

# Logistics Databank Analytics Report- April 2020



## Section One

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### 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

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### 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](#)

## Gujarat Region

Import	Export
59.0 hrs	128.1 hrs

## Mumbai Region

Import	Export
49.8 hrs	69.4 hrs

## Kochi Region

Import	Export
197.3 hrs	86.3 hrs

## Tuticorin Region

Import	Export
41.6 hrs	46.5 hrs

## Kolkata Region

Import	Export
48.0 hrs	116.4 hrs

## Vishakhapatnam Region

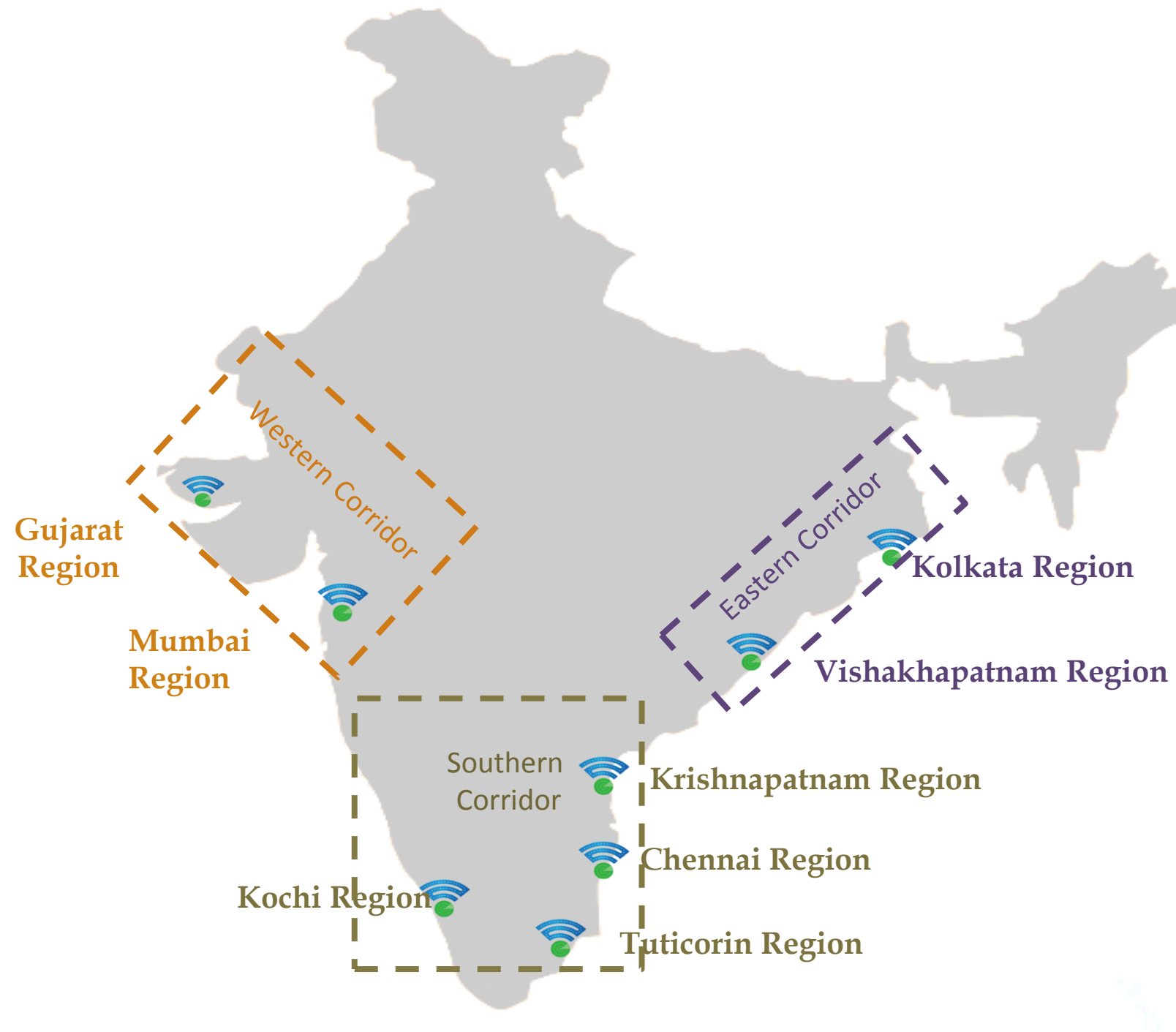
Import	Export
107.5 hrs	74.4 hrs

## Krishnapatnam Region

Import	Export
261.3 hrs	95.7 hrs

## Chennai Region

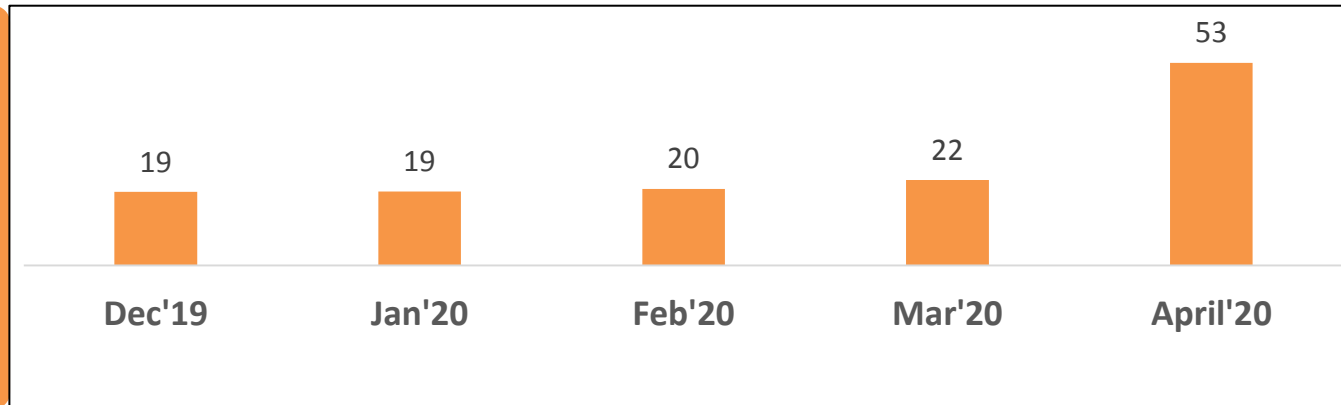
Import	Export
61.4 hrs	83.3 hrs



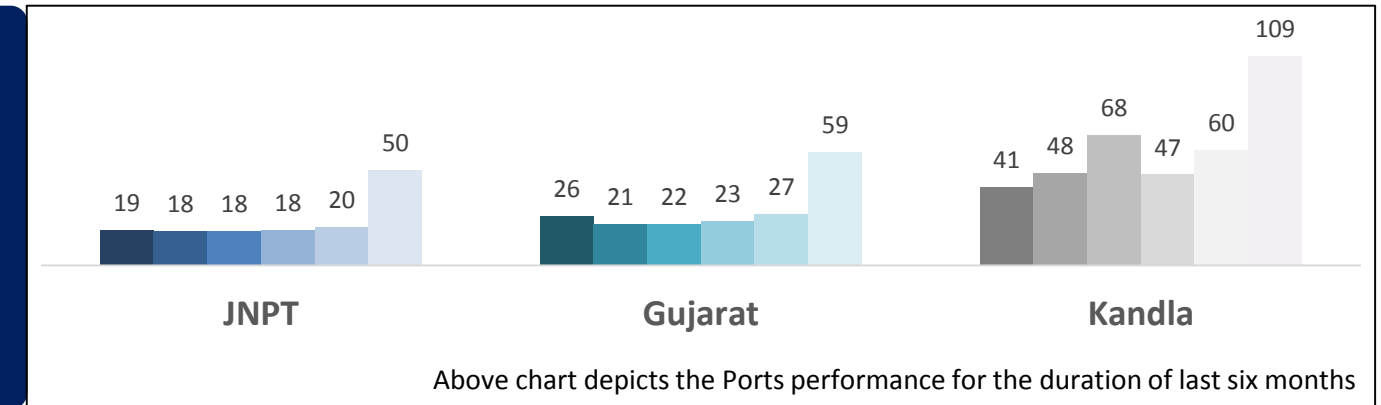
# Port Dwell Time Performance – Western Corridor (Import Cycle)

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

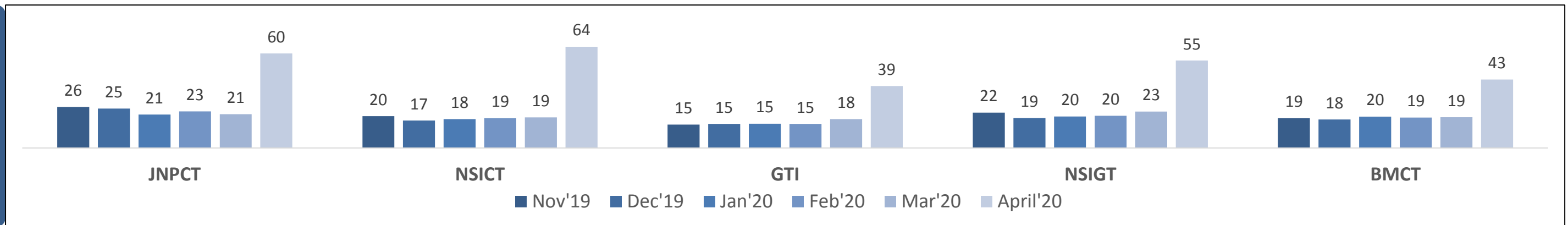
### Western Corridor



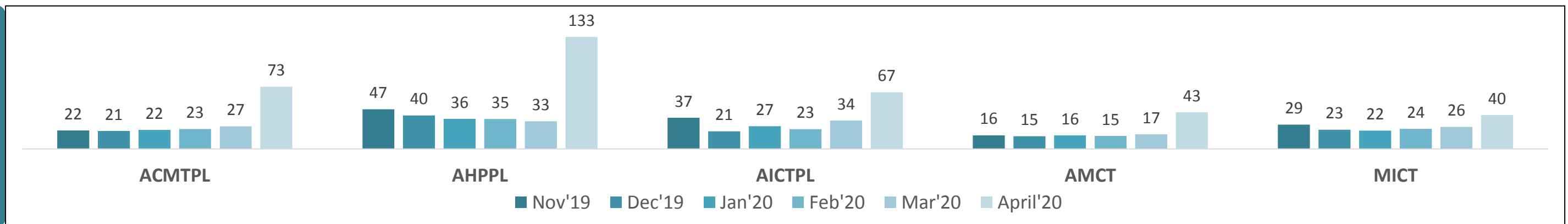
### Port - Wise



### JNPT - Terminal



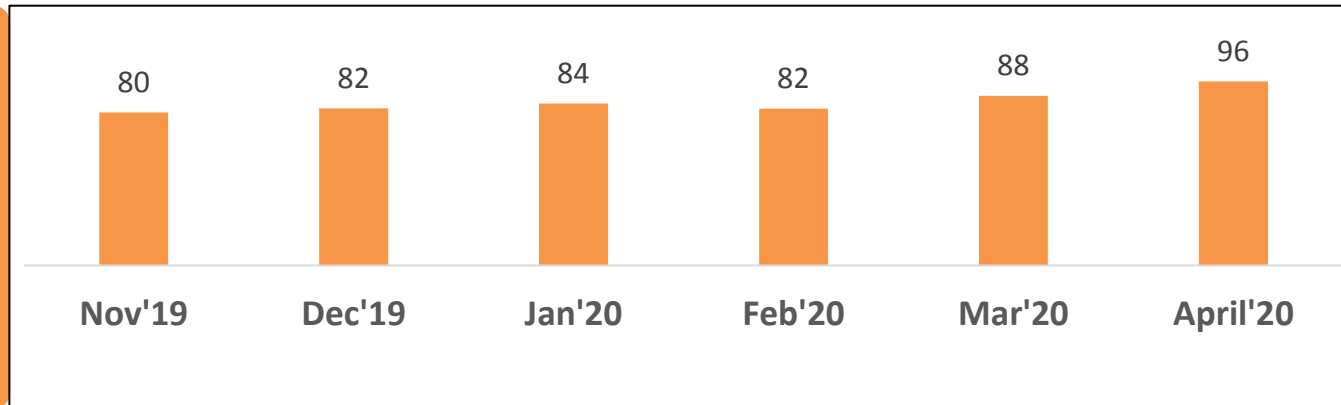
### Gujarat - Terminal



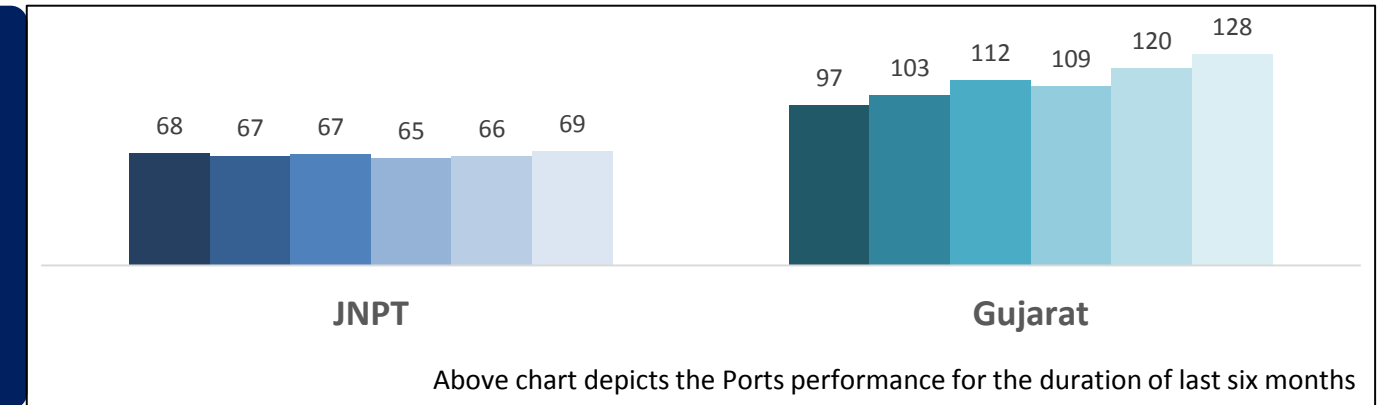
# Port Dwell Time Performance – Western Corridor (Export Cycle)

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

### Western Corridor



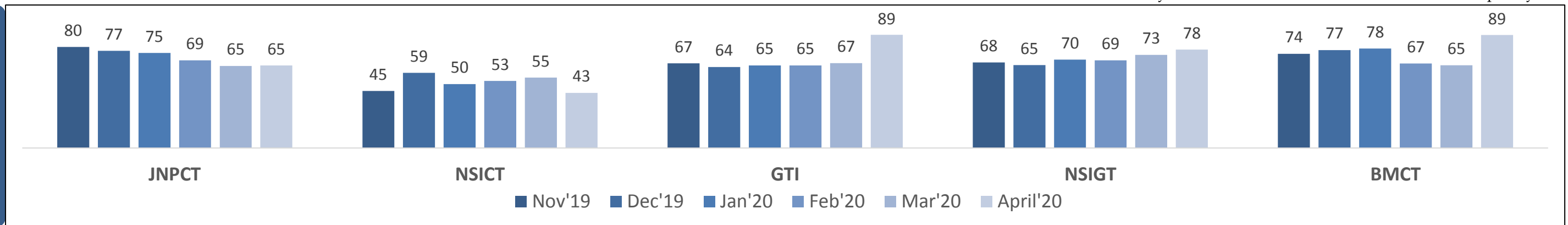
### Port - Wise



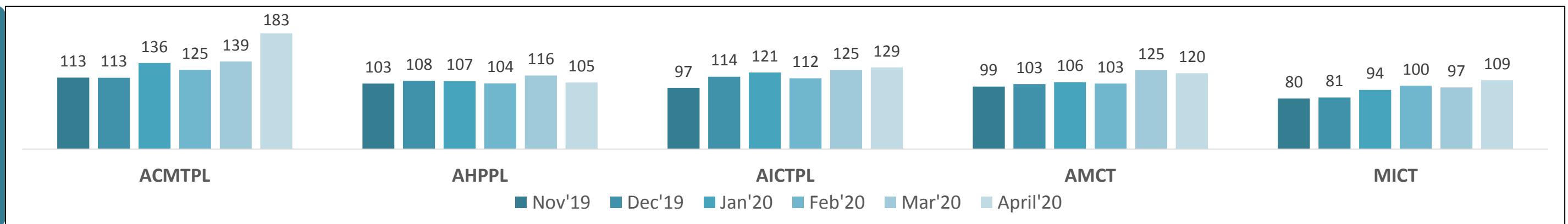
Above chart depicts the Ports performance for the duration of last six months

Kandla Port Terminal has been removed from the analysis as there was no sufficient volume in their export cycle

