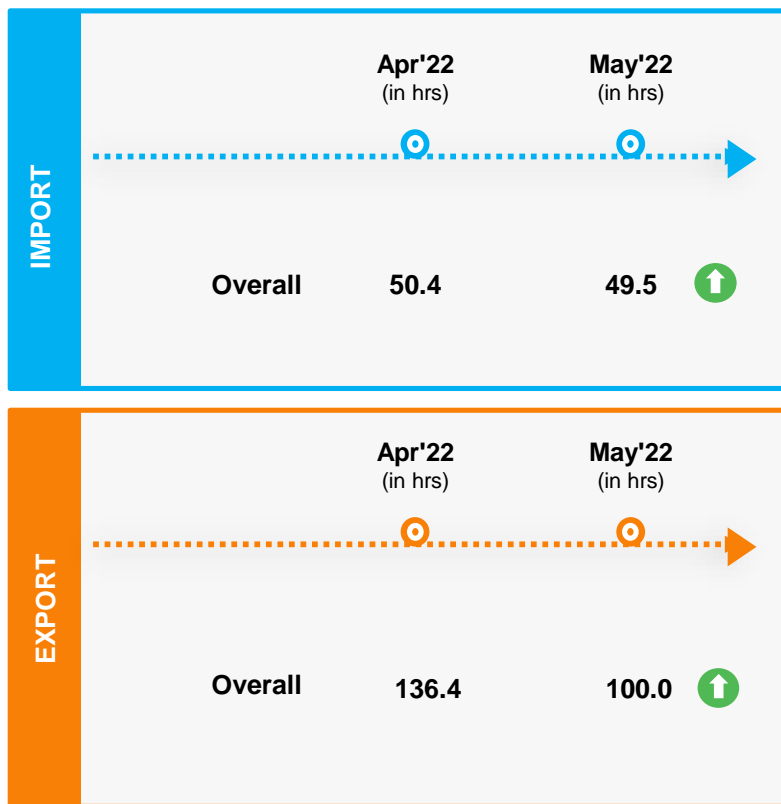


Pipavav Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



Port Dwell Time

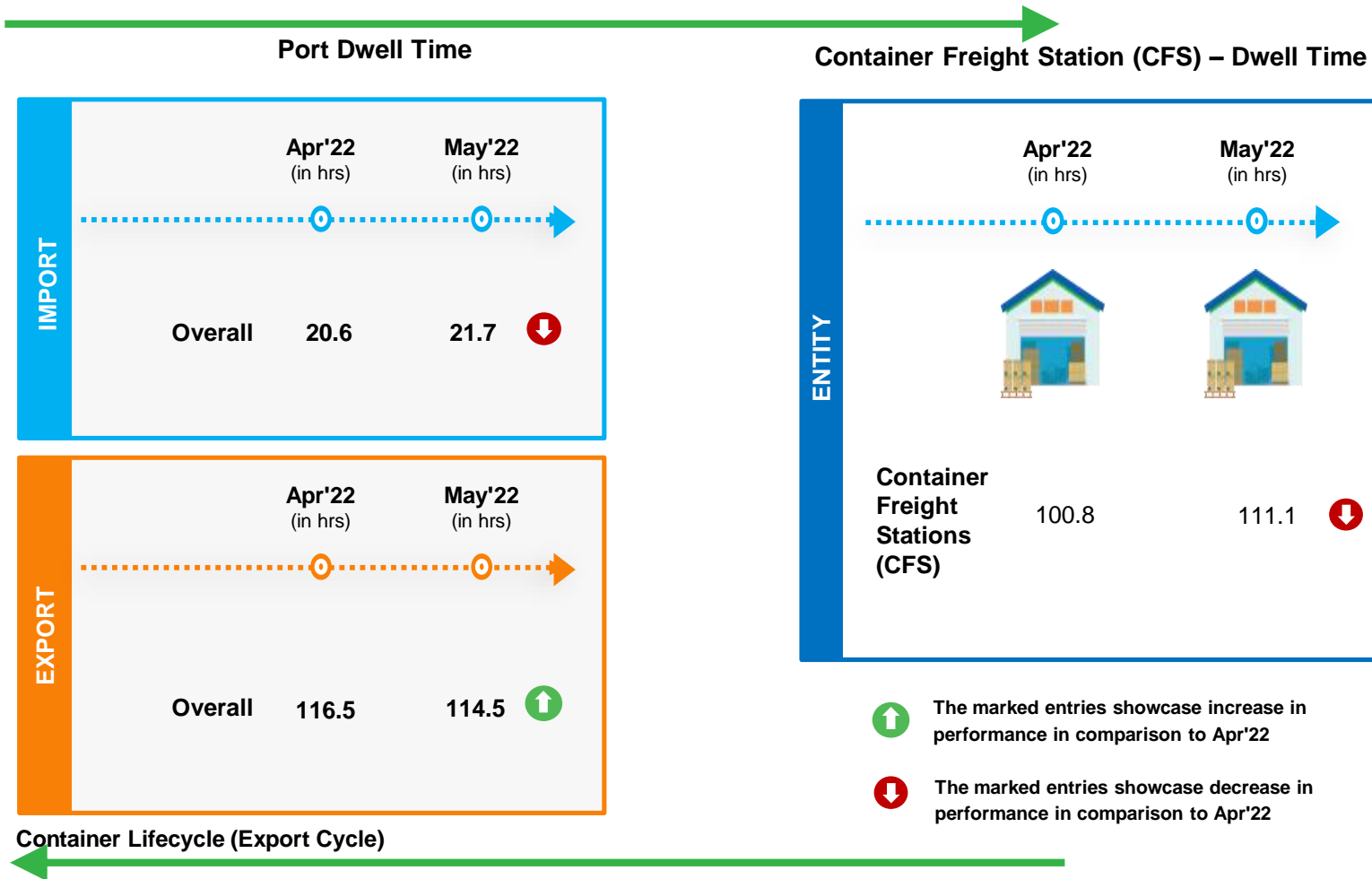


↑ The marked entries showcase increase in performance in comparison to Apr'22

↓ The marked entries showcase decrease in performance in comparison to Apr'22

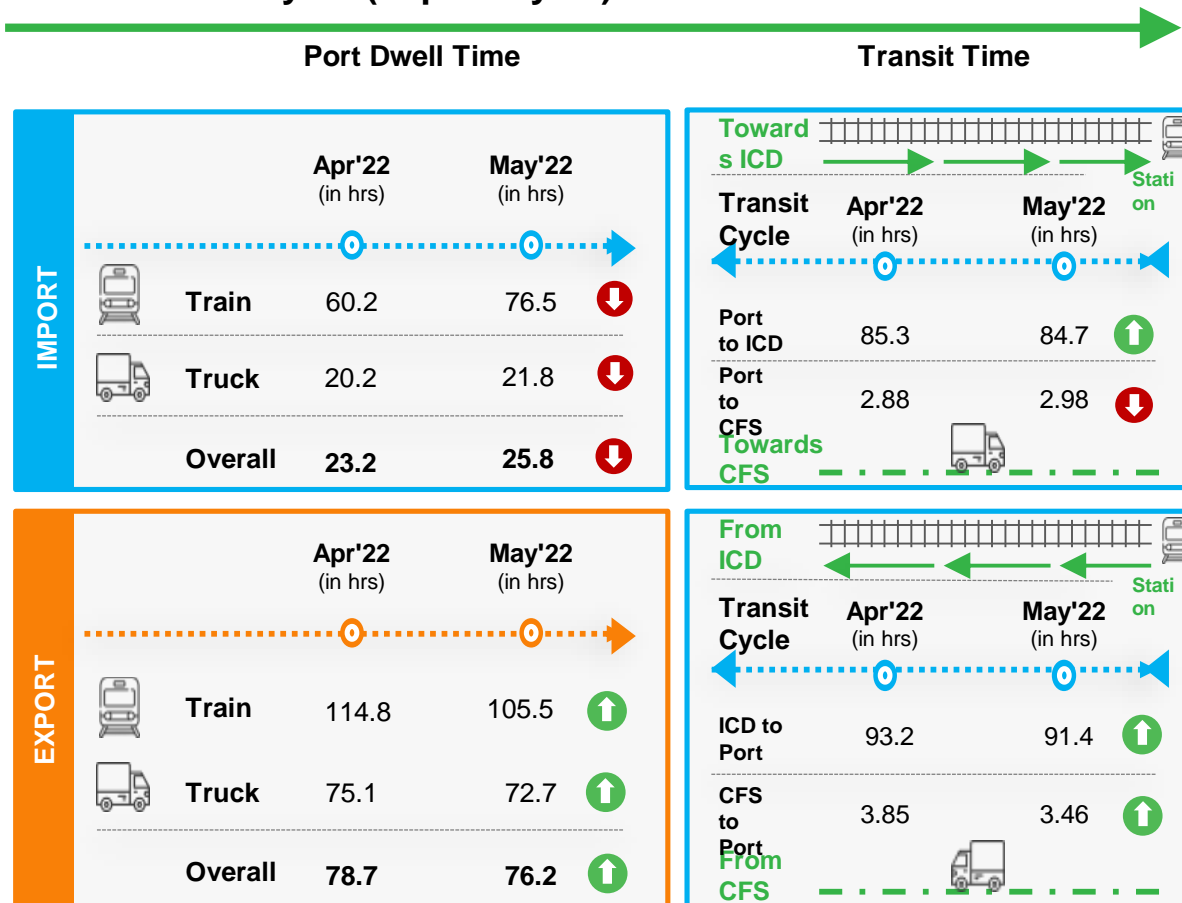
Hazira Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



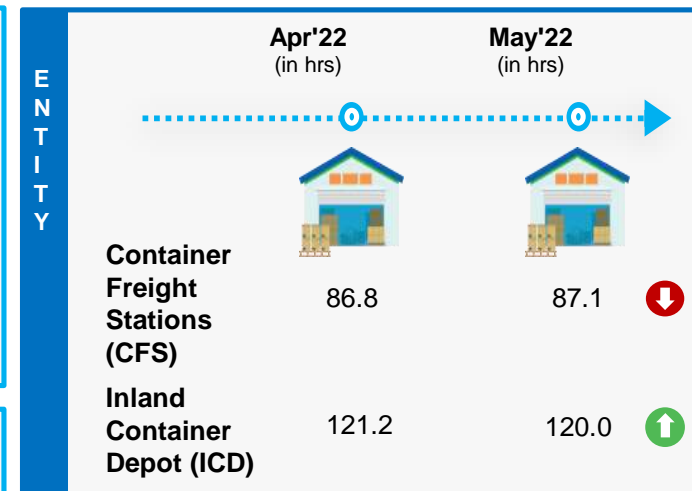
Container Transportation- JNPT Port Terminals

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	18%	19%
Truck	82%	81%



The marked entries showcase increase in performance in comparison to Apr'22



The marked entries showcase decrease in performance in comparison to Apr'22

Container Transportation- JNPT Port Terminals

IMPORT CYCLE DWELL TIME (May'22 – in hrs)				
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	25.8	11.2%	↓
	Port Dwell Time for Truck Bound Containers	21.8	7.9%	↓
	Port Dwell time for Train Bound Containers	76.5	27.1%	↓
	Port Dwell time Direct Port Delivery (DPD) containers	38.8	13.8%	↓
	Port Dwell time Containers bound for CFS	18.7	7.0%	↓
