

# Logistics Databank Analytics Report- June 2021





## Section One

---

### 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 Two

---

### 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: June 2021 (Dwell Time)

## Gujarat Region

Import	Export
32.0 hrs	129.6 hrs

## Mumbai Region

Import	Export
20.4 hrs	79.7 hrs

## Kochi Region

Import	Export
39.8 hrs	105.6 hrs

## Tuticorin Region

Import	Export
24.1 hrs	56.5 hrs

## Kolkata Region

Import	Export
31.0 hrs	177.0 hrs

## Vishakhapatnam Region

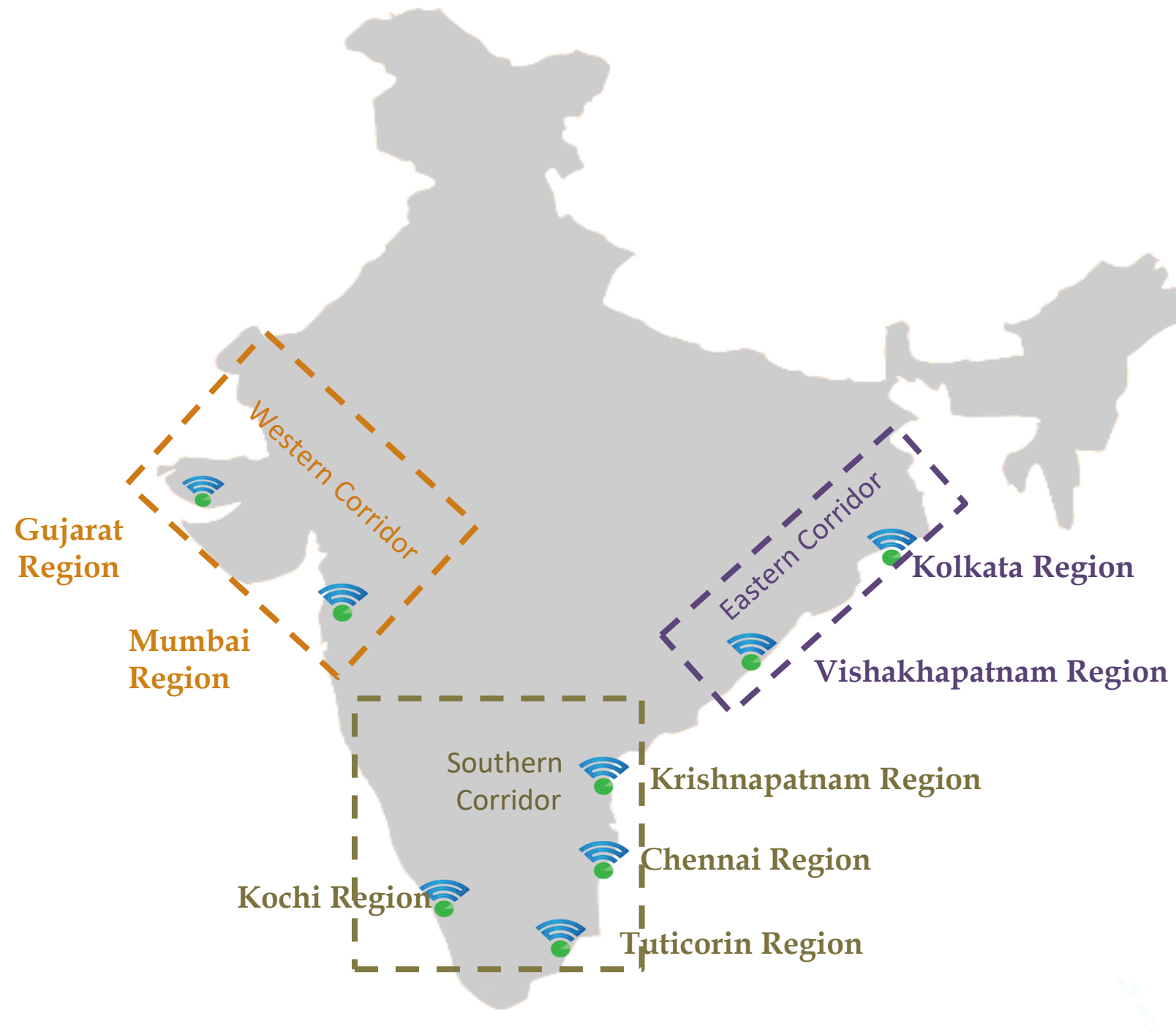
Import	Export
94.2 hrs	98.6 hrs

## Krishnapatnam Region

Import	Export
47.1 hrs	99.3 hrs

## Chennai Region

Import	Export
43.9 hrs	83.2 hrs

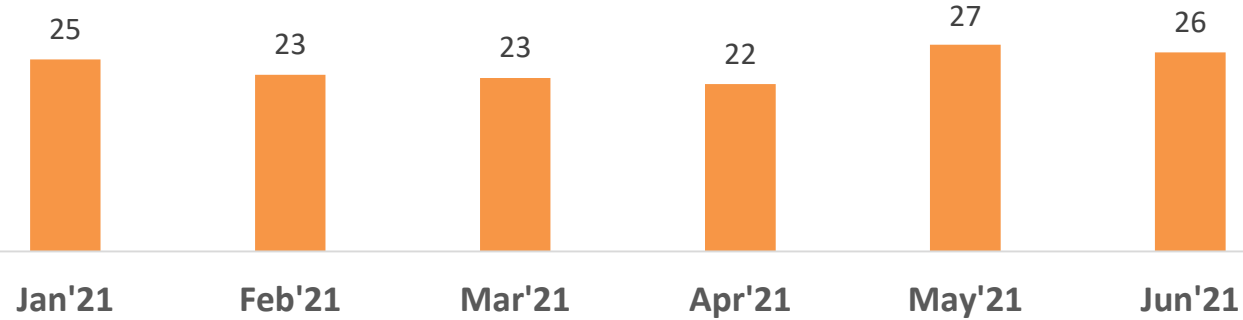




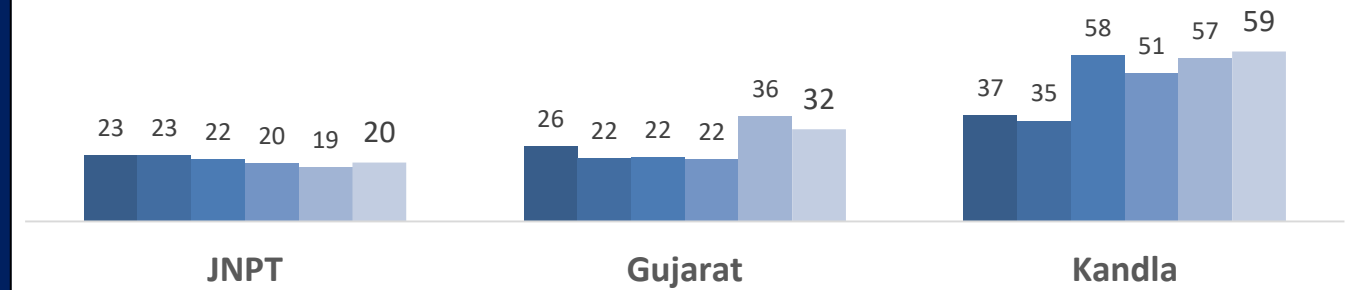
# Port Dwell Time Performance – Western Corridor (Import Cycle)

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

### Western Corridor

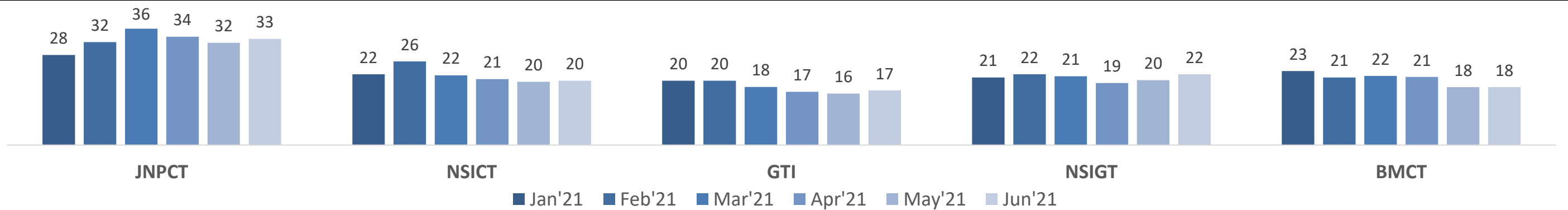


### Port - Wise

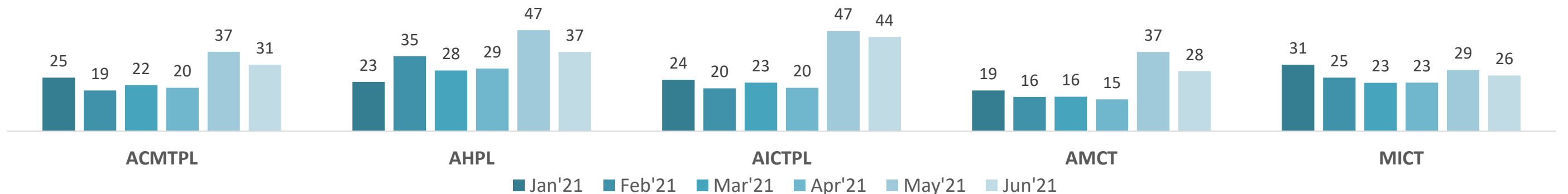


Above chart depicts the Ports performance for the duration of last six months

### JNPT - Terminal



### Gujarat - Terminal

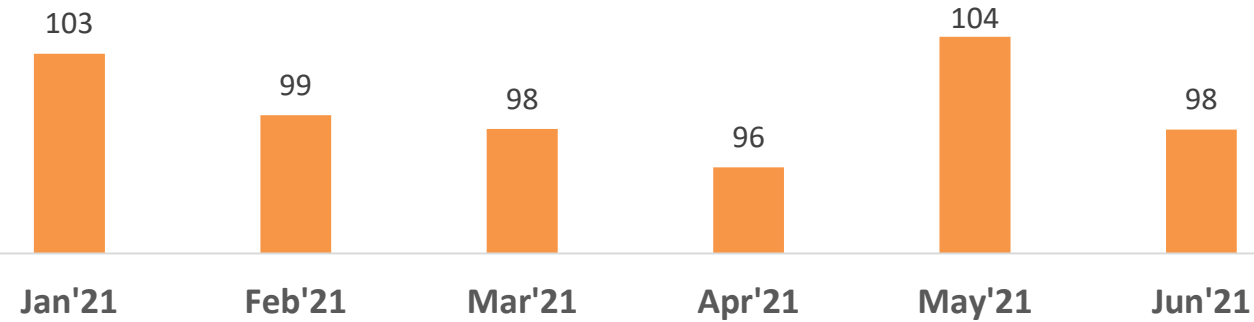




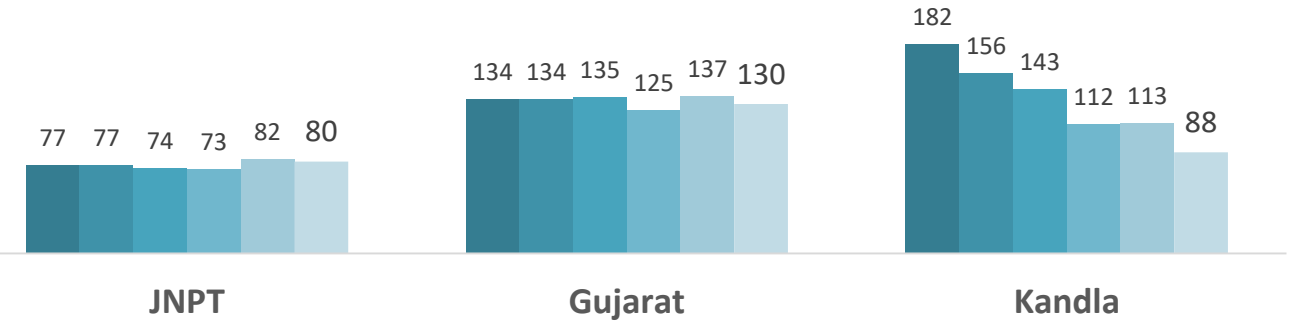
# Port Dwell Time Performance – Western Corridor (Export Cycle)

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

Western Corridor

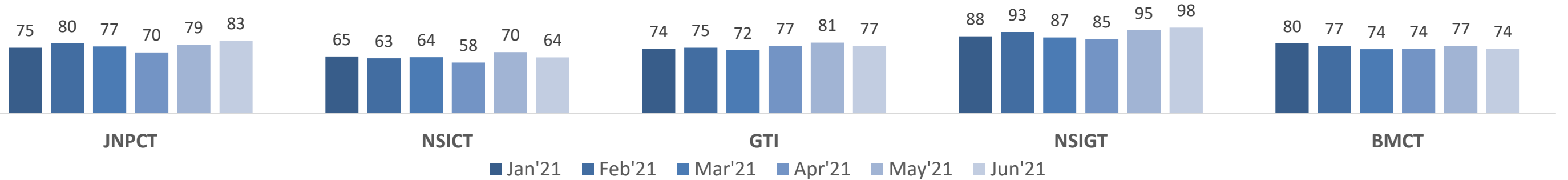


Port - Wise

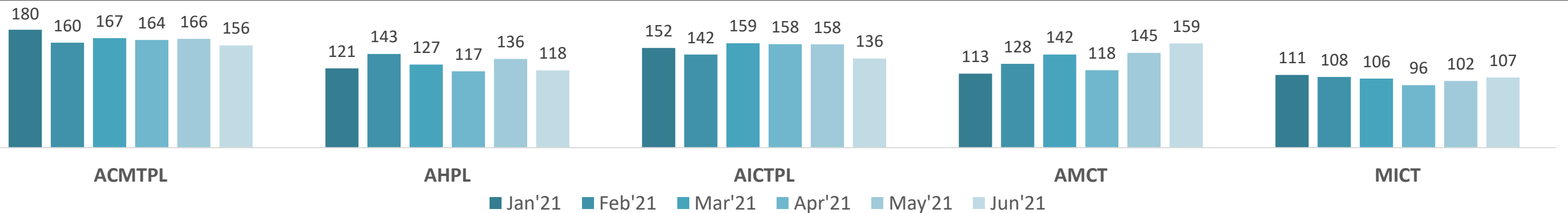


Above chart depicts the Ports performance for the duration of last six months

JNPT - Terminal



Gujarat - Terminal





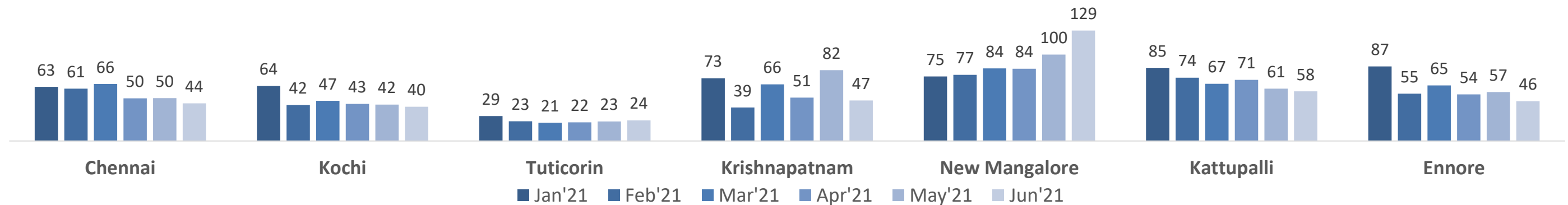
# Port Dwell Time Performance – Southern Corridor (Import Cycle)

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

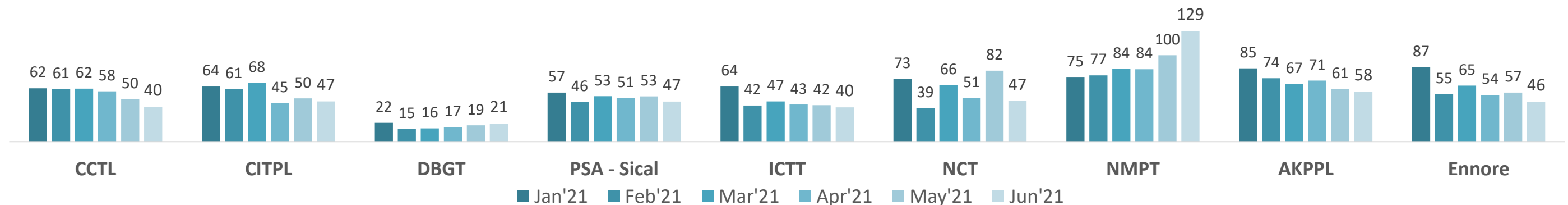
Southern Corridor



Port - Wise



Terminal - Wise

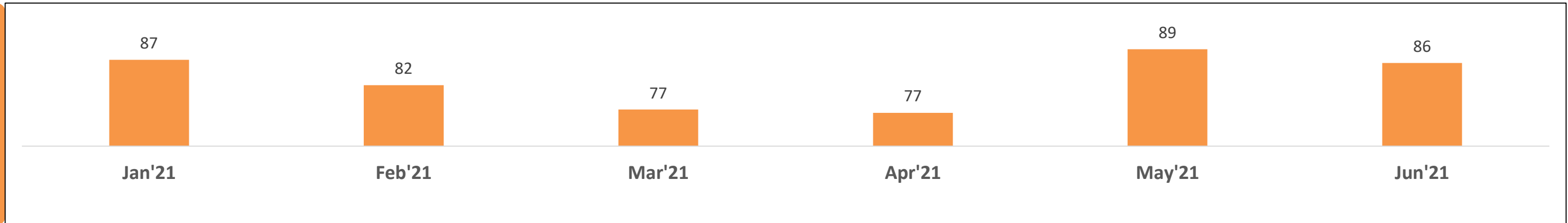




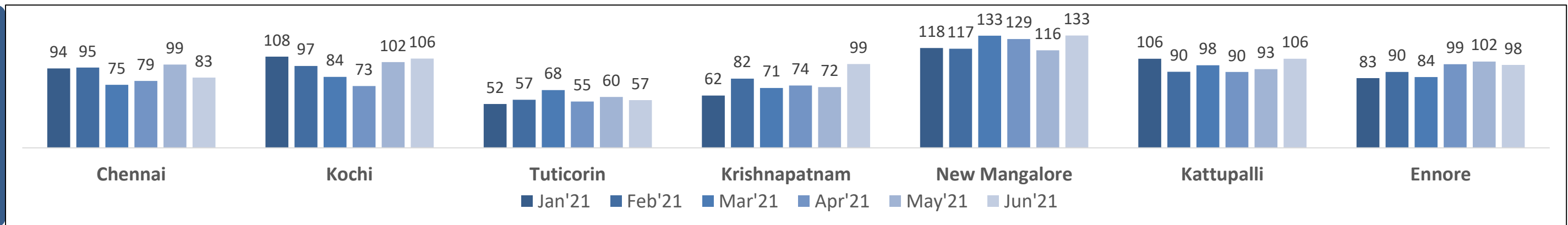
# Port Dwell Time Performance – Southern Corridor (Export Cycle)

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

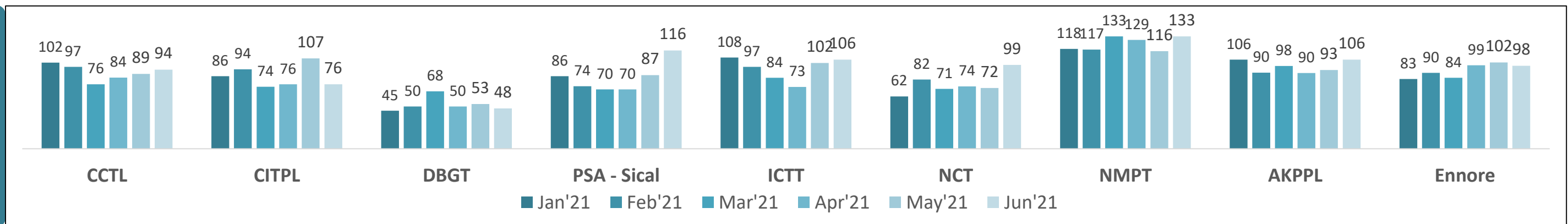
Southern Corridor



Port - Wise



Terminal - Wise

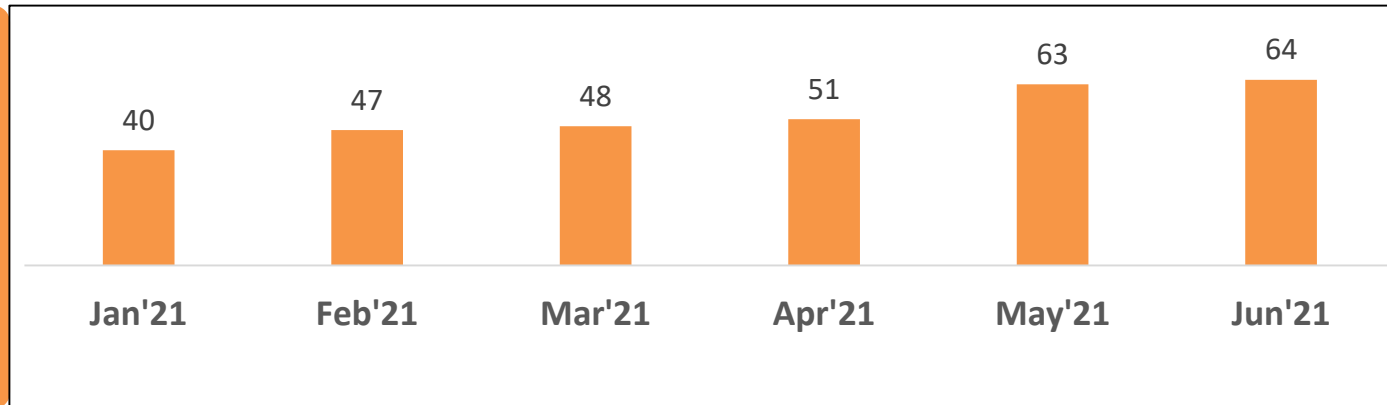




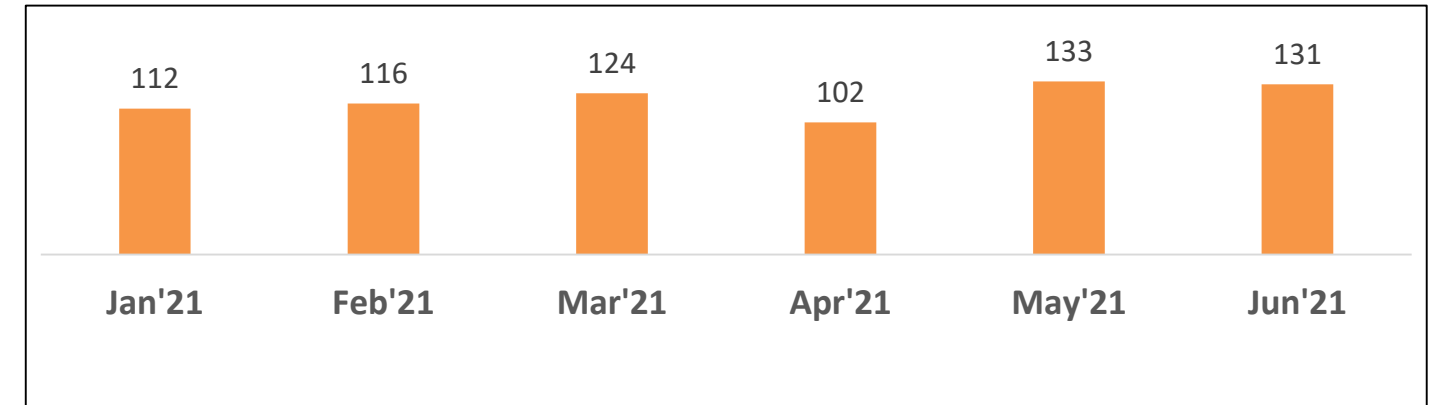
# Port Dwell Time Performance – Eastern Corridor