### JNPT - Terminal



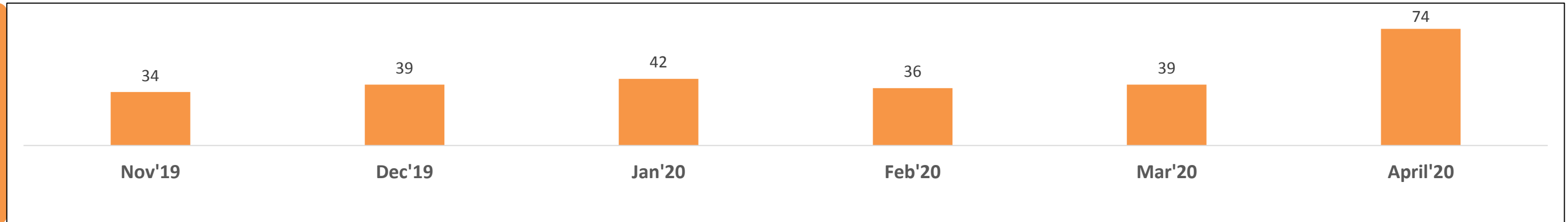
### Gujarat - Terminal



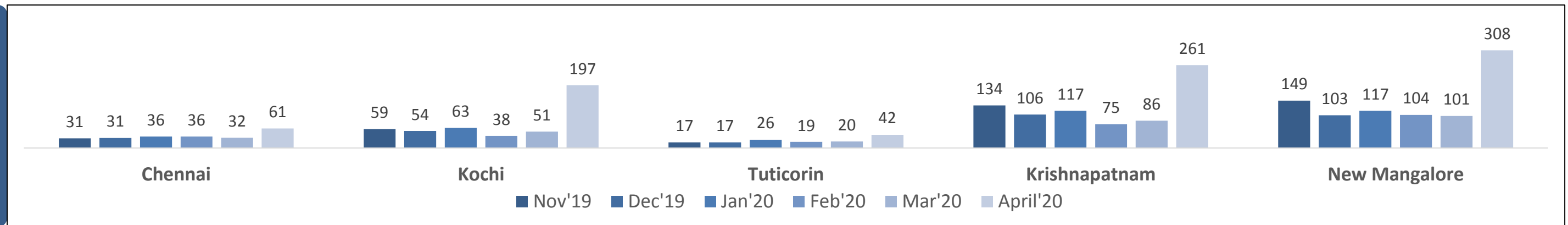
# Port Dwell Time Performance – Southern Corridor (Import Cycle)

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

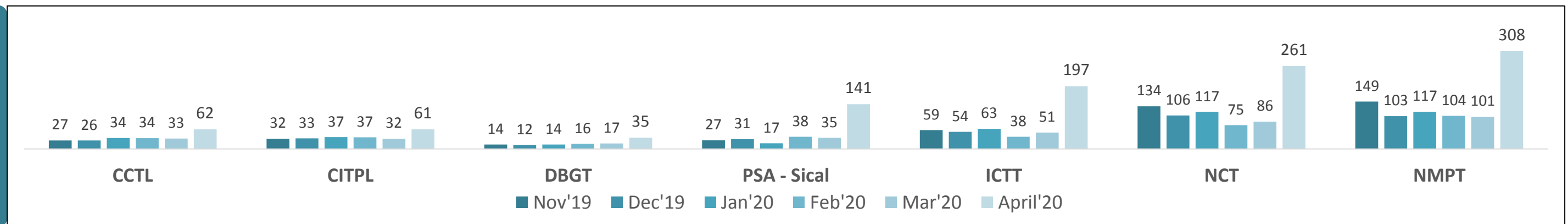
Southern Corridor



Port - Wise



Terminal - Wise



Kattupalli Port Terminal has been removed from the analysis as there was no sufficient volume

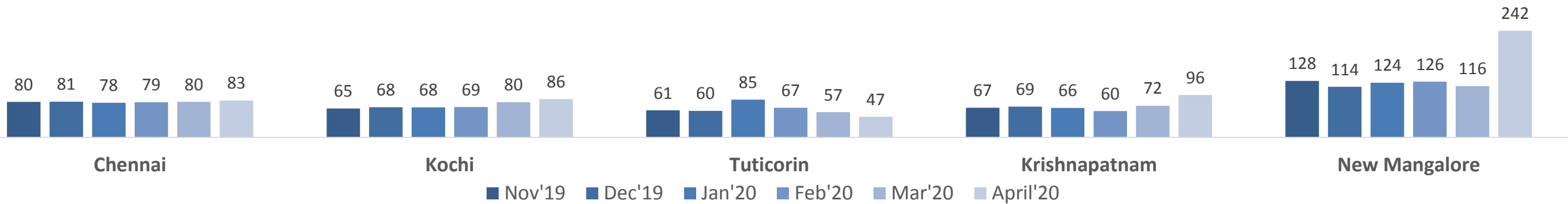
# Port Dwell Time Performance – Southern Corridor (Export Cycle)

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

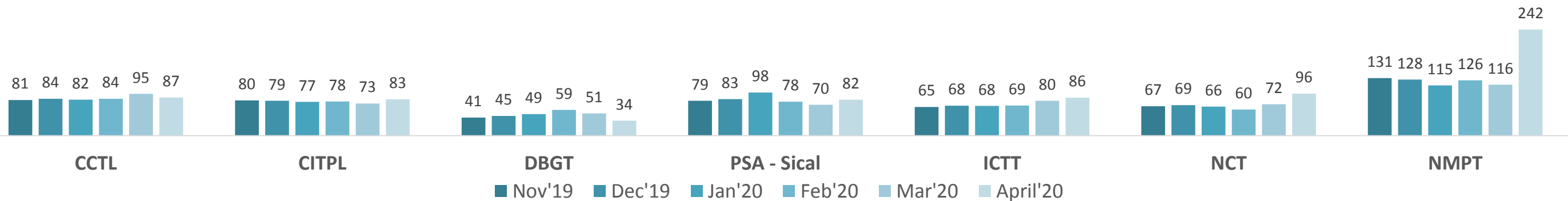
Southern Corridor



Port - Wise



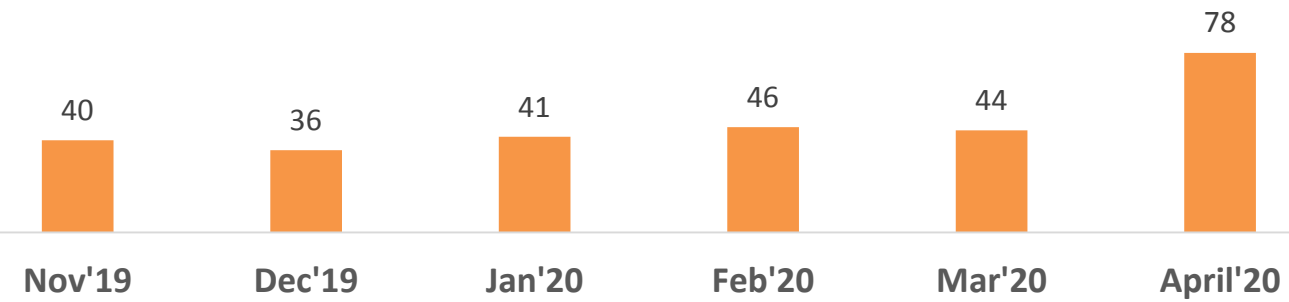
Terminal - Wise



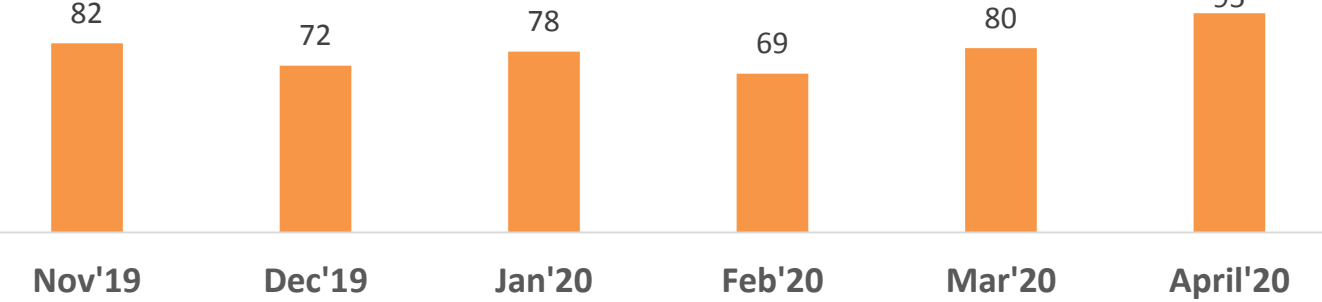
Kattupalli Port Terminal has been removed from the analysis as there was no sufficient volume

## Import Cycle (in hrs)

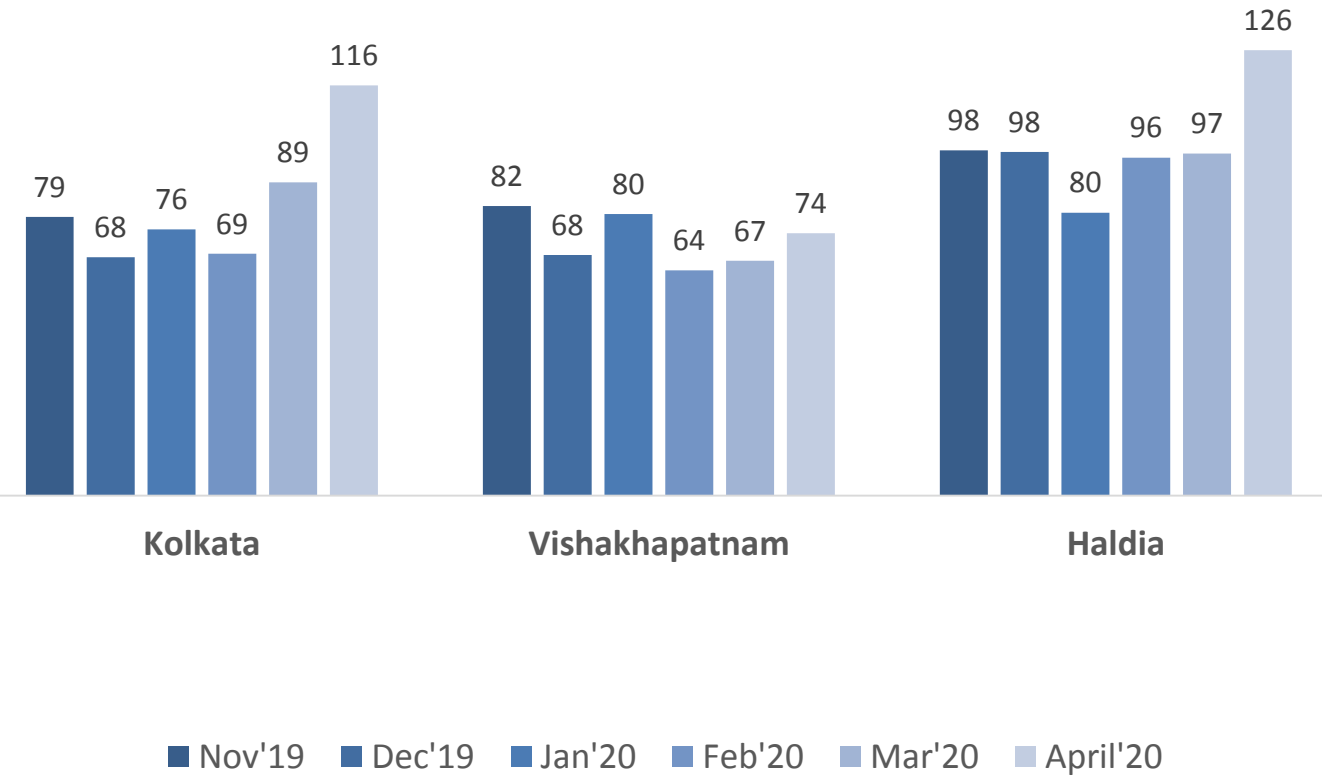
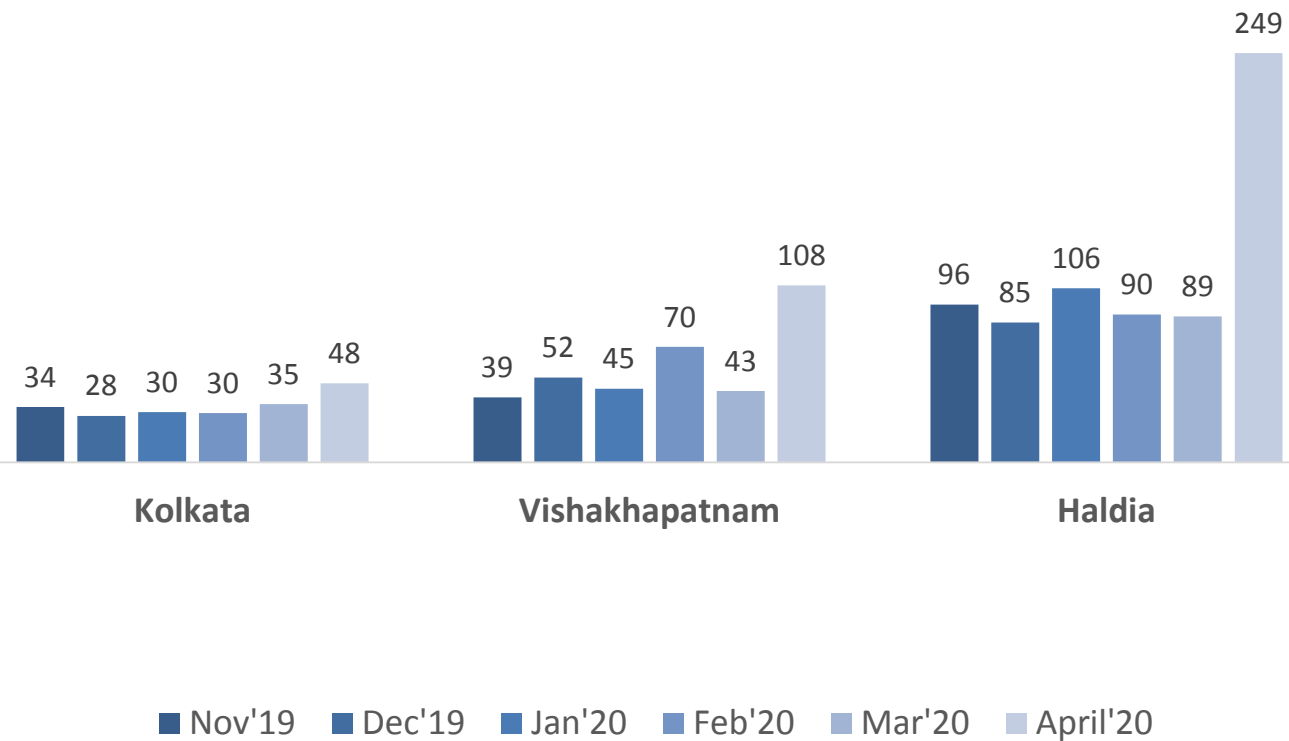
Eastern Corridor



## Export Cycle (in hrs)







Port - Wise





## Western Corridor

- The Overall container handling performance in Western Corridor in both Import & Export Cycle has deteriorated by 137% & 9%
- The container handling performance at CFS & ICD has also deteriorated by 15% & 19% respectively.