	Port Dwell for Empty Containers	39.5	38.1%	↓
	Port Dwell for Laden Containers	22.9	6.5%	↓
Transit time	Port to ICD	84.7	0.7%	↑
	Port to CFS	2.98	3.5%	↓
EXPORT CYCLE DWELL TIME (May'22– in hrs)				
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	76.2	3.2%	↑
	Port Dwell Time for Truck Bound Containers	72.7	3.2%	↑
	Port Dwell time for Train Bound Containers	105.5	8.1%	↑
	Port Dwell time Direct Port Entry (DPE) containers	78.6	0.3%	↓
	Port Dwell time Containers bound from CFS	73.9	2.6%	↓
	Port Dwell for Empty Containers	70.7	3.1%	↓
	Port Dwell for Laden Containers	77.3	4.0%	↑
Transit time	ICD to Port	91.4	1.9%	↑
	CFS to Port	3.46	10.1%	↑

Compared to Apr'22

Compared to Apr'22

↑↓ The arrows depict increase/decrease in performance of the stakeholders in comparison to Apr'22

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	Apr'22 (in hrs)	May'22 (in hrs)
Overall Parking Plaza	5.30	5.52

Container Handled: Day wise (May'22)

Parking Plaza	Within 6 hrs	Within 6- 24 hrs	More than 24 hrs
JNPT Central Parking Plaza	54%	42%	4%

Parking Plaza Gate Out – Terminal In

Mode	Apr'22 (in hrs)	May'22 (in hrs)
Overall Parking Plaza to JNPT Port	1.45	1.49