## Import Cycle (in hrs)

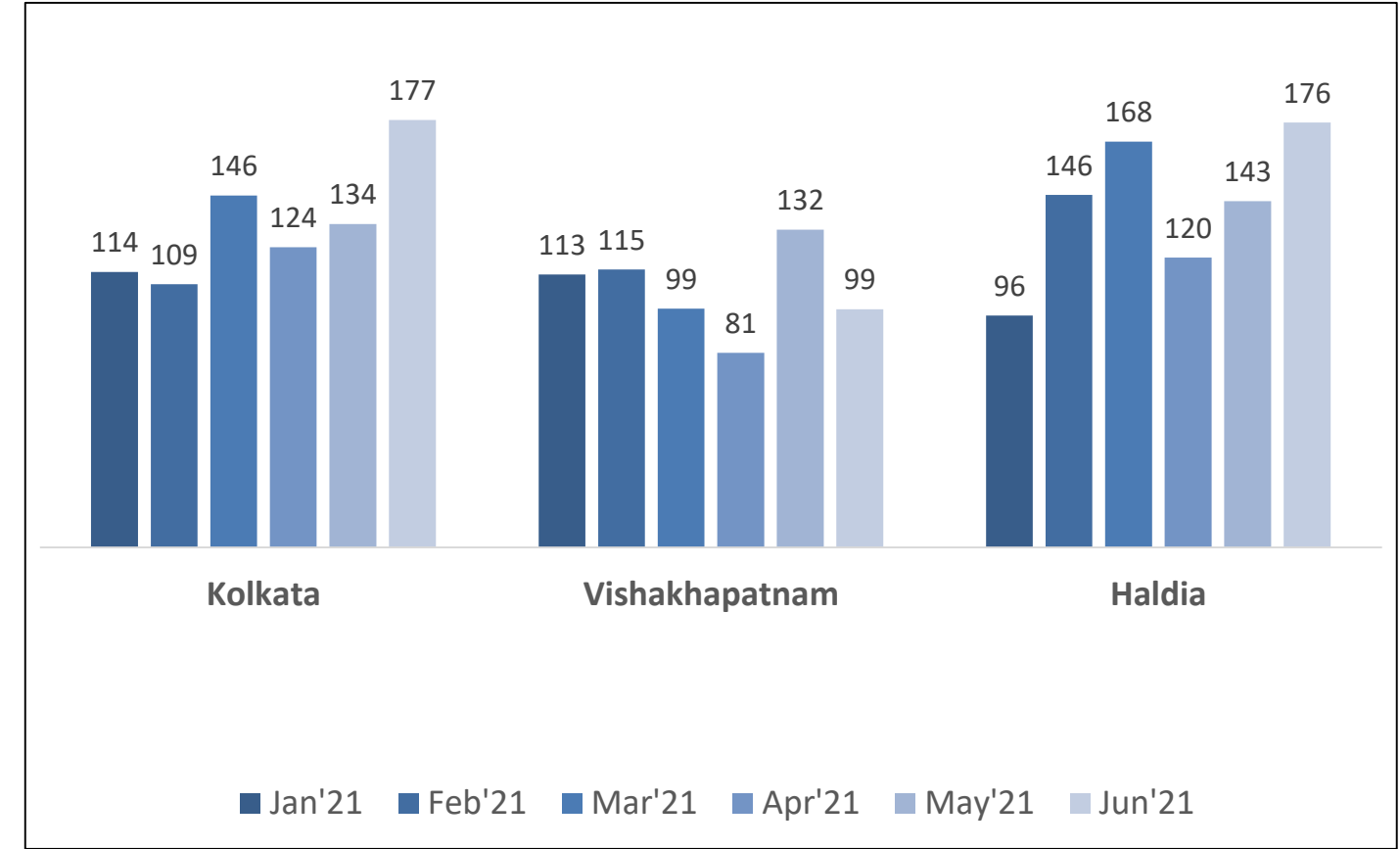
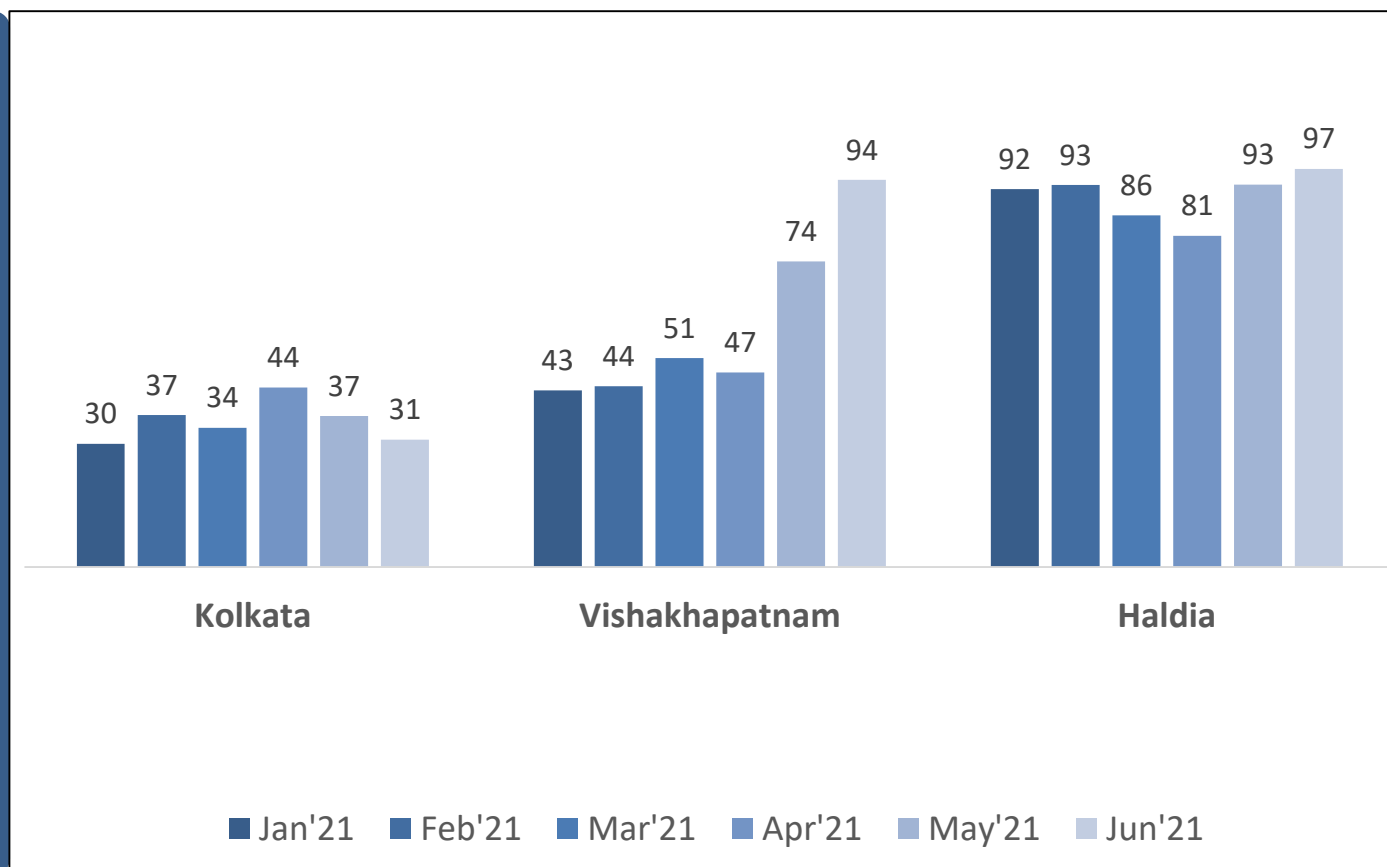
Eastern Corridor



## Export Cycle (in hrs)







Port - Wise





## Western Corridor

- The Overall container handling performance in Western Corridor in both Import & Export Cycle has improved by 4% & 6%.
- The container handling performance at CFS has improved by 1%. Also, ICD performance has improved by 2%.

Month	Import cycle - Dwell Time	Export cycle - Dwell Time	CFS Dwell Time	ICD Dwell Time
Jun'21	25.9 hrs 	98.0 hrs 	92.0 hrs 	128.7 hrs 
May'21	26.9 hrs	104.1 hrs	93.0 hrs	130.9 hrs

## Southern Corridor

- The Overall container handling performance in Southern Corridor in Import Cycle has improved by 9% & in Export Cycle has improved by 3%.
- The container handling performance at CFS has deteriorated by 10%

Month	Import cycle - Dwell Time	Export cycle - Dwell Time	CFS Dwell Time
Jun'21	41.1 hrs 	86.4 hrs 	118.1 hrs 
May'21	45.5 hrs	89.1 hrs	107.8 hrs

## Eastern Corridor

- The Overall container handling performance in Eastern Corridor in Import Cycle has deteriorated by 3% & Export Cycle has improved by 2% .
- The container handling performance at CFS has deteriorated by 9%

Month	Import Cycle - Dwell Time	Export Cycle - Dwell Time	CFS Dwell Time
Jun'21	64.5 hrs 	130.6 hrs 	136.8 hrs 
May'21	62.9 hrs	132.7 hrs	125.2 hrs

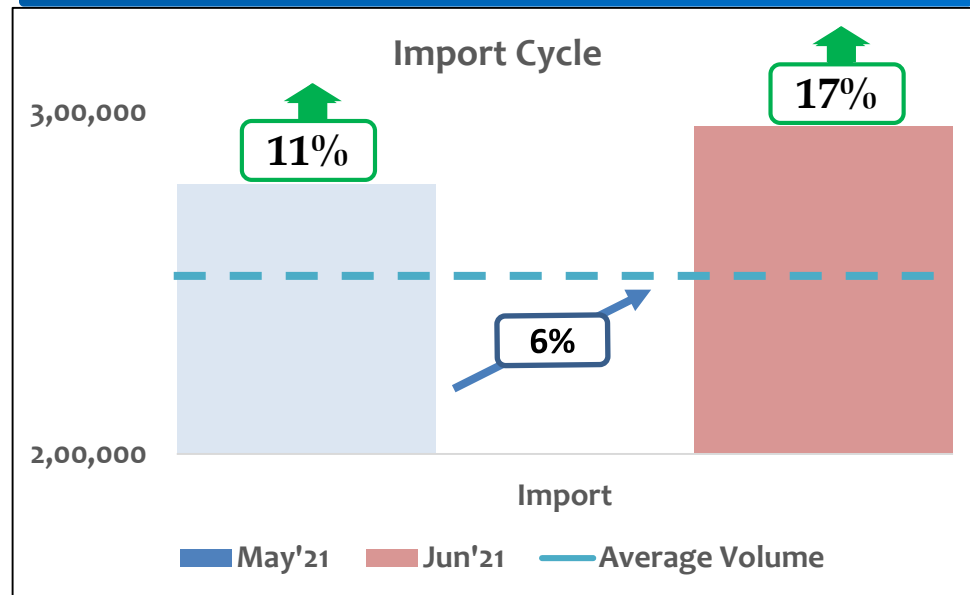


# COVID - 19 Impact

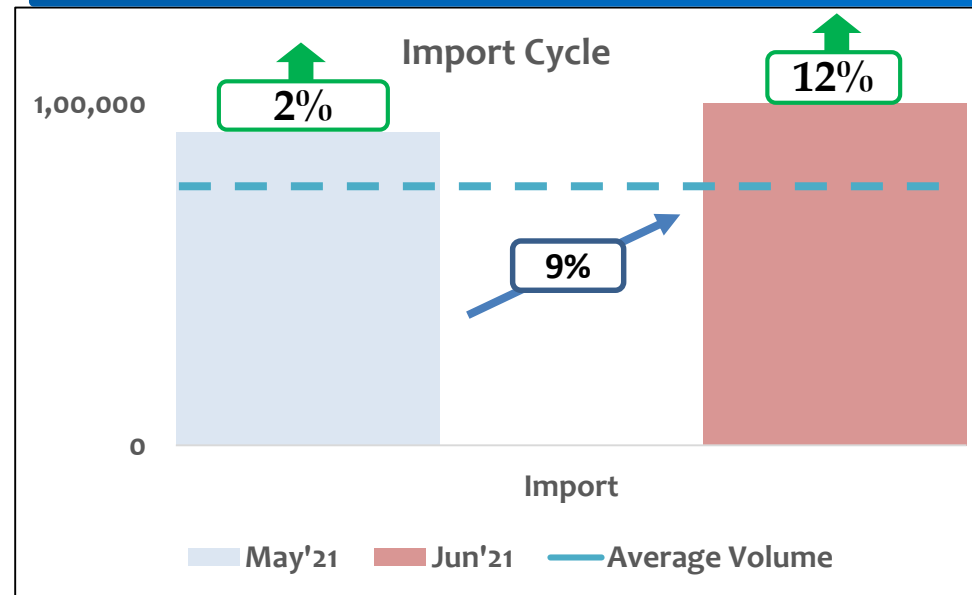


Below graphs depicts the change in volume percentage during the month of Jun'21 w.r.t the last month i.e., May'21 (during Covid 19) and the average EXIM corridor wise volume

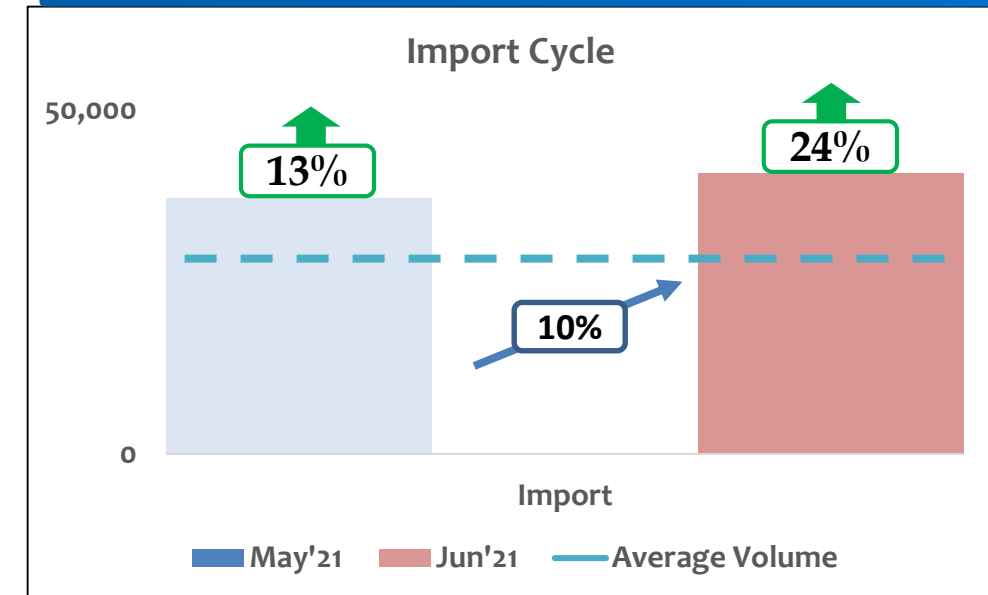
## Western Corridor



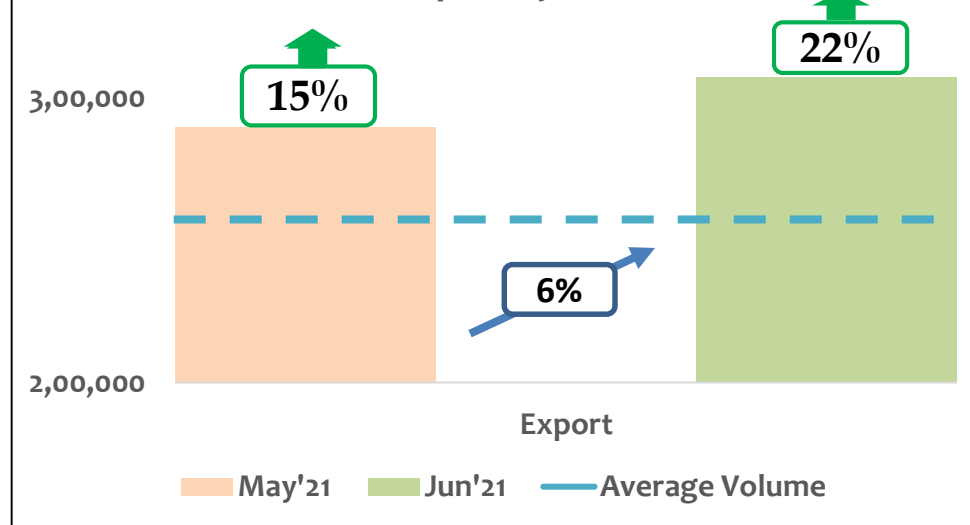
## Southern Corridor



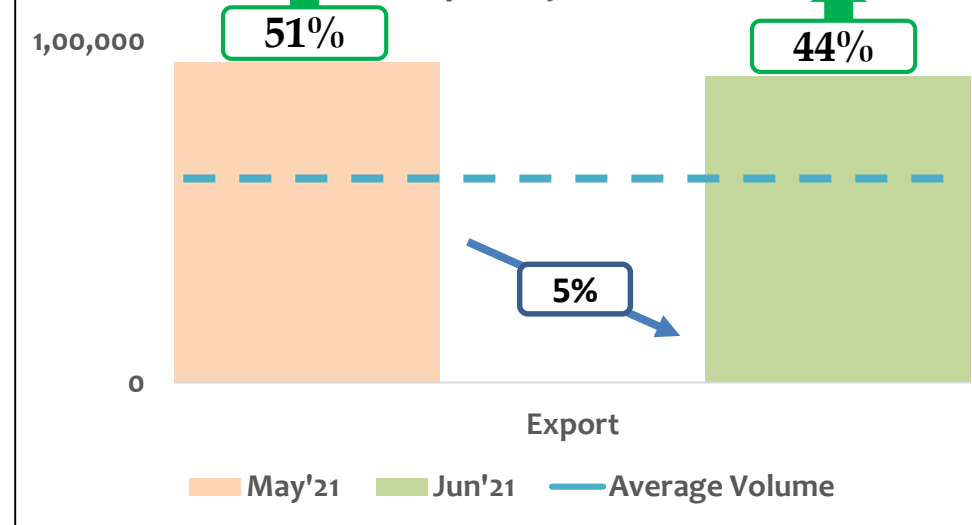
## Eastern Corridor



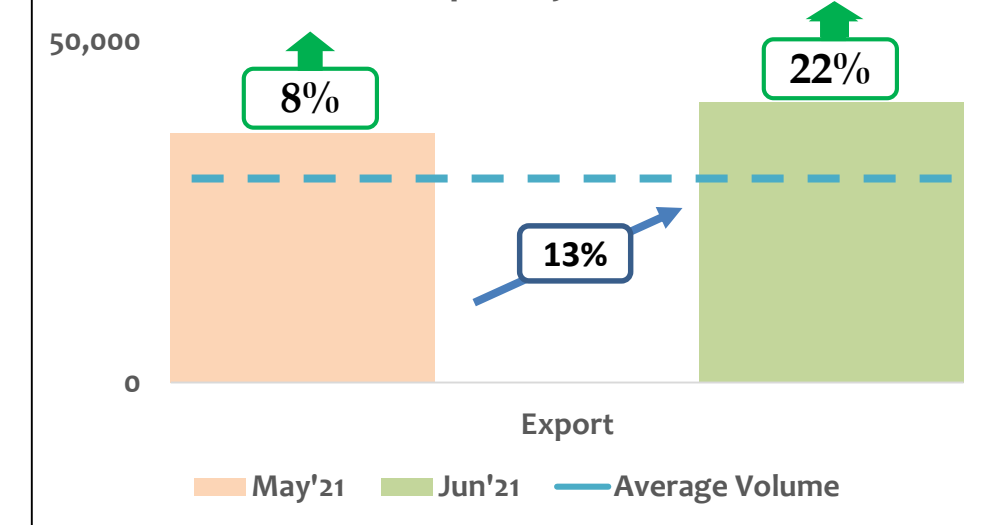
## Export Cycle



## Export Cycle



## Export Cycle

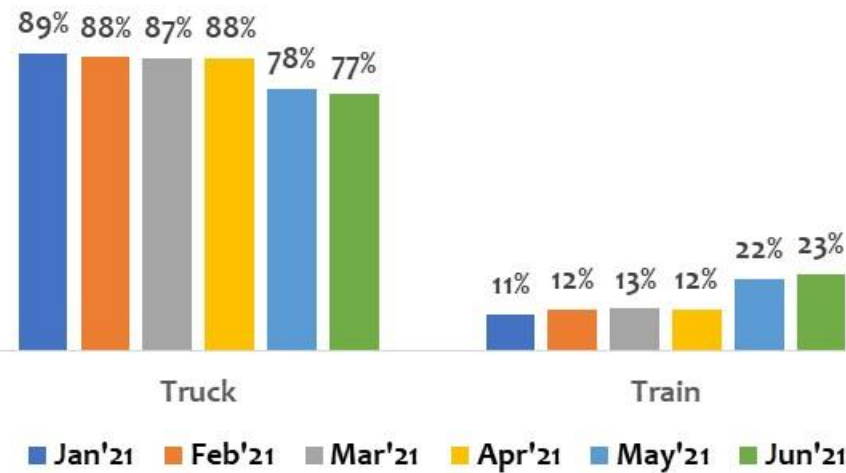




Below table depicts the volume % share of Truck & Train and impact of Covid-19 on the Traffic movements and the difficulty of road movements during the lockdown

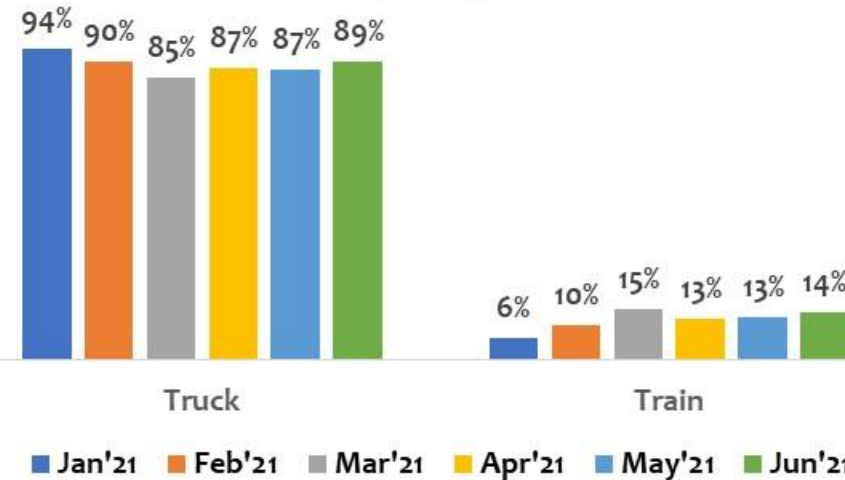
## Western Corridor

### Import Cycle



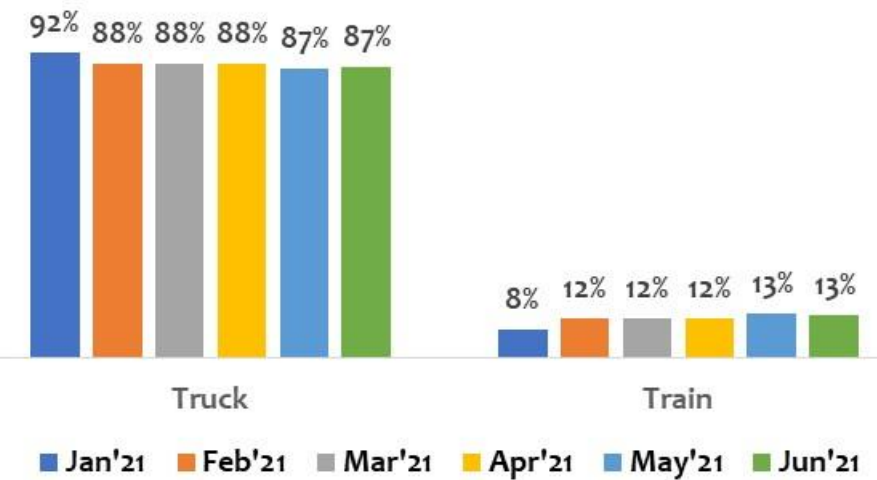
## Southern Corridor

### Import Cycle

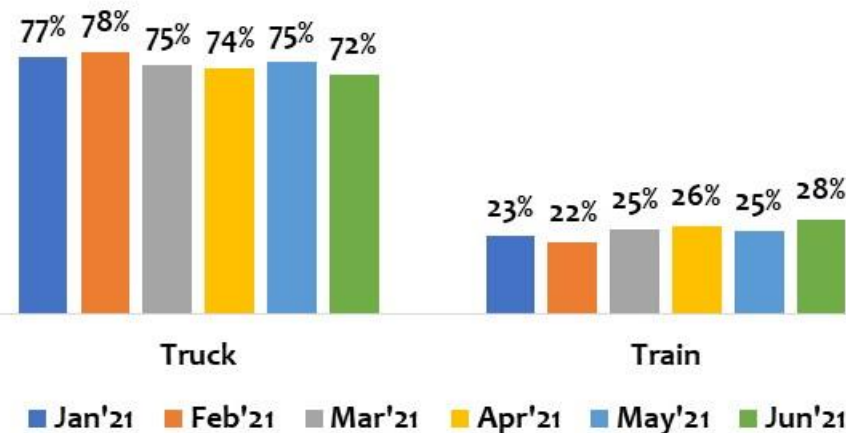


## Eastern Corridor

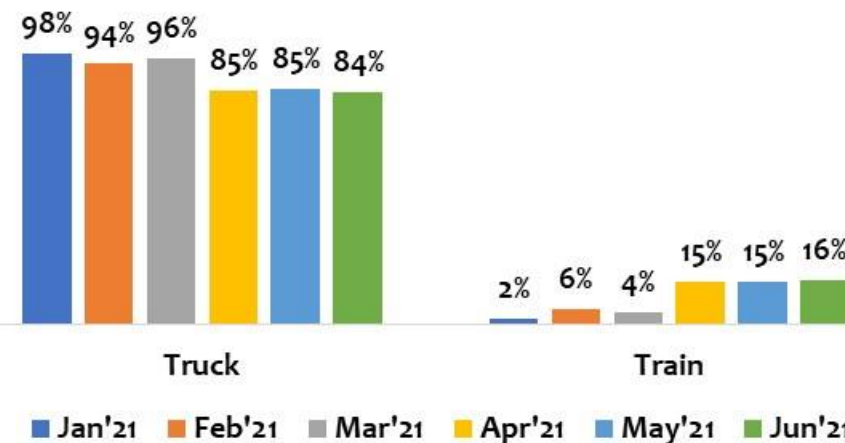
### Import Cycle



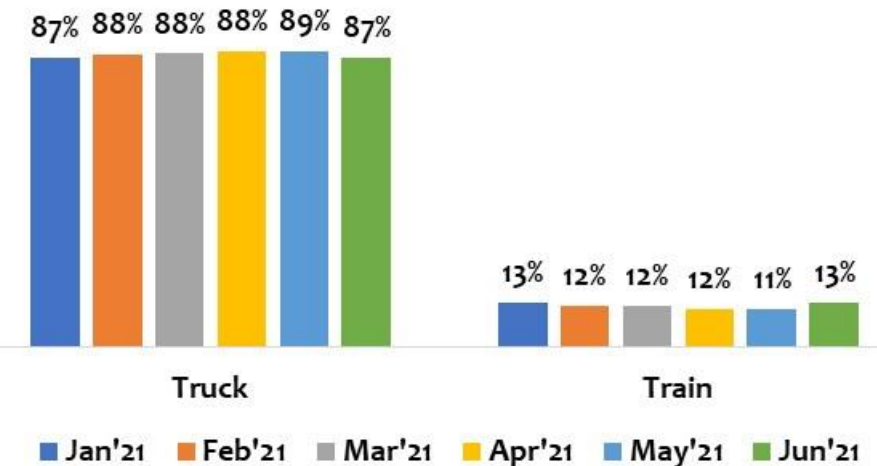
### Export Cycle



### Export Cycle



### Export Cycle



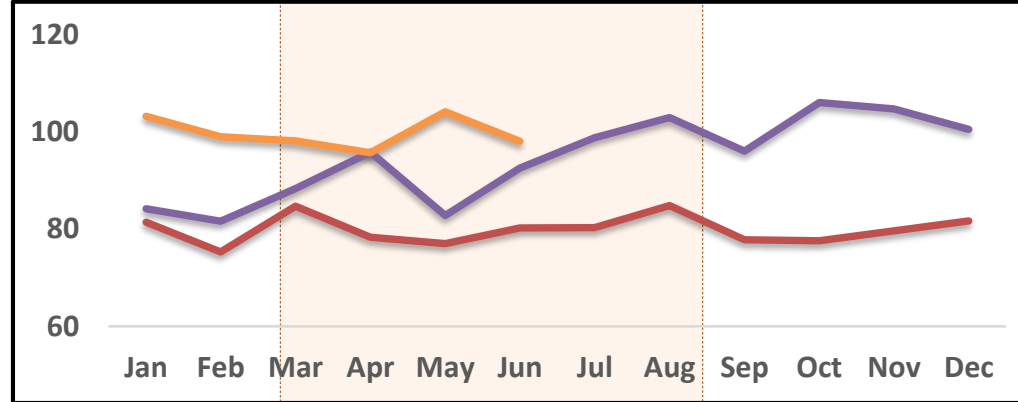
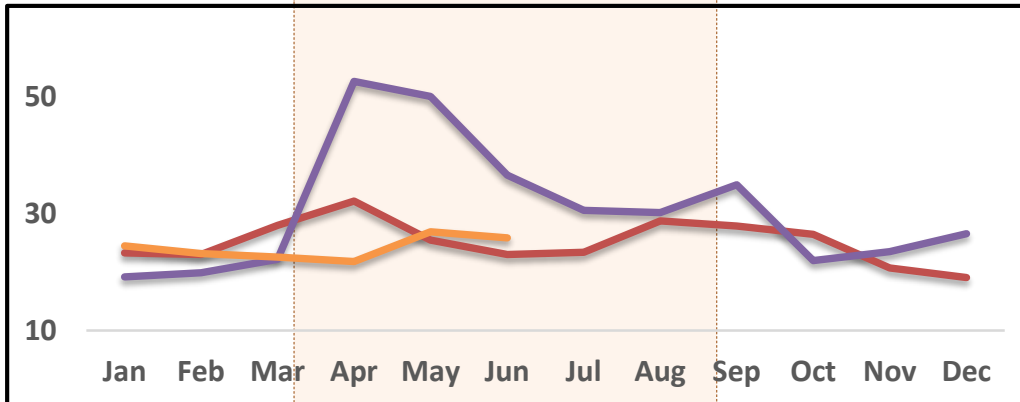