Month	Import cycle - Dwell Time	Export cycle - Dwell Time	CFS Dwell Time	ICD Dwell Time
Apr'20	52.7 hrs 	95.8 hrs 	94.1 hrs 	160.4 hrs 
Mar'20	22.2 hrs	88.3 hrs	82.2 hrs	134.2 hrs

## Southern Corridor

- The Overall container handling performance in Southern Corridor in both Import & Export Cycle has deteriorated by 92% & 24%
- The container handling performance at CFS has deteriorated by 16%

Month	Import cycle - Dwell Time	Export cycle - Dwell Time	CFS Dwell Time
Apr'20	73.9 hrs 	99.7 hrs	94.6 hrs 
Mar'20	38.5 hrs	80.1 hrs	89.4 hrs

## Eastern Corridor

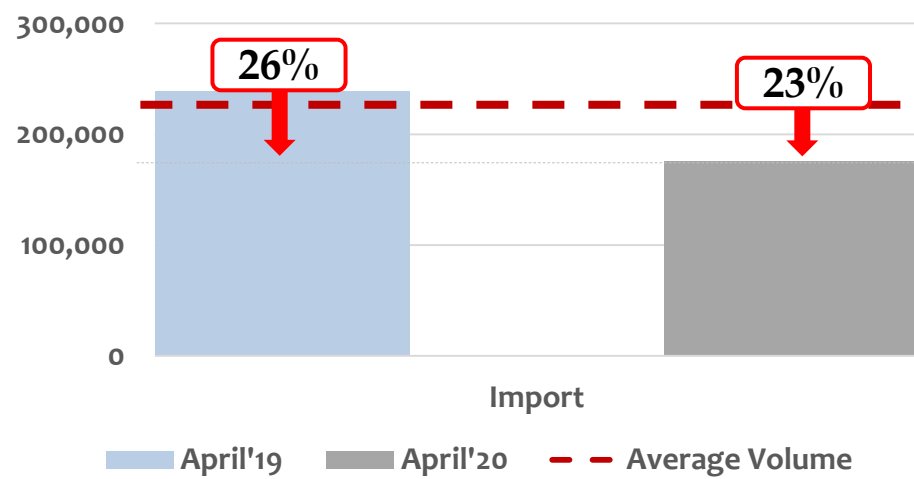
- The Overall container handling performance in Eastern Corridor in both Import & Export Cycle has deteriorated by 76% & 19%
- The container handling performance at CFS has deteriorated by 19%

Month	Import Cycle - Dwell Time	Export Cycle - Dwell Time	CFS Dwell Time
Apr'20	77.9 hrs 	95.1 hrs 	168.1 hrs 
Mar'20	44.2 hrs	79.9 hrs	141.6 hrs

Below Table depicts the volume reduction in all the corridors due to Covid 19 impact for the month of April 2020 in comparison with average volume of JFM'20 Quarter and with April 19

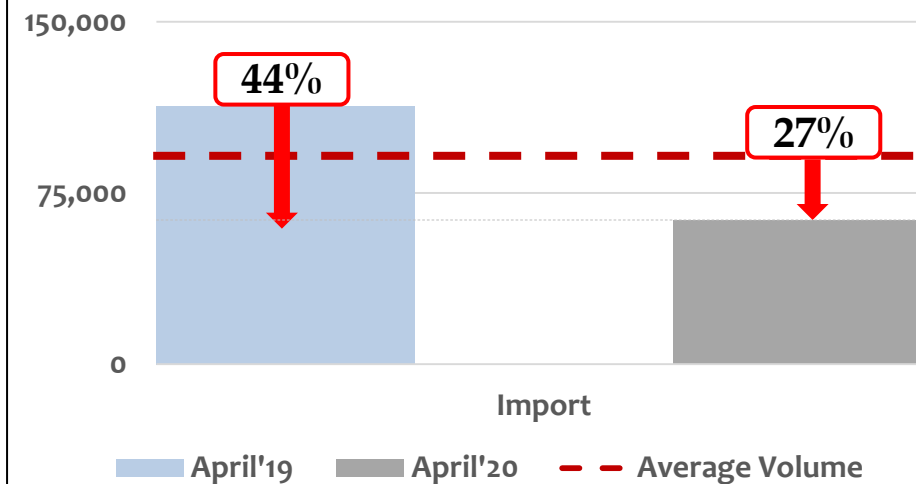
## Western Corridor

### Import Cycle



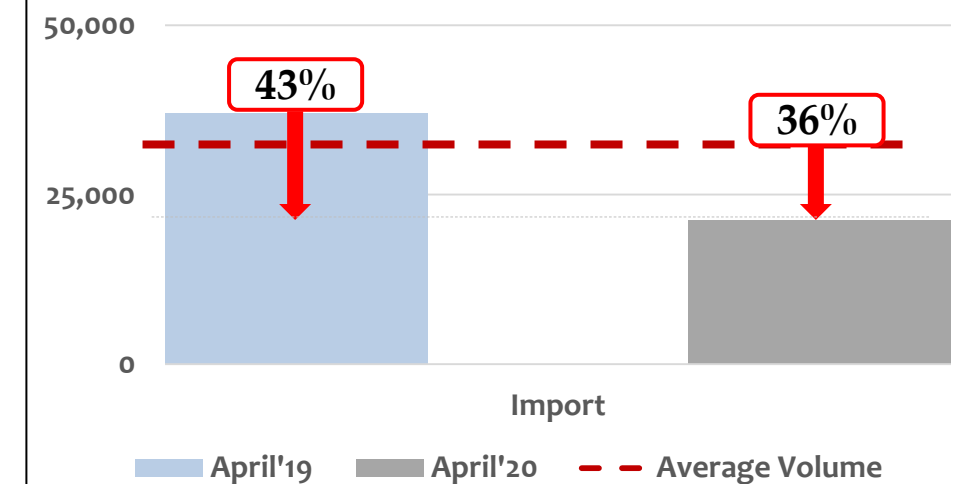
## Southern Corridor

### Import Cycle

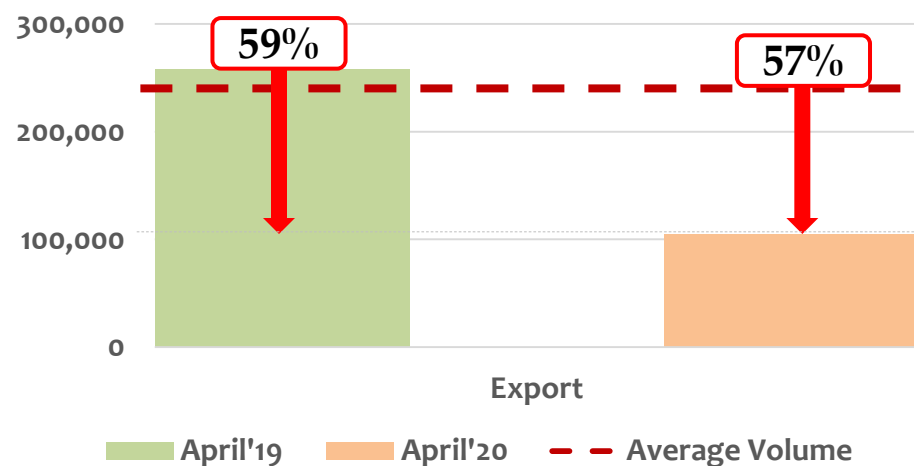


## Eastern Corridor

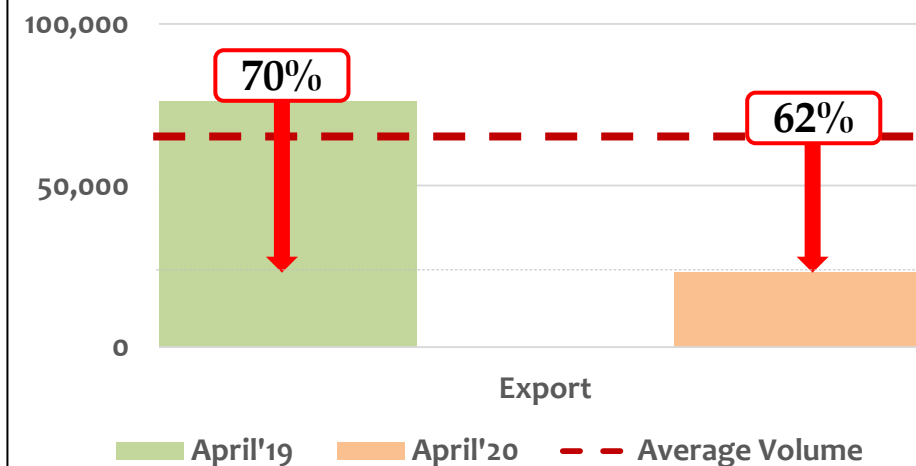
### Import Cycle



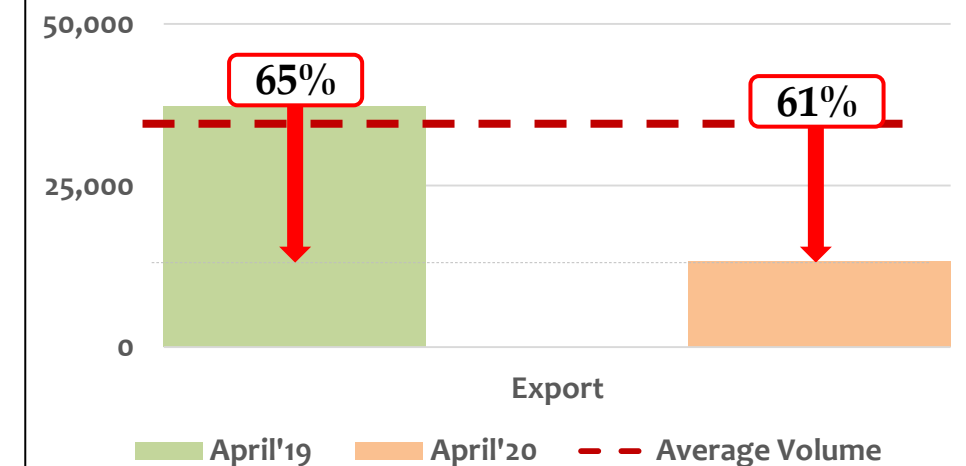
### Export Cycle



### Export Cycle



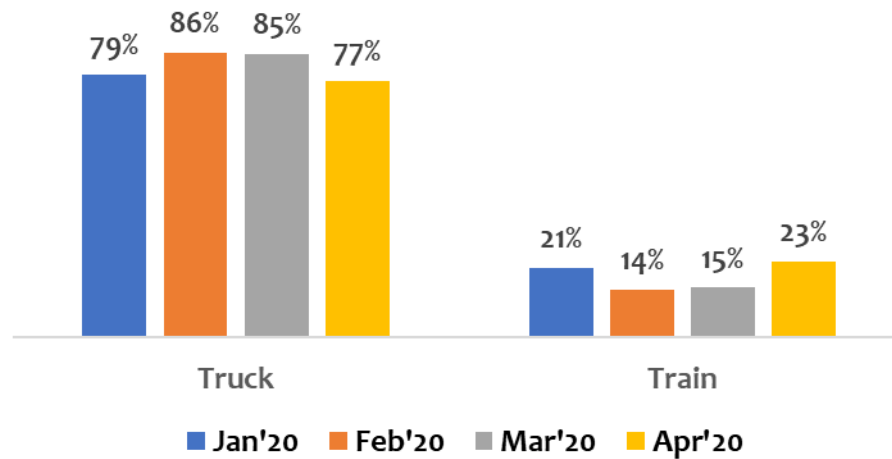
### Export Cycle



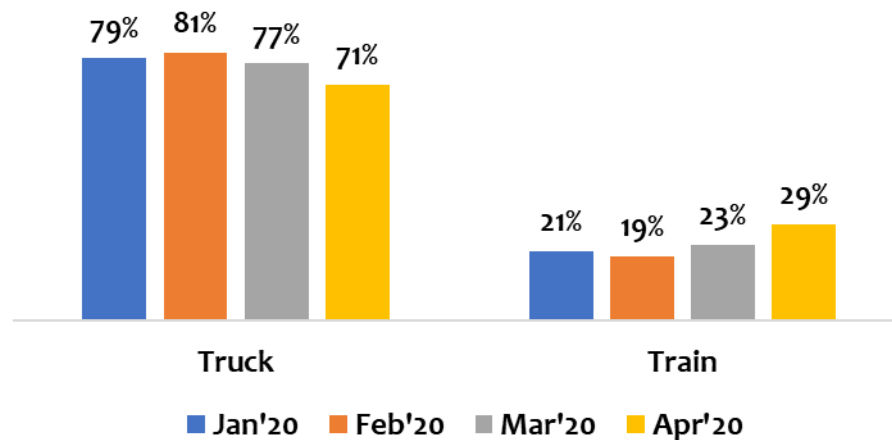
Below table depicts the volume % share of Truck & Train and impact of Covid-19 on the Traffic movements and the difficulty of road movements during the lockdown