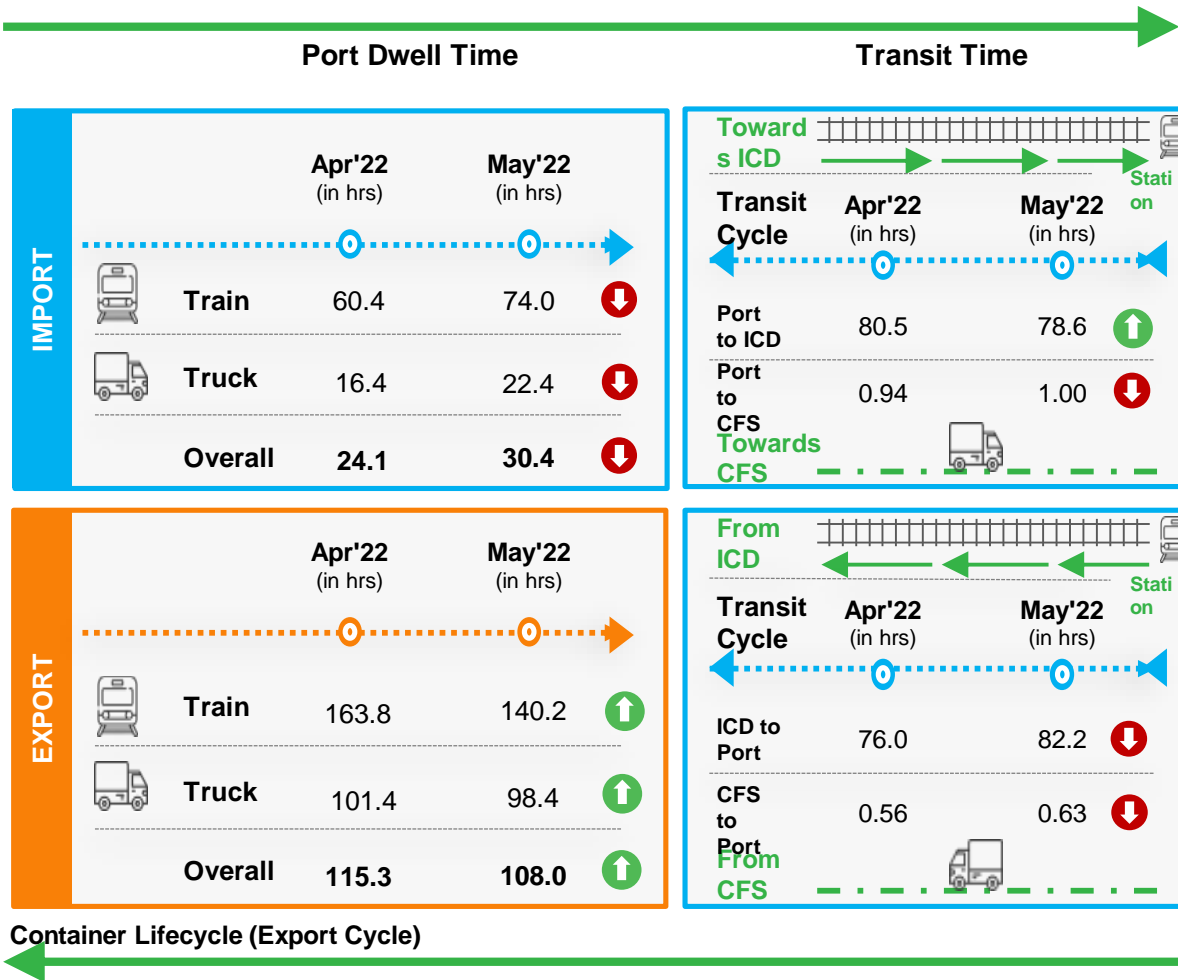
Port	Apr'22 (in hrs)	May'22 (in hrs)
JNPCT	0.5	1.2
NSICT	0.8	1.0
GTI	1.5	0.8
NSIGT	0.9	1.7
BMCT	3.8	3.0

Container Handled: Day wise (May'22)

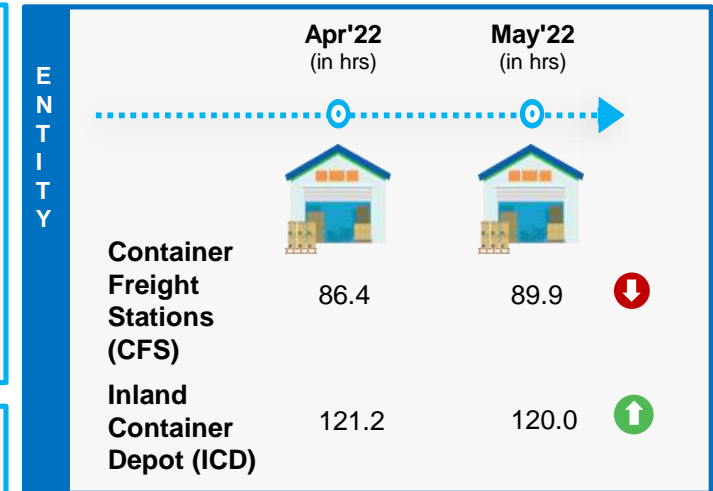
Port Terminals	Within 6 hrs	Within 6- 24 hrs	More than 24 hrs
JNPCT	80%	19%	1%
NSICT	95%	4%	0%
GTI	98%	2%	0%
NSIGT	97%	3%	0%
BMCT	81%	19%	1%

Mundra Port Terminal : Container Transportation

Container Lifecycle (Import Cycle)



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



Volume distribution at port terminal – Truck/Rail

	Import	Export
Rail	29%	33%
Truck	71%	67%

- ↑ The marked entries showcase increase in performance in comparison to Apr'22
- ↓ The marked entries showcase decrease in performance in comparison to Apr'22

Container Transportation- Mundra Port Terminal

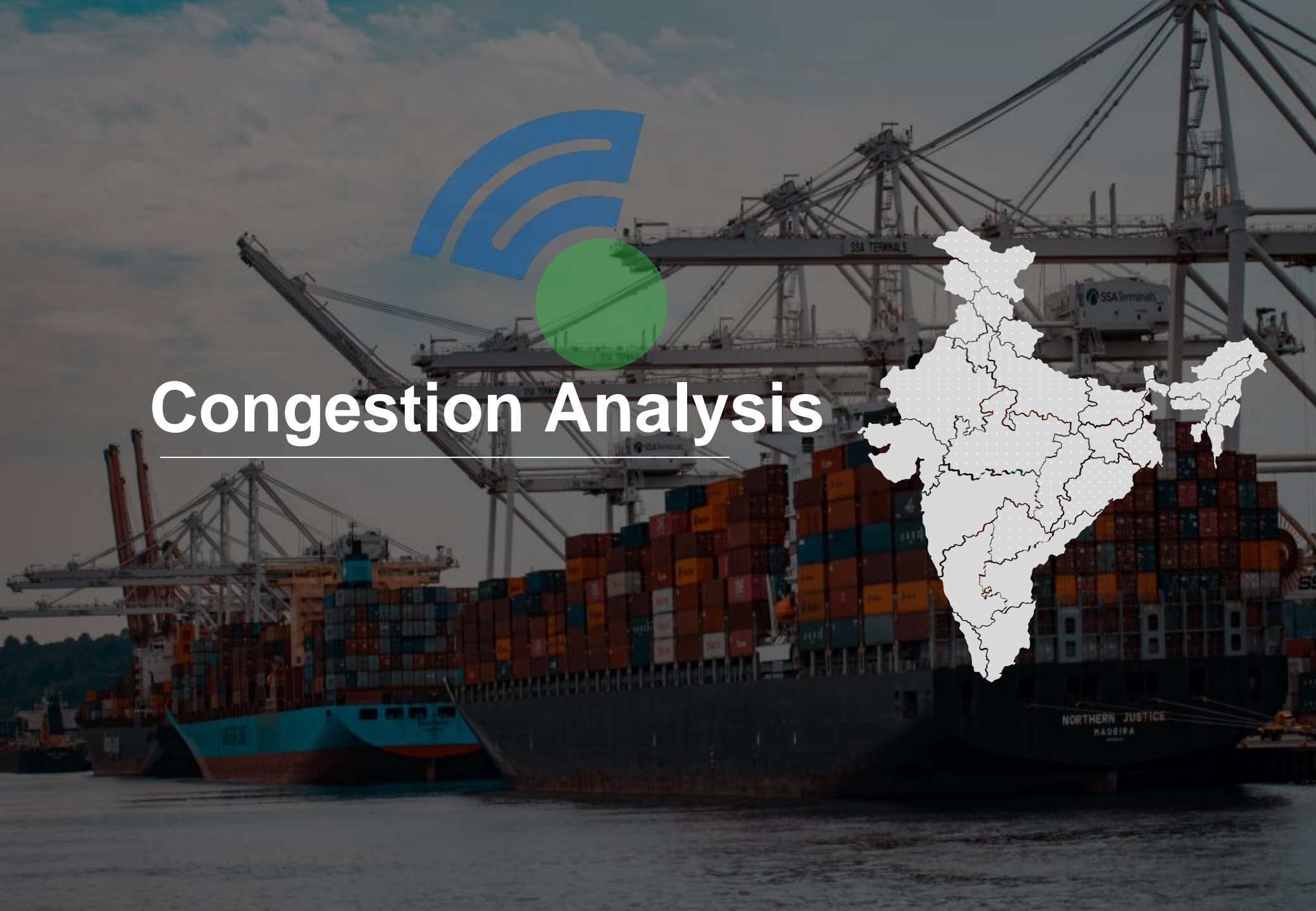
IMPORT CYCLE DWELL TIME (May'22– in hrs)				
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	30.4	26.1%	↓
	Port Dwell Time for Truck Bound Containers	22.4	36.6%	↓
	Port Dwell time for Train Bound Containers	74.0	22.5%	↓
Transit time	Port to ICD	78.6	2.4%	↑
	Port to CFS	1.00	6.4%	↓
EXPORT CYCLE DWELL TIME (May'22– in hrs)				
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	108.0	6.4%	↑
	Port Dwell Time for Truck Bound Containers	98.4	3.0%	↑
	Port Dwell time for Train Bound Containers	140.2	14.4%	↑
Transit time	ICD to Port	82.2	8.2%	↓
	CFS to Port	0.63	12.5%	↓