# Impact of 2<sup>nd</sup> wave on dwell time – Western Region

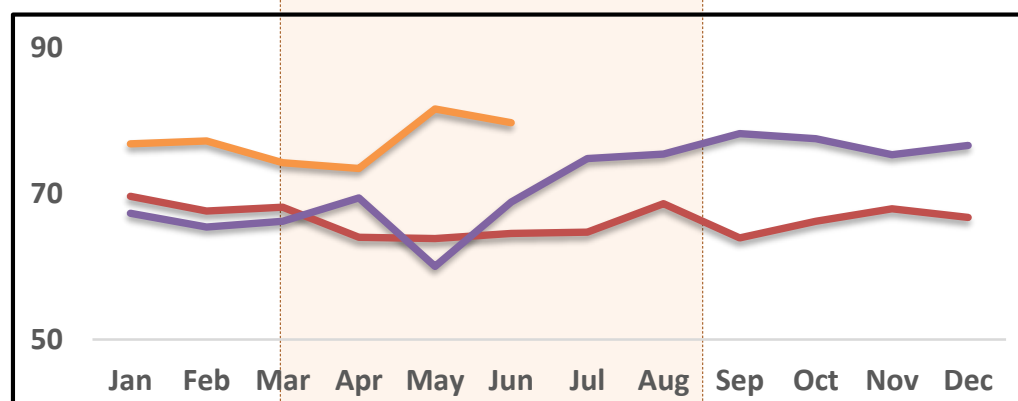
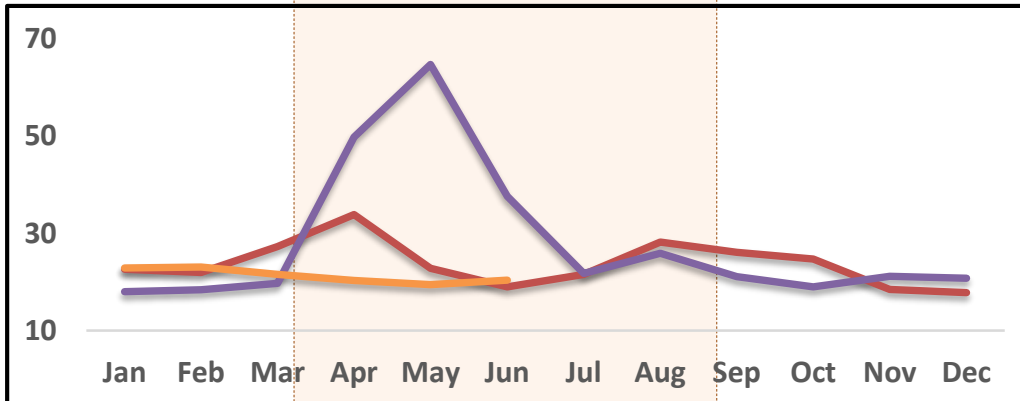
## Import Cycle – Dwell Time Performance (in hrs)

## Export Cycle – Dwell Time Performance (in hrs)

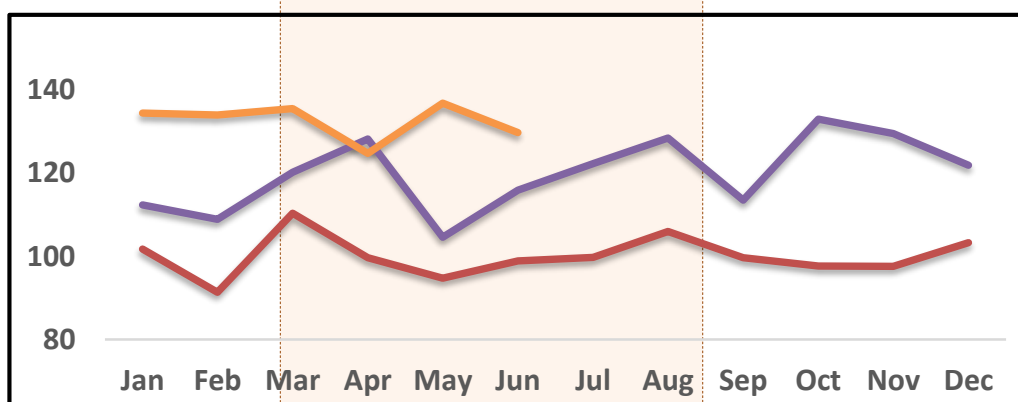
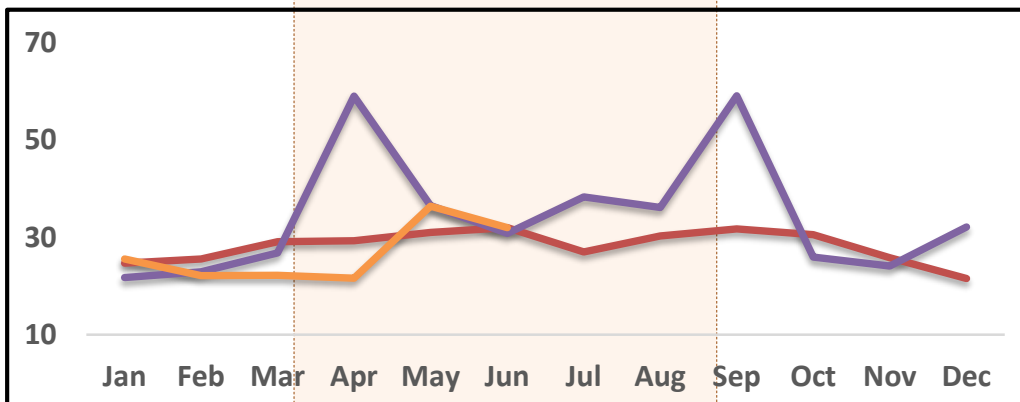
Western Corridor



JNPT Port



APSEZ Port



### Observation –

#### Import Cycle –

- It has been observed that overall dwell time has decreased in the 2<sup>nd</sup> wave as compared to the 1<sup>st</sup> wave but still it hasn't reached to the normal dwell time
- Also, Gujarat Region Ports dwell time has increased in the month of May in the second wave but still the impact in the 2<sup>nd</sup> wave is very less as compared to the 1<sup>st</sup> wave

#### Export Cycle –

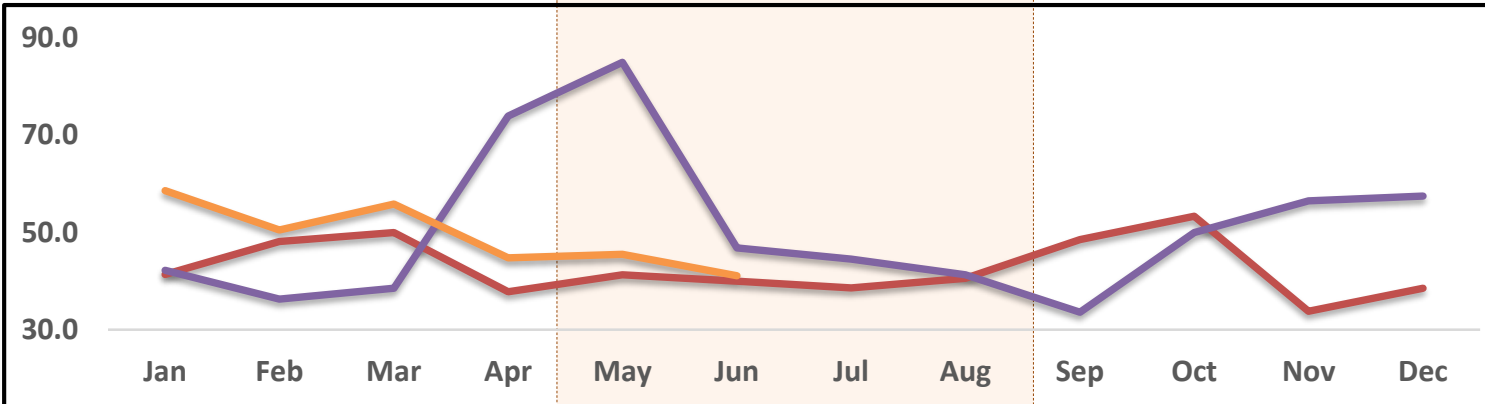
- It has been observed that overall dwell time has increased in the 2<sup>nd</sup> wave as compared to the 1<sup>st</sup> wave.
- Also, both Mumbai and Gujarat Region Port Terminals dwell time has increased in the second wave as compared to the 1<sup>st</sup> wave



# Impact of 2<sup>nd</sup> wave on dwell time – Southern Region (Import)

Import Cycle – Dwell Time Performance (in hrs)

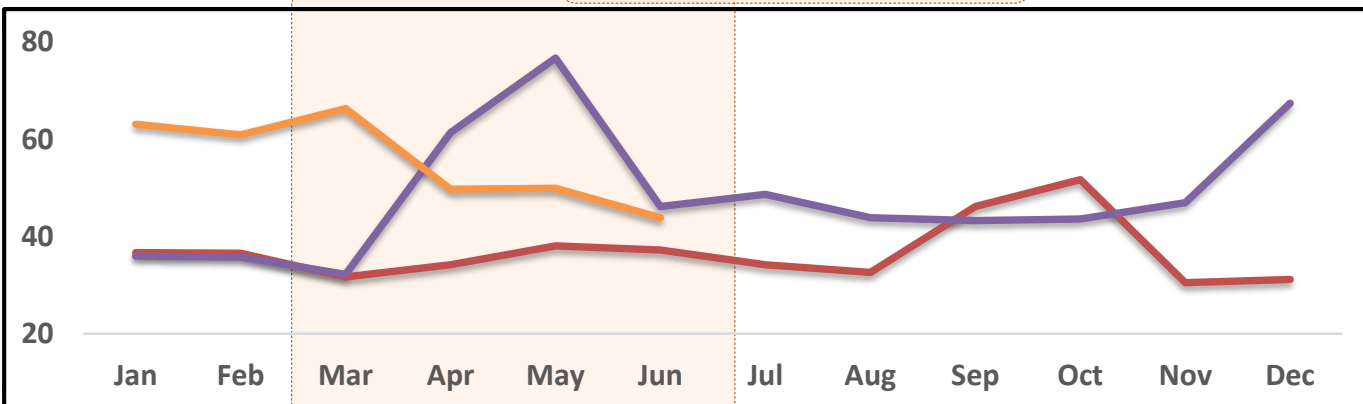
Southern Corridor



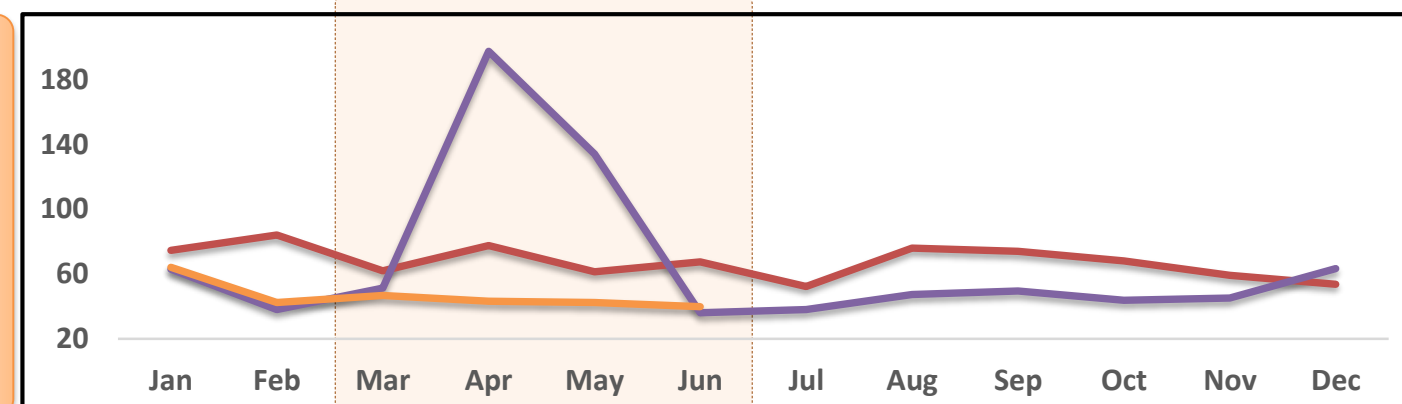
## Observation –

- It has been observed that dwell time for the region and all the Port Terminals has decreased in the 2nd wave as compared to the 1st wave post getting higher after lockdown in 2020
- For Chennai Port Terminal, Dwell Time got higher after lockdown in 2020 but however, it is decreasing since last few months

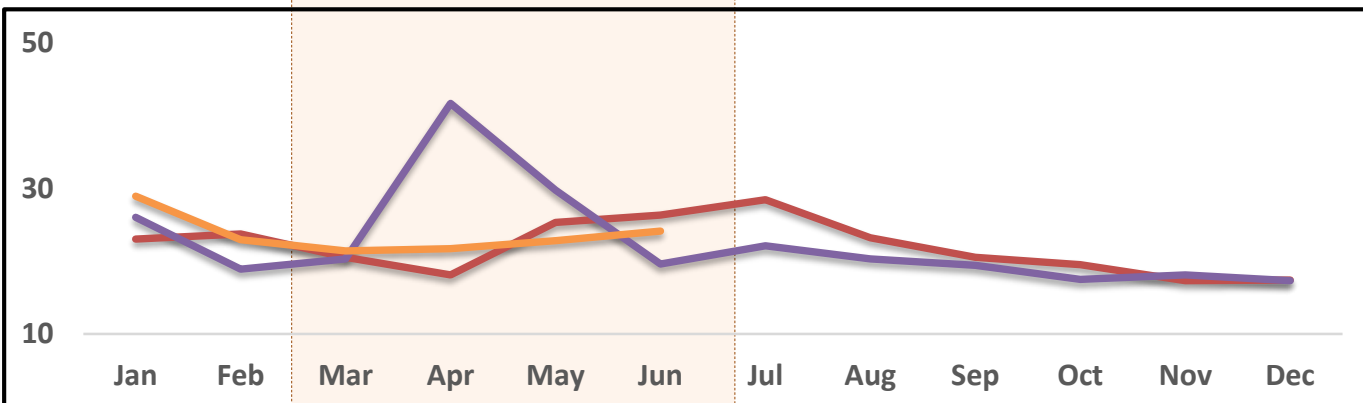
Chennai Port



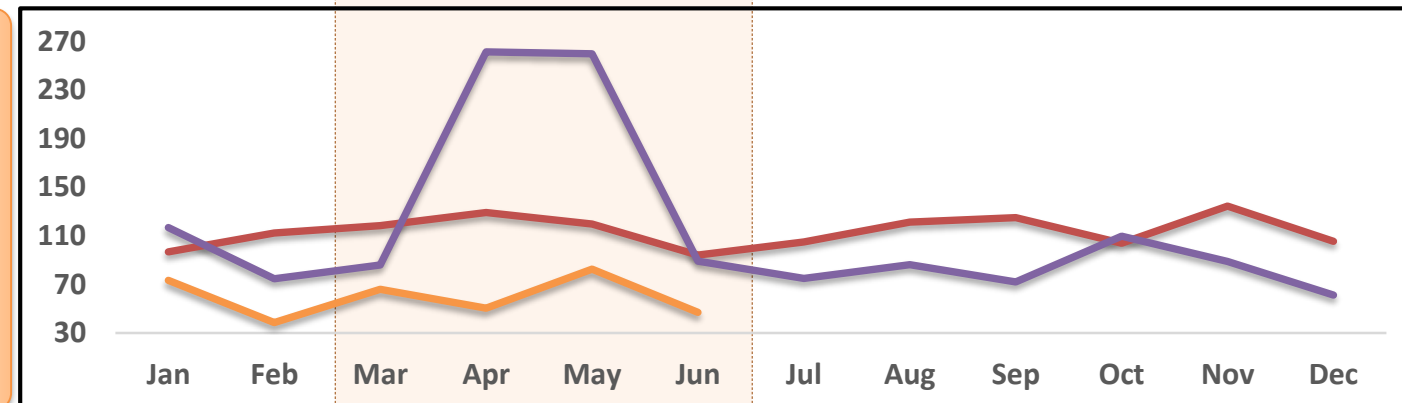
Kochi Port



Tuticorin Port



Krishnapatnam Port



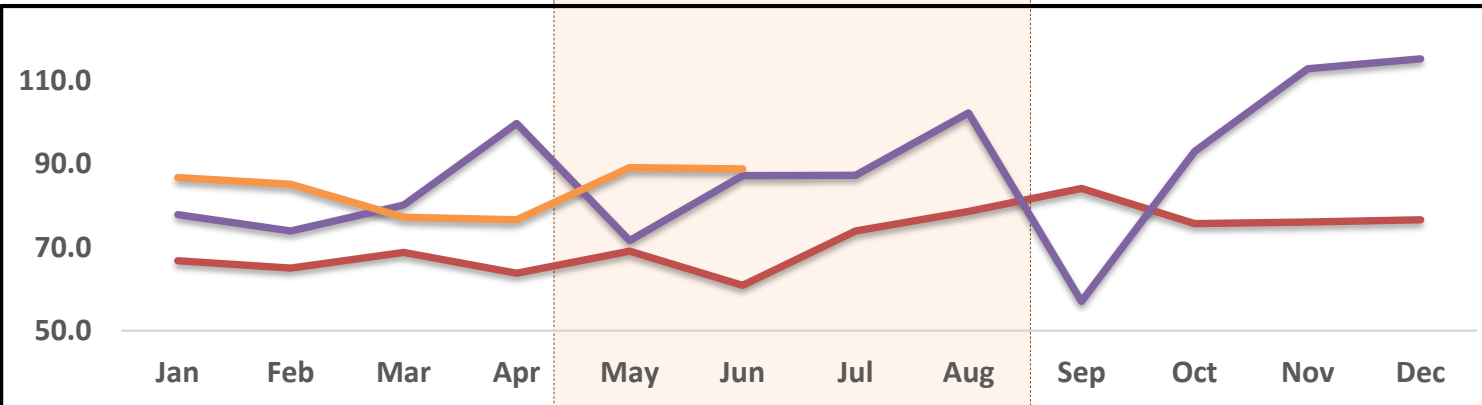
— 2019 — 2020 — 2021



# Impact of 2<sup>nd</sup> wave on dwell time – Southern Region (Export)

## Export Cycle – Dwell Time Performance (in hrs)

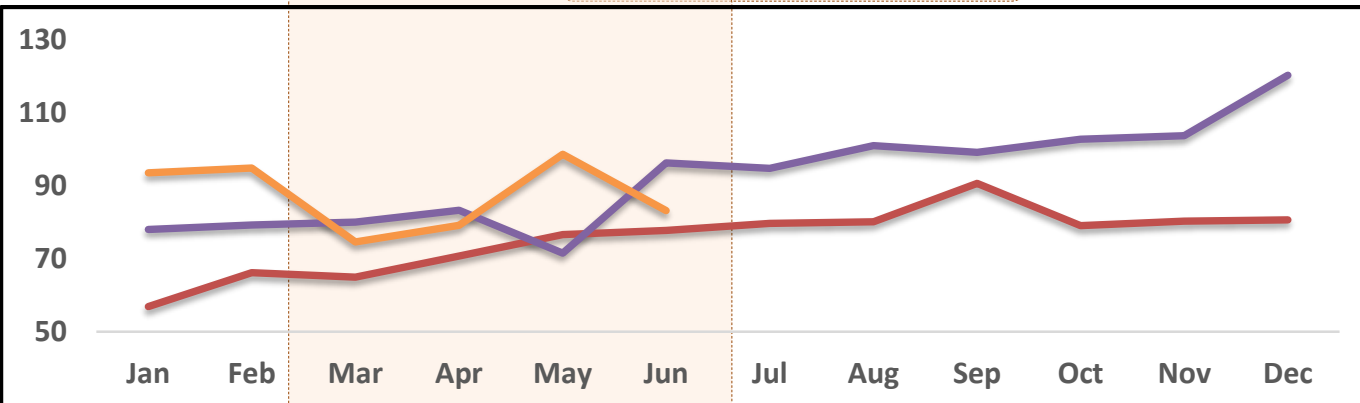
### Southern Corridor



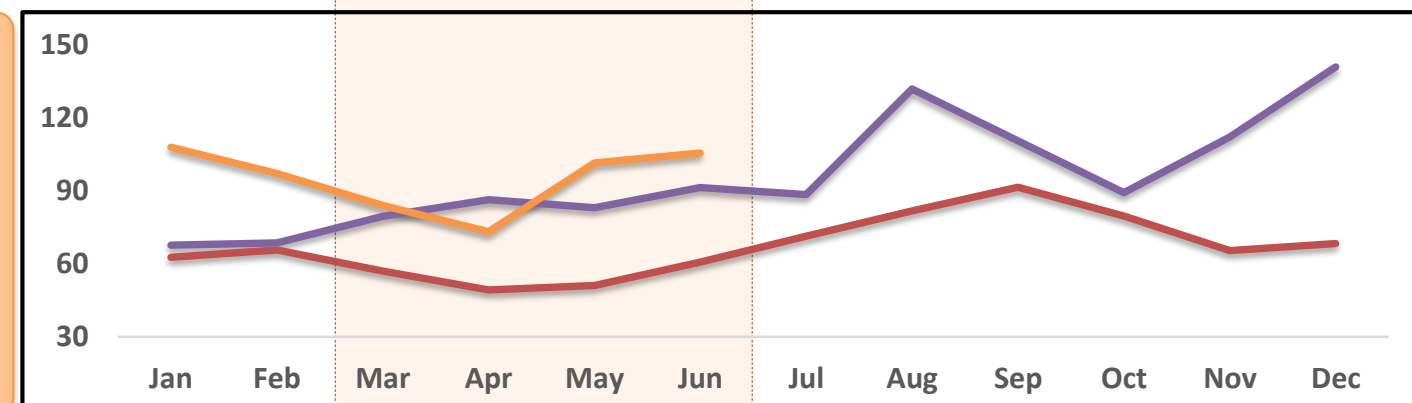
### Observation –

- It has been observed that overall dwell time has increased in the 2nd wave as compared to the 1st wave in the export cycle.
- Also, Chennai & Kochi Port terminal dwell time has increased in the 2nd wave post lockdown in 2020, whereas Tuticorin & Krishnapatnam Port Terminal Dwell is nearly the same.