## Western Corridor

### Import Cycle

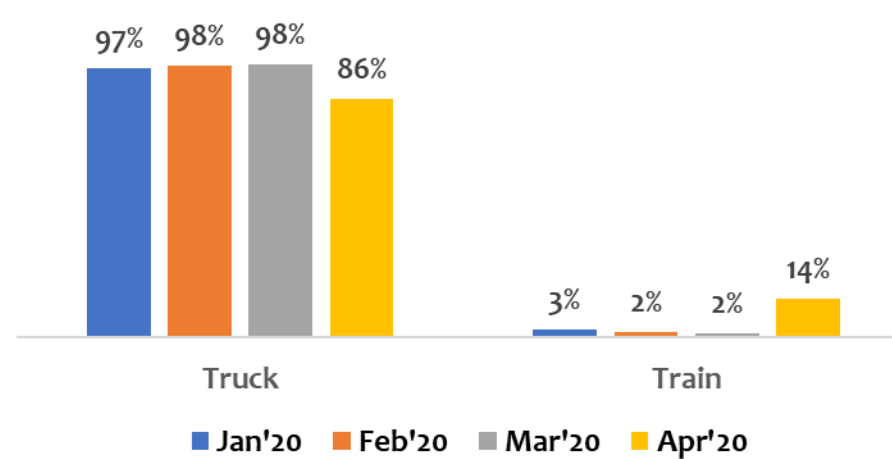


### Export Cycle

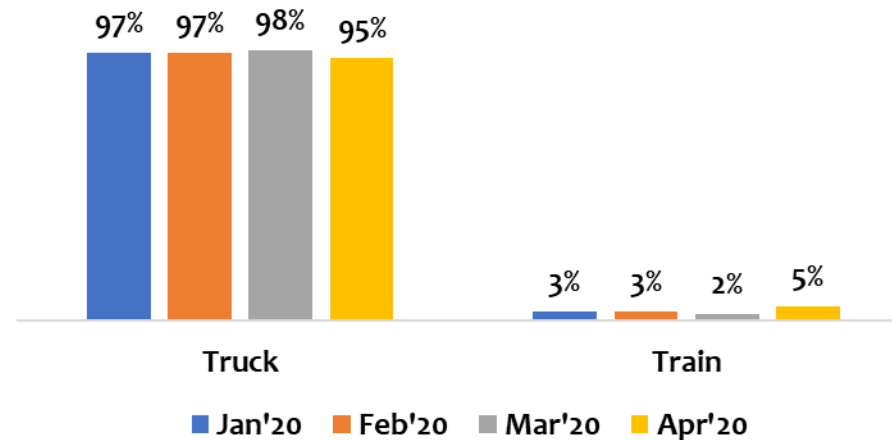


## Southern Corridor

### Import Cycle

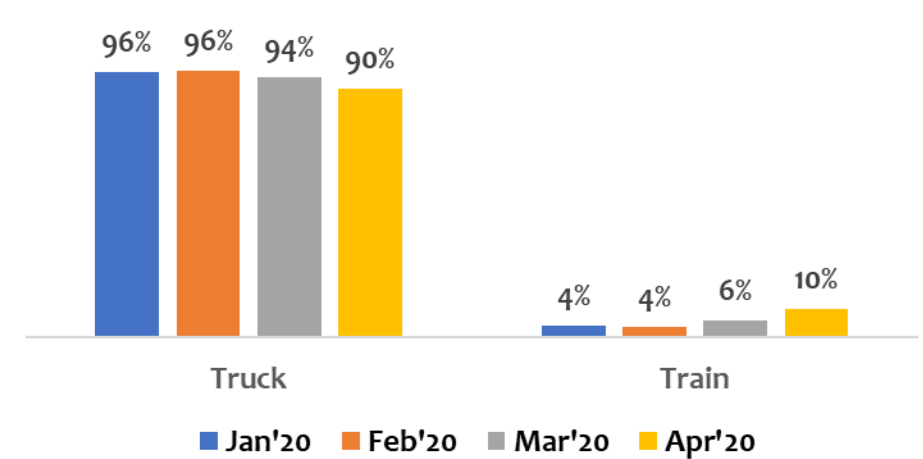


### Export Cycle

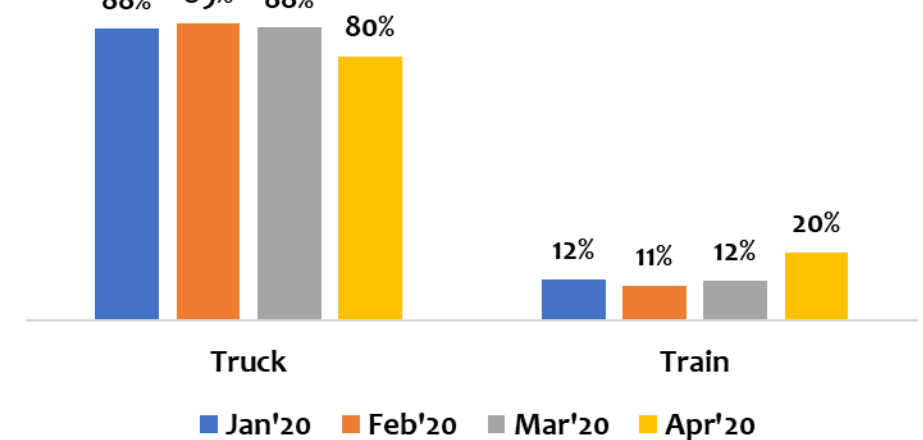


## Eastern Corridor

### Import Cycle



### Export Cycle

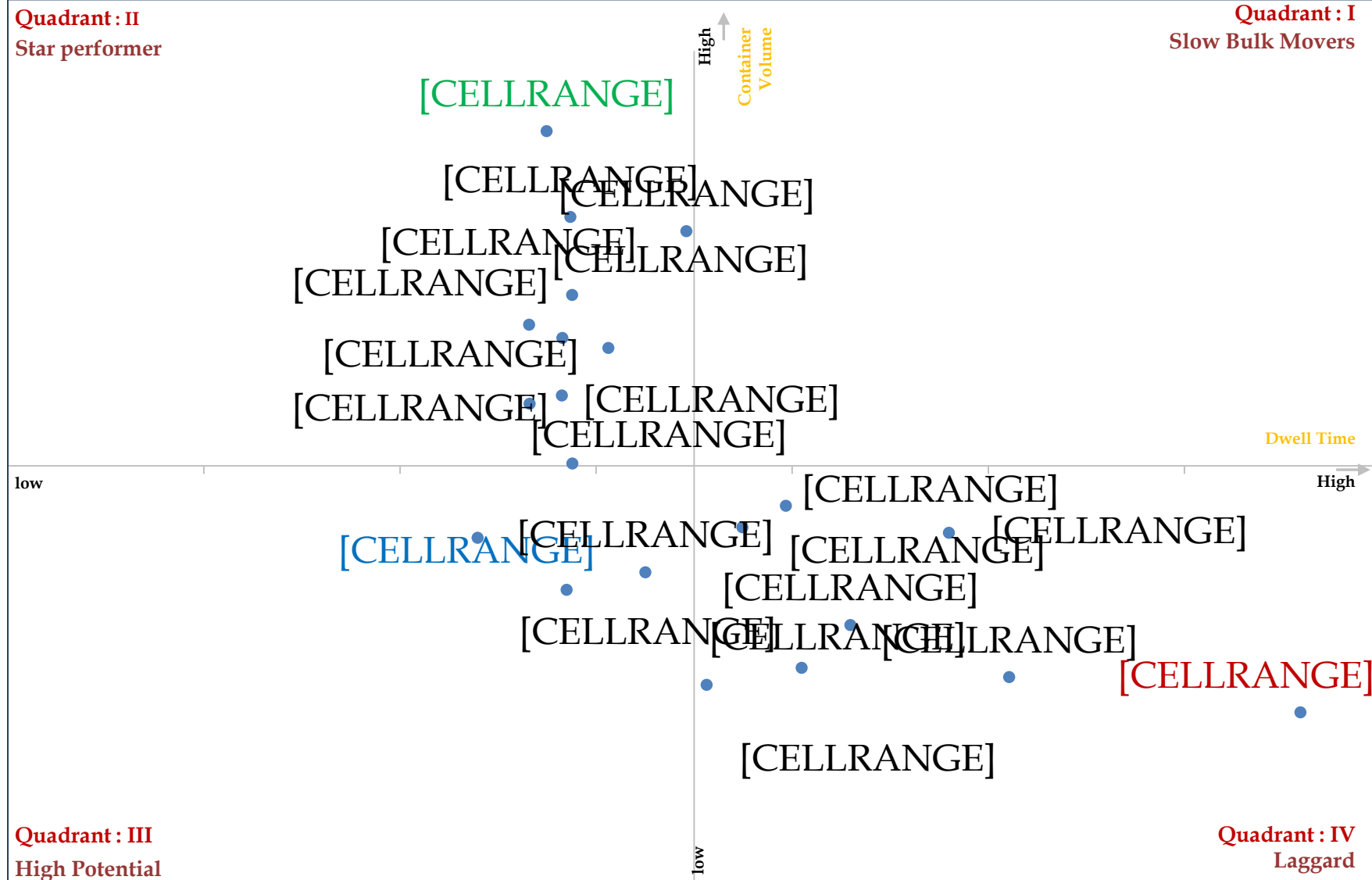




## Performance Benchmarking - Port Terminals

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

### Port Terminal Performance Index - Apr'20



\* Due to covid - 19 lockdown, there has been drastic drop in the container volume across all the port terminals no such huge drop in the Overall Port Dwell Time which resulted in no terminal lying in Slow Bulk Movers Quadrant

Due to low volume count in export cycle at Kandla Port Terminal, hence only import volume has been considered in the analysis



Performance benchmarking for Port Terminals covered under LDB project for Apr'20

### Top Performing Terminal

#### Gateway Terminals India

Mar'20	Apr'20
38.6 hrs	57.6 hrs



### Low Performing Terminal

#### New Mangalore Port Trust

Mar'20	Apr'20
107.4 hrs	304.3 hrs



Note: The performance benchmarking is based on performance index



The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Mar'20

### 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

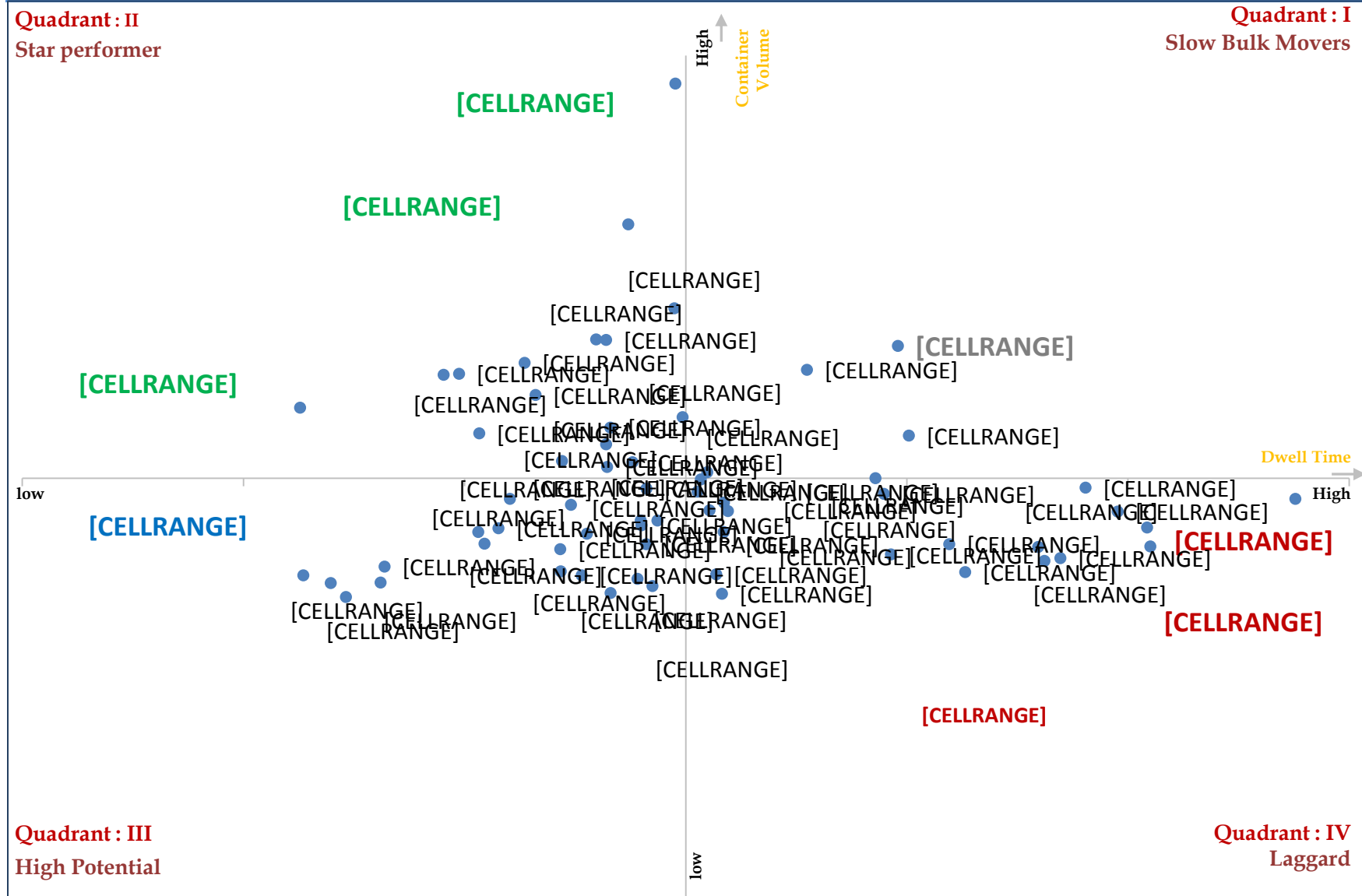
**High Potential :** consist of entities which have catered relatively lower container volume in lower dwell time

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

## Performance Benchmarking - CFSs

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

### CFS Terminal Performance Index - Apr'20



Performance benchmarking for CFSs covered under LDB project for Apr'20

#### Top Three Performing CFSs

CFS Name	Mar'20	Apr'20
Adani CFS, Hazira	91.2 hrs	110.0 hrs ↓
Saurashtra CFS, Mundra	79.1 hrs	97.5 hrs ↓
Concor CFS, Chennai	14.4 hrs	9.7 hrs ↑

#### Bottom Three Performing CFSs

CFS Name	Mar'20	Apr'20
Phonex CFS	155.9 hrs	275.8 hrs ↓
A L Logistics CFS	146.4 hrs	237.0 hrs ↓
Continental Warehousing Corporation Nhava Sheva Ltd.	167.2 hrs	236.1 hrs ↓

Note: The performance benchmarking is based on performance index



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#### Performance Index- Summary

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

## IMPORT

### Port Dwell Time

Mode	Mar'20 (in hrs)	Apr'20 (in hrs)
Overall	22.2	52.7
Truck	20.8	43.5
Train	36.5	84.5

## EXPORT

Mode	Mar'20 (in hrs)	Apr'20 (in hrs)
Overall	88.3	95.8
Truck	87.0	90.7
Train	96.1	112.6

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



Inland  
Container  
Depot (ICD)



Container  
Freight  
Stations (CFS)

Entity	Mar'20 (in hrs)	Apr'20 (in hrs)
CFS	82.2	94.1
ICD	134.2	160.4

- The marked entries showcase increase in performance in comparison to Mar'20
- The marked entries showcase decrease in performance in comparison to Mar'20







CFS



Performance Benchmarking



ICD


## Top Performing CFS


### Speedy Multimode CFS, JNPT

Mar'20	Apr'20
66.0 hrs	48.1 hrs 

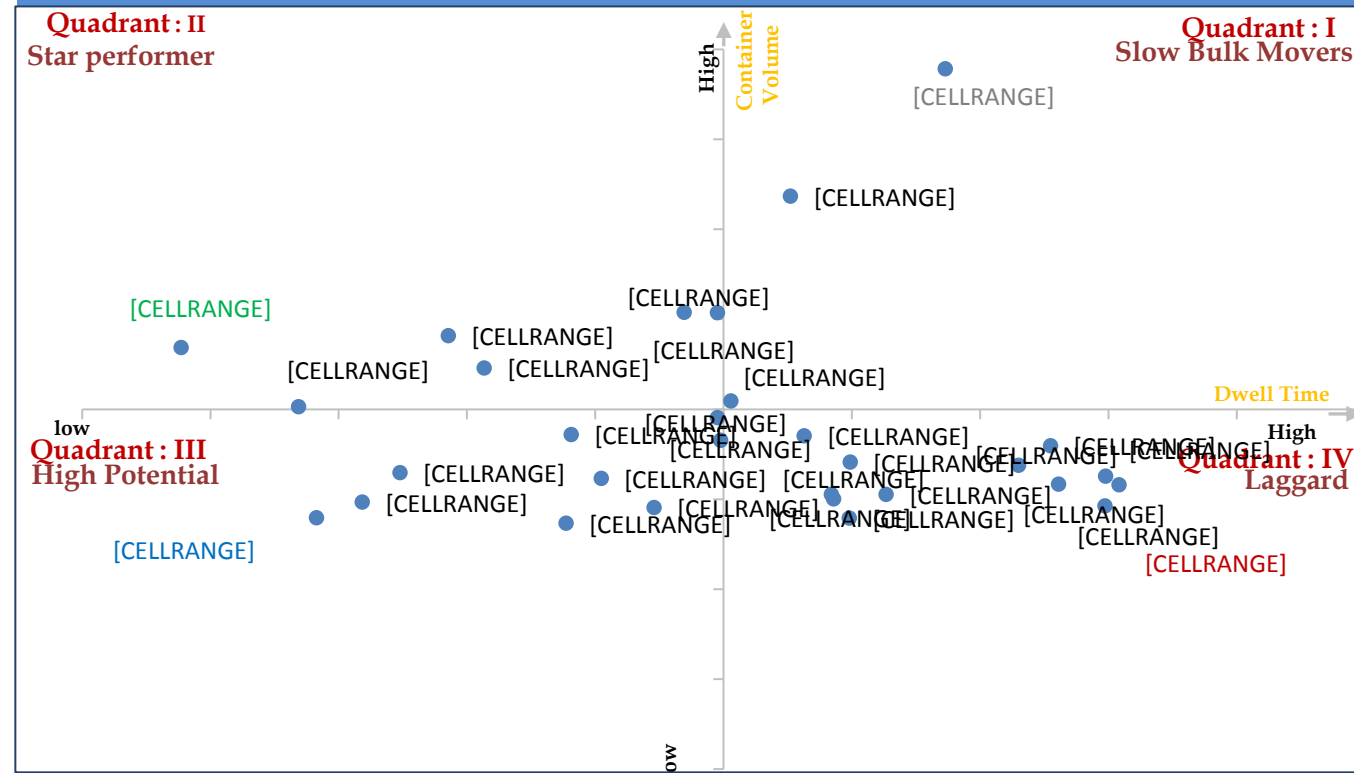
## Low Performing CFS

### Seabird CFS Hazira

Mar'20	Apr'20
96.0 hrs	124.1 hrs 


Note: The performance benchmarking is based on performance index  
  The arrows depict increase/decrease in overall performance of the stakeholders as compared to Mar'20

## Performance Index: Western Corridor CFS




## Top Performing ICD

### Albatross Inland Ports ICD, Dadri

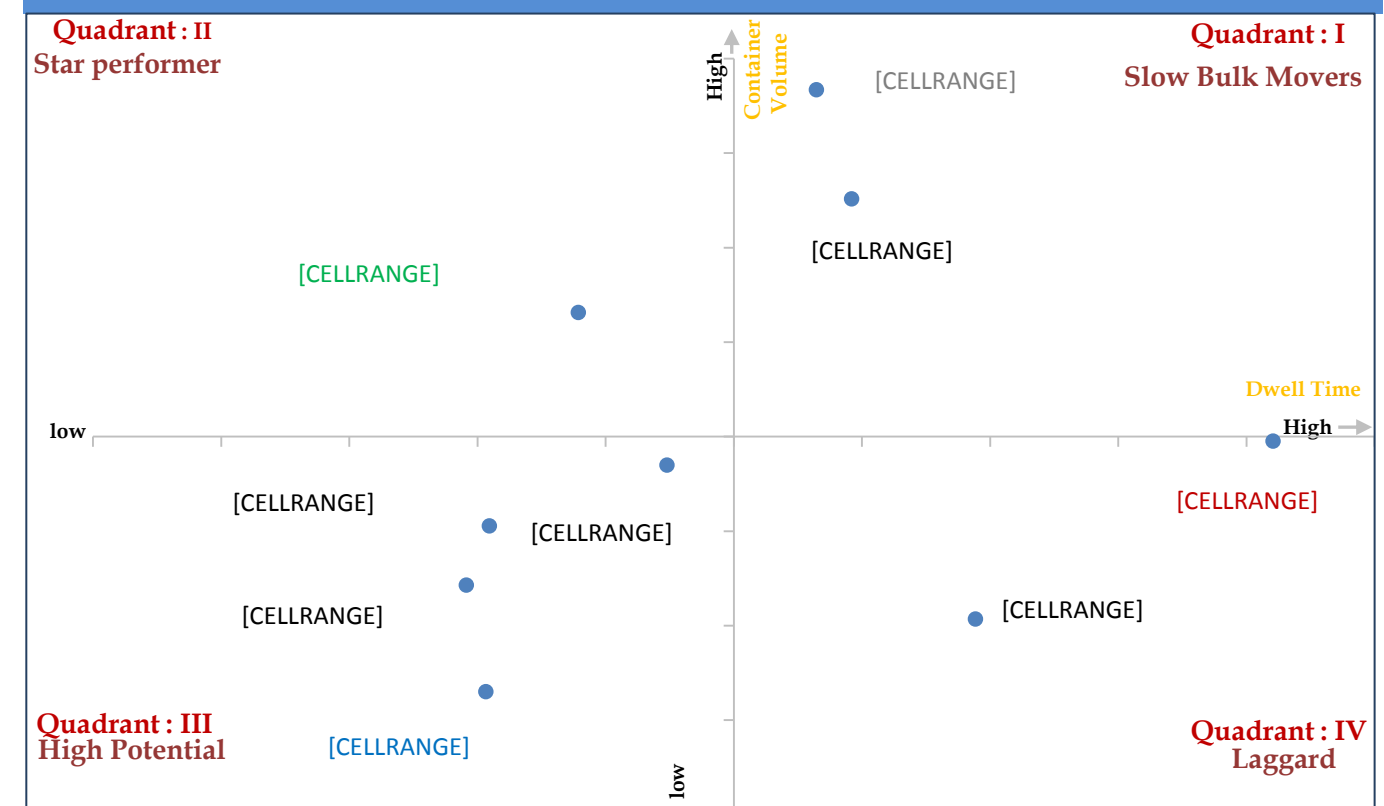
Mar'20	Apr'20
133.2 hrs	132.4 hrs 

## Low Performing ICD

### APM Terminals ICD, Dadri

Mar'20	Apr'20
166.2 hrs	290.0 hrs 

## Performance Index: ICD



Kindly refer to Annexure section for the names of CFS



## Port Dwell Time

IMPORT

Mode	Mar'20 (in hrs)	Apr'20 (in hrs)
Overall	38.5	73.9
Truck	39.1	68.4

EXPORT

Mode	Mar'20 (in hrs)	Apr'20 (in hrs)
Overall	80.1	99.7
Truck	80.3	78.7
Train	76.3	96.5