Compared
to Apr'22

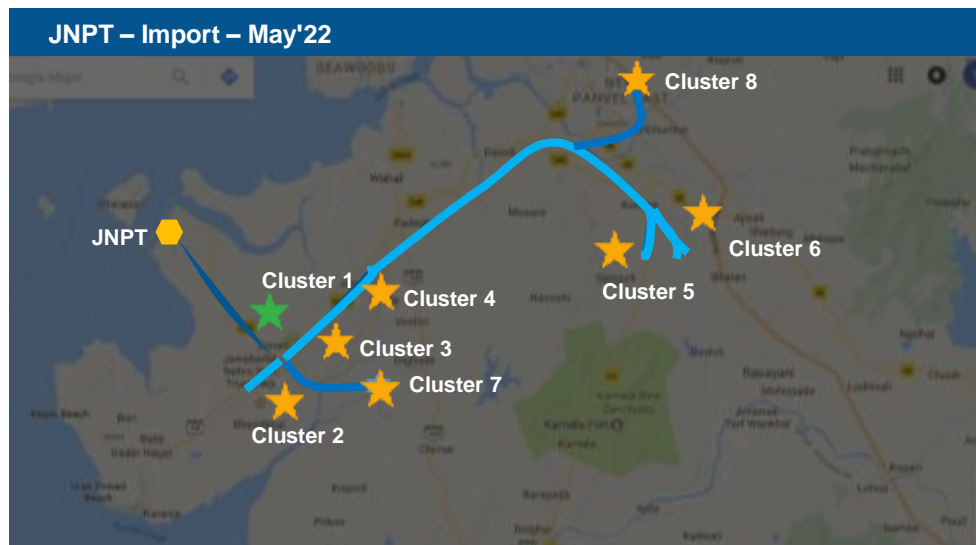


The arrows depict increase/decrease in performance of the stakeholders in comparison to Apr'22

Congestion Analysis



JNPT Region: Congestion Analysis

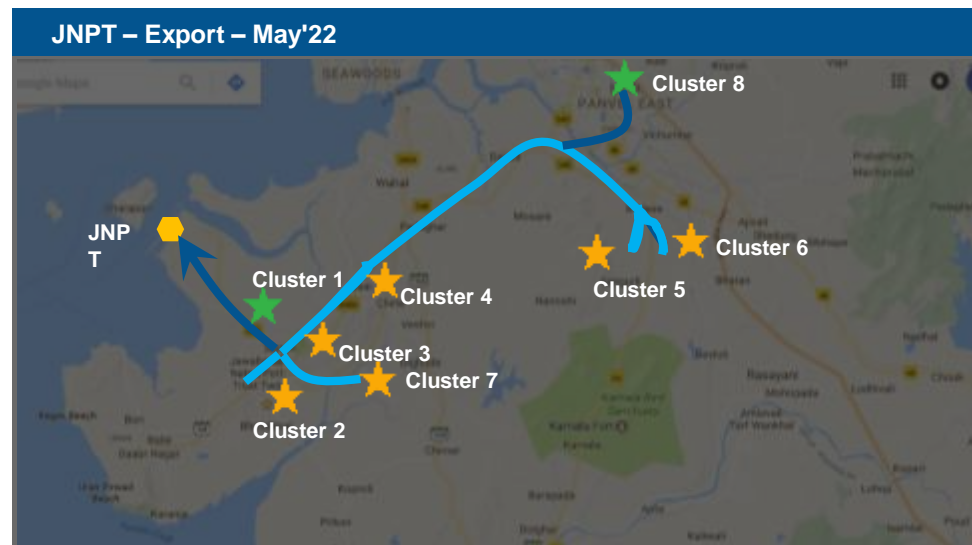


Clusters with bottleneck	
Cluster 1	JNPT area
Clusters without bottleneck	
Cluster 2	Bhendkhal area, khopate road
Cluster 3	Sonari area,jnpt road
Cluster 4	Chirle area, JNPT road
Cluster 5	Plaspa area, coach kanyakumari highway
Cluster 6	Salva apta rd area, bangalore highway
Cluster 7	Patilpada area,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

Legends

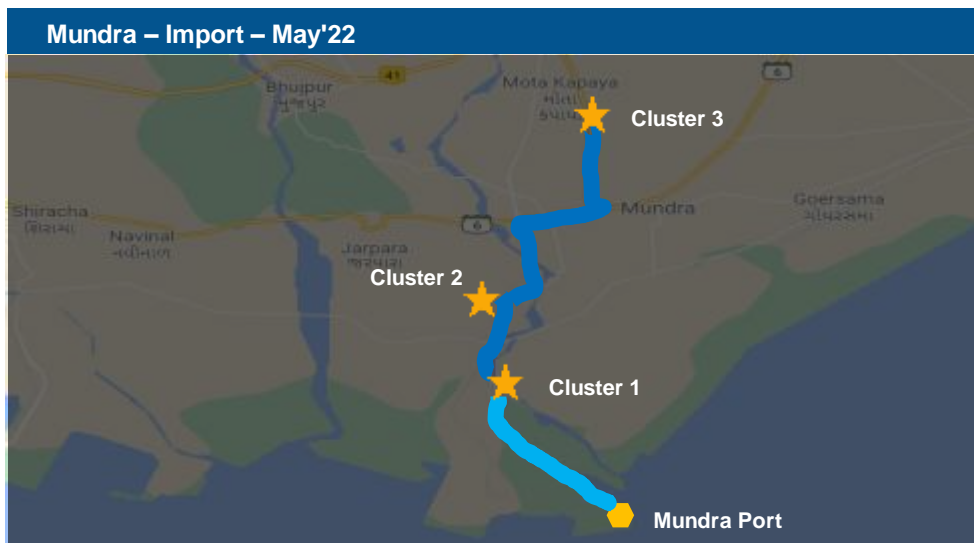
High Congestion Medium Congestion Low Congestion