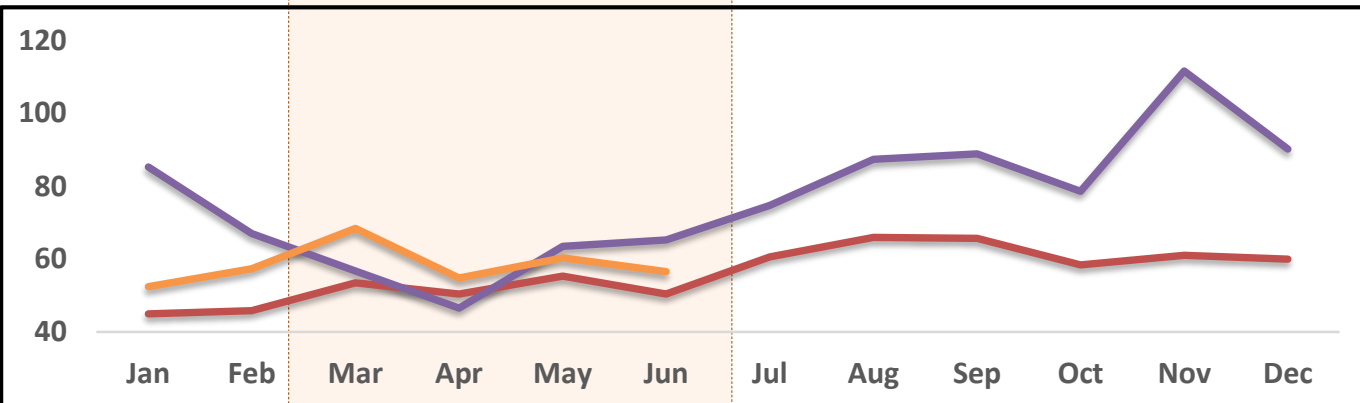
### Chennai Port



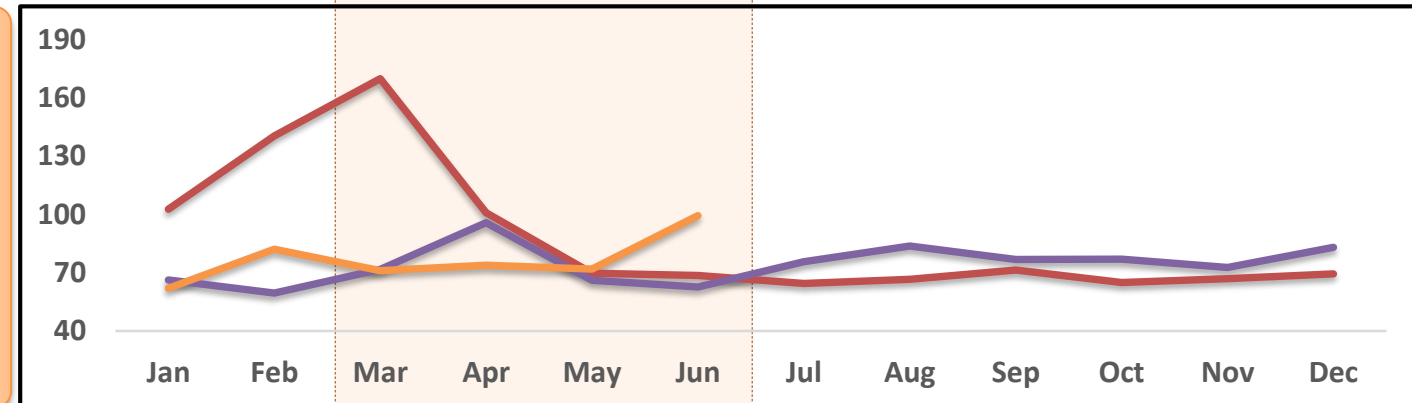
### Kochi Port



### Tuticorin Port



### Krishnapatnam Port



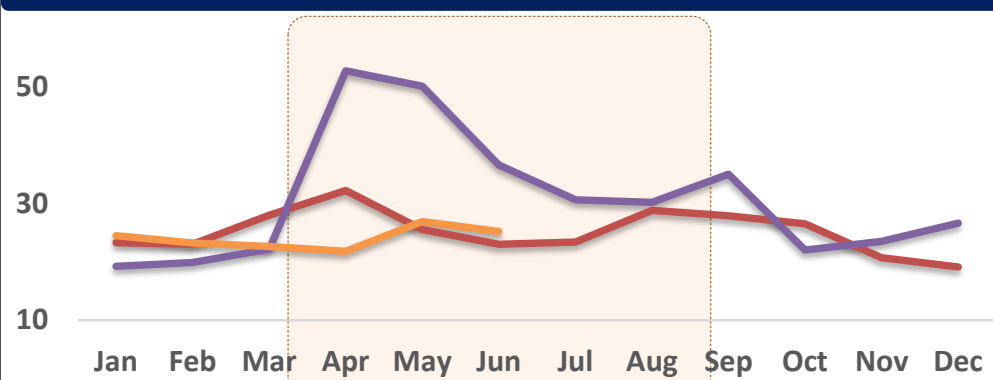
2019 2020 2021



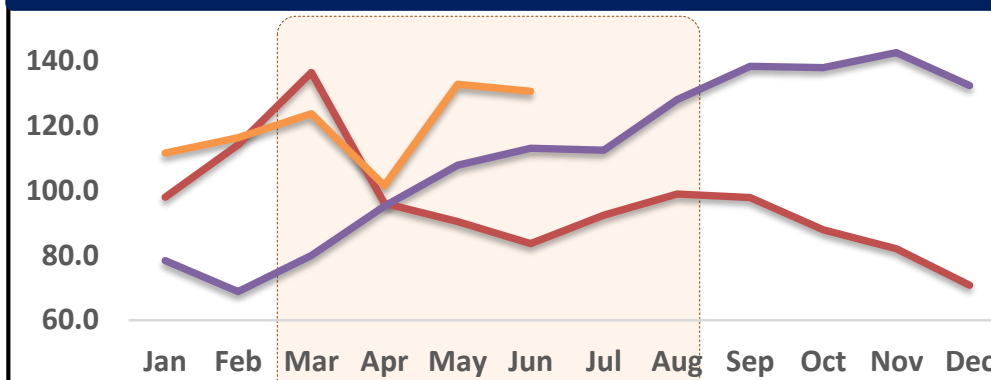
# Impact of 2<sup>nd</sup> wave on dwell time – Eastern Region

Eastern Corridor

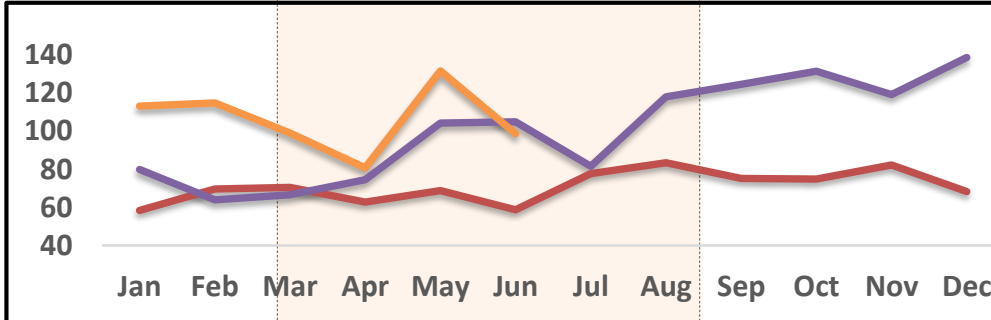
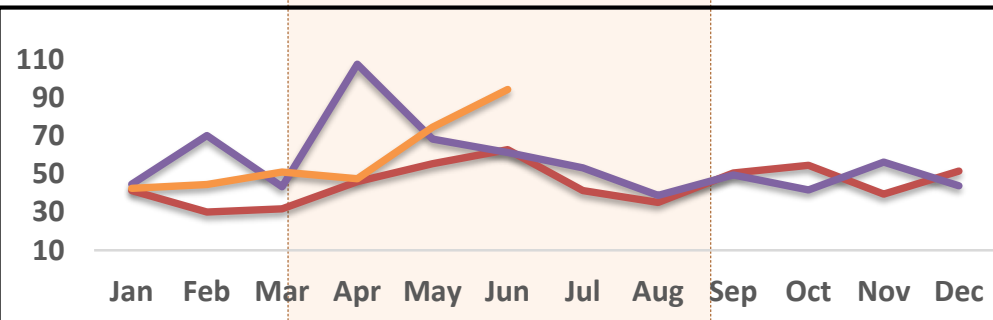
Import Cycle – Dwell Time Performance (in hrs)



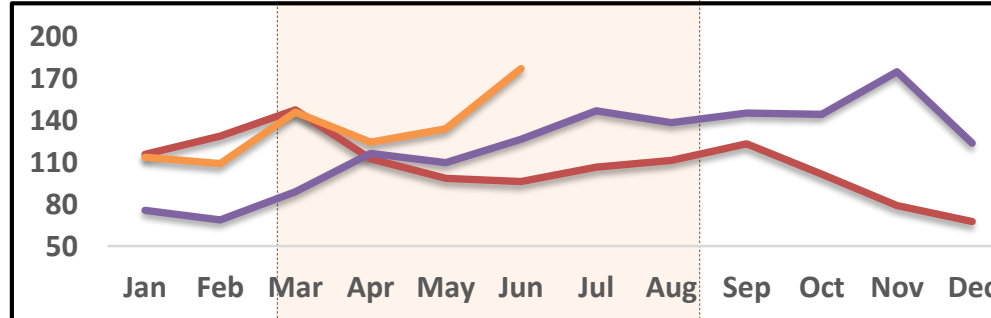
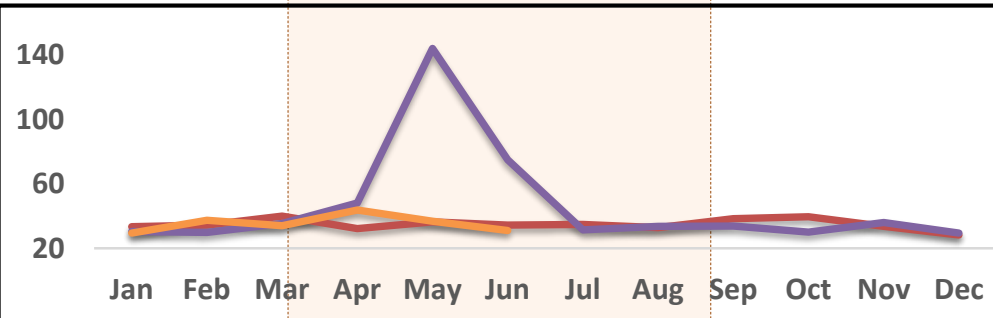
Export Cycle – Dwell Time Performance (in hrs)



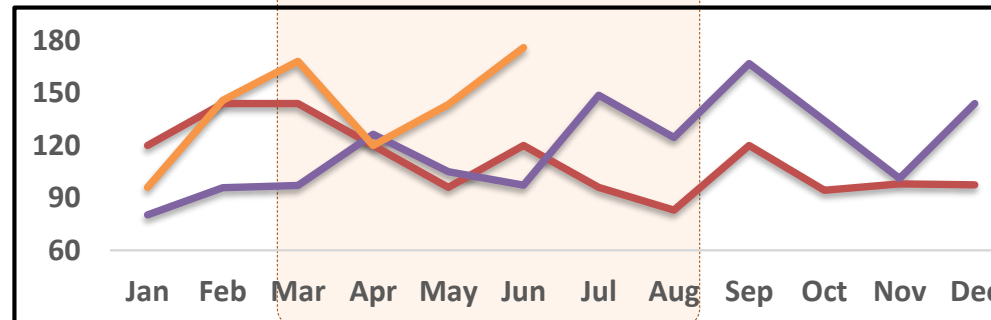
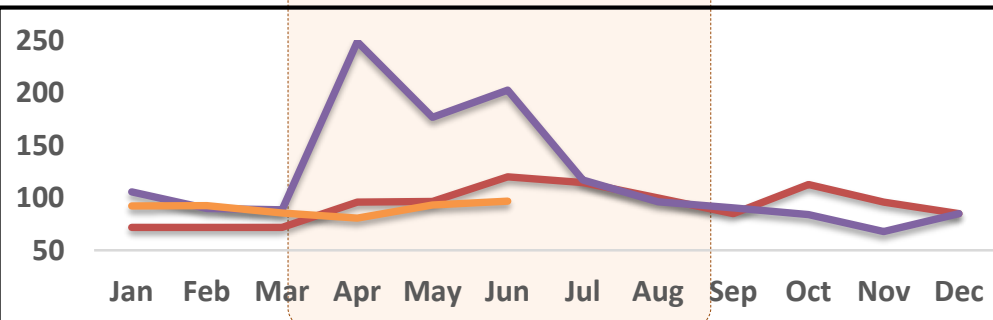
Vishakhapatnam Port



Kolkata Port



Haldia Port



## Observation –

### Import Cycle –

- It has been observed that overall dwell time has decreased in the 2nd wave as compared to the 1st wave but still it hasn't reached to the normal dwell time

### Export Cycle –

- It has been observed that overall dwell time has increased in the 2nd wave as compared to the 1st wave.



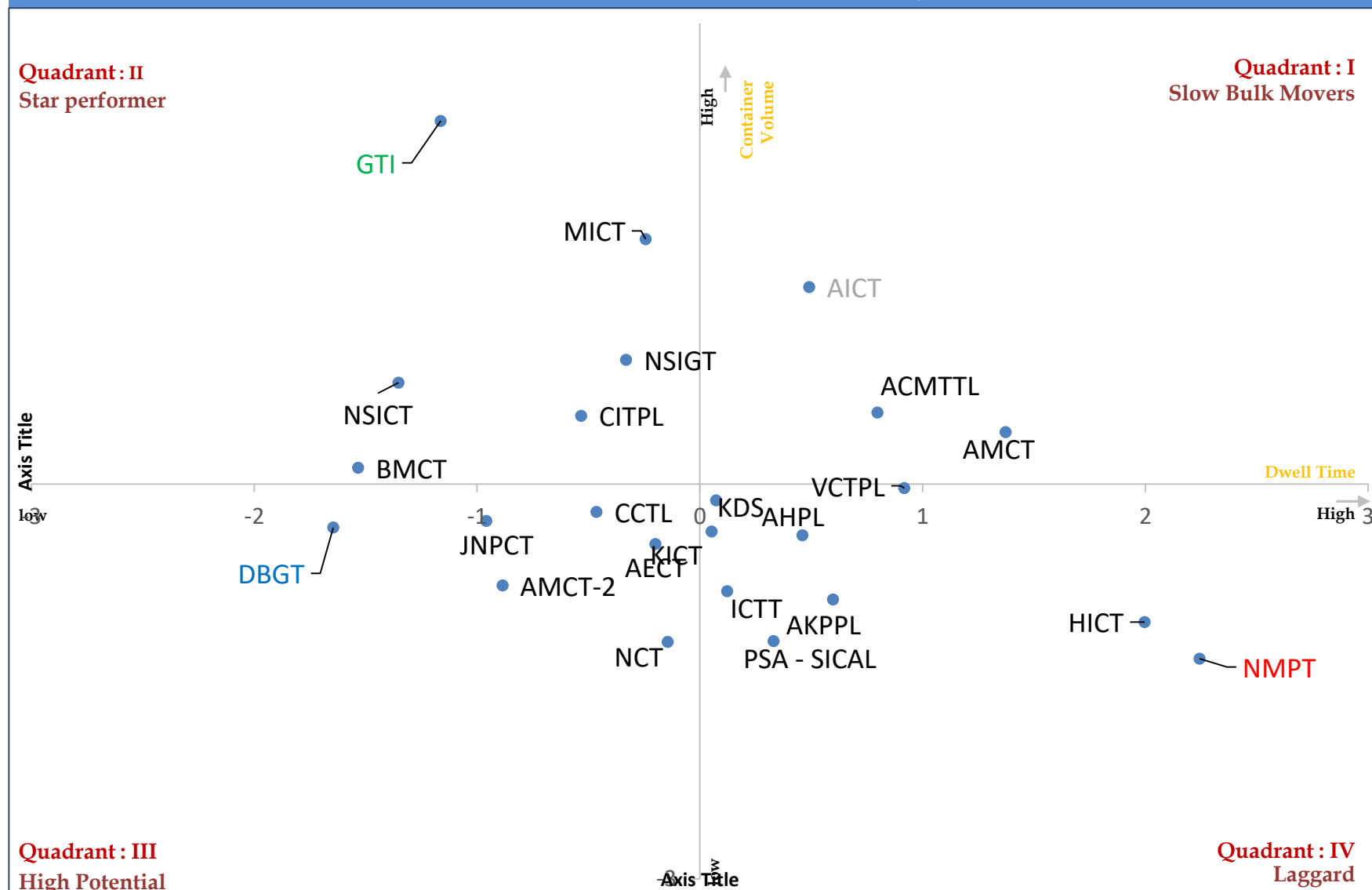




## Performance Benchmarking - Port Terminals

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

### Port Terminal Performance Index - Jun'21



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

### Top Performing Terminal

#### Gateway Terminals India (GTI)

May'21	Jun'21
39.2 Hrs	43.9 Hrs.



### Low Performing Terminal

#### New Mangalore Port Trust (NMPT)

May'21	Jun'21
107.7 Hrs	130.4 Hrs



Note: The performance benchmarking is based on performance index



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

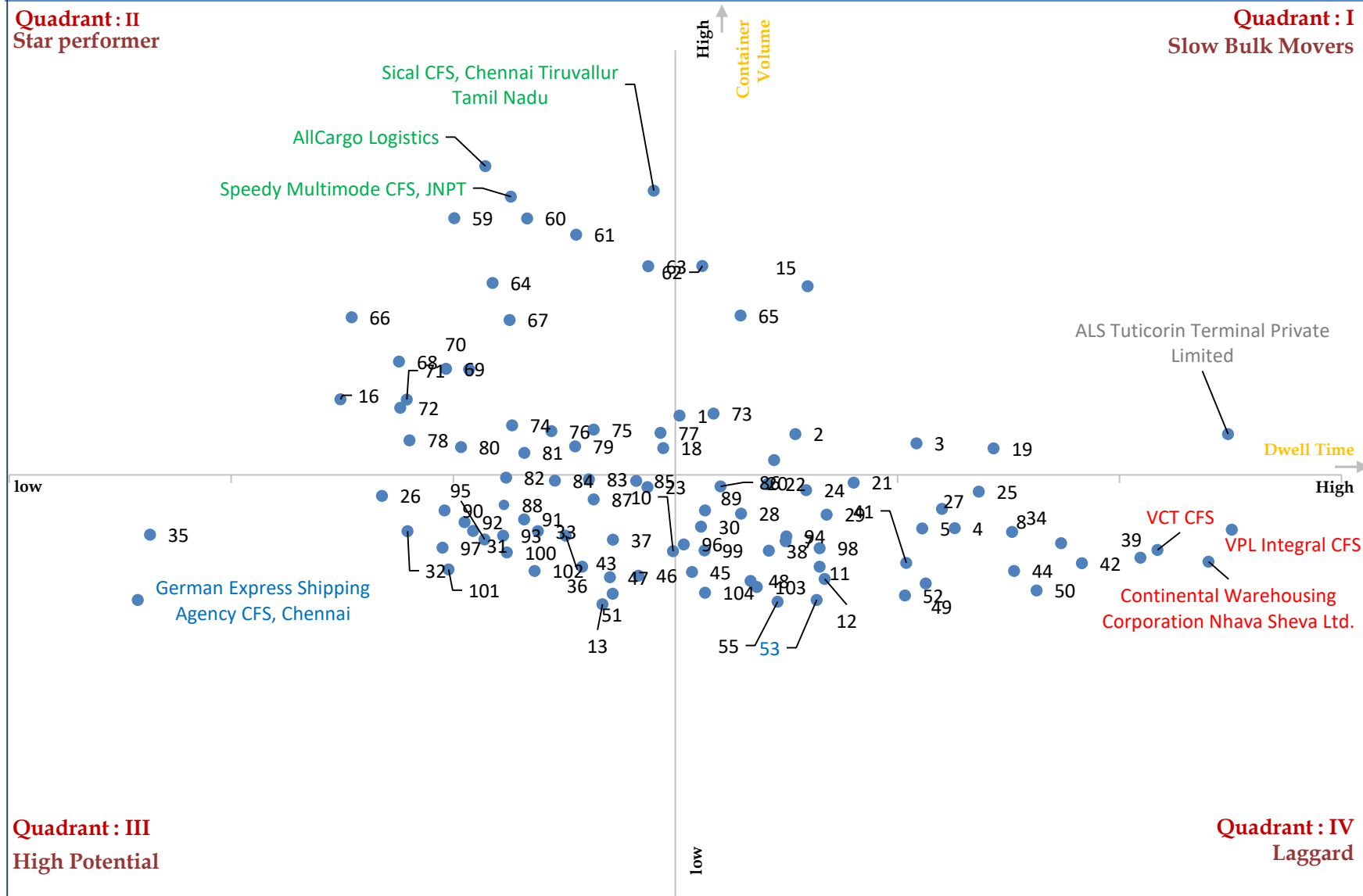
**Slow Bulk Movers :** consist of entities which have catered higher container volume at higher dwell time

**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 Jun'21

Top Three Performing CFSs		
CFS Name	May'21	Jun'21
AllCargo Logistics	96.2 hrs	83.3 hrs 
Speedy Multimode CFS, JNPT	85.7 hrs	86.8 hrs 
Sical CFS, Chennai Tiruvallur Tamil Nadu	102.5 hrs	106.5 hrs 
Bottom Three Performing CFSs		
CFS Name	May'21	Jun'21
VPL Integral CFS	154.9 hrs	186.0 hrs 
Continental Warehousing Corporation Nhava Sheva Ltd.	154.0 hrs	182.8 hrs 
VCT CFS	176.0 hrs	175.8 hrs 

Note: The performance benchmarking is based on performance index

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

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

**Slow Bulk Movers :** consist of entities which have catered higher container volume at higher dwell time

**Laggard** : consist of entities which have catered relatively lower container volume at higher dwell time



## IMPORT

### Port Dwell Time

Mode	May'21 (in hrs)	Jun'21 (in hrs)
Overall	26.9	25.9
Truck	22.2	20.8
Train	66.0	68.0

## EXPORT

Mode	May'21 (in hrs)	Jun'21 (in hrs)
Overall	104.1	98.0
Truck	101.9	95.4
Train	116.9	111.7

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



Inland  
Container  
Depot (ICD)



Container  
Freight  
Stations (CFS)

Entity	May'21 (in hrs)	Jun'21 (in hrs)
CFS	93.0	92.0
ICD	130.9	128.7

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

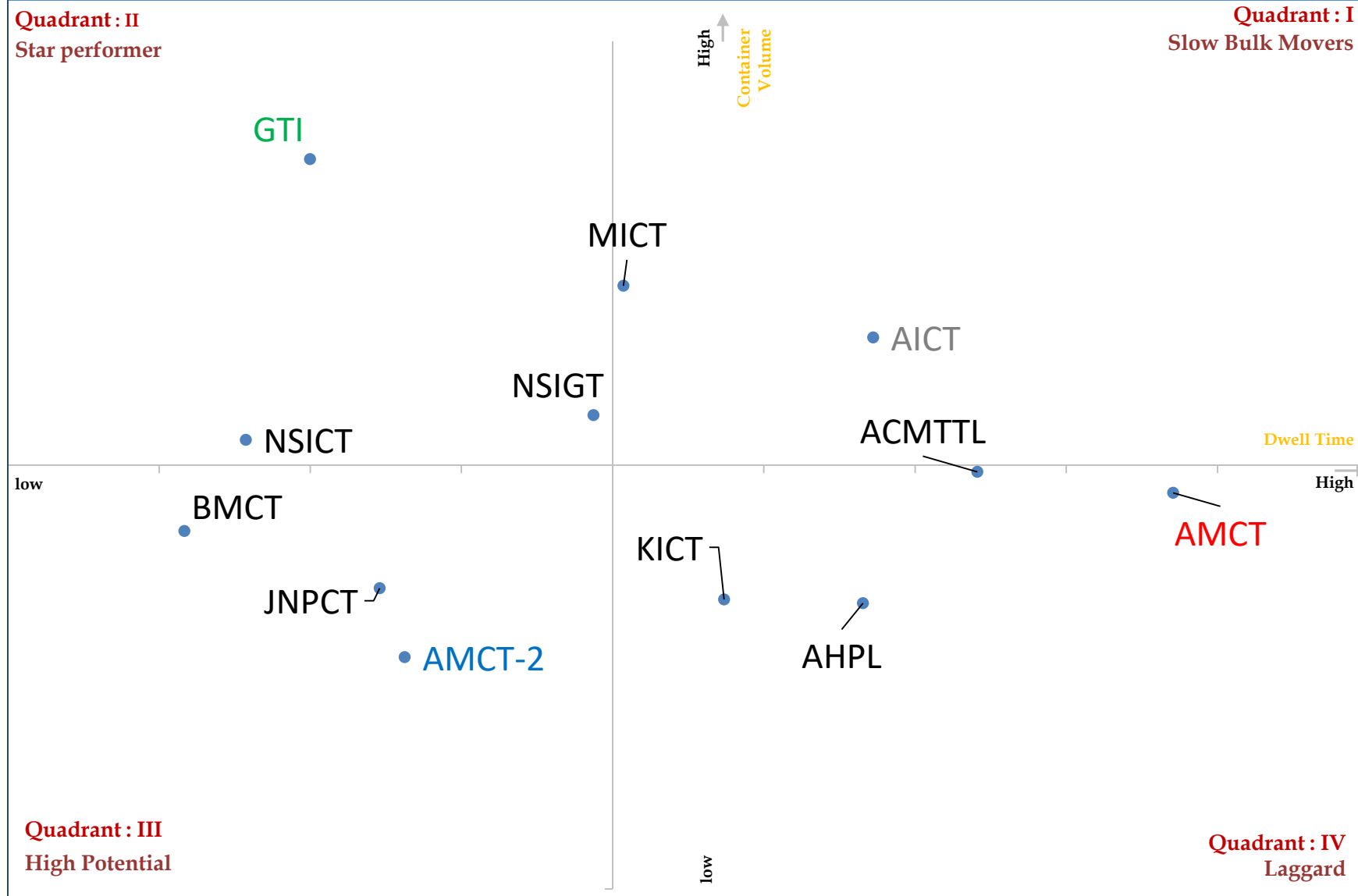




## Performance Benchmarking - Port Terminals

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

### Port Terminal Performance Index – Jun'21



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

### Top Performing Terminal

#### Gateway Terminals India (GTI)

May'21	Jun'21
39.2 Hrs	43.9 Hrs.



### Low Performing Terminal

#### Adani Mundra Container Terminal (AMCT)

May'21	Jun'21
103.3 Hrs	108.3 Hrs



Note: The performance benchmarking is based on performance index



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



CFS



Performance Benchmarking



ICD

## Top Performing CFS

### AllCargo Logistics

May'21

96.2 hrs

Jun'21

83.2 hrs



## Low Performing CFS

### A V Joshi CFS

May'21

88.5 hrs.