## Container Freight Stations(CFS)- Dwell Time



Container  
Freight  
Stations

Entity	Mar'20 (in hrs)	Apr'20 (in hrs)
CFS	89.4	94.6

The marked entries showcase increase in performance in comparison to Mar'20

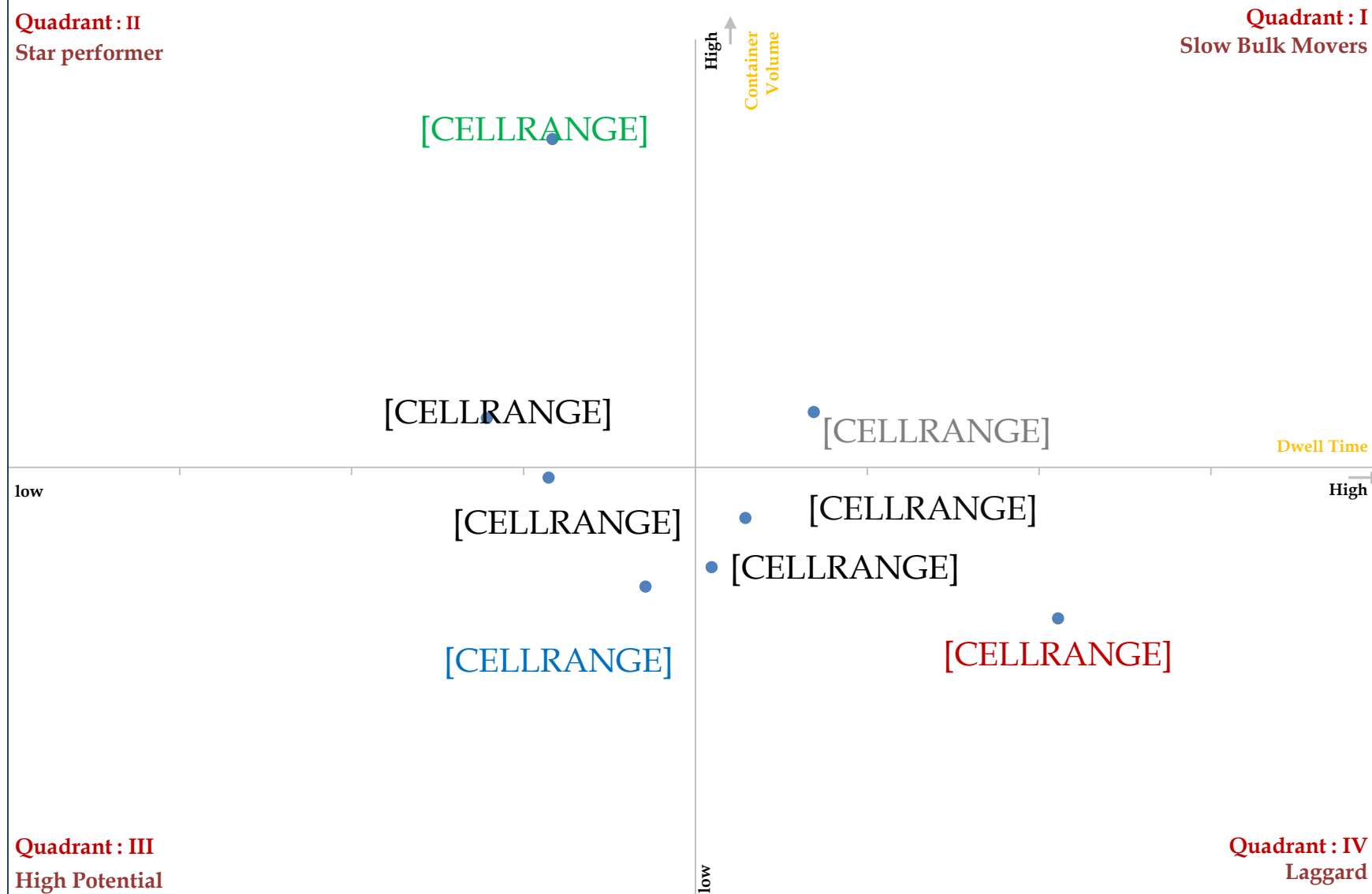
The marked entries showcase decrease in performance in comparison to Mar'20



## Performance Benchmarking - Port Terminals

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


### Southern Corridor Port Terminal Performance Index - Apr'20



Performance benchmarking for Port Terminals covered under LDB project for Apr'20


#### Top Performing Terminal

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

Mar'20	Apr'20
43.6 hrs	65.9 hrs 

#### Low Performing Terminal

##### New Mangalore Port Trust Terminal

Mar'20	Apr'20
107.4 hrs	304.3 hrs 

Note: The performance benchmarking is based on performance index



The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Mar'20

#### 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

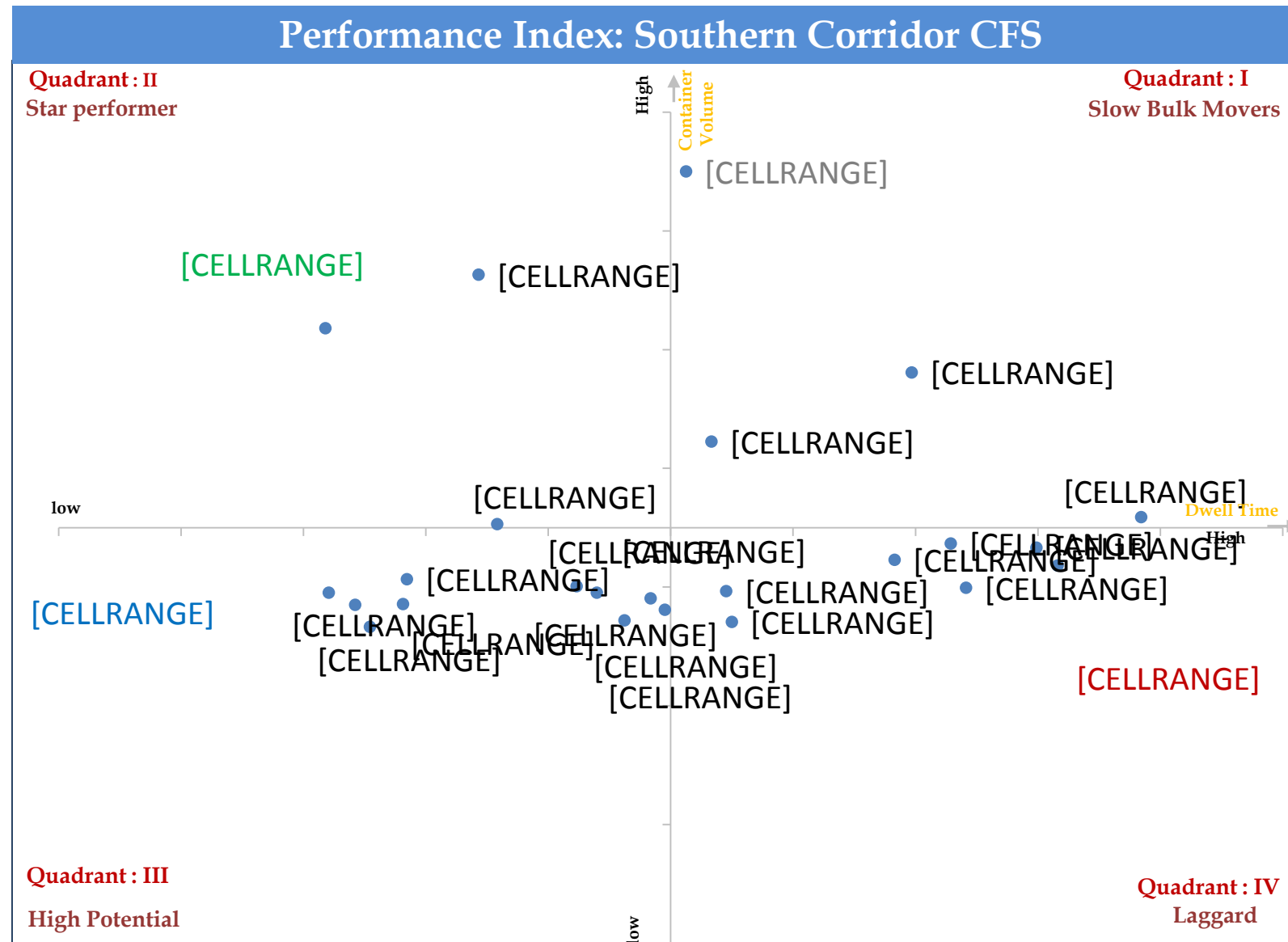
**Slow Bulk Movers :** consist of entities which have catered higher container volume at higher dwell time

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**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 Apr'20

### Top Performing Terminal

#### Concor CFS, Chennai

Mar'20

14.4 hrs

Apr'20

9.7 hrs



### Low Performing Terminal

#### St. John Freight Systems Ltd. - ICD Division

Mar'20

86.3 hrs

Apr'20

212.9 hrs



Note: The performance benchmarking is based on performance index



The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Mar'20

### Performance Index- Summary

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## IMPORT

### Port Dwell Time

Mode	Mar'20 (in hrs)	Apr'20 (in hrs)
Overall	44.2	77.9
Truck	41.3	68.1
Train	137.9	261.8

## EXPORT

Mode	Mar'20 (in hrs)	Apr'20 (in hrs)
Overall	79.9	95.1
Truck	79.1	88.8
Train	84.4	122.3

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



Container  
Freight  
Stations

Entity	Mar'20 (in hrs)	Apr'20 (in hrs)
CFS	141.6	168.1

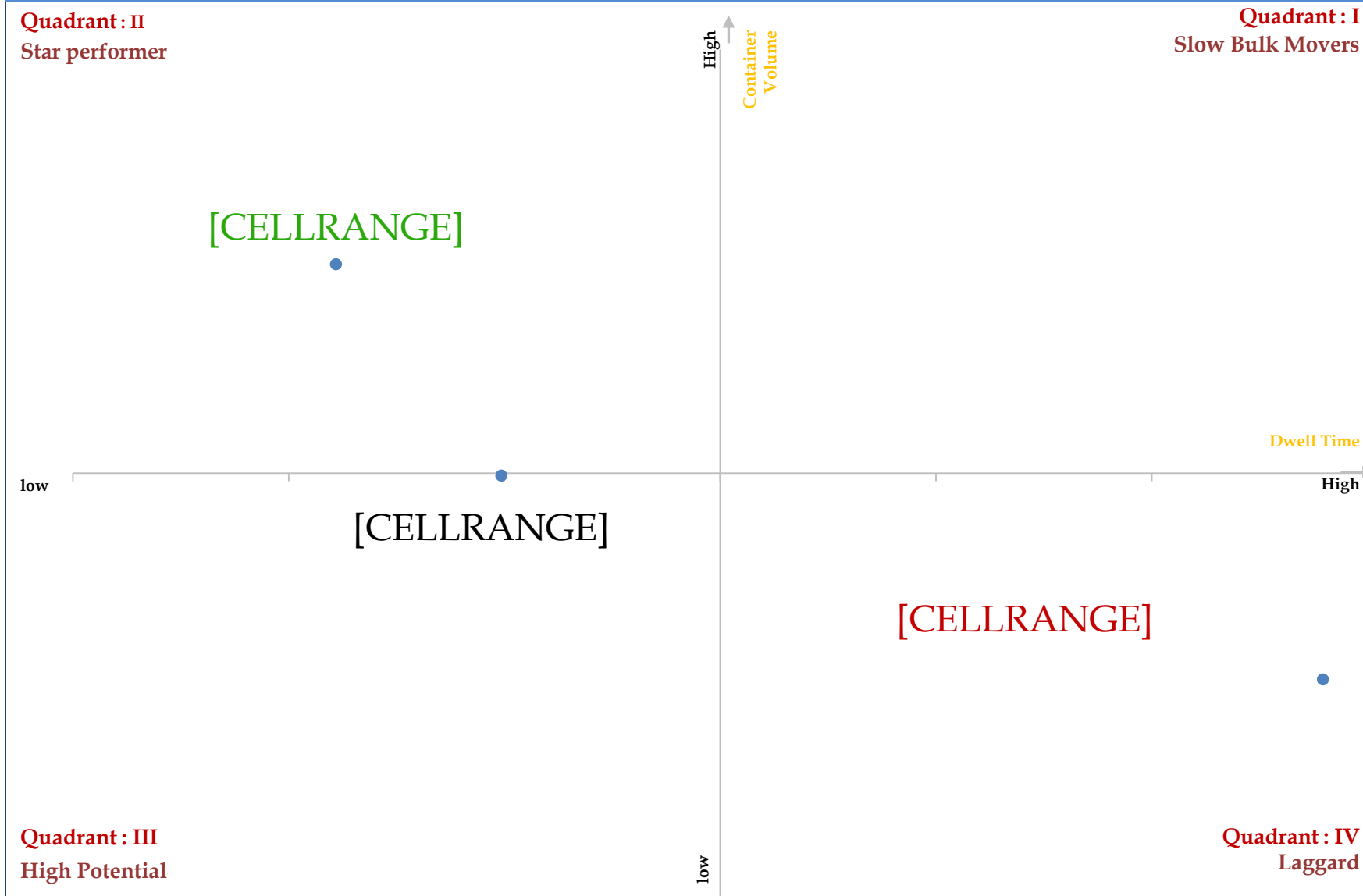
- The marked entries showcase increase in performance in comparison to Mar'20
- The marked entries showcase decrease in performance in comparison to Mar'20



## Performance Benchmarking - Port Terminals

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

### Port Terminal Performance Index – Apr'20



Performance benchmarking for Port Terminals covered under LDB project for Apr'20

#### Top Performing Terminal

##### Kolkata Dock System (KDS)

Mar'20	Apr'20
62.3 hrs	66.0 hrs



#### Low Performing Terminal

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

Mar'20	Apr'20
89.8 hrs	208.9 hrs



Note: The performance benchmarking is based on performance index



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#### Performance Index- Summary

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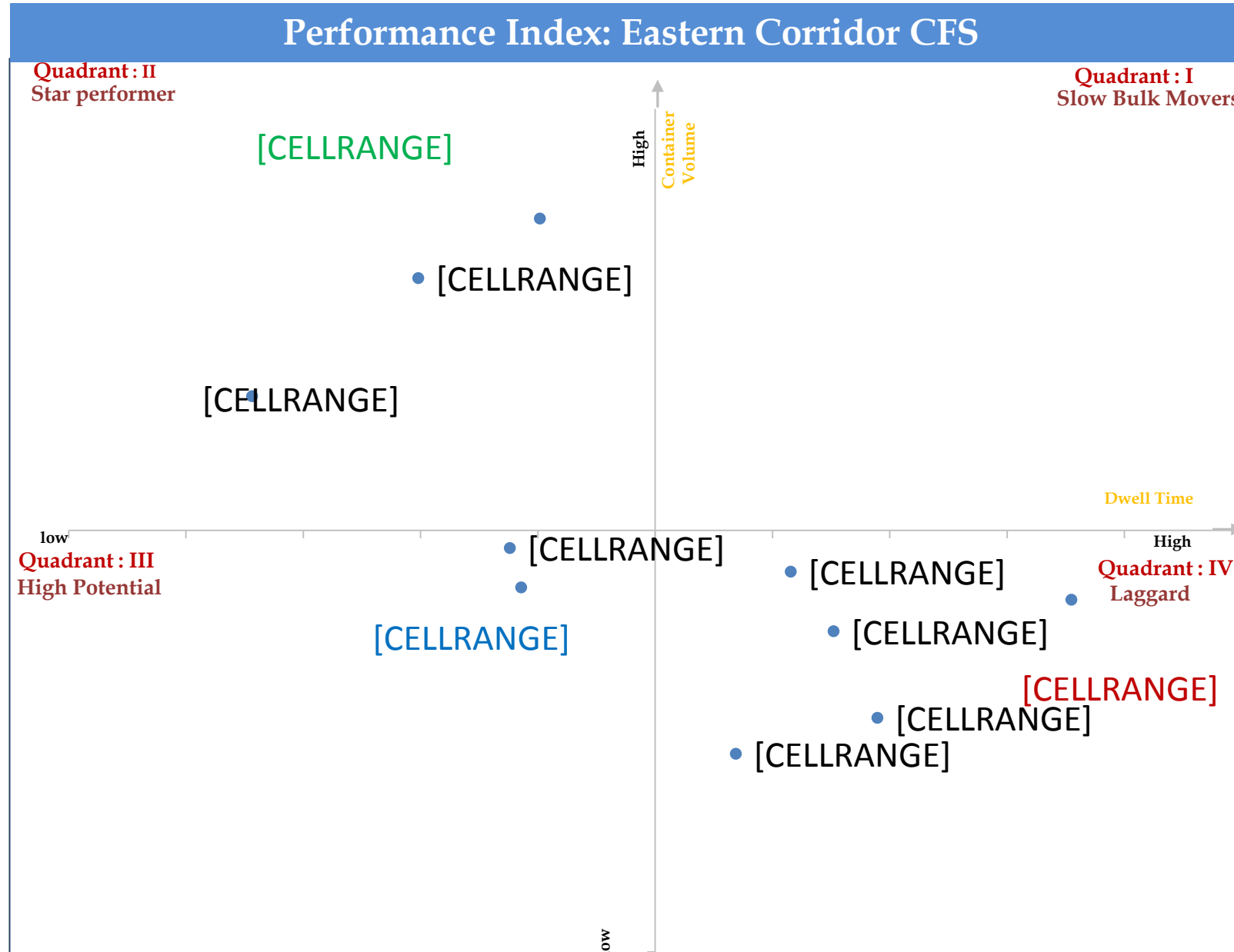
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**Laggard :** consist of entities which have catered relatively lower container volume at higher dwell time