Cluster with bottleneck Cluster without bottleneck



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

Mundra Region: Congestion Analysis



Clusters with bottleneck	
Clusters without bottleneck	
Cluster 1	APSEZ area
Cluster 2	Hind circle
Cluster 3	Motakapaya



Clusters with bottleneck	
Clusters without bottleneck	
Cluster 1	APSEZ area
Cluster 2	Hind circle
Cluster 3	Motakapaya

Legends

High Congestion

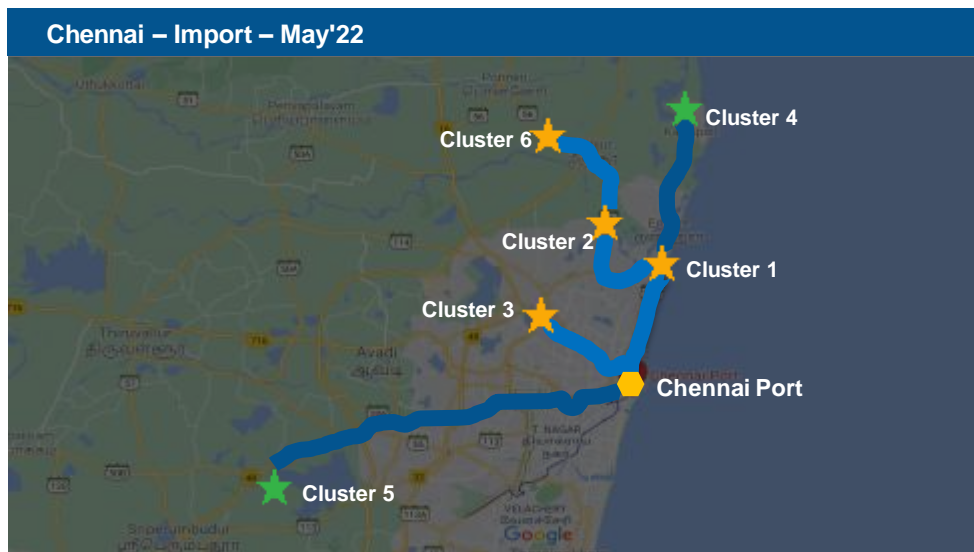
Medium Congestion

Low Congestion

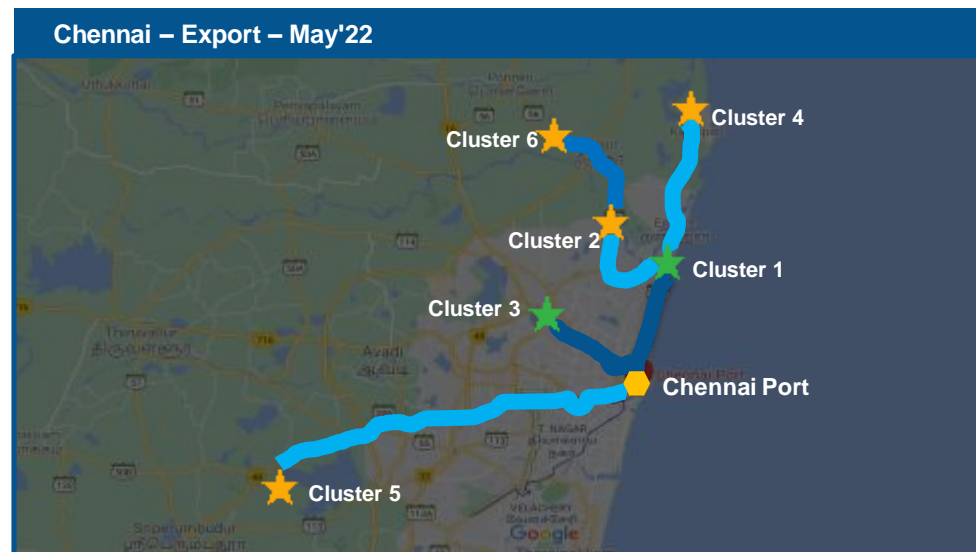
★ Cluster with bottleneck

★ Cluster without bottleneck

Chennai Region: Congestion Analysis



Clusters with bottleneck	
Cluster 4	Kattupalli port bound area
Cluster 5	Chennai automotive industry area (Irungatukottai)
Clusters without bottleneck	
Cluster 1	Chennai port bound area
Cluster 2	Ennore port bound area
Cluster 3	Chennai central area
Cluster 6	Thiruvallur Outer city bound area

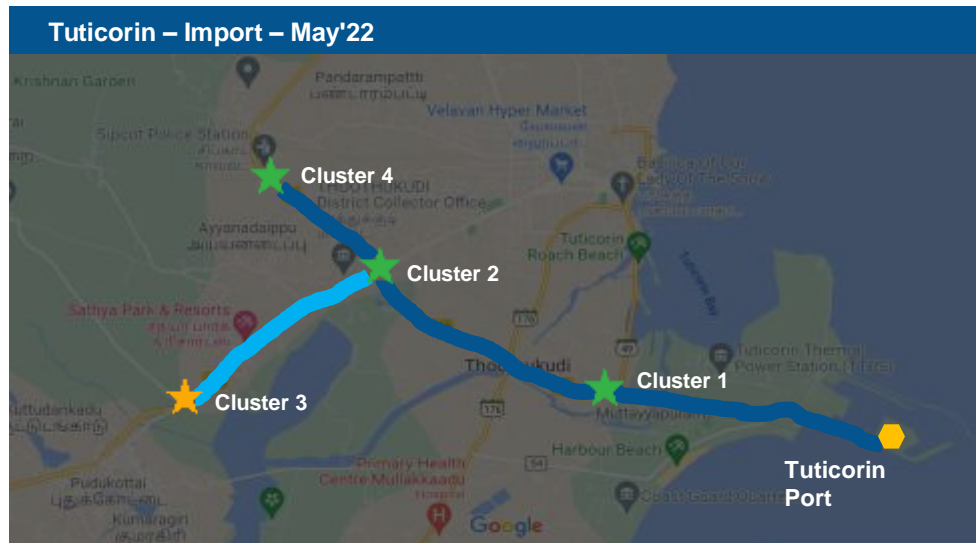


Clusters with bottleneck	
Cluster 1	Chennai port bound area
Cluster 3	Chennai central area
Clusters without bottleneck	
Cluster 2	Ennore port bound area
Cluster 4	Kattupalli port bound area
Cluster 5	Chennai automotive industry area (Irungatukottai)
Cluster 6	Thiruvallur Outer city bound area