Jun'21

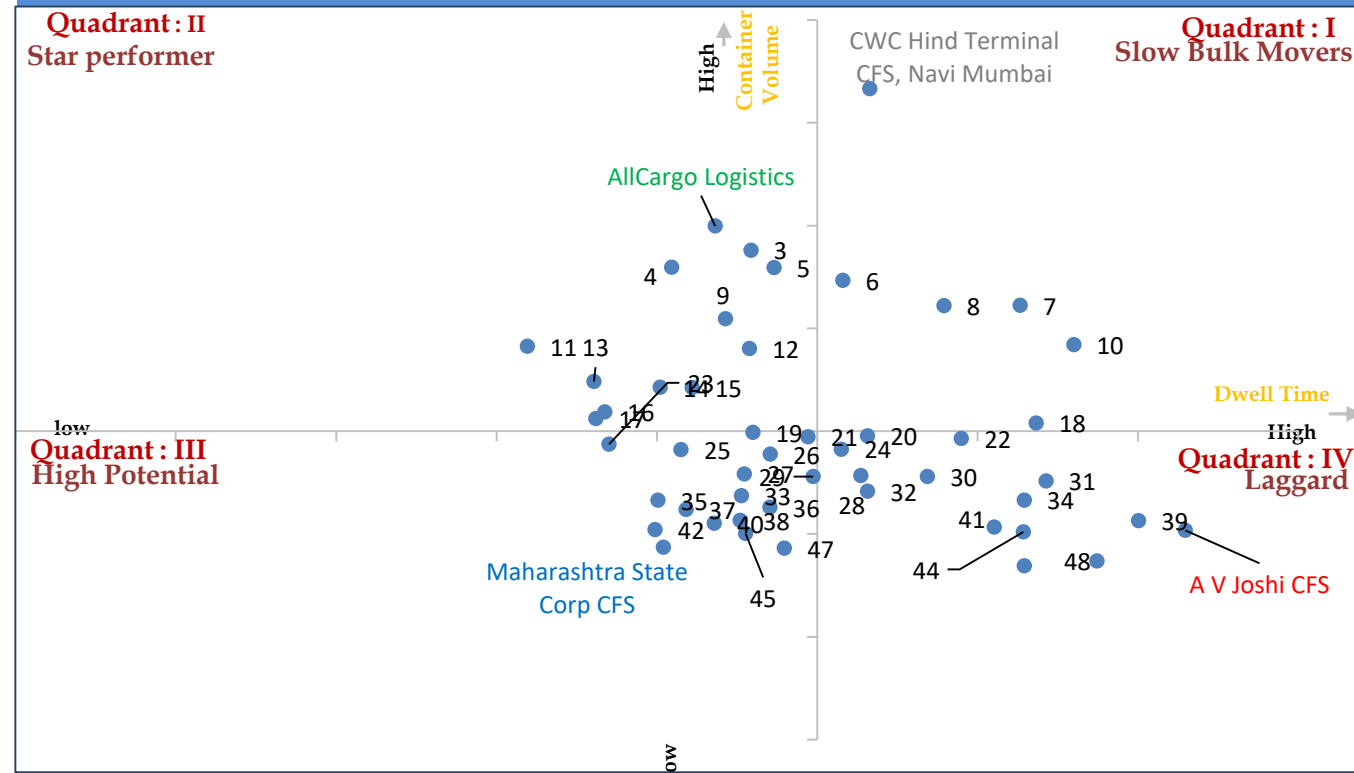
129.3 hrs



Note: The performance benchmarking is based on performance index

The arrows depict increase/decrease in overall performance of the stakeholders as compared to May'21

## Performance Index: Western Corridor CFS



## Top Performing ICD

### Gateway Rail Freight ICD, Gurgaon

May'21

108.5 hrs

Jun'21

96.1 hrs



## Low Performing ICD

### Gateway Rail Freight ICD, Pyala

May'21

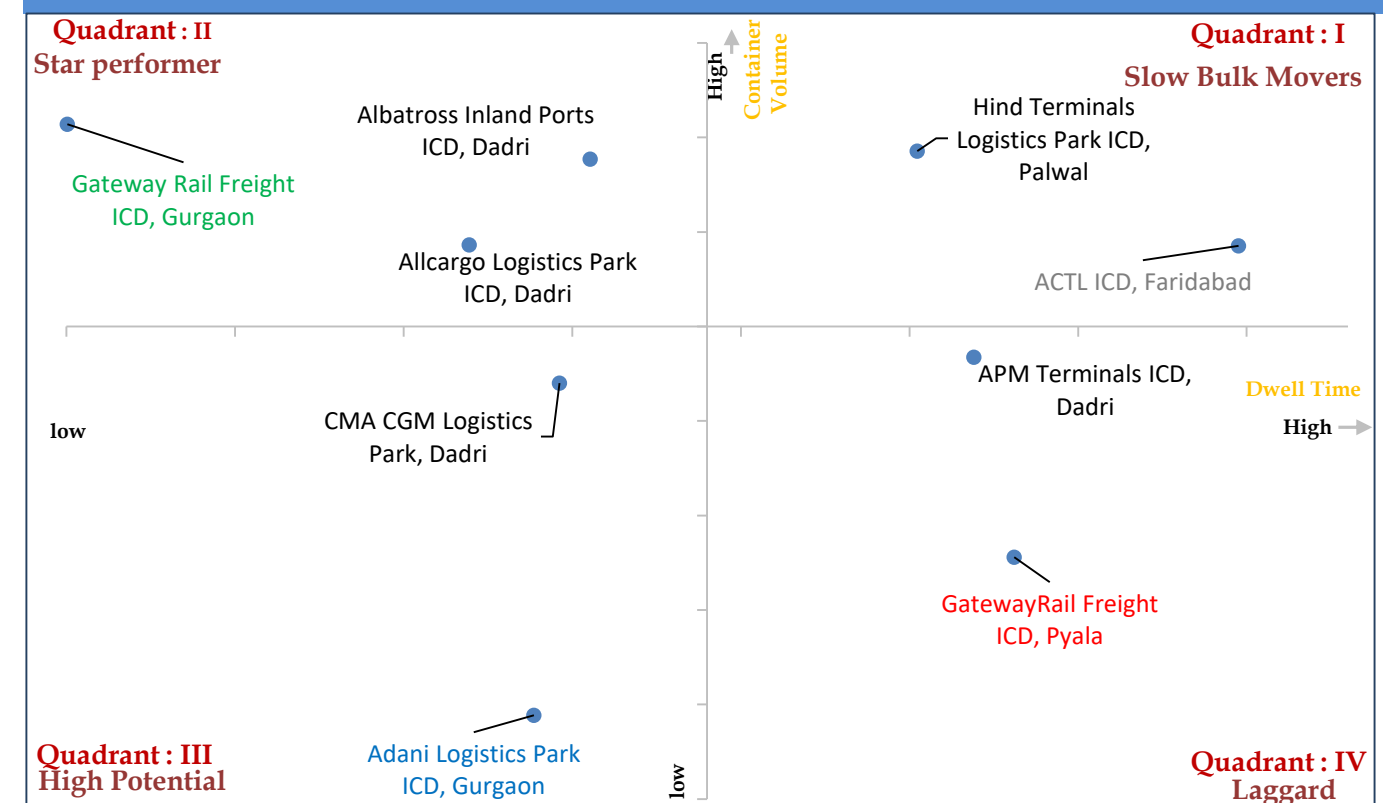
149.8 hrs

Jun'21

136.8 hrs



## Performance Index: ICD



Kindly refer to Annexure section for the names of CFS



## Port Dwell Time

IMPORT

Mode	May'21 (in hrs)	Jun'21 (in hrs)
Overall	45.5	41.1
Truck	44.5	40.7

EXPORT

Mode	May'21 (in hrs)	Jun'21 (in hrs)
Overall	89.1	86.4
Truck	86.3	84.1
Train	104.0	98.3

## Container Freight Stations(CFS)- Dwell Time



Container  
Freight  
Stations

Entity	May'21 (in hrs)	Jun'21 (in hrs)
CFS	107.8	118.1

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

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

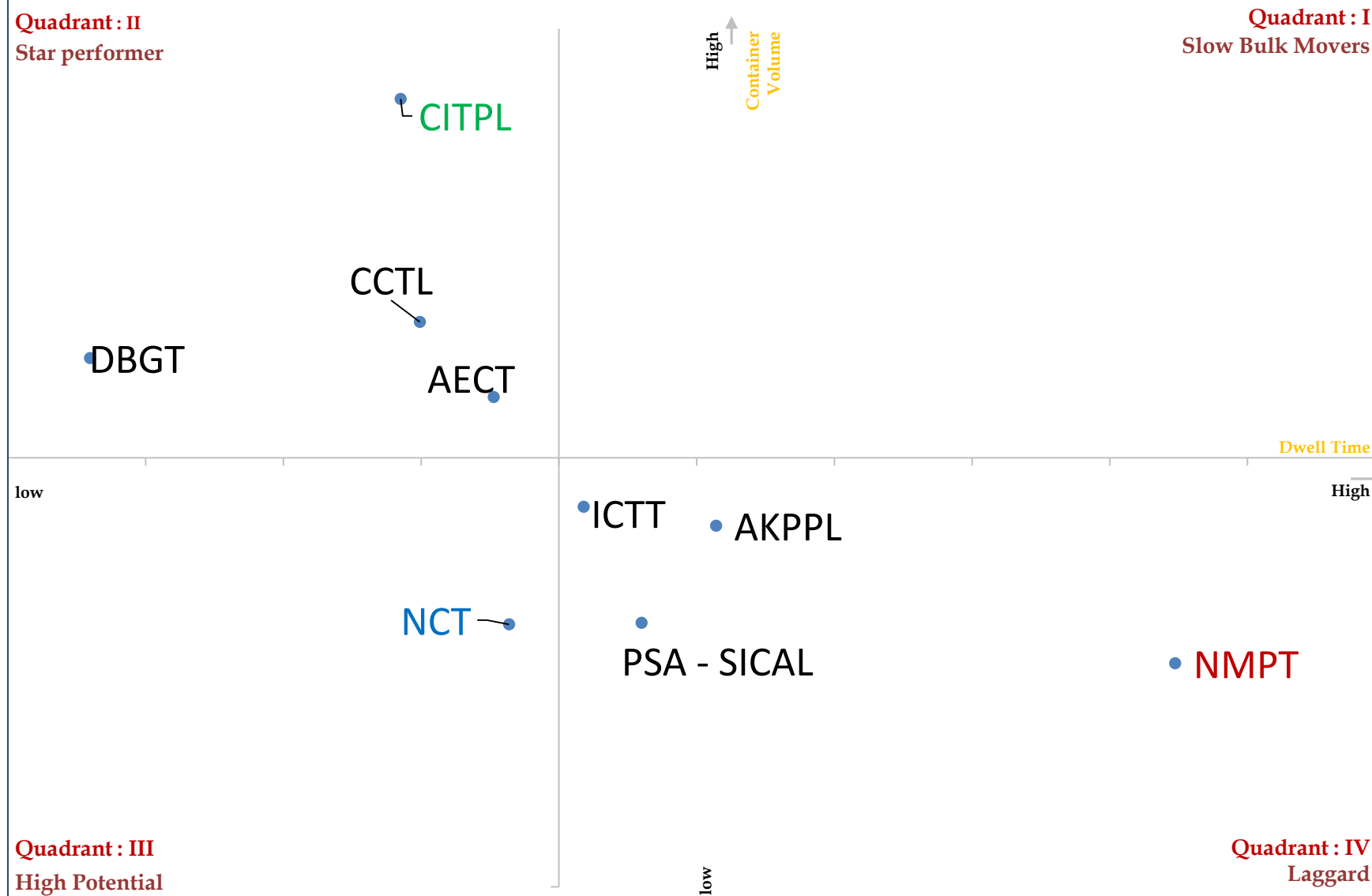




## Performance Benchmarking - Port Terminals

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

### Southern Corridor Port Terminal Performance Index - Jun'21



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

#### Top Performing Terminal

##### Chennai International Terminals Pvt Ltd (CITPL)

May'21	Jun'21
75.1 hrs	59.9 hrs



#### Low Performing Terminal

##### New Mangalore Port Trust Terminal

May'21	Jun'21
107.7 hrs	130.4 hrs



Note: The performance benchmarking is based on performance index



The arrows depict increase/decrease in overall performance of the stakeholders in comparison to May'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 at higher dwell time

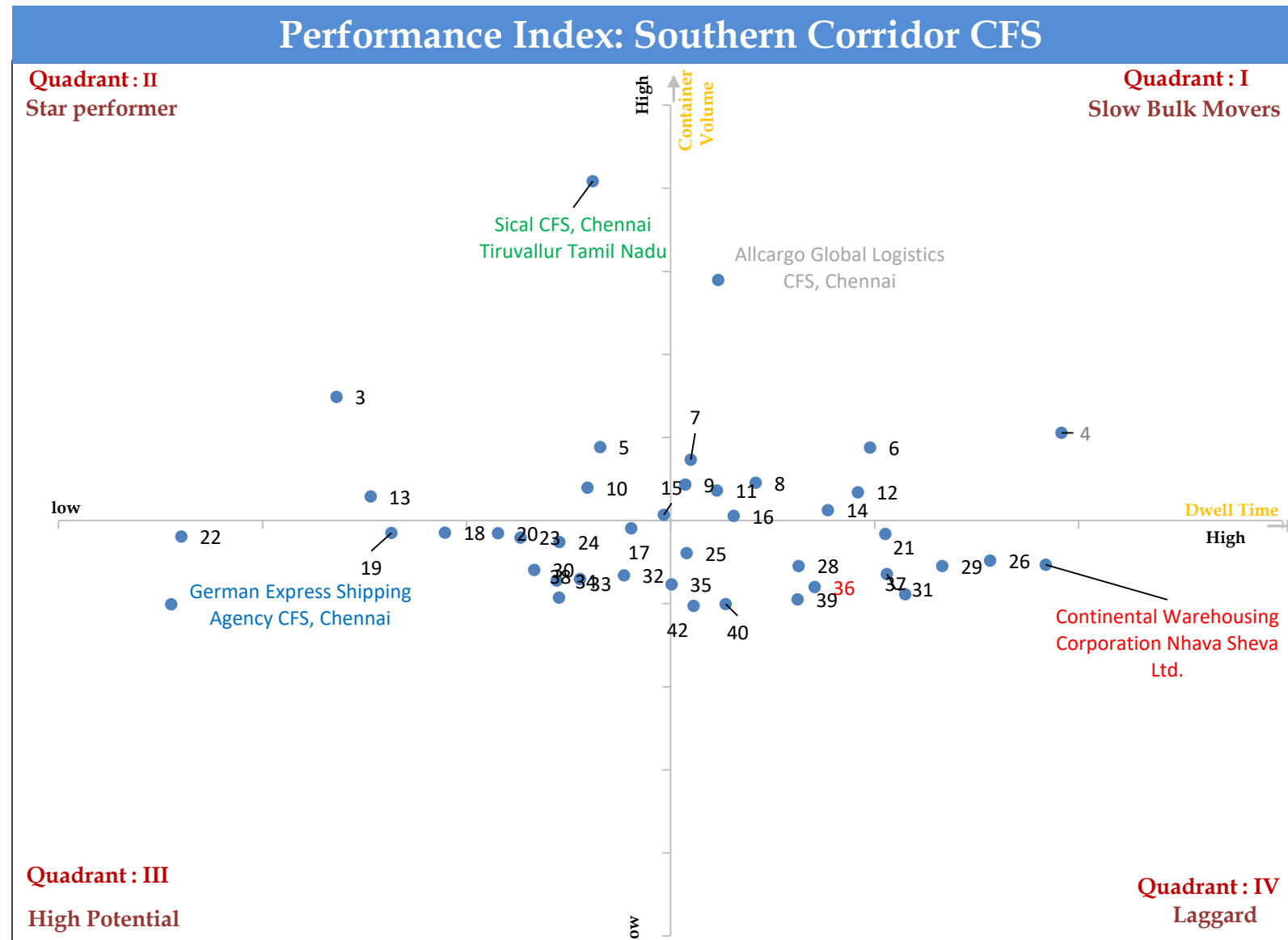
**High Potential :** consist of entities which have catered relatively lower container volume in lower dwell time

**Laggard :** consist of entities which have catered relatively lower container volume at higher dwell time





## Performance Benchmarking - CFS



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

### Top Performing Terminal

**Sical CFS, Chennai Tiruvallur Tamil Nadu**

May'21

Jun'21

102.5 hrs

106.5 hrs



### Low Performing Terminal

**Continental Warehousing Corporation Nhava Sheva Ltd.**

May'21

Jun'21

154.0 hrs

182.8 hrs



Note: The performance benchmarking is based on performance index



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



## Port Dwell Time

IMPORT

Mode	May'21 (in hrs)	Jun'21 (in hrs)
Overall	62.9	64.5
Truck	56.1	57.2
Train	140.7	131.6

EXPORT

Mode	May'21 (in hrs)	Jun'21 (in hrs)
Overall	132.7	130.6
Truck	129.9	128.3
Train	154.7	139.2

## Container Freight Stations(CFS)- Dwell Time



Container  
Freight  
Stations

Entity	May'21 (in hrs)	Jun'21 (in hrs)
CFS	125.2	136.8

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

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

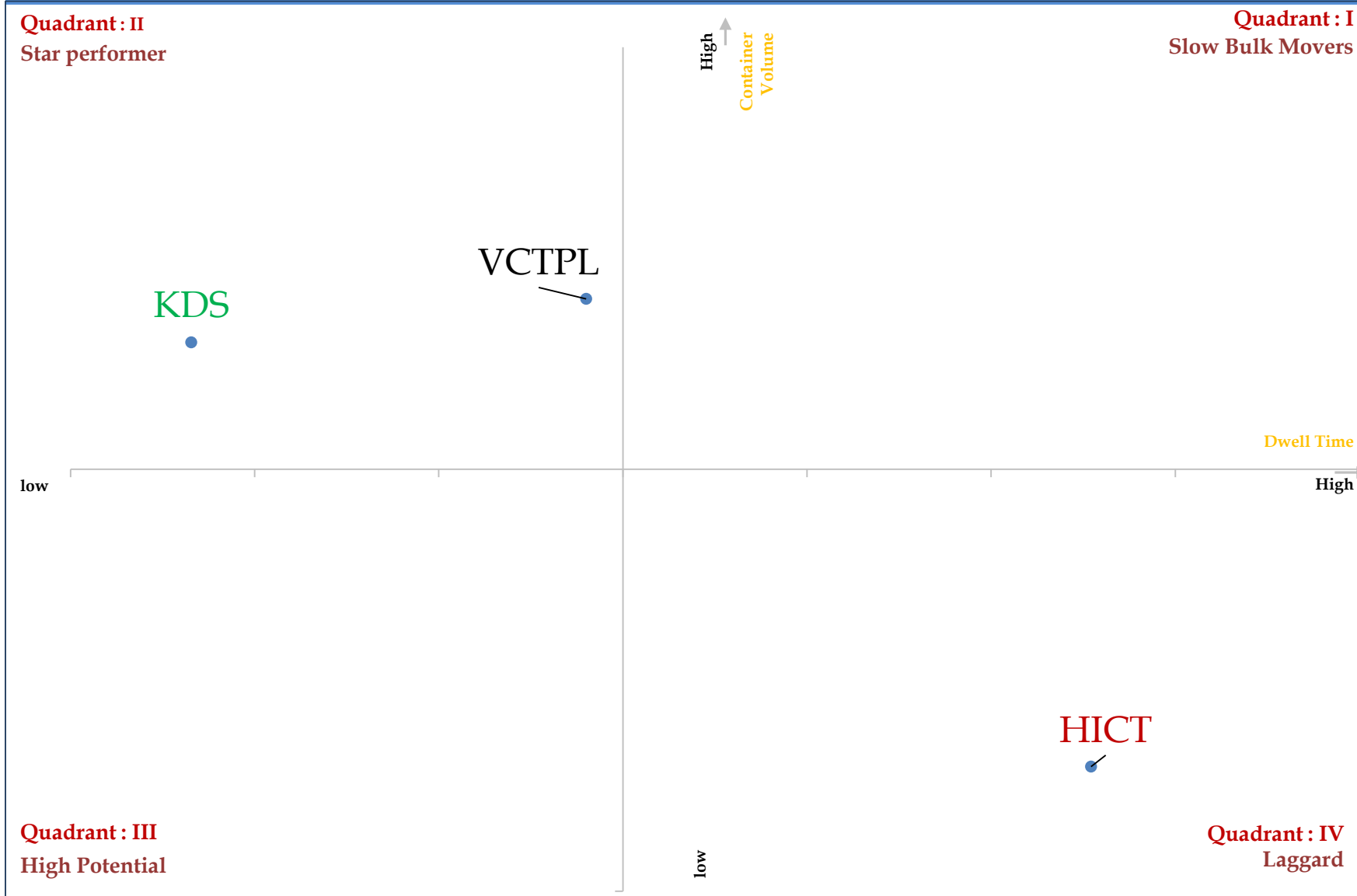




## Performance Benchmarking - Port Terminals

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

### Port Terminal Performance Index – Jun'21



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

#### Top Performing Terminal

##### Kolkata Dock System (KDS)

May'21

Jun'21

76.6 hrs

75.3 hrs



#### Low Performing Terminal

##### Haldia International Container Terminal (HICT)

May'21

Jun'21

107.8 hrs

124.1 hrs



Note: The performance benchmarking is based on performance index



The arrows depict increase/decrease in overall performance of the stakeholders in comparison to May'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 at higher dwell time

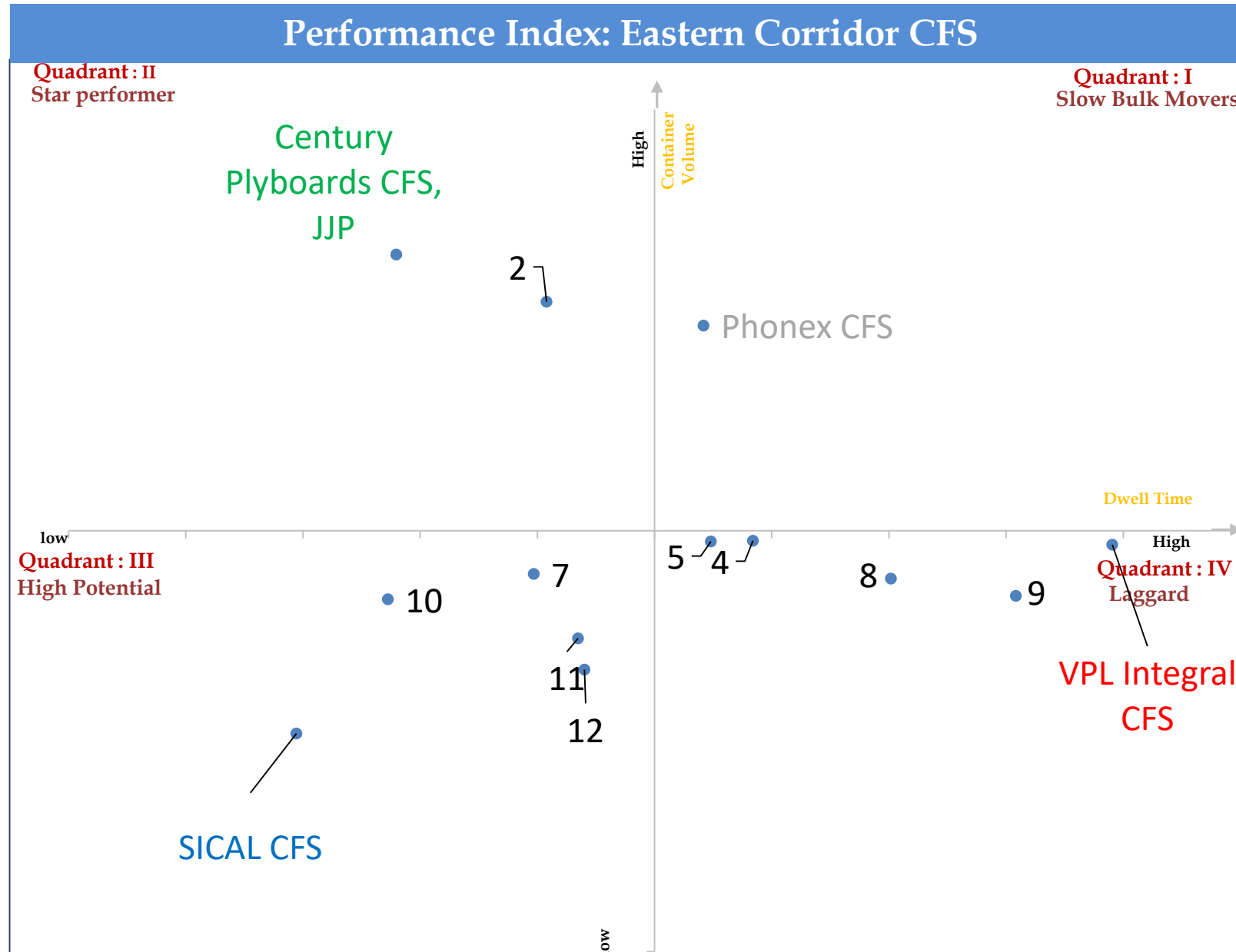
**High Potential :** consist of entities which have catered relatively lower container volume in lower dwell time

**Laggard :** consist of entities which have catered relatively lower container volume at higher dwell time





## Performance Benchmarking - CFS



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

### Top Performing Terminal

#### Century Plyboards CFS, JJP

May'21	Jun'21
109.9 hrs	110.0 hrs



### Low Performing Terminal

#### VPL Integral CFS

May'21	Jun'21
154.9 hrs	186.0 hrs



Note: The performance benchmarking is based on performance index



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

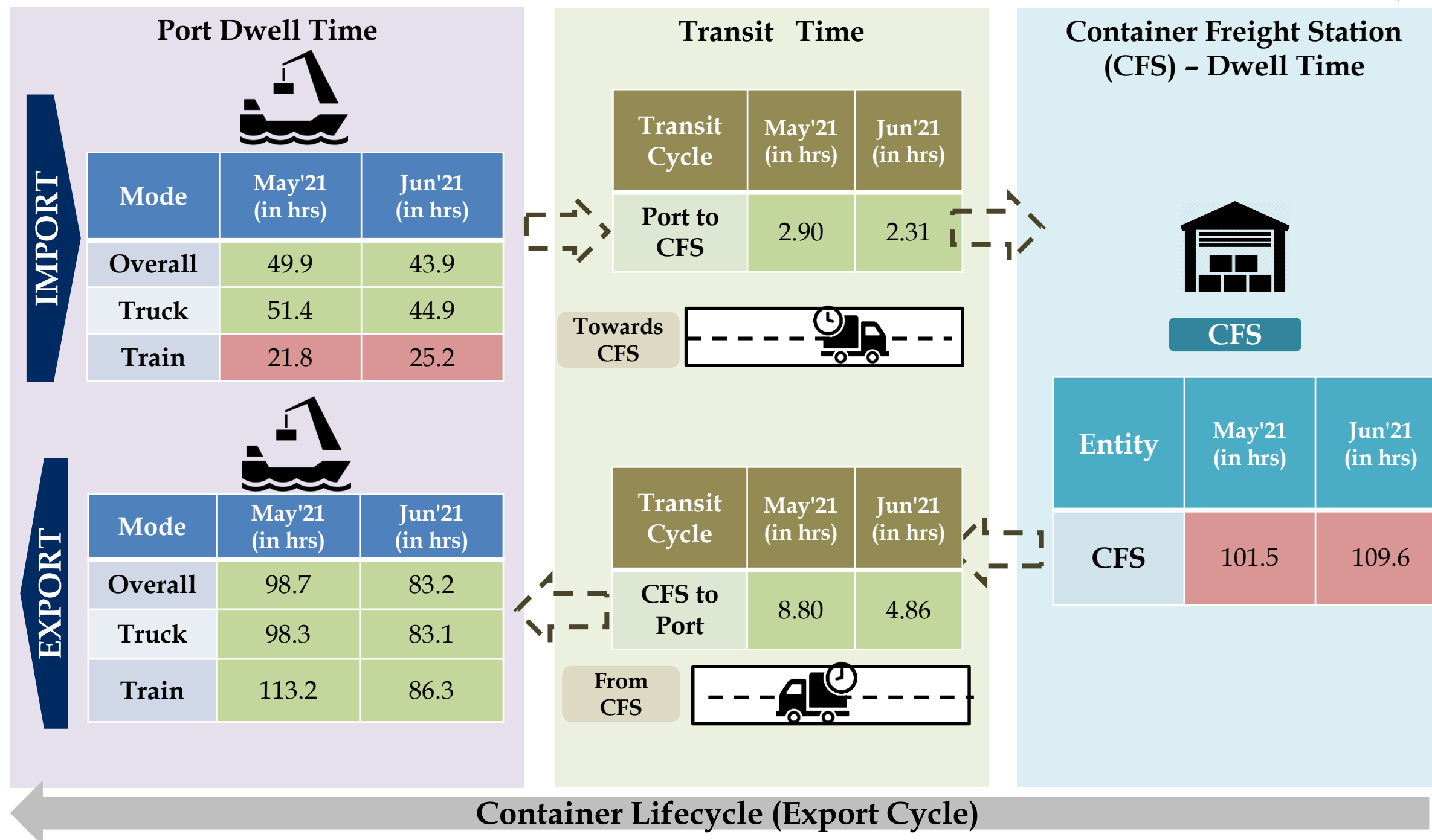


# Individual Terminal Performance In Southern Corridor



# Chennai Port Terminals: Container Transportation

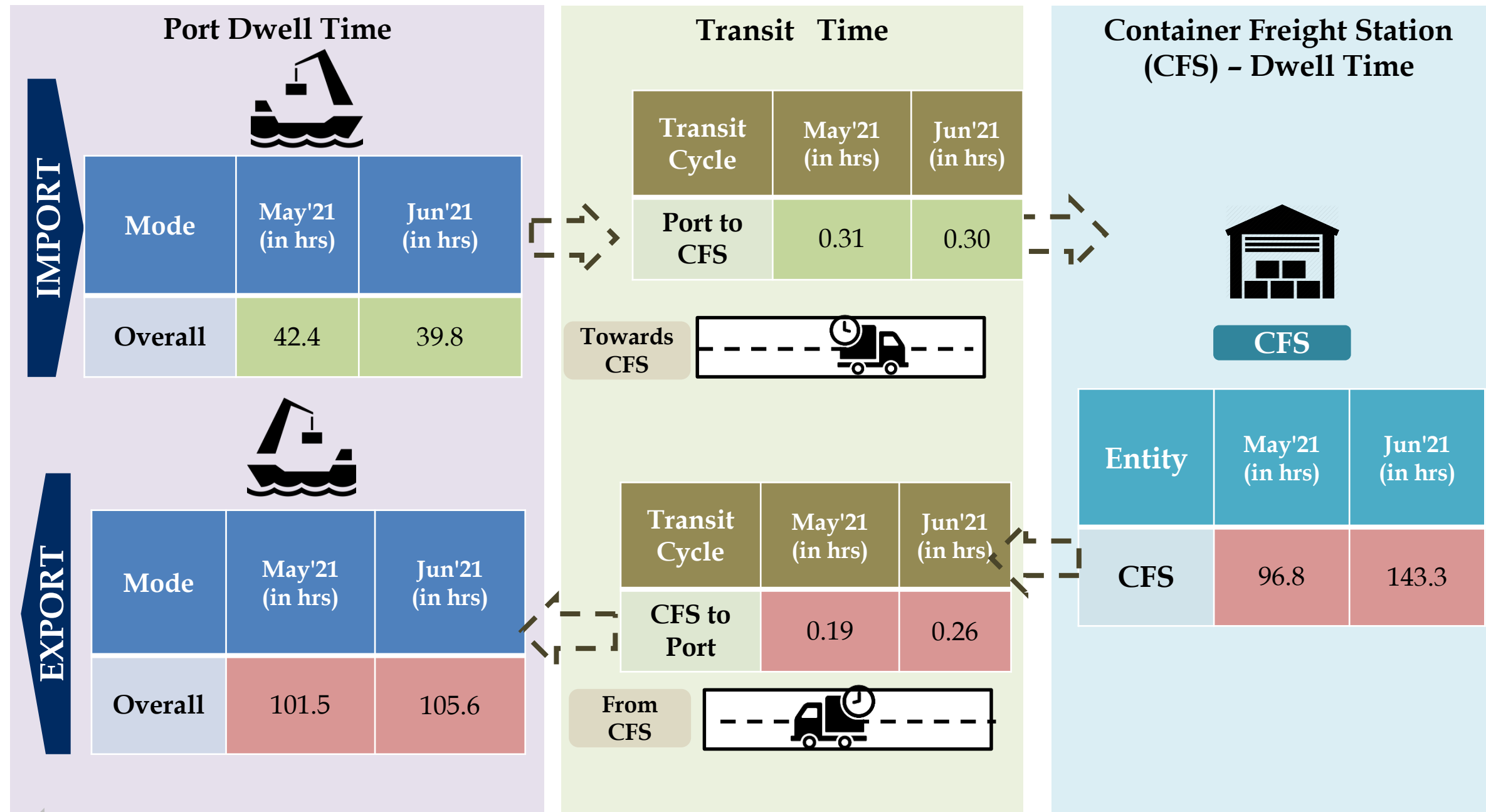
## Container Lifecycle (Import Cycle)