## Performance Benchmarking - CFS



Performance benchmarking for CFS covered under LDB project in Eastern Corridor for Apr'20

### Top Performing Terminal

#### Century Plyboards CFS, JJP

Mar'20	Apr'20
149.6 hrs	169.5 hrs



### Low Performing Terminal

#### Phonex CFS

Mar'20	Apr'20
155.9 hrs	275.8 hrs



Note: The performance benchmarking is based on performance index



The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Mar'20

### 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

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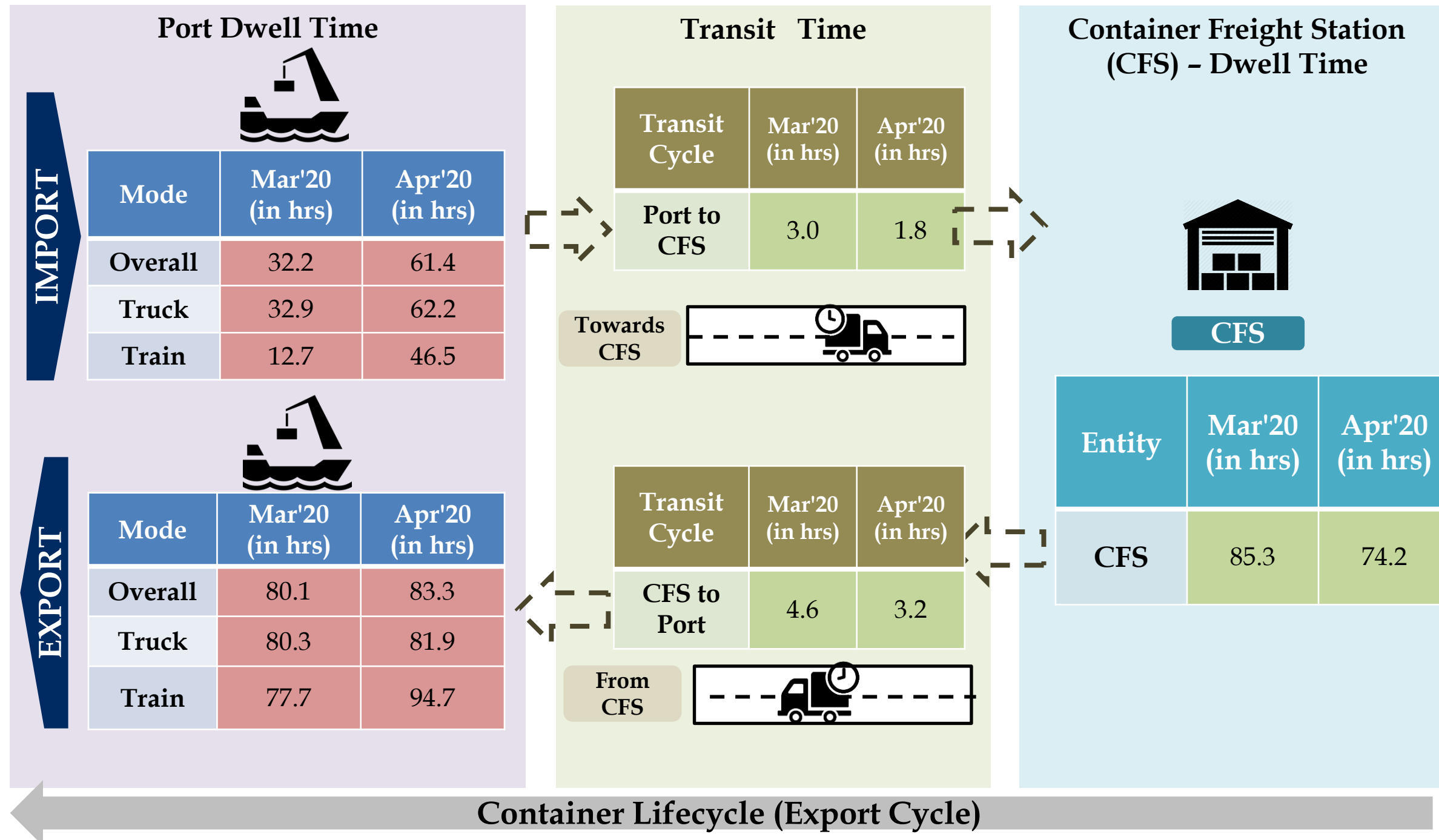


# Annexure

# Individual Terminal Performance In Southern Corridor

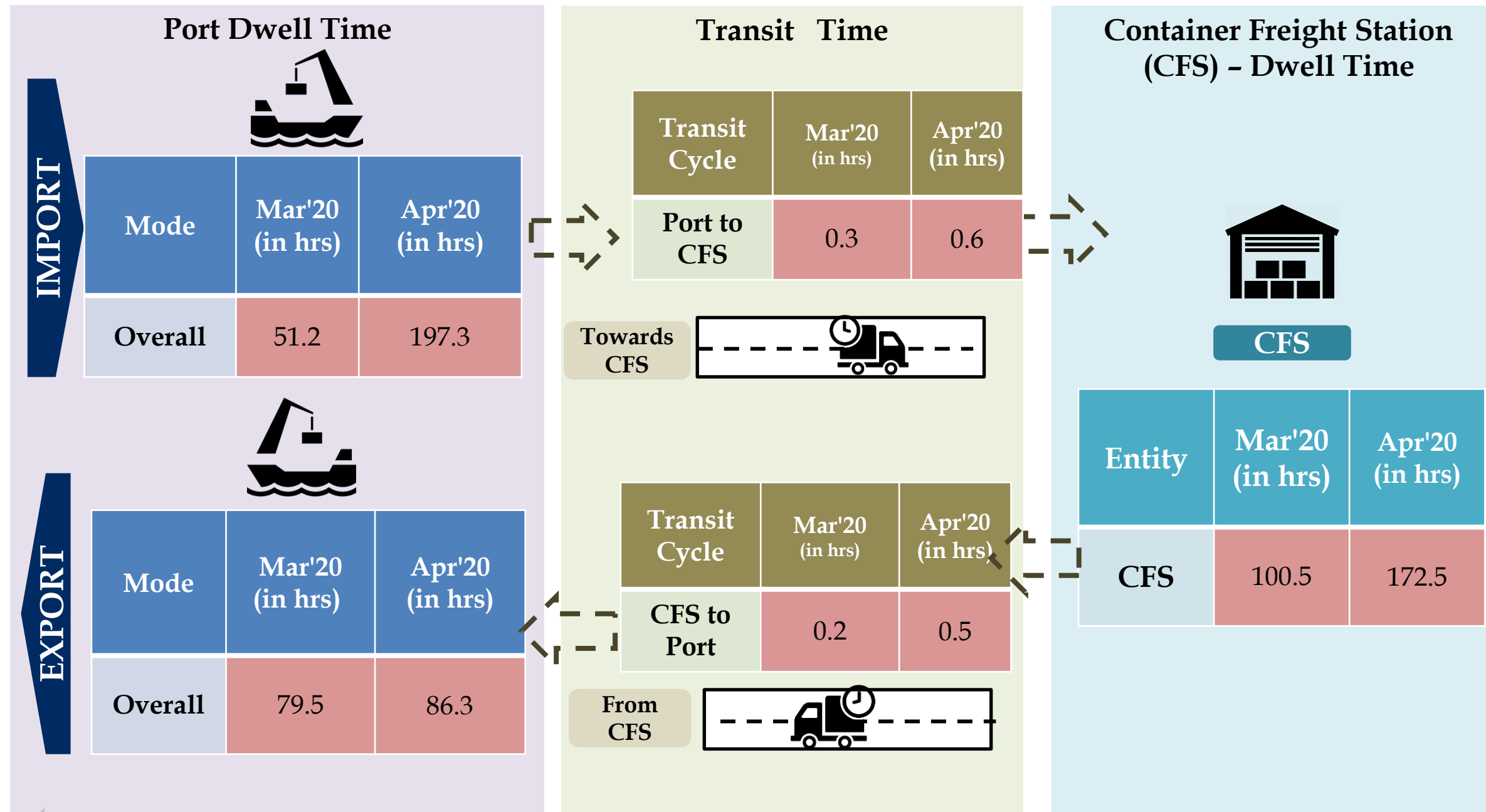


## Container Lifecycle (Import Cycle)



# Kochi Port Terminal: Container Transportation

## Container Lifecycle (Import Cycle)



## Container Lifecycle (Export Cycle)

## Container Lifecycle

### Port Dwell Time



IMPORT

Terminals	Mar'20 (in hrs)	Apr'20 (in hrs)
Overall	20.3	41.6
DBGT Port terminal	17.1	35.2
PSA SICAL	34.8	141.1



EXPORT

Terminals	Mar'20 (in hrs)	Apr'20 (in hrs)
Overall	56.7	46.5
DBGT Port terminals	50.5	34.1
PSA SICAL	70.3	82.1

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



CFS

Entity	Mar'20 (in hrs)	Apr'20 (in hrs)
CFS	97.8	135.1

The marked entries showcase the increase in performance as compared to Mar'20

The marked entries showcase the decrease in performance as compared to Mar'20

## Container Lifecycle (Import Cycle)

### Port Dwell Time\*



Mode	Mar'20 (in hrs)	Apr'20 (in hrs)
Overall	86.0	261.3



Mode	Mar'20 (in hrs)	Apr'20 (in hrs)
Overall	71.6	95.7

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



#### CFS

Entity	Mar'20 (in hrs)	Apr'20 (in hrs)
CFS	103.9	106.7

The marked entries showcase the increase in performance as compared to Mar'20

The marked entries showcase the decrease in performance as compared to Mar'20

### Cargo Dwell Time



#### Port

Port Cargo Dwell time	Mar'20 (in hrs)	Apr'20 (in hrs)
Import	83.8	238.4
Export	62.1	59.9

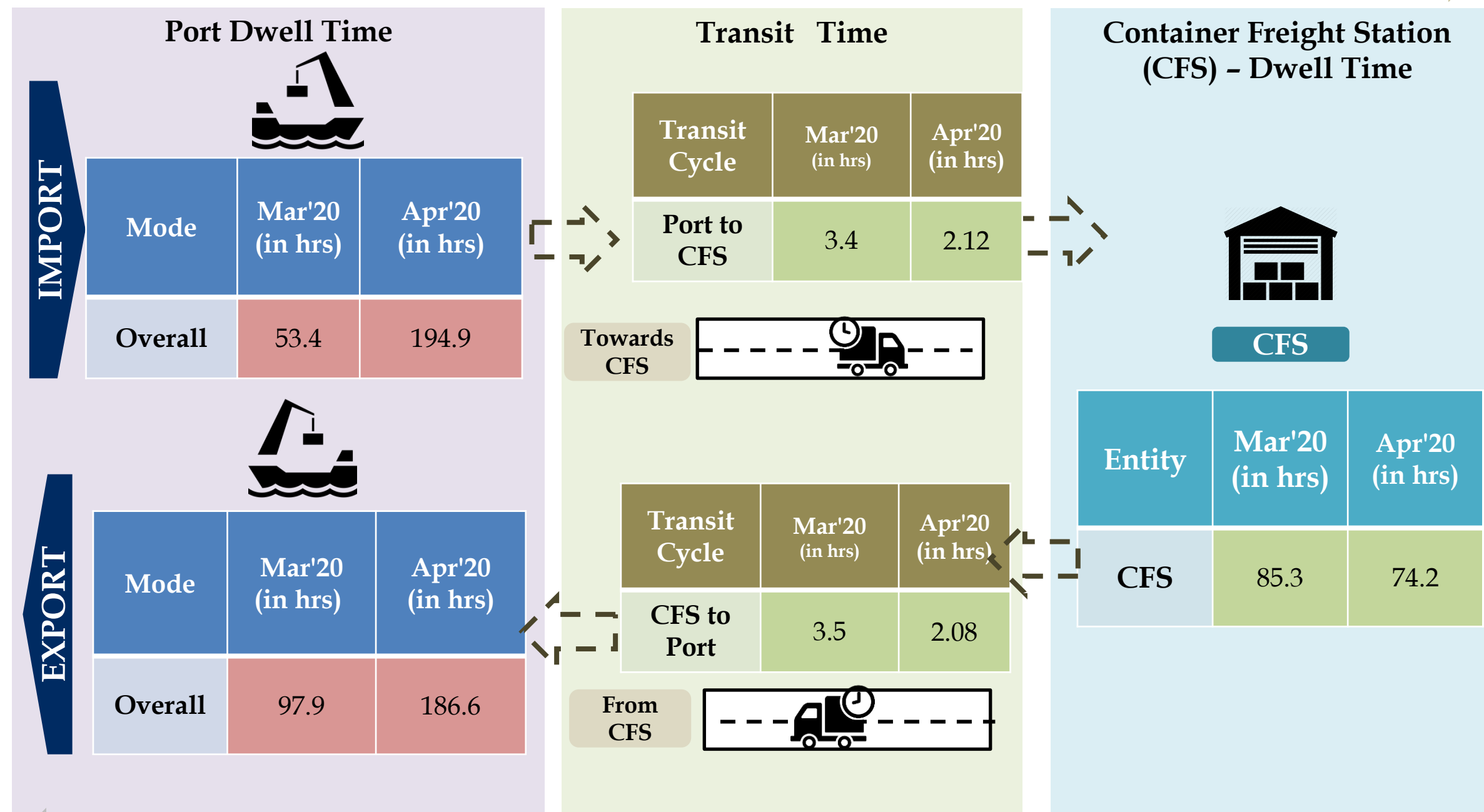
Cargo Clearance time is calculated on the basis of Container In Time and Cargo out time for Import Cycle whereas for Export Cycle it is been calculated on the basis of Cargo In time and Container Out time

## Container Lifecycle (Export Cycle)

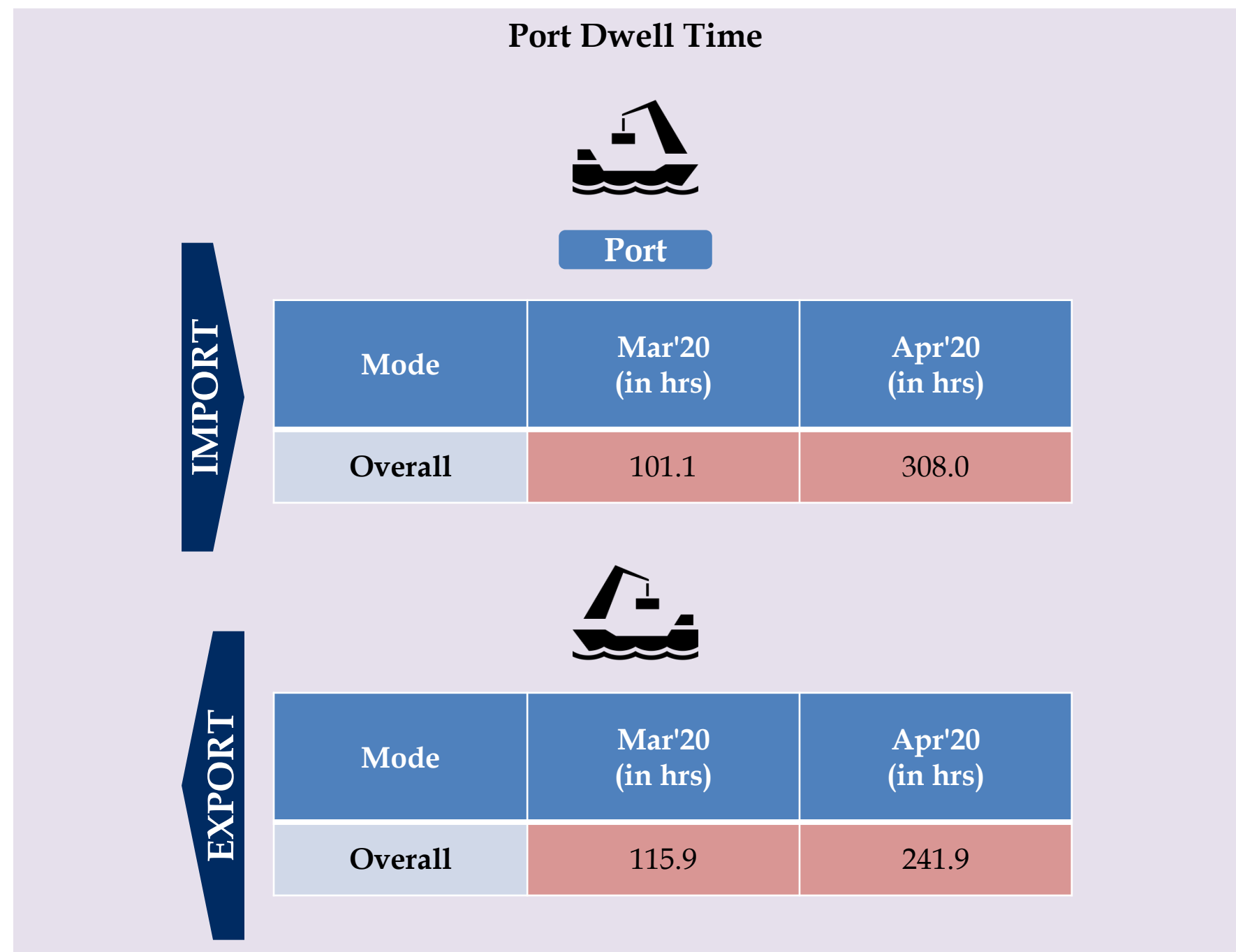
★ Port dwell time reflects the time container has spent in the vicinity which is calculated on the basis of Port out time and Port in Time of container