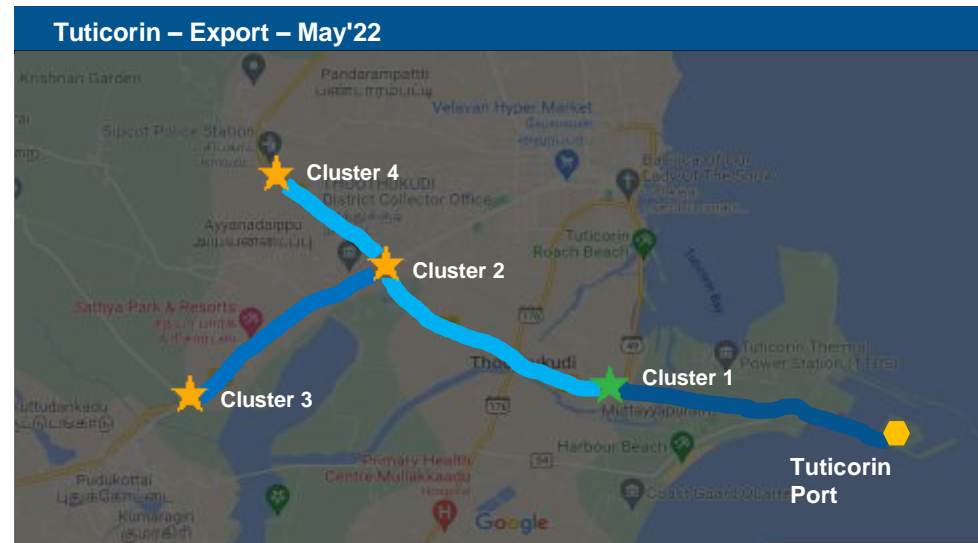
Legends

■ High Congestion
 ■ Medium Congestion
 ■ Low Congestion
 ★ Cluster with bottleneck
 ★ Cluster without bottleneck

Tuticorin Region: Congestion Analysis



Clusters with bottleneck	
Cluster 1	Near by VOC road
Cluster 2	Periyannayagapuram, Thoothukudi near by Madurai road
Cluster 4	Sipcot area near by Madurai road
Clusters without bottleneck	
Cluster 3	Tirunelveli road near by Podukottai

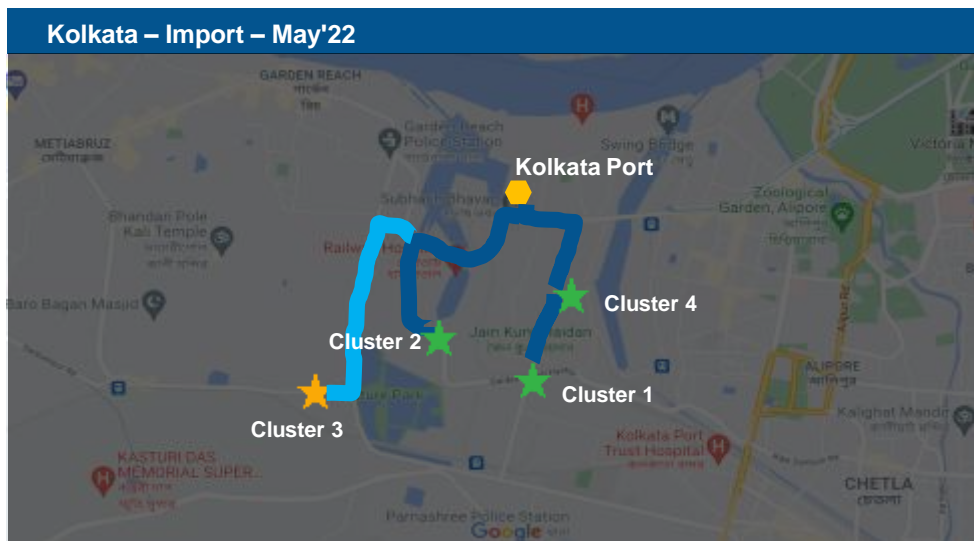


Clusters with bottleneck	
Cluster 1	Near by VOC road
Clusters without bottleneck	
Cluster 2	Periyannayagapuram, Thoothukudi near by Madurai road
Cluster 3	Tirunelveli road near by Podukottai
Cluster 4	Sipcot area near by Madurai road

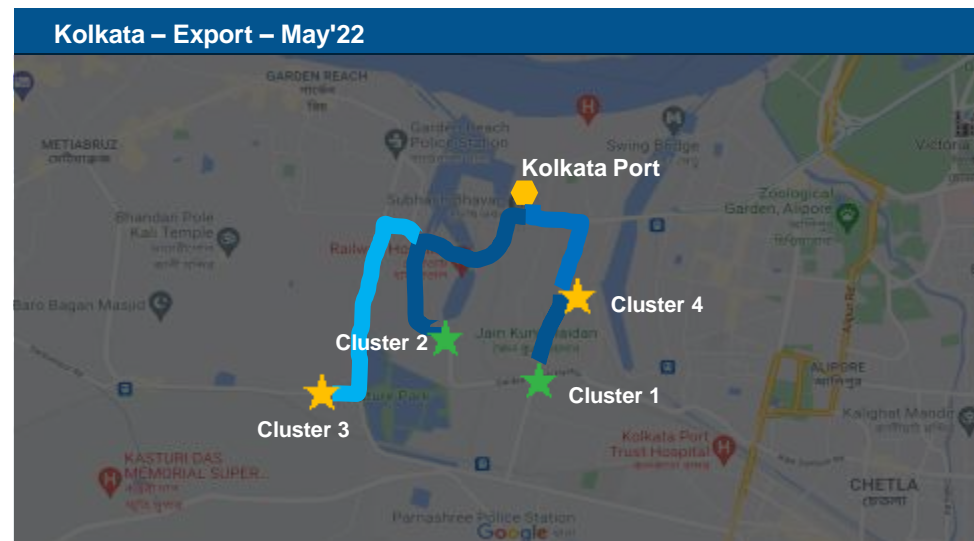
Legends

█ High Congestion
 █ Medium Congestion
 █ Low Congestion
 ★ Cluster with bottleneck
 ★ Cluster without bottleneck

Kolkata Region: Congestion Analysis



Clusters with bottleneck	
Cluster 1	Base bridge area
Cluster 2	Sonapur road area
Cluster 4	Babu bazar area
Clusters without bottleneck	
Cluster 3	Nature park area

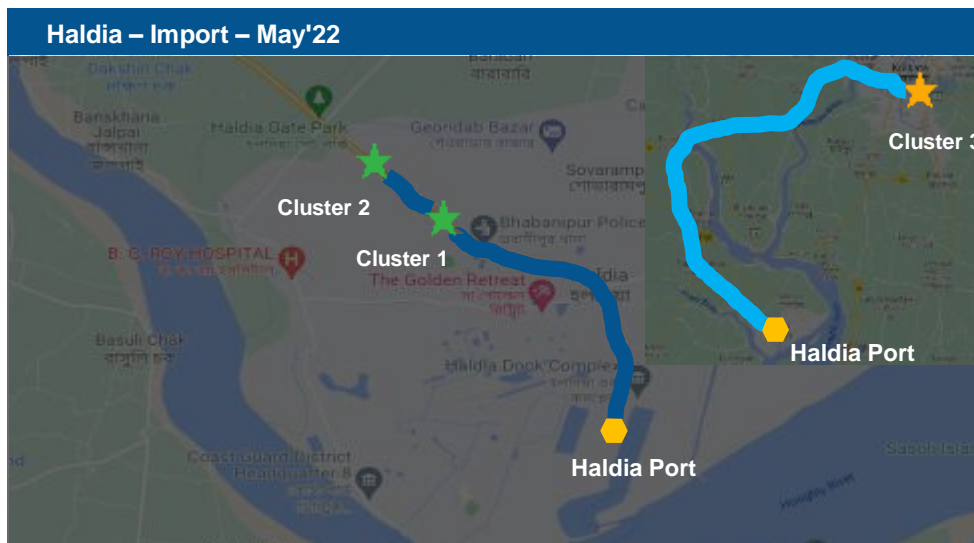


Clusters with bottleneck	
Cluster 1	Base bridge area
Cluster 2	Sonapur road area
Clusters without bottleneck	
Cluster 4	Babu bazar area
Cluster 3	Nature park area