# Kochi Port Terminal: Container Transportation

## Container Lifecycle (Import Cycle)

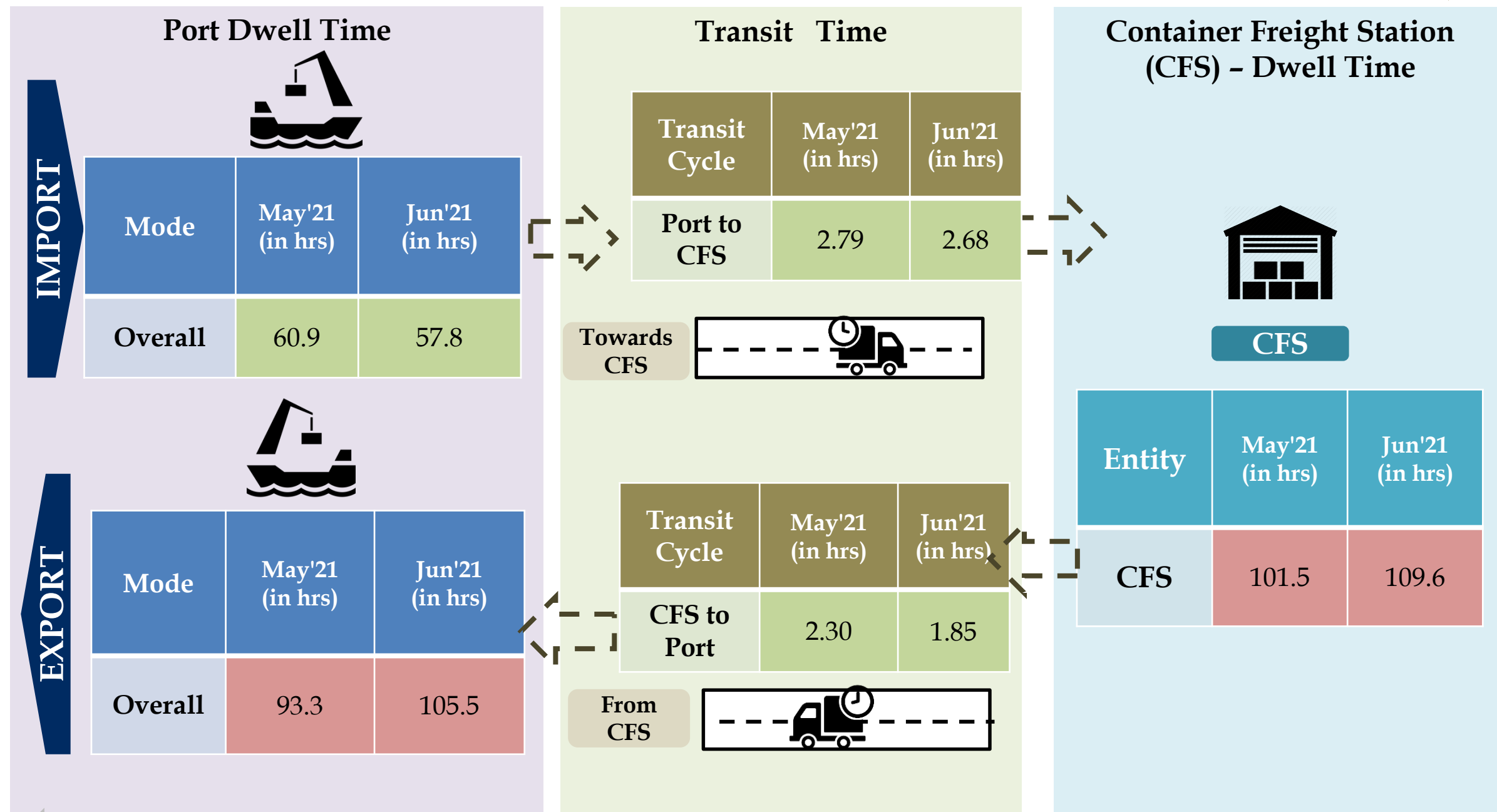


## Container Lifecycle (Export Cycle)



# Kattupalli Port Terminal: Container Transportation

## Container Lifecycle (Import Cycle)

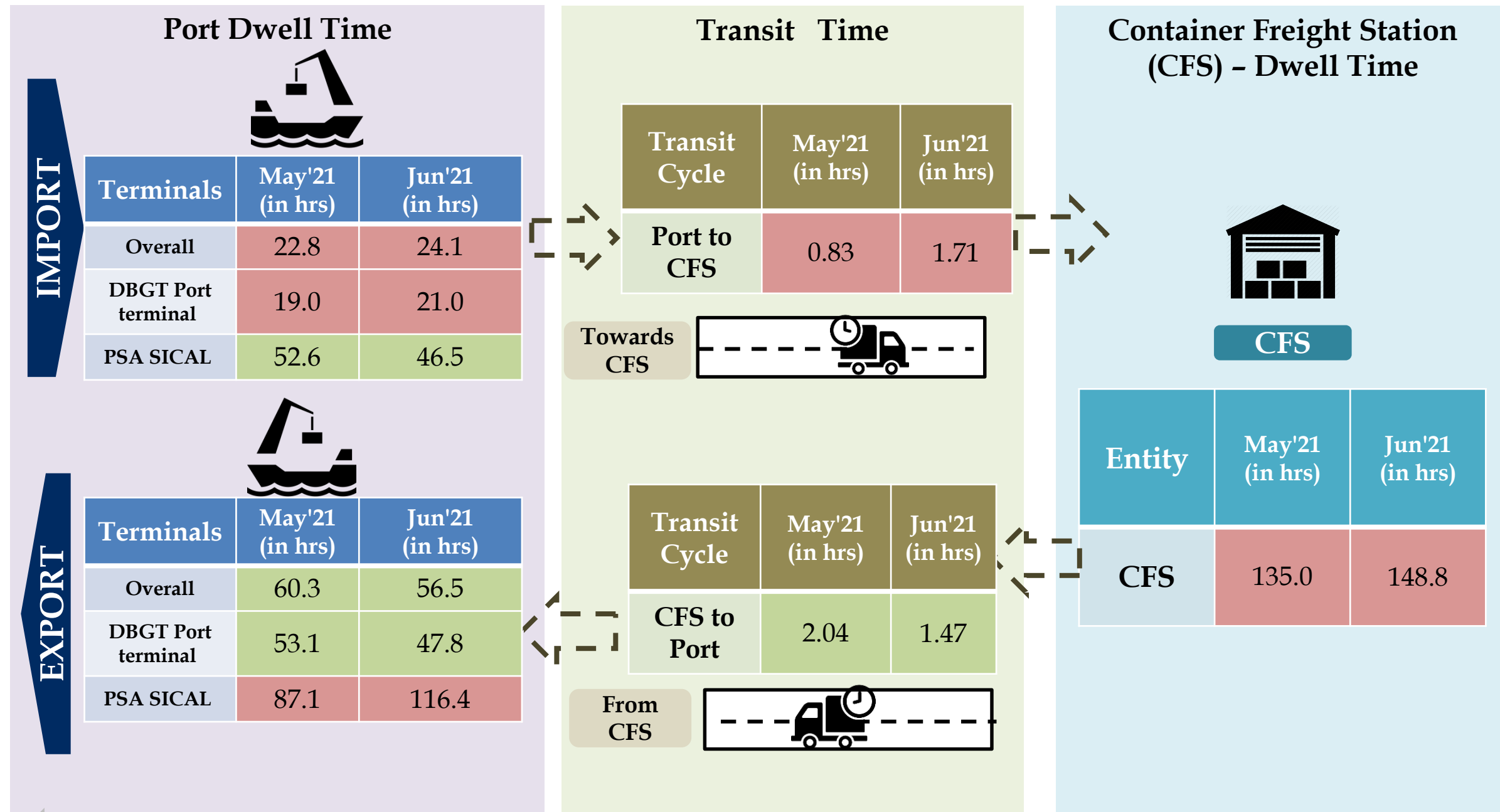


## Container Lifecycle (Export Cycle)



# Tuticorin Port Terminal: Container Transportation

## Container Lifecycle (Import Cycle)



## Container Lifecycle (Export Cycle)



# Krishnapatnam Port Terminal: Container Transportation

## Container Lifecycle (Import Cycle)

### Port Dwell Time\*



Mode	May'21 (in hrs)	Jun'21 (in hrs)
Overall	82.4	47.1



Mode	May'21 (in hrs)	Jun'21 (in hrs)
Overall	71.9	99.3

### Container Freight Station (CFS) - Dwell Time



#### CFS

Entity	May'21 (in hrs)	Jun'21 (in hrs)
CFS	123.6	100.7

The marked entries showcase the increase in performance as compared to May'21

The marked entries showcase the decrease in performance as compared to May'21

### Cargo Dwell Time



#### Port

Port Cargo Dwell time	May'21 (in hrs)	Jun'21 (in hrs)
Import	65.9	47.6
Export	70.3	88.7

Cargo Clearance time is calculated on the basis of Container In Time and Cargo out time for Import Cycle whereas for Export Cycle it is been calculated on the basis of Cargo In time and Container Out time

## Container Lifecycle (Export Cycle)

★ Port dwell time reflects the time container has spent in the vicinity which is calculated on the basis of Port out time and Port in Time of container



## Container Lifecycle (Import Cycle)

### Port Dwell Time



Mode	May'21 (in hrs)	Jun'21 (in hrs)
Overall	57.0	46.3
Truck	25.4	48.6
Train	58.9	46.1



Mode	May'21 (in hrs)	Jun'21 (in hrs)
Overall	102.2	98.2
Truck	71.1	57.6
Train	103.2	99.0

### Container Freight Station (CFS) - Dwell Time



CFS

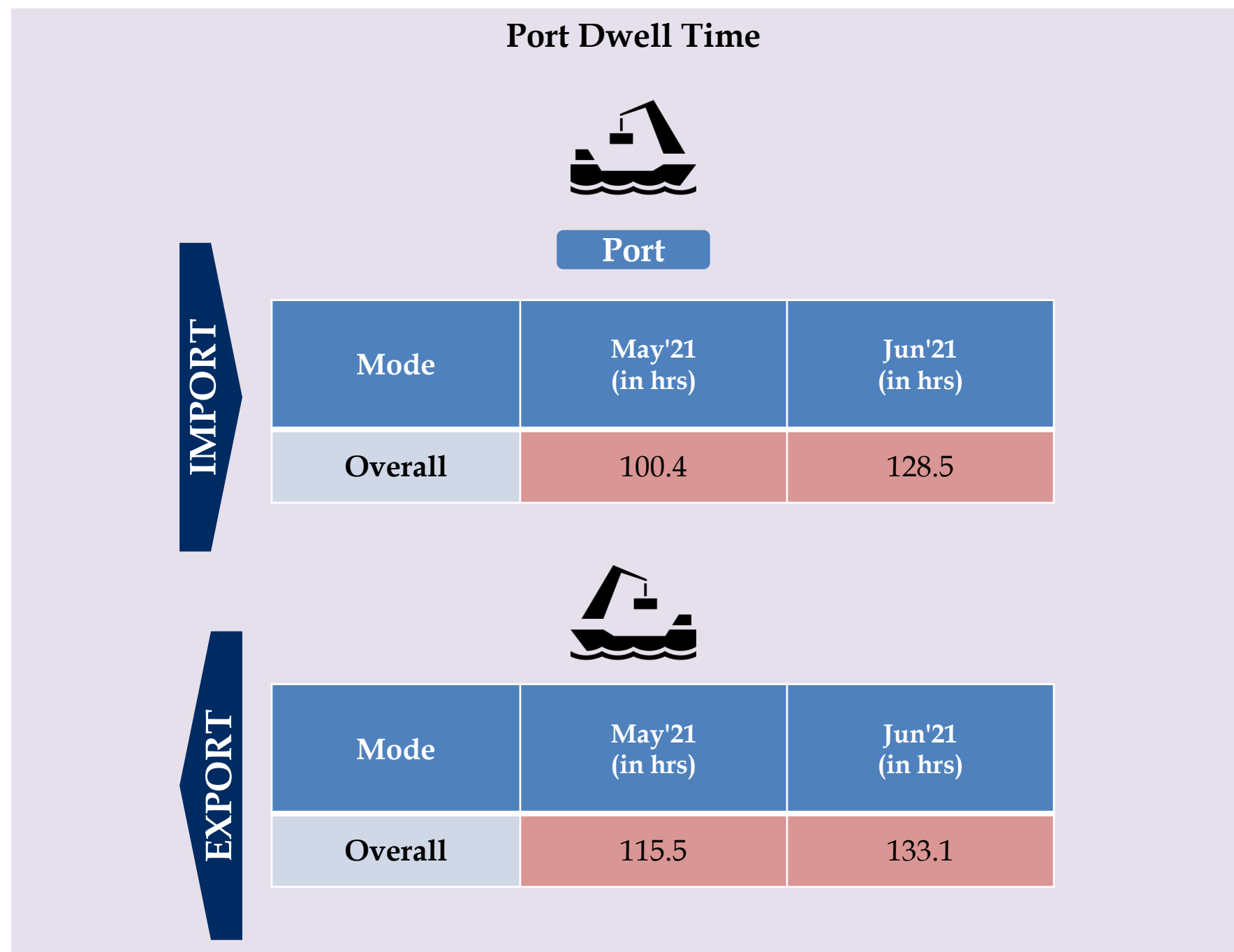
Entity	May'21 (in hrs)	Jun'21 (in hrs)
CFS	101.5	109.6