# Kattupalli Port Terminal: Container Transportation

## Container Lifecycle (Import Cycle)



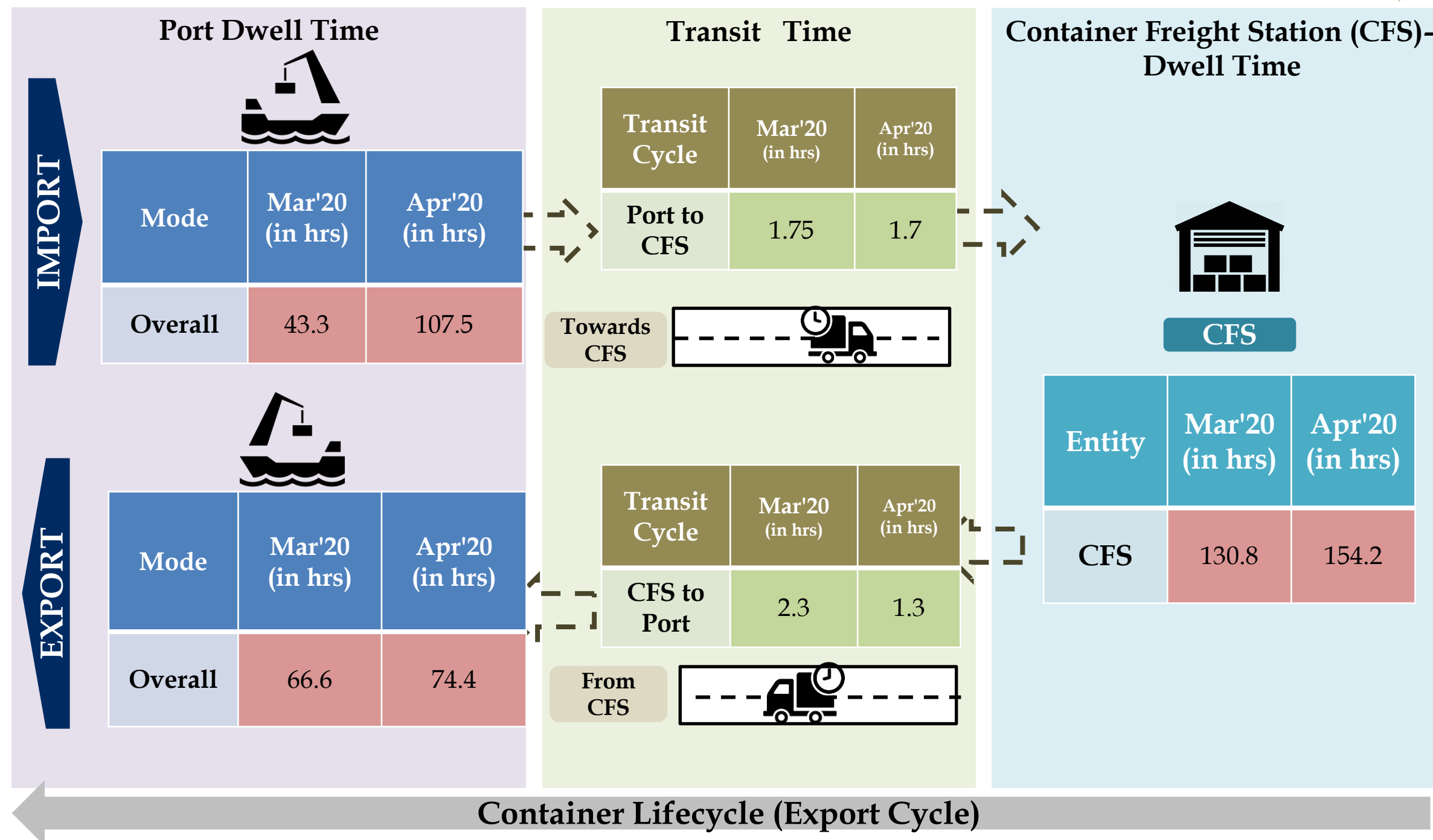
## Container Lifecycle (Export Cycle)



# Individual Terminal Performance In Eastern Corridor

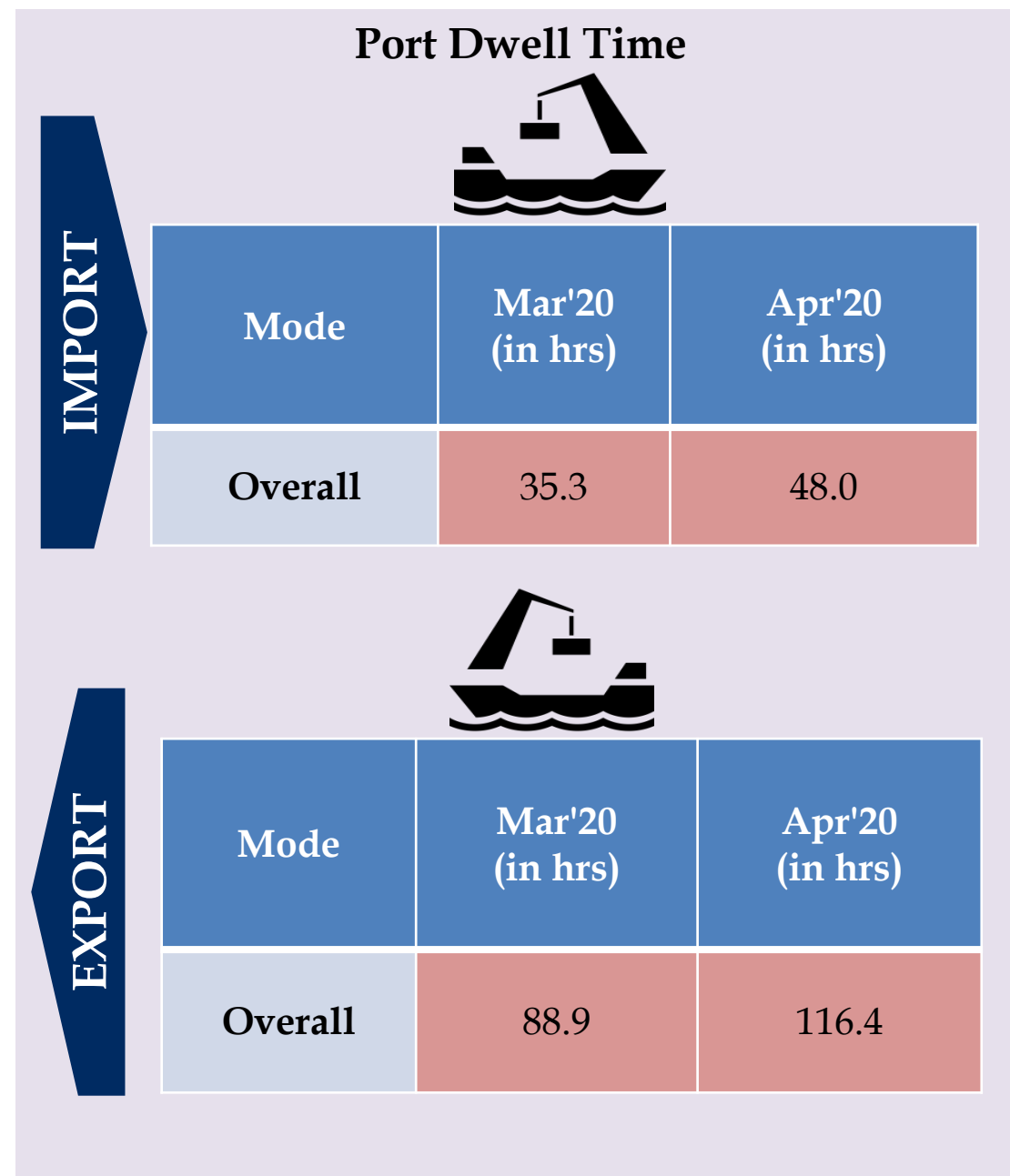
# Vishakhapatnam Port Terminal: Container Transportation

## Container Lifecycle (Import Cycle)

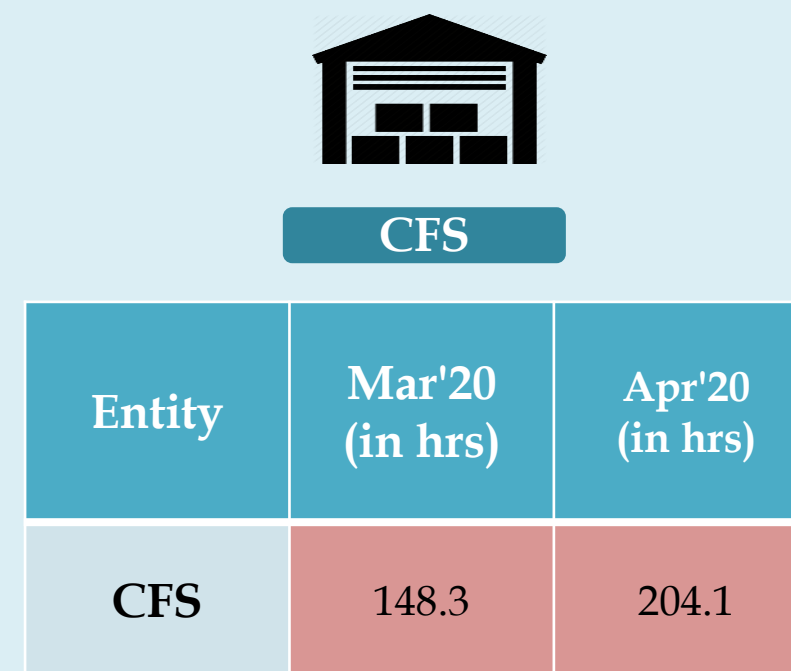




## Container Lifecycle (Import Cycle)



## Container Freight Station (CFS)- Dwell Time



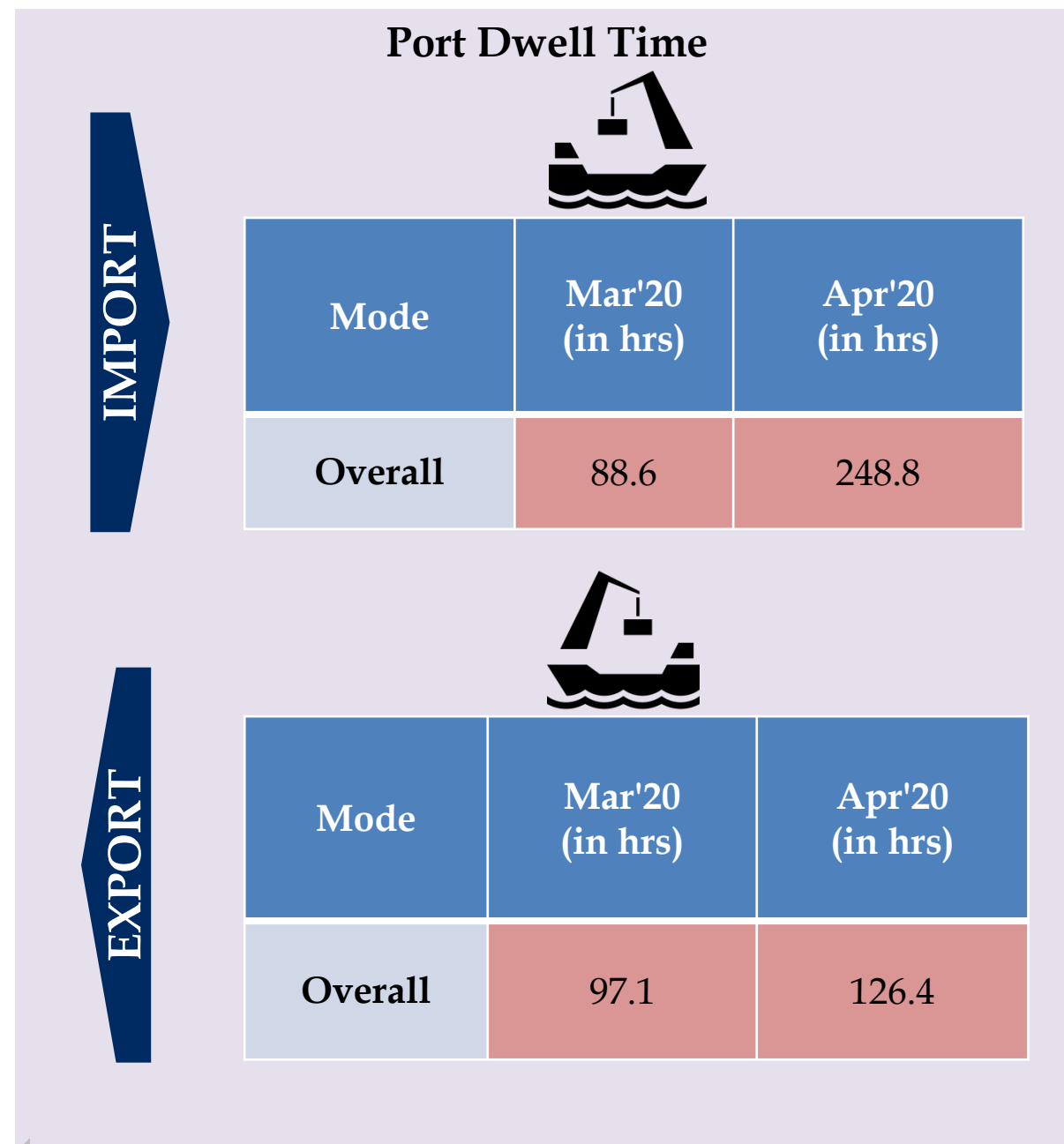
The marked entries showcase the increase in performance as compared to Mar'20

The marked entries showcase the decrease in performance as compared to Mar'20

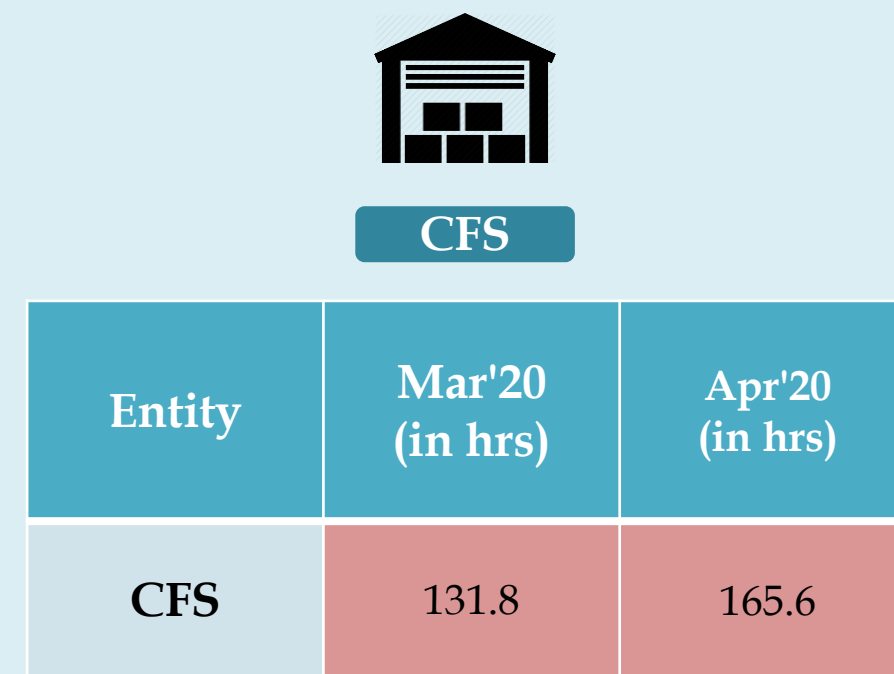
## Container Lifecycle (Export Cycle)

Note: Port Dwell Time at Kolkata Port Terminals is been calculated on the basis of all the containers including Nepal Bound containers

## Container Lifecycle (Import Cycle)



## Container Freight Station (CFS)- Dwell Time





The marked entries showcase the increase in performance as compared to Mar'20





The marked entries showcase the decrease in performance as compared to Mar'20


## Container Lifecycle (Export Cycle)



# Individual Terminal Performance In Western Corridor


## Container Lifecycle (Import Cycle)


IMPORT	Port Dwell Time		
			
	Mode	Mar'20 (in hrs)	Apr'20 (in hrs)
	Overall	19.7	49.8
	Truck	18.3	40.2
EXPORT			
	Mode	Mar'20 (in hrs)	Apr'20 (in hrs)
	Overall	66.2	69.4
	Truck	67.1	67.9
	Train	57.2	76.5