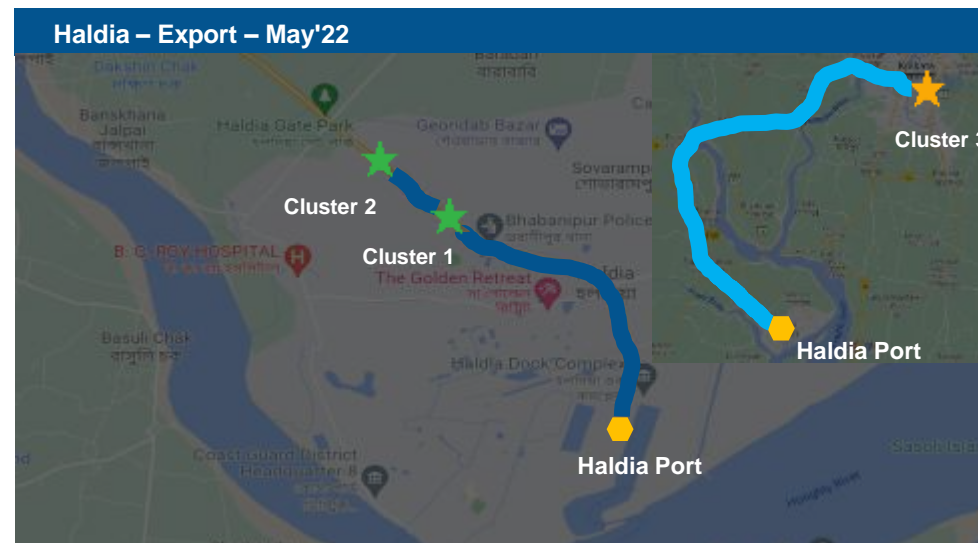
Legends

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

Haldia Region: Congestion Analysis



Clusters with bottleneck	
Cluster 1	Talpukur area, Kolkata highway
Cluster 2	City centre area, Kolkata highway
Clusters without bottleneck	
Cluster 3	Silpodanga area



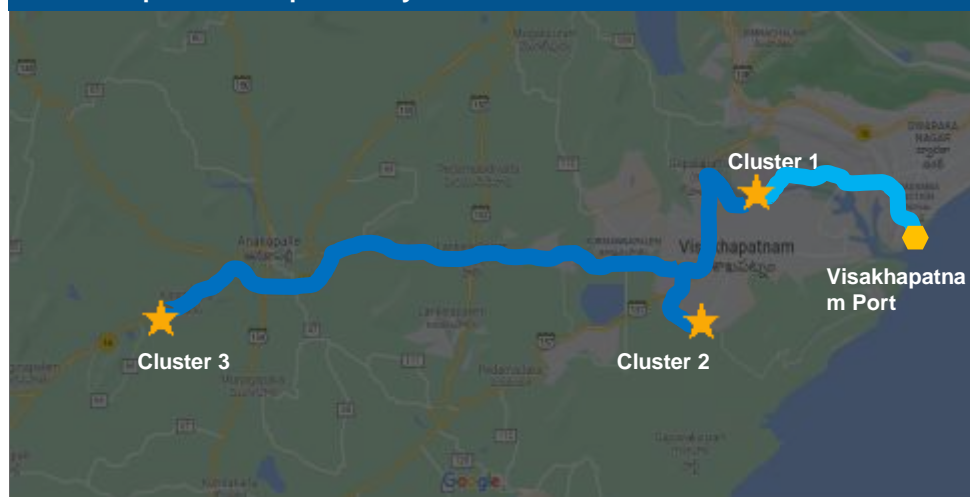
Clusters with bottleneck	
Cluster 1	Talpukur area, Kolkata highway
Cluster 2	City centre area, Kolkata highway
Clusters without bottleneck	
Cluster 3	Silpodanga area

Legends

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

Visakhapatnam Region: Congestion Analysis

Visakhapatnam – Import – May'22

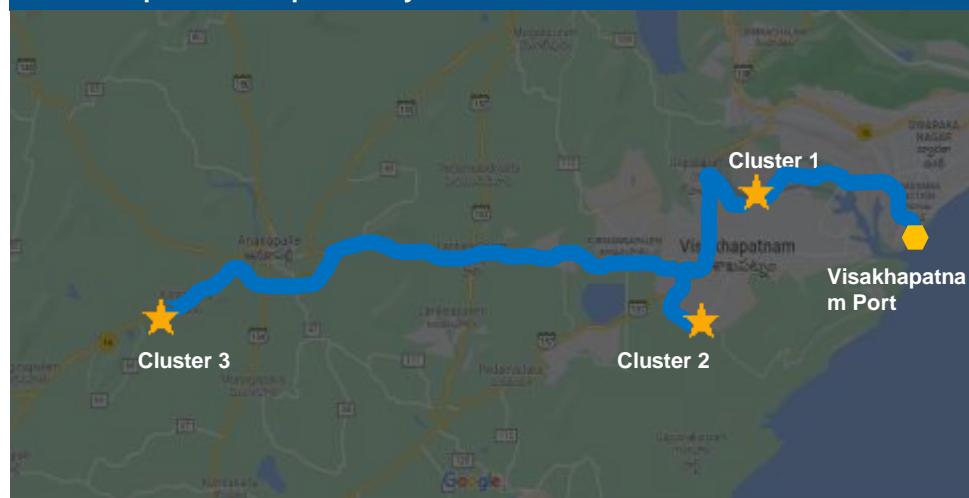


Clusters with bottleneck

Clusters without bottleneck

Cluster 1	Port road, Gopalapatnam area
Cluster 2	Autonagar, Gajuwaka area
Cluster 3	Chennai – Kolkata highway, Bayyavaram area

Visakhapatnam – Export – May'22



Clusters with bottleneck

Clusters without bottleneck

Cluster 1	Port road, Gopalapatnam area
Cluster 2	Autonagar, Gajuwaka area
Cluster 3	Chennai – Kolkata highway, Bayyavaram area