The marked entries showcase the increase in performance as compared to May'21


The marked entries showcase the decrease in performance as compared to May'21

## Container Lifecycle (Export Cycle)





 The marked entries showcase the increase in performance as compared to May'21

 The marked entries showcase the decrease in performance as compared to May'21

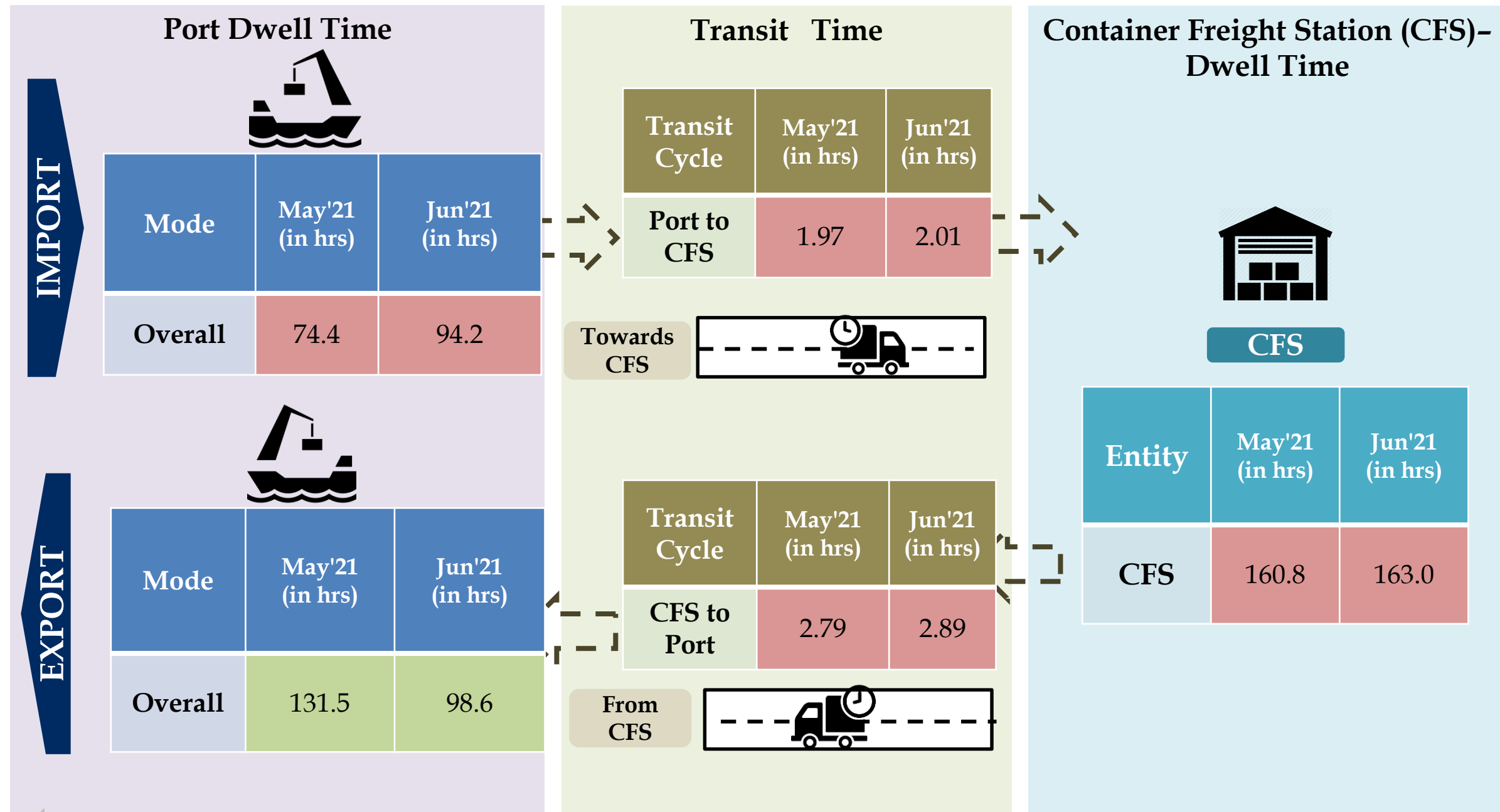


# Individual Terminal Performance In Eastern Corridor



# Vishakhapatnam Port Terminal: Container Transportation

## Container Lifecycle (Import Cycle)

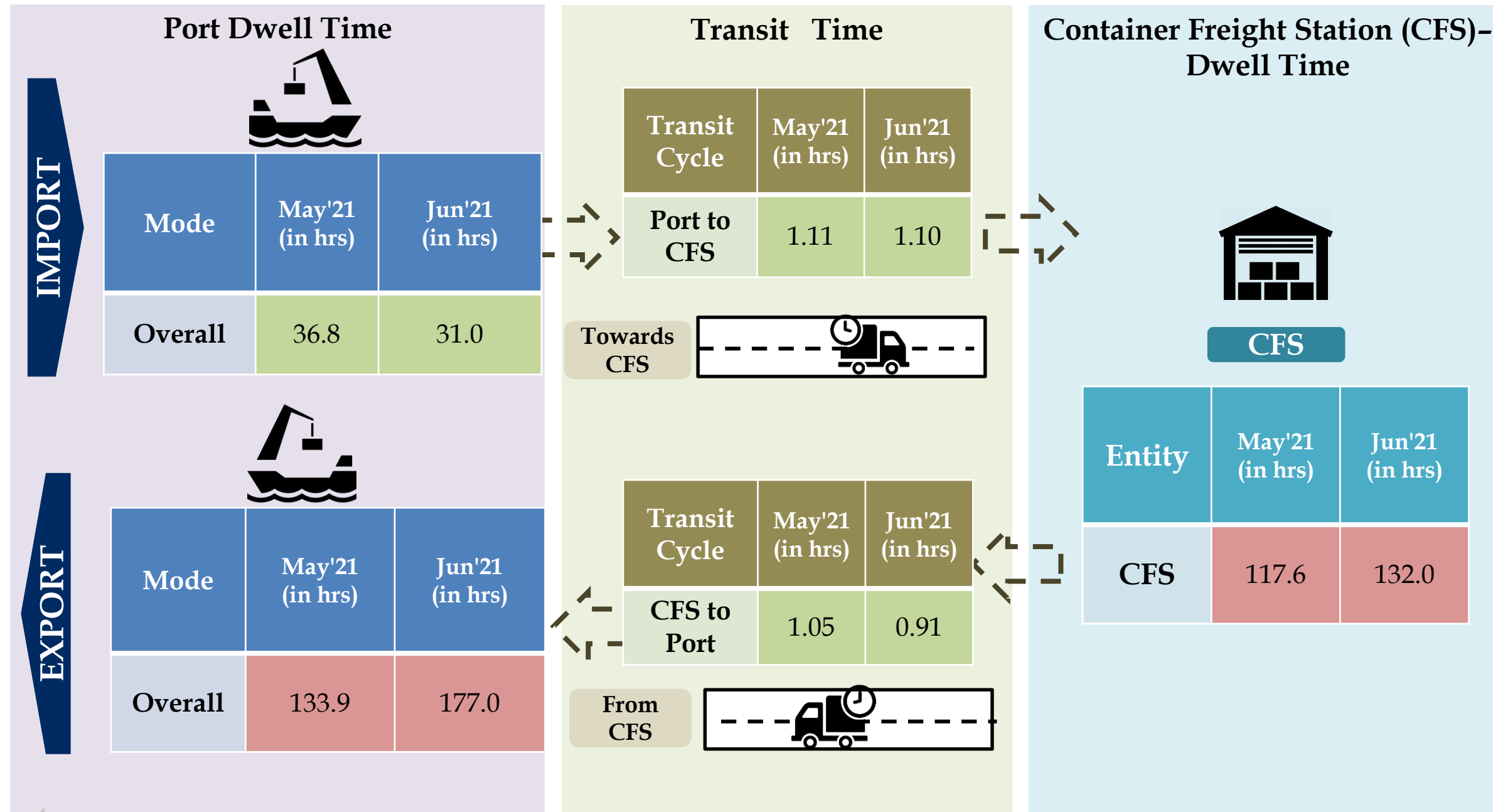


## Container Lifecycle (Export Cycle)



# Kolkata Port Terminal: Container Transportation

## Container Lifecycle (Import Cycle)

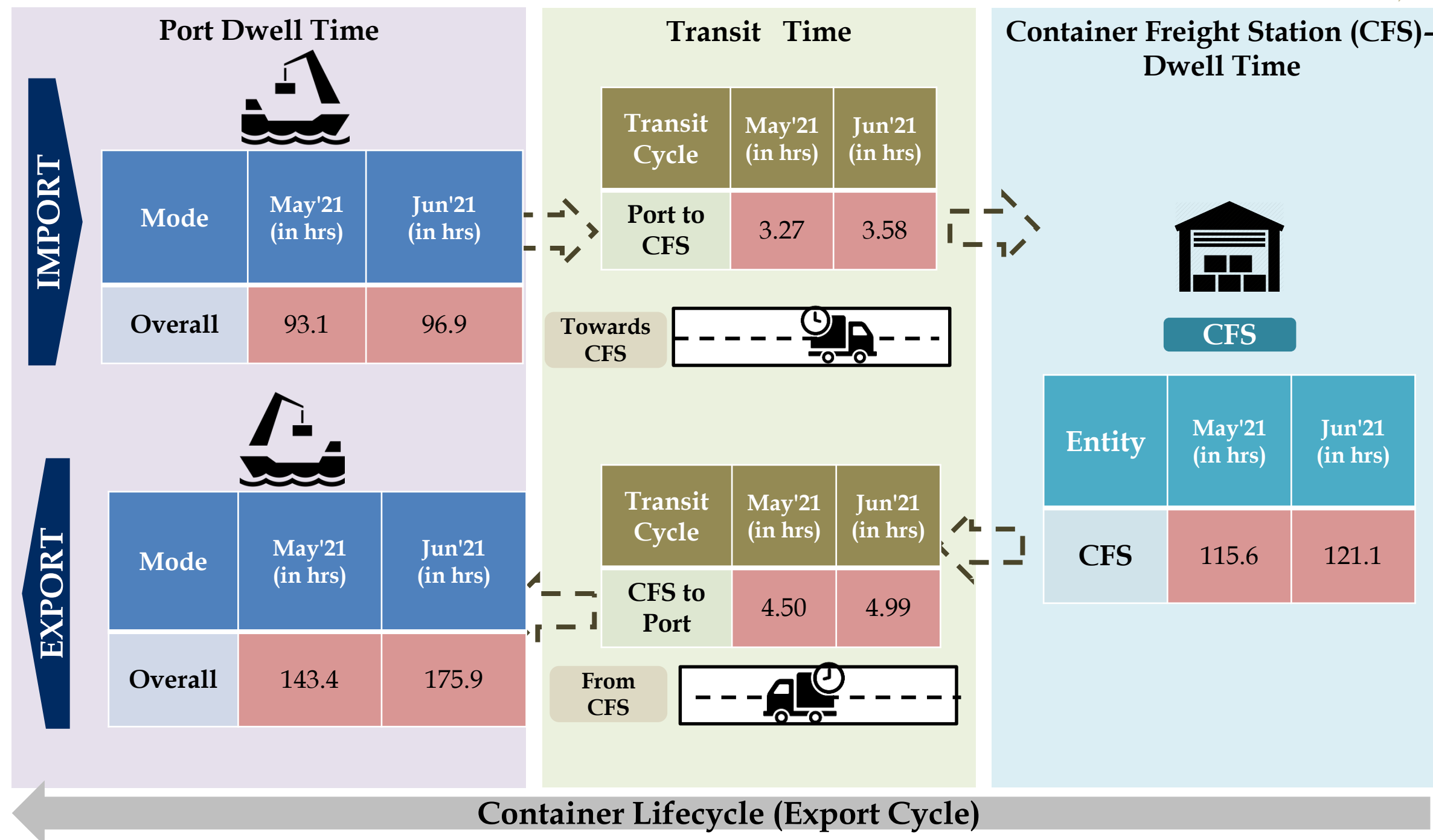


## Container Lifecycle (Export Cycle)



# Haldia Port Terminal: Container Transportation

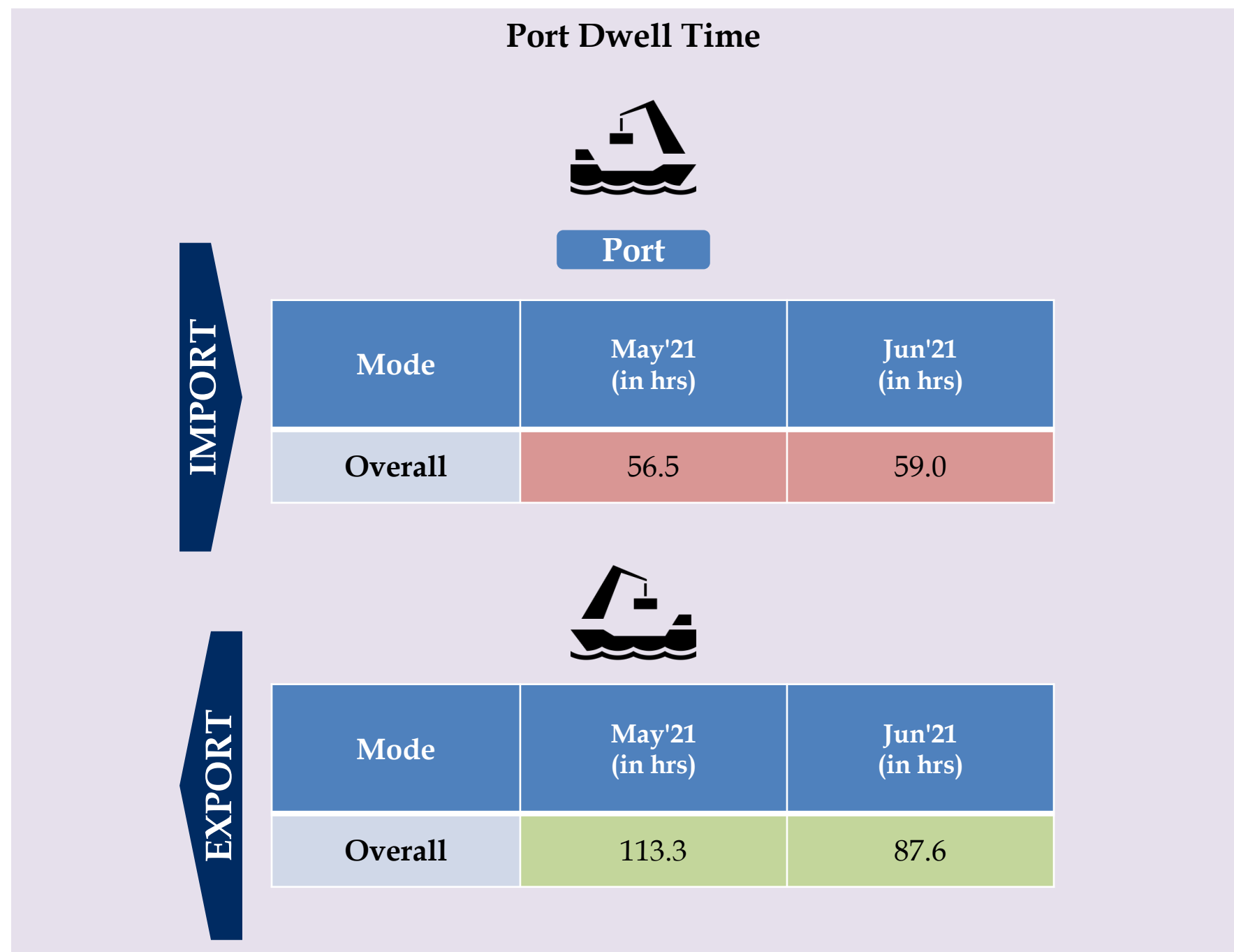
## Container Lifecycle (Import Cycle)







# Individual Terminal Performance In Western Corridor





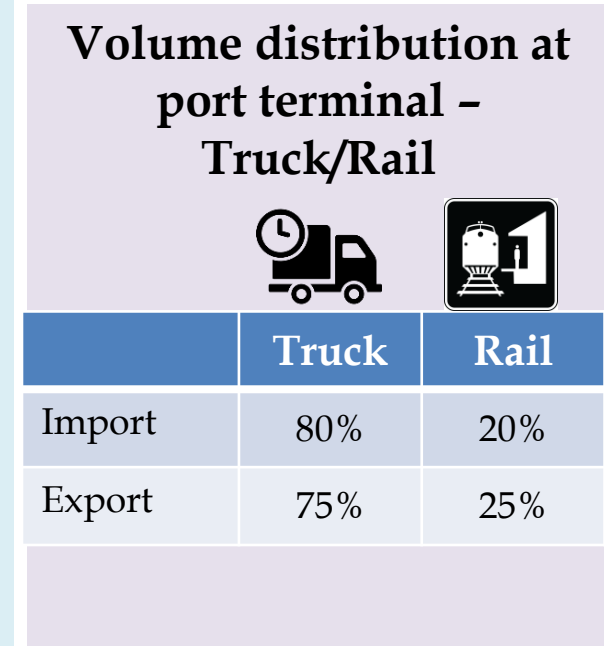
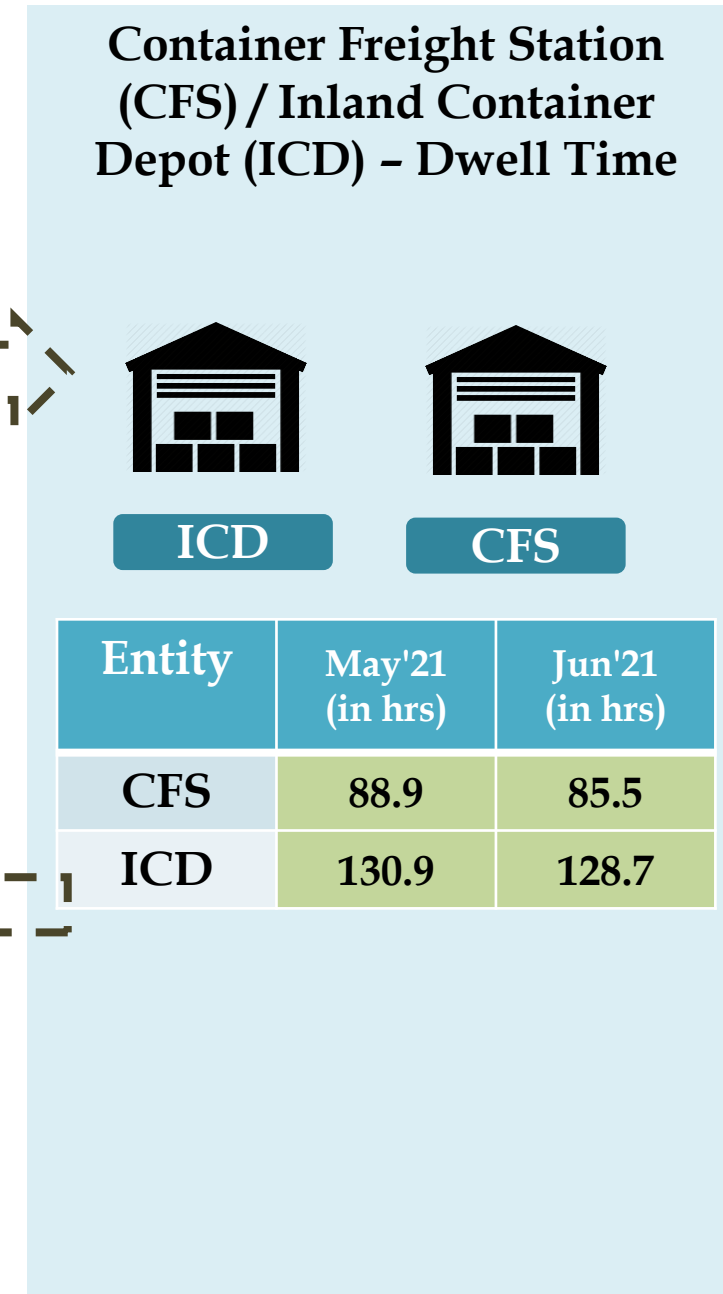
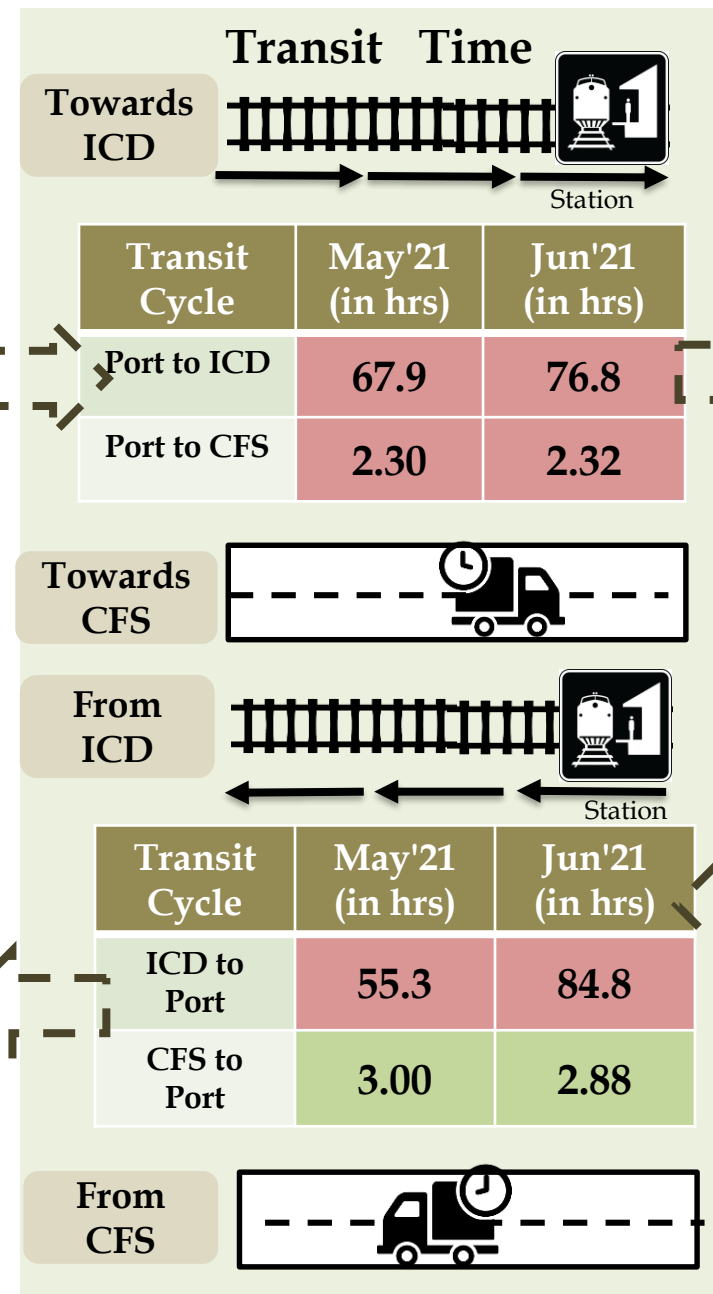
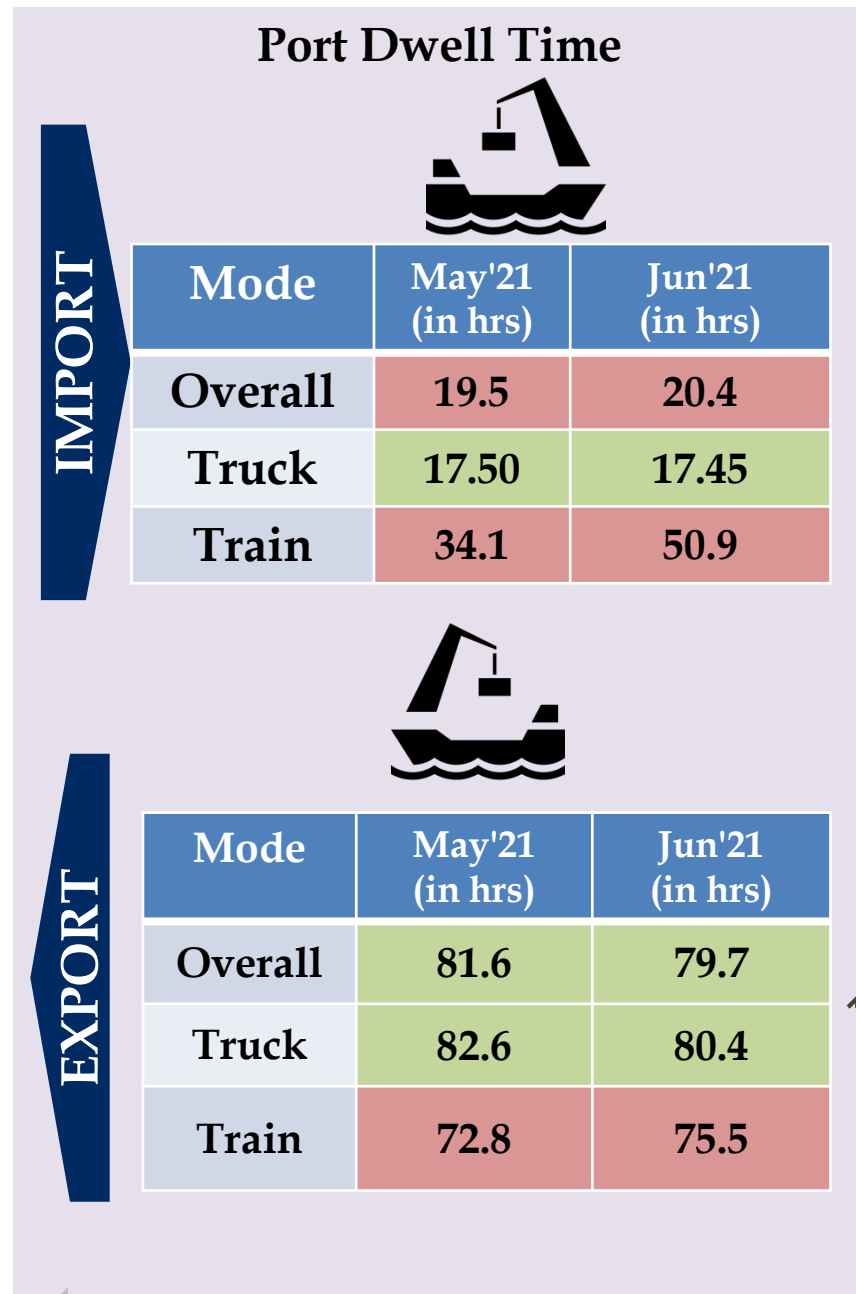
 The marked entries showcase the increase in performance as compared to May'21


 The marked entries showcase the decrease in performance as compared to May'21




# Container Transportation- JNPT Port Terminals

## Container Lifecycle (Import Cycle)



 The marked entries showcase the increase in performance as compared to May'21

 The marked entries showcase the decrease in performance as compared to May'21

## Container Lifecycle (Export Cycle)



# Container Transportation- JNPT Port Terminals

%IMPORT CYCLE DWELL TIME (Jun'21 – in hrs)			Compared to May'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	20.4	5% ↓
	Port Dwell Time for Truck Bound Containers	17.45	1% ↑
	Port Dwell time for Train Bound Containers	50.9	49% ↓
	Port Dwell time Direct Port Delivery (DPD) containers	35.3	1% ↑
	Port Dwell time Containers bound for CFS	16.5	10% ↓
	Port Dwell for Empty Containers	29.9	6% ↑
	Port Dwell for Laden Containers	19.1	4% ↓
TRANSIT TIME	Port to ICD	76.8	13% ↓
	Port to CFS	2.32	1% ↓

EXPORT CYCLE DWELL TIME (Jun'21– in hrs)			Compared to May'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	79.7	2% ↑
	Port Dwell Time for Truck Bound Containers	80.4	3% ↑
	Port Dwell time for Train Bound Containers	75.5	4% ↓
	Port Dwell time Direct Port Entry (DPE) containers	87.7	3% ↓
	Port Dwell time Containers bound from CFS	80.3	4% ↑
	Port Dwell for Empty Containers	72.6	2% ↑
	Port Dwell for Laden Containers	79.7	2% ↓
TRANSIT TIME	ICD to Port	84.8	53% ↓
	CFS to Port	2.88	4% ↑

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



# JNPT Region: Parking Plaza Dwell Time Analysis

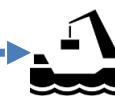
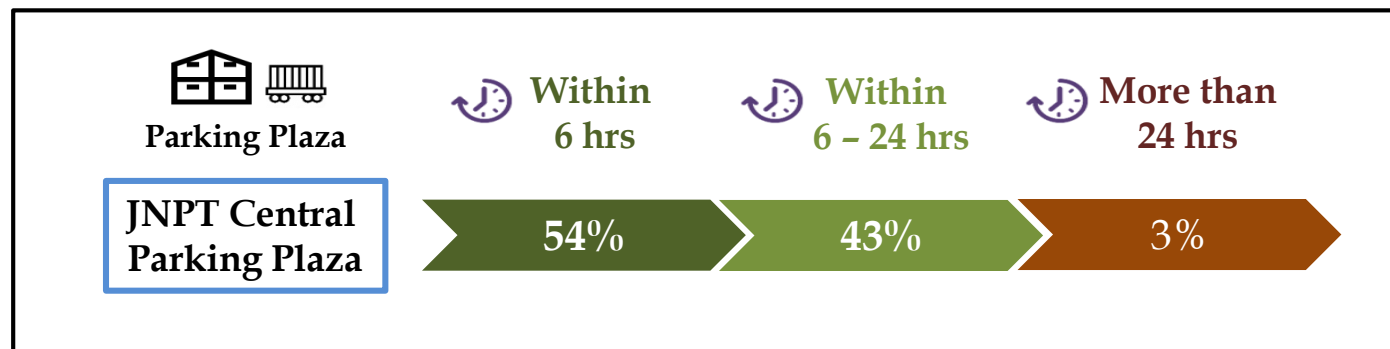
The below table depicts the Parking Plaza & Parking Plaza to Port Transit Performance at JNPT Port Terminals and their volume bifurcation in export cycle



## Parking Plaza Gate In – Gate Out

Mode	May'21 (in hrs)	Jun'21 (in hrs)
Overall Parking Plaza	5.2	5.6

## Container Handled: Day wise (Jun'21 )

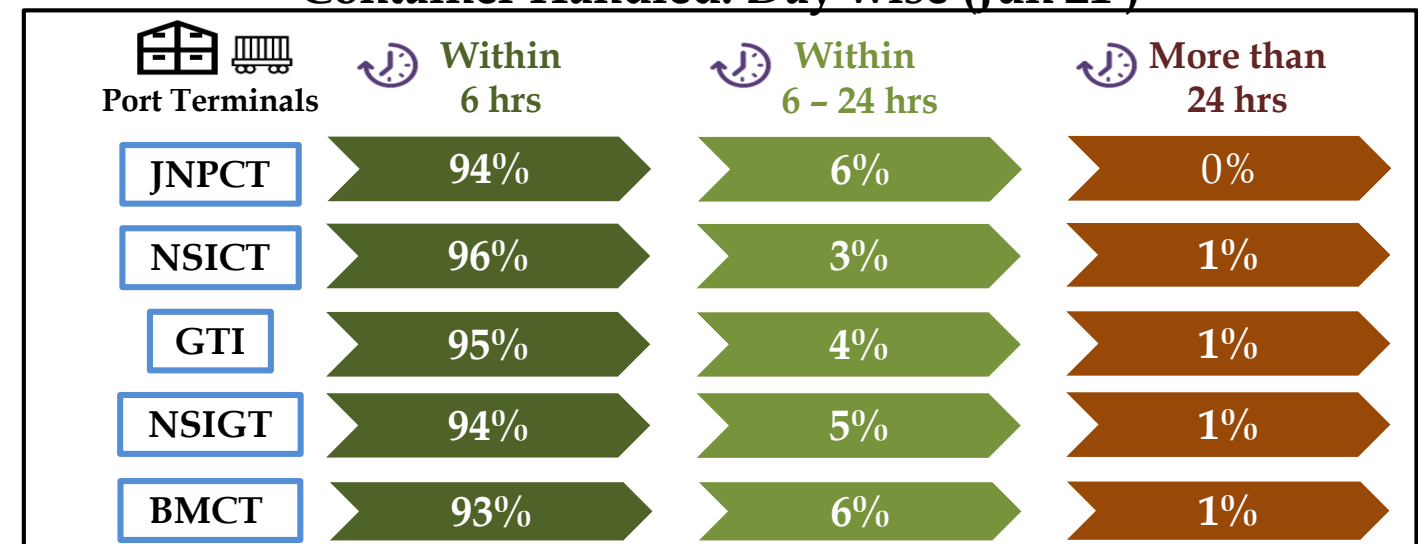


## Parking Plaza Gate Out – Terminal In

Mode	May'21 (in hrs)	Jun'21 (in hrs)
Overall Parking Plaza to JNPT Port	1.10	1.09

Port	May'21 (in hrs)	Jun'21 (in hrs)
JNPCT	1.7	1.3
NSICT	0.6	0.8
GTI	1.1	0.9
NSIGT	0.9	1.0
BMCT	2.2	2.3

## Container Handled: Day wise (Jun'21 )





## Container Lifecycle (Import Cycle)

IMPORT

Mode	May'21 (in hrs)	Jun'21 (in hrs)
Overall	36.4	32.0
Truck	26.2	23.4
Train	99.0	85.7

EXPORT

Mode	May'21 (in hrs)	Jun'21 (in hrs)
Overall	136.7	129.6
Truck	133.4	125.9
Train	146.4	140.2

TOWARDS ICD

Transit Cycle	May'21 (in hrs)	Jun'21 (in hrs)
Port to ICD	85.10	85.58
Port to CFS	0.97	0.94

TOWARDS CFS

Transit Cycle	May'21 (in hrs)	Jun'21 (in hrs)
ICD to Port	72.95	86.50
CFS to Port	0.85	0.56

FROM ICD

Transit Cycle	May'21 (in hrs)	Jun'21 (in hrs)
ICD to Port	72.95	86.50
CFS to Port	0.85	0.56

FROM CFS

Transit Cycle	May'21 (in hrs)	Jun'21 (in hrs)
ICD to Port	72.95	86.50
CFS to Port	0.85	0.56

VOLUME DISTRIBUTION AT PORT TERMINAL - TRUCK/RAIL

	Truck	Rail
Import	72%	28%
Export	68%	32%

The marked entries showcase the increase in performance as compared to May'21

The marked entries showcase the decrease in performance as compared to May'21

## Container Lifecycle (Export Cycle)



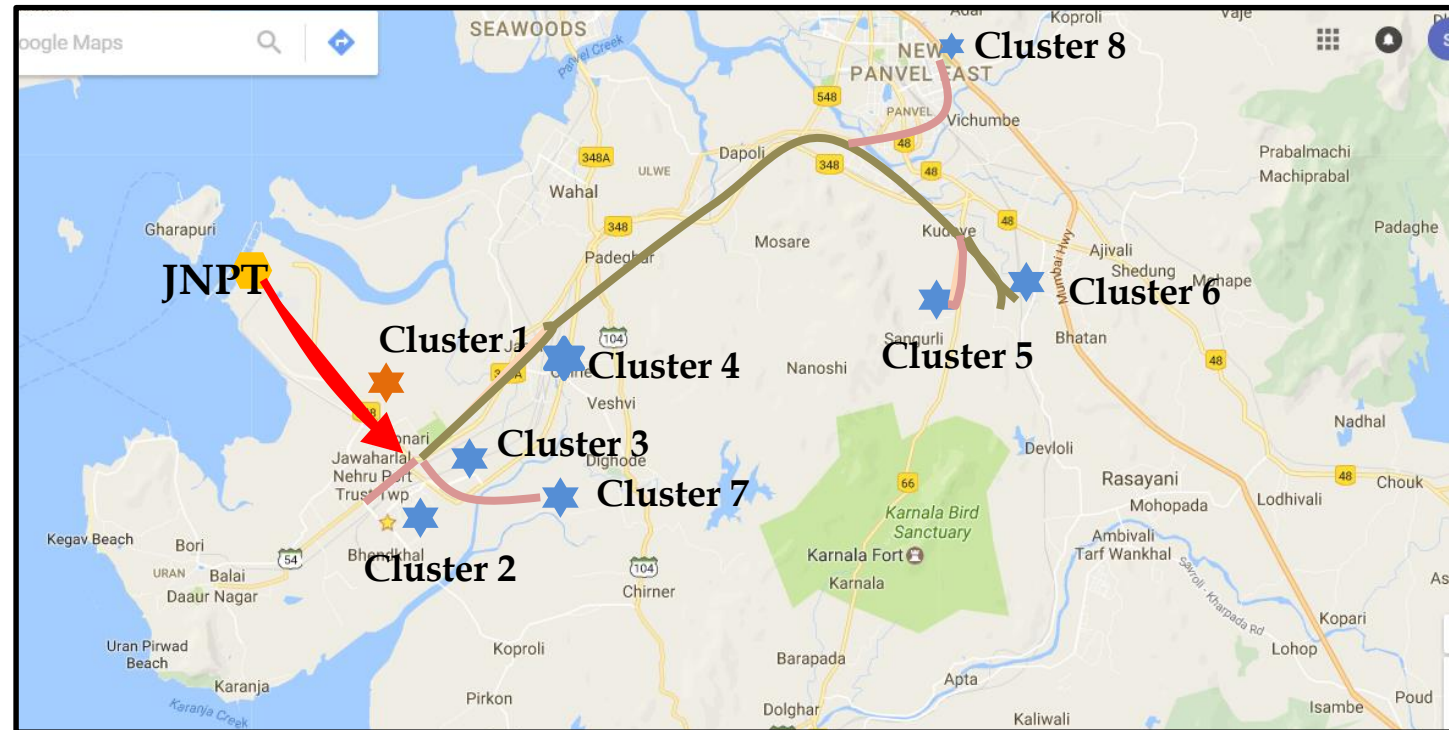
IMPORT CYCLE DWELL TIME (Jun'21- in hrs)			Compared to May'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	32.0	12% ↑
	Port Dwell Time for Truck Bound Containers	23.4	11% ↑
	Port Dwell time for Train Bound Containers	85.7	13% ↑
TRANSIT TIME	Port to ICD	85.58	0.6% ↓
	Port to CFS	0.94	5% ↑

EXPORT CYCLE DWELL TIME (Jun'21- in hrs)			Compared to May'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	129.6	5.2% ↑
	Port Dwell Time for Truck Bound Containers	125.9	6% ↑
	Port Dwell time for Train Bound Containers	140.2	4% ↑
TRANSIT TIME	ICD to Port	86.5	19% ↓
	CFS to Port	0.56	42% ↑

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



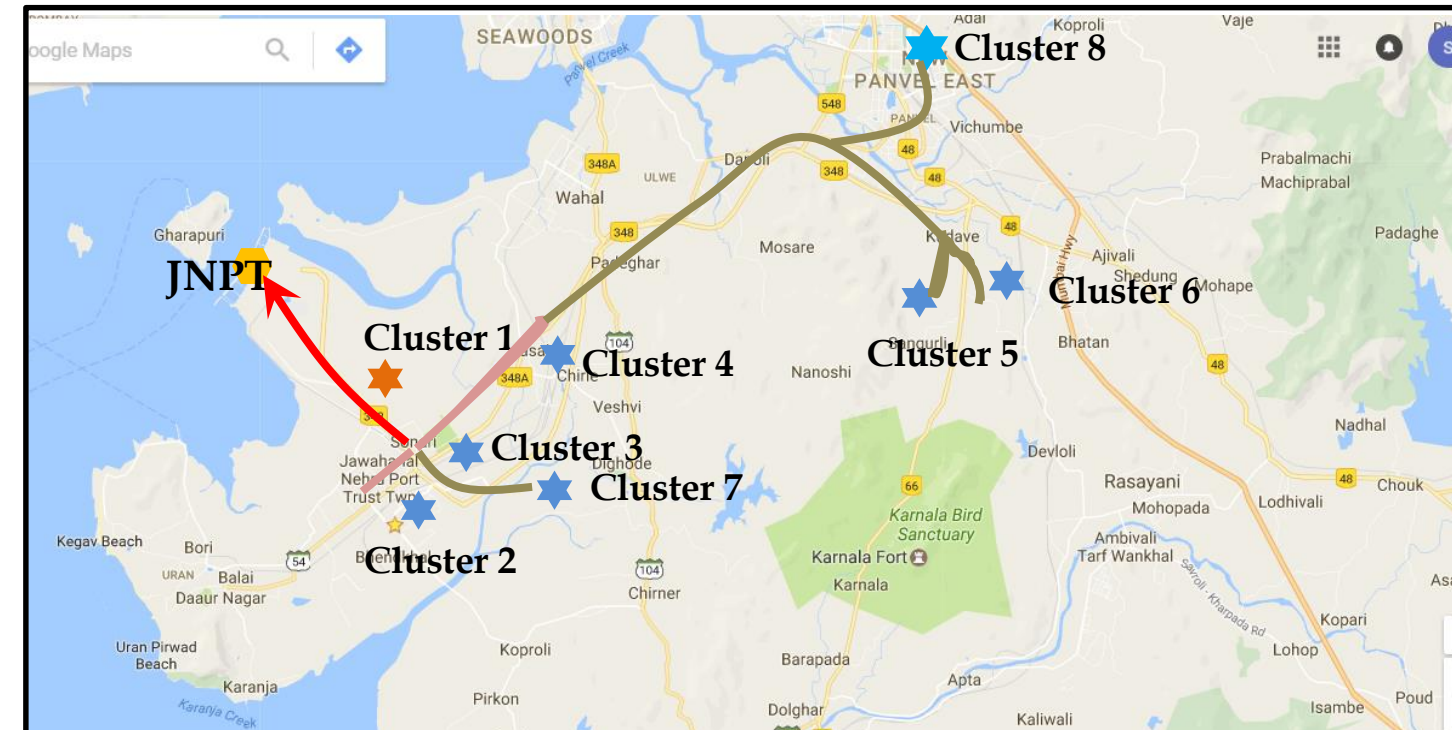
## JNPT - Import - Jun'21



Legends	
<span style="color: red;">—</span>	High Congestion
<span style="color: brown;">—</span>	Medium Congestion
<span style="color: pink;">—</span>	Low Congestion
<span style="color: orange;">★</span>	Cluster with bottleneck
<span style="color: blue;">★</span>	Cluster without bottleneck

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

## JNPT - Export - Jun'21



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



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

## Import Cycle

### Kolkata Port Terminal

Mode	ICP Raxaul	ICP Jogbani
Overall	63.6 hrs	131.8 hrs
Road	158.8 hrs	131.8 hrs
Rail	52.7 hrs	-

### Haldia Port Terminal

Mode	ICP Raxaul	ICP Jogbani
Overall	76.1 hrs	143.4 hrs



## Export Cycle

### Kolkata Port Terminal

Mode	ICP Raxaul	ICP Jogbani
Overall	481.5 hrs	265.3 hrs
Road	441.3 hrs	265.3 hrs
Rail	483.2 hrs	-

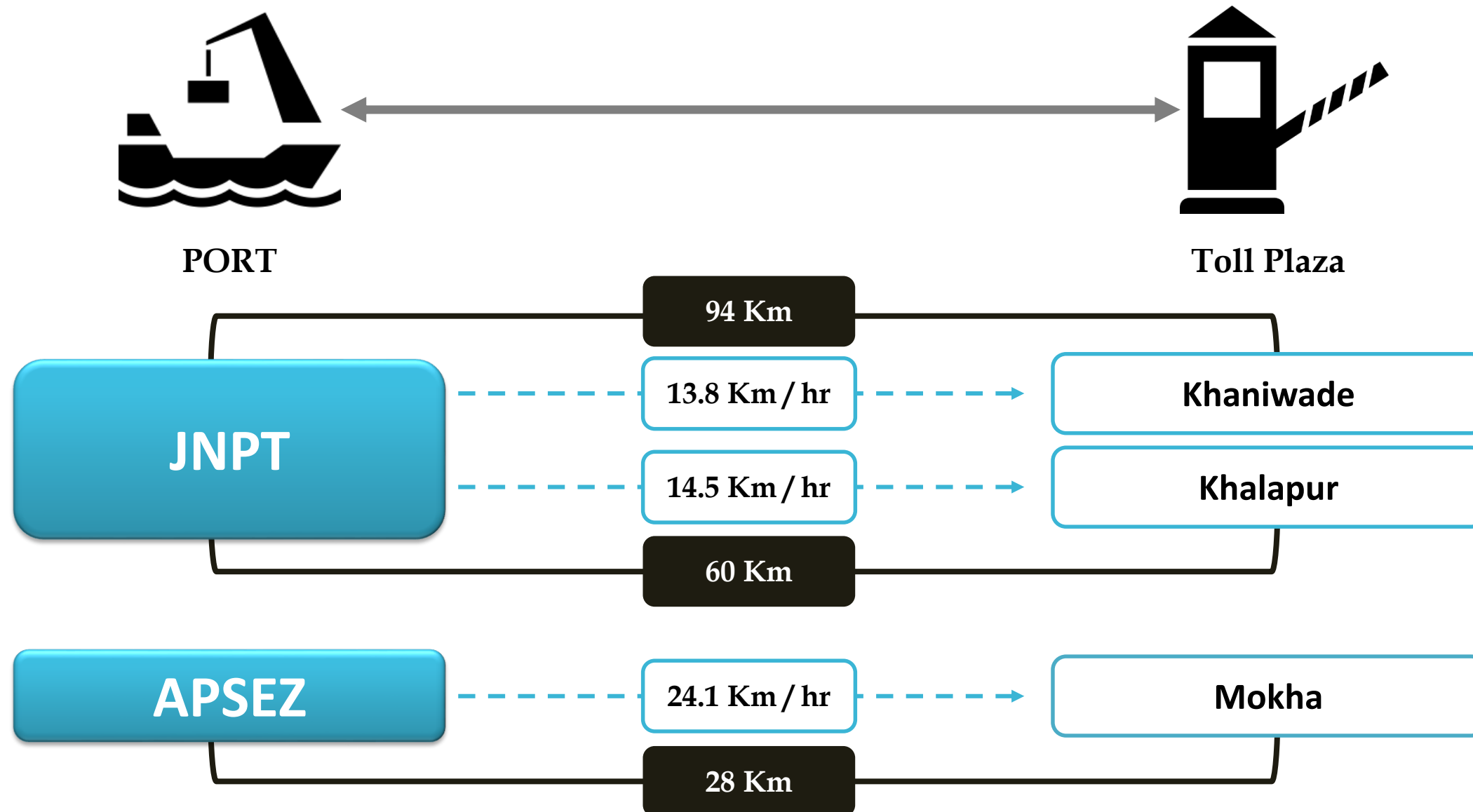
### Haldia Port Terminal

Mode	ICP Raxaul	ICP Jogbani
Overall	625.1 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.



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





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)		
				Apr'21	May'21	Jun'21
Western	Hazira	Boriach	77	12.0	9.9	15.0
Eastern	KOPT(Kolkata)	Dankuni	24	2.1	2.8	2.4
	HICT(Haldia)	Debra	100	7.0	4.9	5.4
		Jaladhulagori	101	9.4	8.8	6.7
Southern	Chennai	Surapattu	18	2.3	2.5	2.7
		Nallur	23	1.8	2.0	1.7
	Kochi	Kumbalam	13	1.2	1.0	0.7
		GIPL Palayekara	71	8.1	6.1	8.6
	NMPT (New Manglore)	Brahamarakotlu	25	5.2	2.5	1.4
		Talapady	22.5	2.7	1.2	1.6
		Gundmi	68	7.3	5.7	5.8
	Kattupalli	Surapattu	36	7.7	6.6	5.2
		Nallur	33	7.0	5.4	2.4
	Ennore	Surapattu	35	3.6	2.9	2.9
	Tuticron	VoCPT CheckPost1	4.3	11.4	12.3	13.1

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

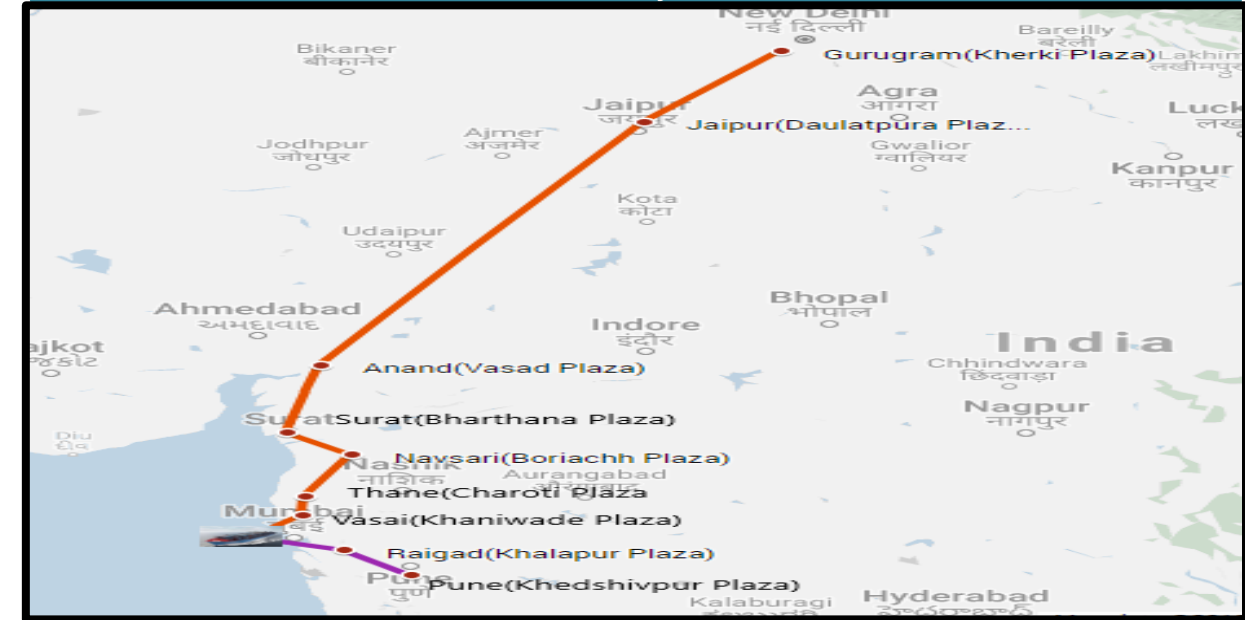


# Western Corridor Toll Plaza Analysis

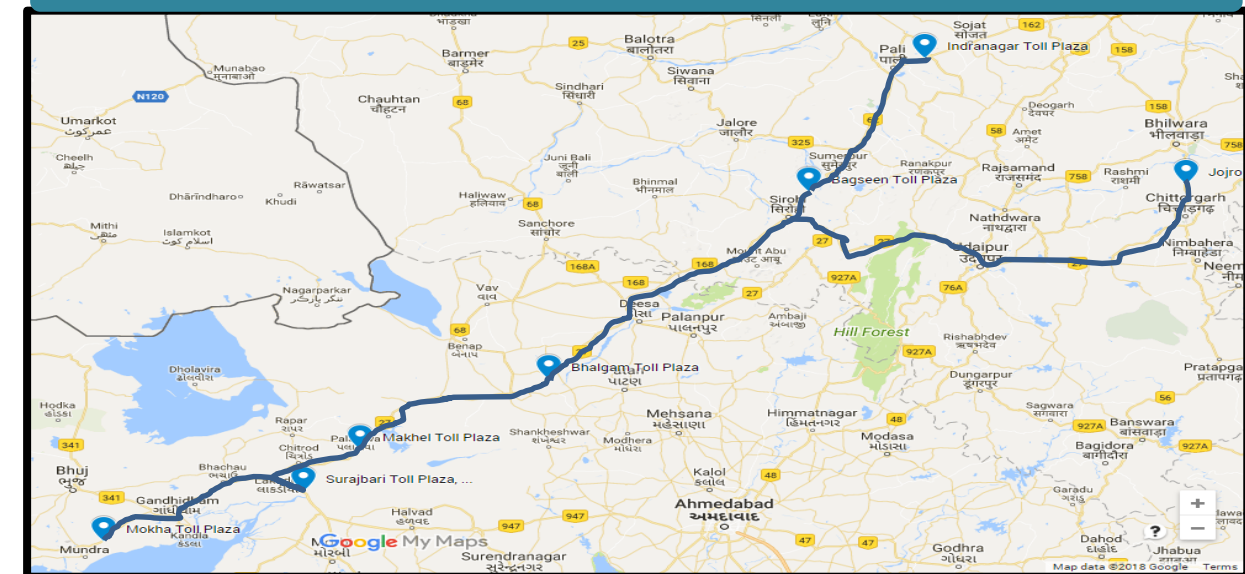
## Avg. Speed between Toll to Toll Plazas

	Source	Destination Toll Plaza	Inter Distance (Km)	May'21 (in km/hrs)	Jun'21 (in km/hrs)
JNPT	JNPT	Khaniwade	94	16.5	13.8
	JNPT	Khalapur	60	11.1	14.5
	Khaniwade	Charoti	50	37.2	35.5
	Charoti	Boriach	126	29.7	27.3
	Boriach	Bharthan	142	33.4	33.2
	Bharthan	Vasad	60	39.5	34.4
	Khalapur	Khedshivpur	105	38.1	36.1
APSEZ	APSEZ	Mokha	28	25.0	24.1
	Mokha	Makhel	150	18.8	17.8
	Mokha	Surajbari	115	25.2	24.3
	Makhel	Bhalgam	108	35.6	34.9

### Toll Plaza - JNPT Port



### Toll Plaza - APSEZ Port





## 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)
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)
NCT	Navayuga Container Terminal (NCT)
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)



## List of CFS name used in CFS Performance Index

1 Century Plyboards CFS, JJP	KOLKATA	37 Seabird CFS, Krishnapatnam	KRISHNAPATNAM	73 Hind Terminal CFS, Hazira	Gujarat
2 Allcargo Logistics CFS	KOLKATA	38 Vilsons CFS	TUTICORIN	74 Seabird CFS, Navi Mumbai	Mumbai
3 Phonex CFS	KOLKATA	39 Sical Multimodal and Rail Transport Ltd. - CFS Division	TUTICORIN	75 Seabird CFS, Mundra	Gujarat
4 Century Plyboards CFS, Sonai	KOLKATA	40 Continental Warehousing Corporation Nhava Sheva Ltd.	TUTICORIN	76 MICT CFS, Mundra	Gujarat
5 Balmer Lawrie CFS	KOLKATA	41 MIV CFS	KOCHI	77 TG Terminals CFS, Mundra	Gujarat
6 VPL Integral CFS	VISAKHAPATNAM	42 Hari CFS	TUTICORIN	78 Ashutosh CFS, Mundra	Gujarat
7 A L Logistics CFS	HALDIA	43 Chandra CFS, Tiruvallur	Chennai	79 APM (Maersk India) CFS, Navi Mumbai	Mumbai
8 Gateway East India CFS	VISAKHAPATNAM	44 Diamond CFS Park	TUTICORIN	80 TG Terminals CFS	Mumbai
9 VCT CFS	VISAKHAPATNAM	45 Hind Terminals CFS, Chennai	Chennai	81 Ashte Logistics CFS, Panvel	Mumbai
10 LCL Freight Solutions	HALDIA	46 Sattva Cfs And Logistics CFS, Chennai	Chennai	82 Sarveshwar CFS	Mumbai
11 Sravan CFS-1	VISAKHAPATNAM	47 Gateway Distripark CFS, Krishnapatnam	KRISHNAPATNAM	83 Apollo Logisolutions CFS, Panvel	Mumbai
12 Ralson Petro Chemicals CFS	HALDIA	48 Prompt Terminals (P) Ltd	TUTICORIN	84 Vaishno Logistics CFS, Navi Mumbai	Mumbai
13 SICAL CFS	VISAKHAPATNAM	49 GDKL CFS	KOCHI	85 Seabird CFS, Hazira	Gujarat
14 Sical CFS, Chennai Tiruvallur Tamil Nadu	Chennai	50 A.S.Shipping Agencies Pvt Ltd	TUTICORIN	86 Rishi CFS, Mundra	Gujarat
15 Allcargo Global Logistics CFS, Chennai	Chennai	51 Viking Warehousing CFS, Chennai	Chennai	87 Navkar Corporation Yard 2 CFS, Panvel	Mumbai
16 Concor CFS, Chennai	Chennai	52 STP Services CFS, Chennai	Chennai	88 Mundhra CFS, Mundra	Gujarat
17 ALS Tuticorin Terminal Private Limited	TUTICORIN	Kerry Indev Logistics Private Limited / Continental Container		89 Honey Comb CFS, Mundra	Gujarat
18 Gateway Distriparks CFS, Chennai	Chennai	53 Freight Station	TUTICORIN	90 CWC Impex Park CFS, Navi Mumbai	Mumbai
19 Ennore Cargo Container Terminal CFS, Chennai	Chennai	54 German Express Shipping Agency CFS, Chennai	Chennai	91 Balmer & Lawrie CFS, Navi Mumbai	Mumbai
20 Sattva Hi-Tech And Conware CFS, Chennai	Chennai	55 Thiru Rani Logistics CFS, Tiruvallur	Chennai	92 Dronagiri Rail Terminal CFS, Navi Mumbai	Mumbai
21 Kerry Indev Logistics ICD, Kanchipuram	Chennai	56 CWC Hind Terminal CFS, Navi Mumbai	Mumbai	93 International Cargo Terminal CFS	Mumbai
22 Sanco Trans CFS, Chennai	Chennai	57 AllCargo Logistics	Mumbai	94 Take Care Logistics CFS	Mumbai
23 Adani CFS, Kattupalli Tiruvallur Tamil Nadu	Chennai	58 Speedy Multimode CFS, JNPT	Mumbai	95 Indev Logistics CFS, Panvel	Mumbai
Continental Warehousing Corporation CFS (Nhava Seva),		59 Gateway Distriparks CFS, Navi Mumbai	Mumbai	96 Transworld CFS, Mundra	Gujarat
24 Chennai	Chennai	60 Ameya Logistics CFS, Navi Mumbai	Mumbai	97 Ocean Gate CFS, Panvel	Mumbai
25 Kailash Shipping Services CFS, Chennai	Chennai	61 Saurashtra CFS, Mundra	Gujarat	98 A V Joshi CFS	Gujarat
Continental Warehousing Corporation CFS (Nhava Seva),		62 Adani CFS, Hazira	Gujarat	99 Empezar Logistics CFS	Gujarat
26 Tiruvallur	Chennai	63 Hind Terminals Pvt. Ltd. CFS, Mundra	Gujarat	100 Navkar Corporation Yard 1 CFS, Panvel	Mumbai
27 Raja Agencies CFS	TUTICORIN	64 Punjab Conware CFS, Navi Mumbai	Mumbai	101 Maharashtra State Corp CFS	Mumbai
28 Balmer Lawrie CFS, Chennai	Chennai	65 CWC CFS, Mundra	Gujarat	102 Maersk Annex (APM)CFS, Navi Mumbai	Mumbai
29 Apm Terminals India CFS, Tiruvallur	Chennai	66 Adani CFS Eximyard, Mundra	Gujarat	103 SBW Logistics CFS, Navi Mumbai	Mumbai
30 St. John Freight Systems Ltd. - ICD Division	TUTICORIN	67 JWC Logistics Park CFS	Mumbai	104 Landmark CFS, Mundra	Gujarat
31 Triway CFS, Chennai	Chennai	68 JWR CFS	Mumbai	73 Hind Terminal CFS, Hazira	Gujarat
32 Sudharsan Logistics CFS, Chennai	Chennai	69 Navkar Corporation Yard 3 CFS, Panvel	Mumbai		
33 Glovis India CFS, Kanchipuram	Chennai	70 International Cargo Terminals (ULA) CFS, Navi Mumbai	Mumbai		
34 Chola Logistiks Pvt Ltd	TUTICORIN	71 Continental Warehousing CFS, Navi Mumbai	Mumbai		
35 A S Shipping Agencies CFS, Tiruvallur	Chennai	72 EFC Logistics India	Mumbai		
36 Calyx Container Terminal CFS, Chennai	Chennai				



## List of CFS name used in CFS Performance Index

1	CWC Hind Terminal CFS, Navi Mumbai	26	Ashte Logistics CFS, Panvel
2	AllCargo Logistics	27	Sarveshwar CFS
3	Speedy Multimode CFS, JNPT	28	Apollo Logisolutions CFS, Panvel
4	Gateway Distriparks CFS, Navi Mumbai	29	Vaishno Logistics CFS, Navi Mumbai
5	Ameya Logistics CFS, Navi Mumbai	30	Seabird CFS, Hazira
6	Saurashtra CFS, Mundra	31	Rishi CFS, Mundra
7	Adani CFS, Hazira	32	Navkar Corporation Yard 2 CFS, Panvel
8	Hind Terminals Pvt. Ltd. CFS, Mundra	33	Mundhra CFS, Mundra
9	Punjab Conware CFS, Navi Mumbai	34	Honey Comb CFS, Mundra
10	CWC CFS, Mundra	35	CWC Impex Park CFS, Navi Mumbai
11	Adani CFS Eximyard, Mundra	36	Balmer & Lawrie CFS, Navi Mumbai
12	JWC Logistics Park CFS	37	Dronagiri Rail Terminal CFS, Navi Mumbai
13	JWR CFS	38	International Cargo Terminal CFS
14	Navkar Corporation Yard 3 CFS, Panvel	39	Take Care Logistics CFS
15	International Cargo Terminals (ULA) CFS, Navi Mumbai	40	Indev Logistics CFS, Panvel
16	Continental Warehousing CFS, Navi Mumbai	41	Transworld CFS, Mundra
17	EFC Logistics India	42	Ocean Gate CFS, Panvel
18	Hind Terminal CFS, Hazira	43	A V Joshi CFS
19	Seabird CFS, Navi Mumbai	44	Empezar Logistics CFS
20	Seabird CFS, Mundra	45	Navkar Corporation Yard 1 CFS, Panvel
21	MICT CFS, Mundra	46	Maharashtra State Corp CFS
22	TG Terminals CFS, Mundra	47	Maersk Annex (APM)CFS, Navi Mumbai
23	Ashutosh CFS, Mundra	48	SBW Logistics CFS, Navi Mumbai
24	APM (Maersk India) CFS, Navi Mumbai	49	Landmark CFS, Mundra
25	TG Terminals 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



## List of CFS name used in Southern CFS Performance Index

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

## List of CFS name used in Eastern CFS Performance Index

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





**THANK YOU**