Legends

High Congestion

Medium Congestion

Low Congestion



Cluster with bottleneck



Cluster without bottleneck



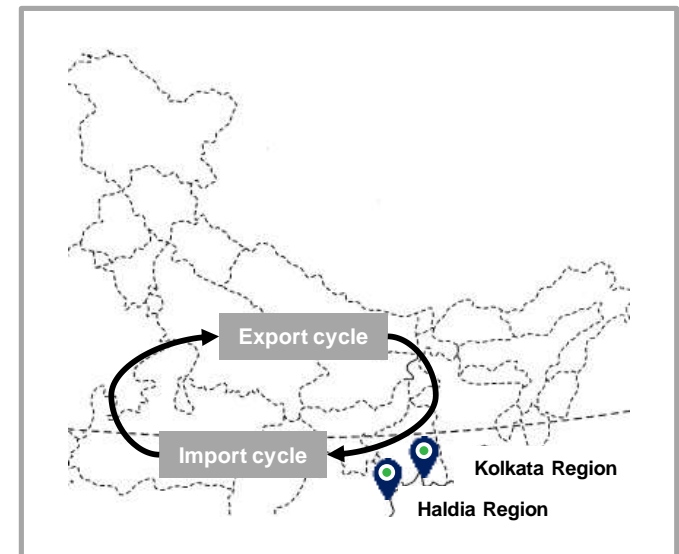
Container Movement across India



Transit movement across ICPs

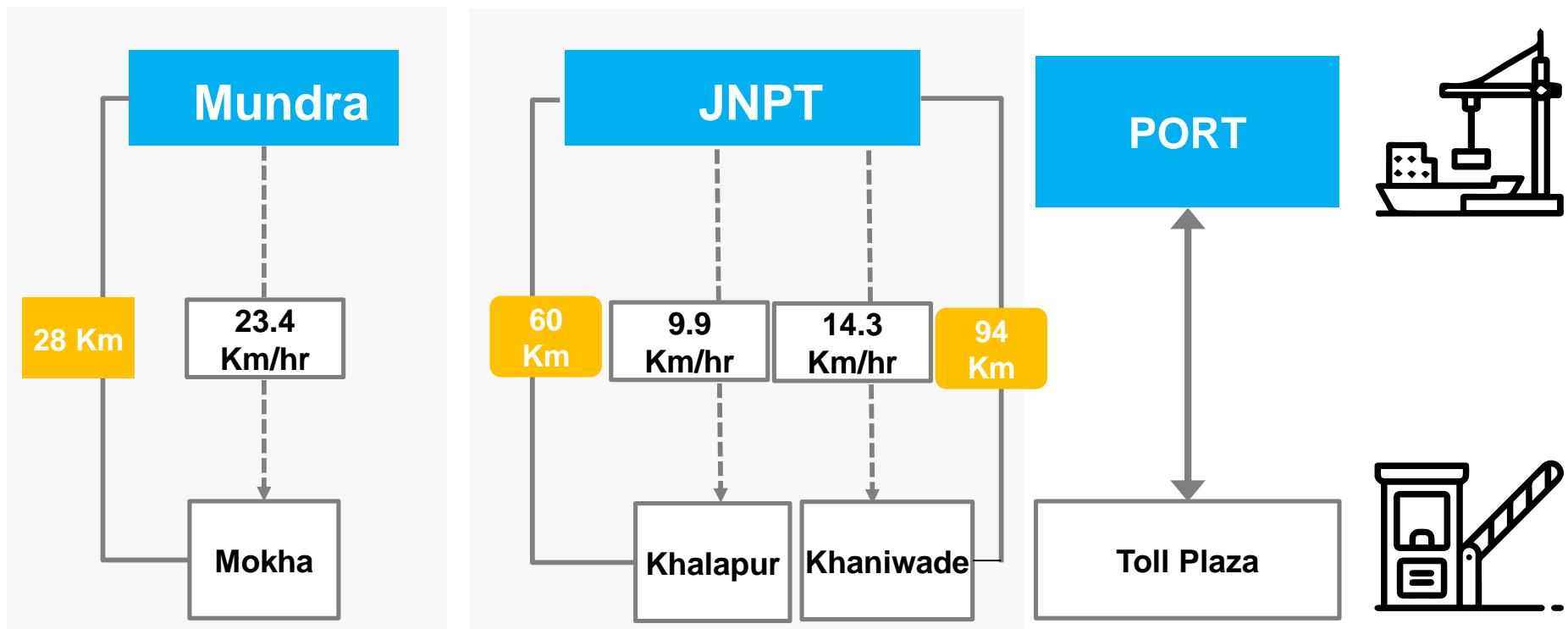
Below is the analysis of the transit movement across ICPs from Kolkata Port Terminal or Haldia Port Terminal both Import and Export cycle

Kolkata Port Terminal			Kolkata Port Terminal		
Import Cycle	Mode	ICP Raxaul	Export Cycle	Mode	ICP Raxaul
	Overall	86.8 hrs		Overall	398.3 hrs
	Road	119.9 hrs		Road	462.5 hrs
	Rail	69.5 hrs		Rail	385.6 hrs
Haldia Port Terminal			Haldia Port Terminal		
	Mode	ICP Raxaul		Mode	ICP Raxaul
	Overall	70.2 hrs		Overall	841.2 hrs



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)		
				Mar'22	Apr'22	May'22
Western	Hazira	Boriach	77	7.5	5.1	8.0
Eastern	KOPT(Kolkata)	Dankuni	24	2.5	2.6	2.3
	HICT(Haldia)	Debra	100	8.2	6.6	4.2
		Jaladhulagori	101	8.1	8.1	5.4
Southern	Chennai	Surapattu	18	-	-	-
		Nallur	23	1.5	2.0	1.5
	Kochi	Kumbalam	13	0.7	0.7	0.7
		GIPL Palayekara	71	11.4	10.7	13.2
	NMPT (New Manglore)	Brahamarakotlu	25	1.5	1.6	1.7
		Talapady	22.5	1.3	2.9	2.8
		Gundmi	68	5.6	4.9	4.2
	Kattupalli	Surapattu	36	-	-	-
		Nallur	33	3.1	3.6	2.0
	Ennore	Surapattu	35	-	-	-
	Tuticron	VoCPT CheckPost1	4.3	13.9	14.3	14.2

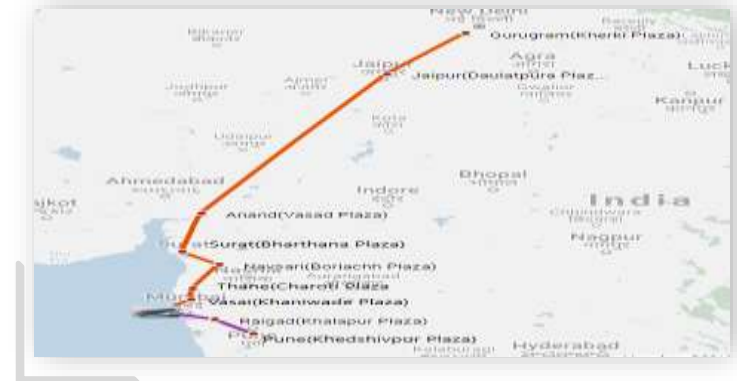
The analysis is based on the container travelling direct from port to toll, i.e. defined by the containers travelling from port to corresponding toll plaza with 2 days

Western Corridor Toll Plaza Analysis

Avg. Speed between Toll to Toll Plazas

	Source	Destination Toll Plaza	Inter Distance (Km)	Apr'22 (in km/hrs)	May'22 (in km/hrs)
JNPT	JNPT	Khaniwade	94	14.5	14.3
	JNPT	Khalapur	60	12.0	9.9
	Khaniwade	Charoti	50	37.7	35.9
	Charoti	Boriach	126	28.3	28.2
	Boriach	Bharthan	142	31.5	33.3
	Bharthan	Vasad	60	38.6	38.3
	Khalapur	Khedshivpur	105	33.2	33.7
MUNDRA	Mundra	Mokha	28	23.6	23.4
	Mokha	Makhel	150	18.9	25.3
	Mokha	Surajbari	115	26.6	25.7
	Makhel	Bhalgam	108	34.8	34.1

Toll Plaza - JNPT Port



Toll Plaza – Mundra Port



Annexure – Name of the Ports

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

Annexure – Western Region

List of CFS name used in CFS Performance Index

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

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
12	The Thar Dry Port
13	Continental Warehousing Corporation Nhava Sheva pvt.

Annexure – Southern & Eastern Region

List of CFS name used in Southern CFS Performance Index

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

List of CFS name used in Eastern CFS Performance Index

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

THANK

YOU