Transit Time			
			
Towards ICD			
	Station		
	Transit Cycle	Mar'20 (in hrs)	Apr'20 (in hrs)
	Port to ICD	78.7	69.1
	Port to CFS	2.3	2.7
Towards CFS			
	From ICD		
	Transit Cycle	Mar'20 (in hrs)	Apr'20 (in hrs)
	ICD to Port	59.9	64.2
	CFS to Port	3.7	2.8
From CFS			

Container Freight Station (CFS) / Inland Container Depot (ICD) - Dwell Time			
			
	ICD		
	CFS		
Entity	Mar'20 (in hrs)	Apr'20 (in hrs)	
CFS	80.3	89.4	
ICD	134.2	160.4	

Volume distribution at port terminal - Truck/Rail		
		
	Truck	Rail
Import	75%	25%
Export	73%	27%

 The marked entries showcase the increase in performance as compared to Mar'20

 The marked entries showcase the decrease in performance as compared to Mar'20

## Container Lifecycle (Export Cycle)

# Container Transportation- JNPT Port Terminals

%IMPORT CYCLE DWELL TIME (Apr'20 – in hrs)			Compared to Mar'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	49.8	152% ↓
	Port Dwell Time for Truck Bound Containers	40.2	119% ↓
	Port Dwell time for Train Bound Containers	85.6	170% ↓
	Port Dwell time Direct Port Delivery (DPD) containers	101.9	225% ↓
	Port Dwell time Containers bound for CFS	40.9	173% ↓
	Port Dwell for Empty Containers	59.2	116% ↓
	Port Dwell for Laden Containers	43.4	138% ↓
TRANSIT TIME	Port to ICD	69.1	12% ↑
	Port to CFS	2.7	15% ↓

EXPORT CYCLE DWELL TIME (Apr'20– in hrs)			Compared to Mar'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	69.4	5% ↓
	Port Dwell Time for Truck Bound Containers	67.9	1% ↓
	Port Dwell time for Train Bound Containers	76.5	34% ↓
	Port Dwell time Direct Port Entry (DPE) containers	67.0	7% ↑
	Port Dwell time Containers bound from CFS	68.5	6% ↓
	Port Dwell for Empty Containers	67.9	5% ↓
	Port Dwell for Laden Containers	64.6	4% ↑
TRANSIT TIME	ICD to Port	64.2	7% ↓
	CFS to Port	2.8	25% ↑

↑↓ The arrows depict increase/decrease in performance of the stakeholders in comparison to Mar'20

# 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



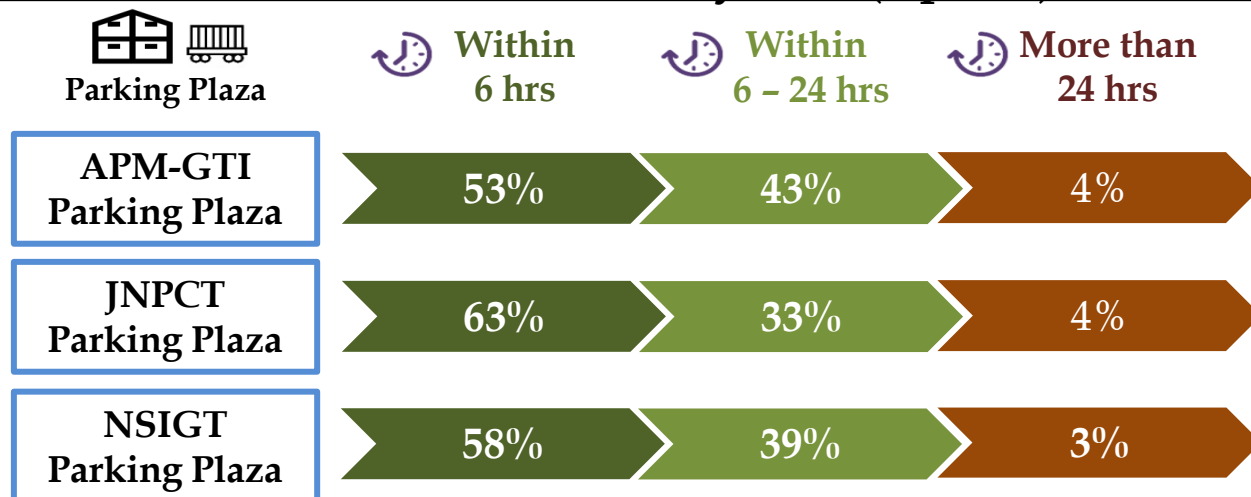
## Parking Plaza Gate In – Gate Out

Mode	Mar'20 (in hrs)	Apr'20 (in hrs)
Overall Parking Plaza	7.42	5.41

Parking Plaza	Mar'20 (in hrs)	Apr'20 (in hrs)
APM-GTI Parking Plaza	6.9	5.6
JNPCT Parking Plaza	6.21	4.8
NSIGT Parking Plaza	8.4	5.1

## Container Handled: Day wise (Apr'20)



## Parking Plaza Gate Out – Terminal In

Mode	Mar'20 (in hrs)	Apr'20 (in hrs)
Overall Parking Plaza to JNPT Port	2.3	1.4

Port	Mar'20 (in hrs)	Apr'20 (in hrs)
JNPCT	1.9	1.6
NSICT	2.1	1.1
GTI	2.6	2.0
NSIGT	2.0	0.9
BMCT	2.6	2.0


## Container Handled: Day wise (Apr'20)



## Container Lifecycle (Import Cycle)

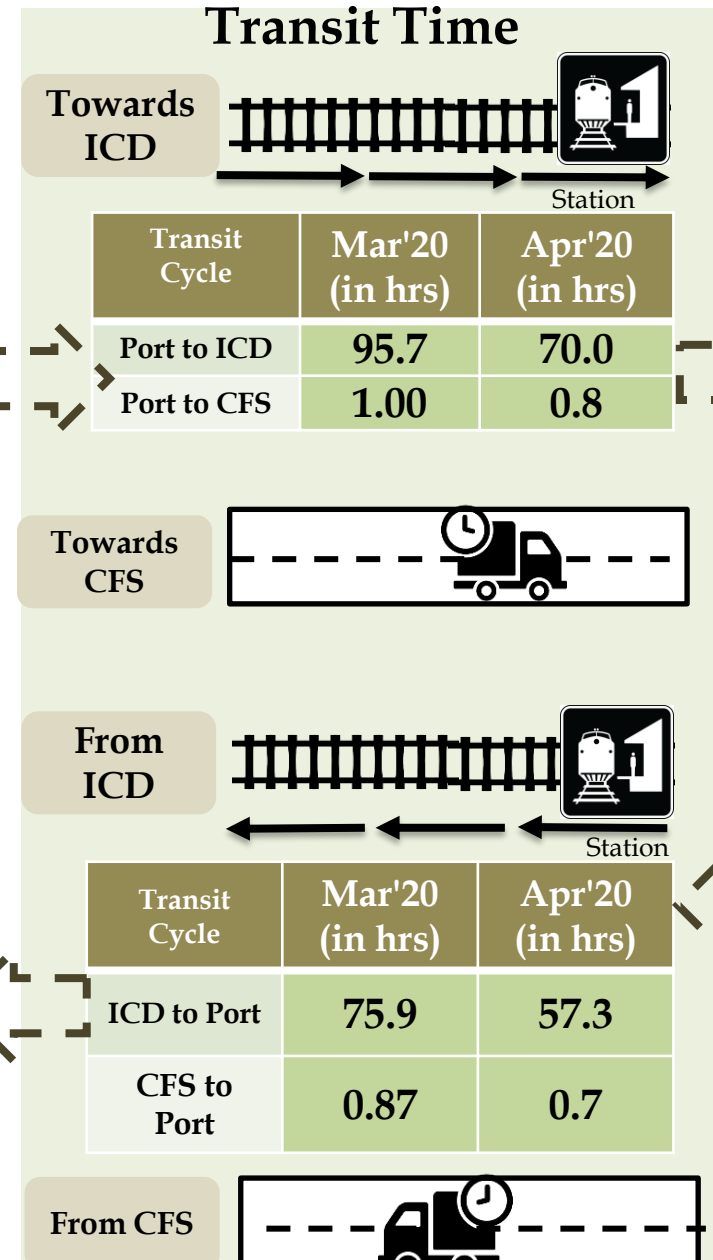
IMPORT

Mode	Mar'20 (in hrs)	Apr'20 (in hrs)
Overall	26.8	59.0
Truck	25.1	51.7
Train	50.6	82.2




EXPORT


Mode	Mar'20 (in hrs)	Apr'20 (in hrs)
Overall	120.07	128.1
Truck	120.07	124.6
Train	120.10	136.8



### Container Freight Stations(CFS)/Inland Container Depots(ICD)



**ICD**



**CFS**

Entity	Mar'20 (in hrs)	Apr'20 (in hrs)
CFS	85.7	96.9
ICD	134.2	160.4

### Volume distribution at port terminal - Truck/Rail

	Truck	Rail
Import	76%	24%
Export	69%	31%

The marked entries showcase the increase in performance as compared to Mar'20

The marked entries showcase the decrease in performance as compared to Mar'20

## Container Lifecycle (Export Cycle)



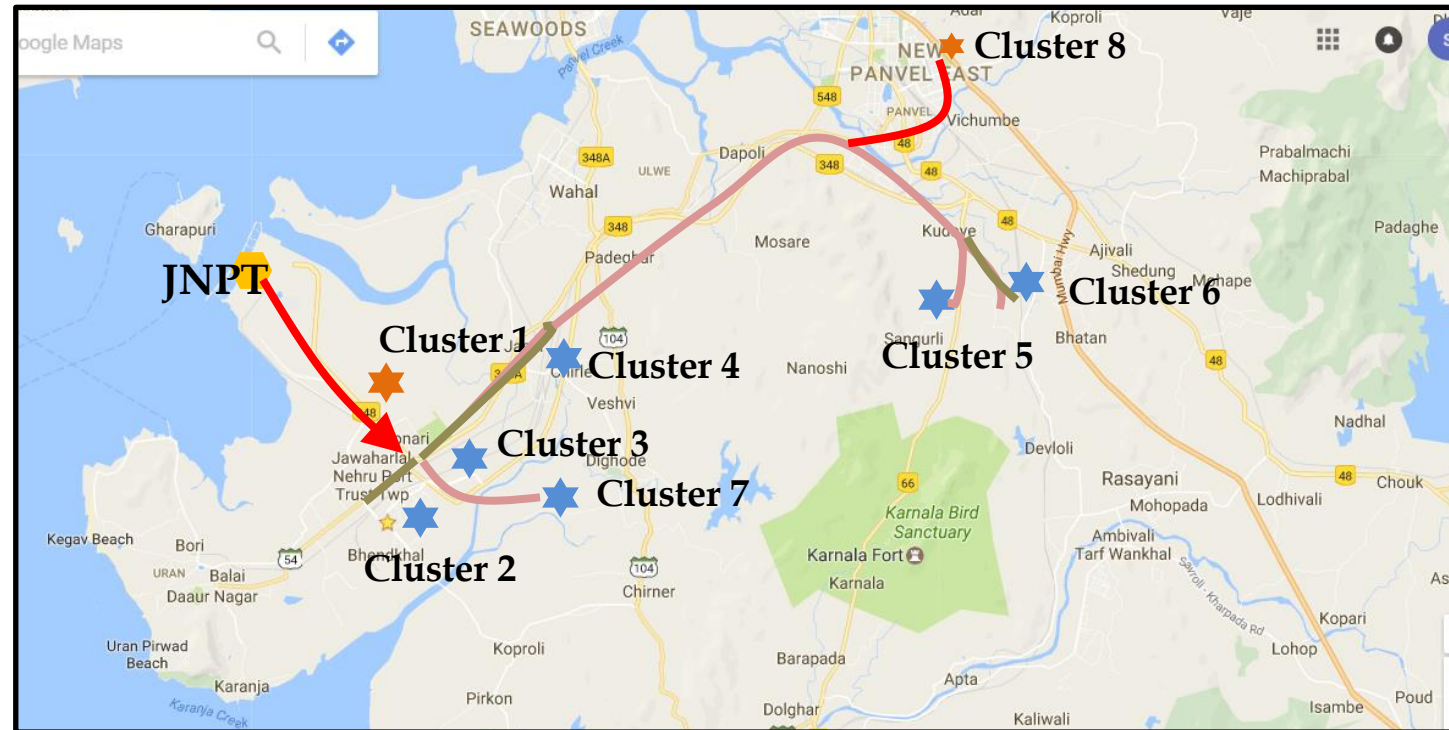
IMPORT CYCLE DWELL TIME (Apr'20- in hrs)			Compared to Mar'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	59.0	120% ↓
	Port Dwell Time for Truck Bound Containers	51.7	106% ↓
	Port Dwell time for Train Bound Containers	82.2	63% ↓
TRANSIT TIME	Port to ICD	70.0	27% ↑
	Port to CFS	0.8	16% ↑

EXPORT CYCLE DWELL TIME (Apr'20- in hrs)			Compared to Mar'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	128.1	7% ↓
	Port Dwell Time for Truck Bound Containers	124.6	4% ↓
	Port Dwell time for Train Bound Containers	136.8	14% ↓
TRANSIT TIME	ICD to Port	57.3	24% ↑
	CFS to Port	0.7	18% ↑

↑↓ The arrows depict increase/decrease in performance of the stakeholders in comparison to Apr'20



## JNPT - Import - Apr'20



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

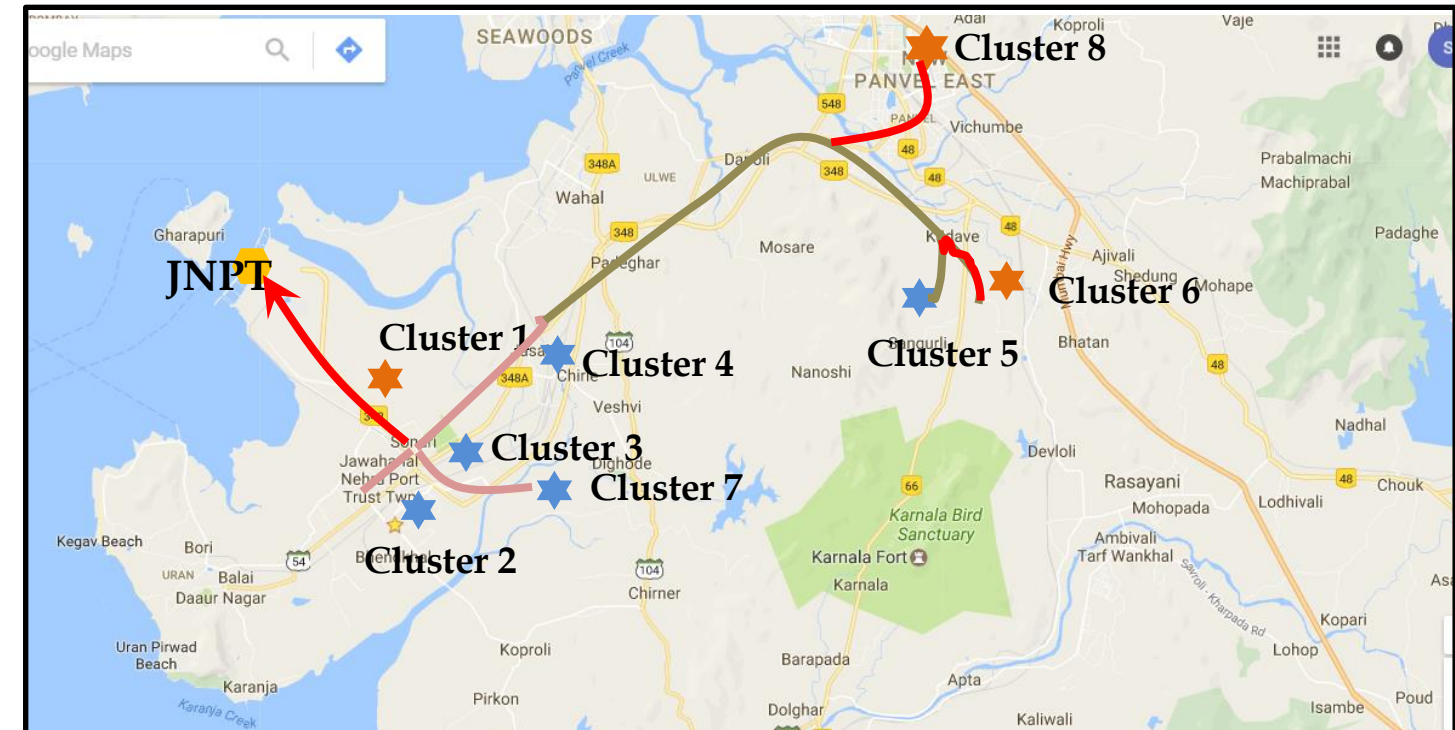
### Clusters with bottleneck

CLUSTER 1	JNPT Area
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

## JNPT - Export - Apr'20



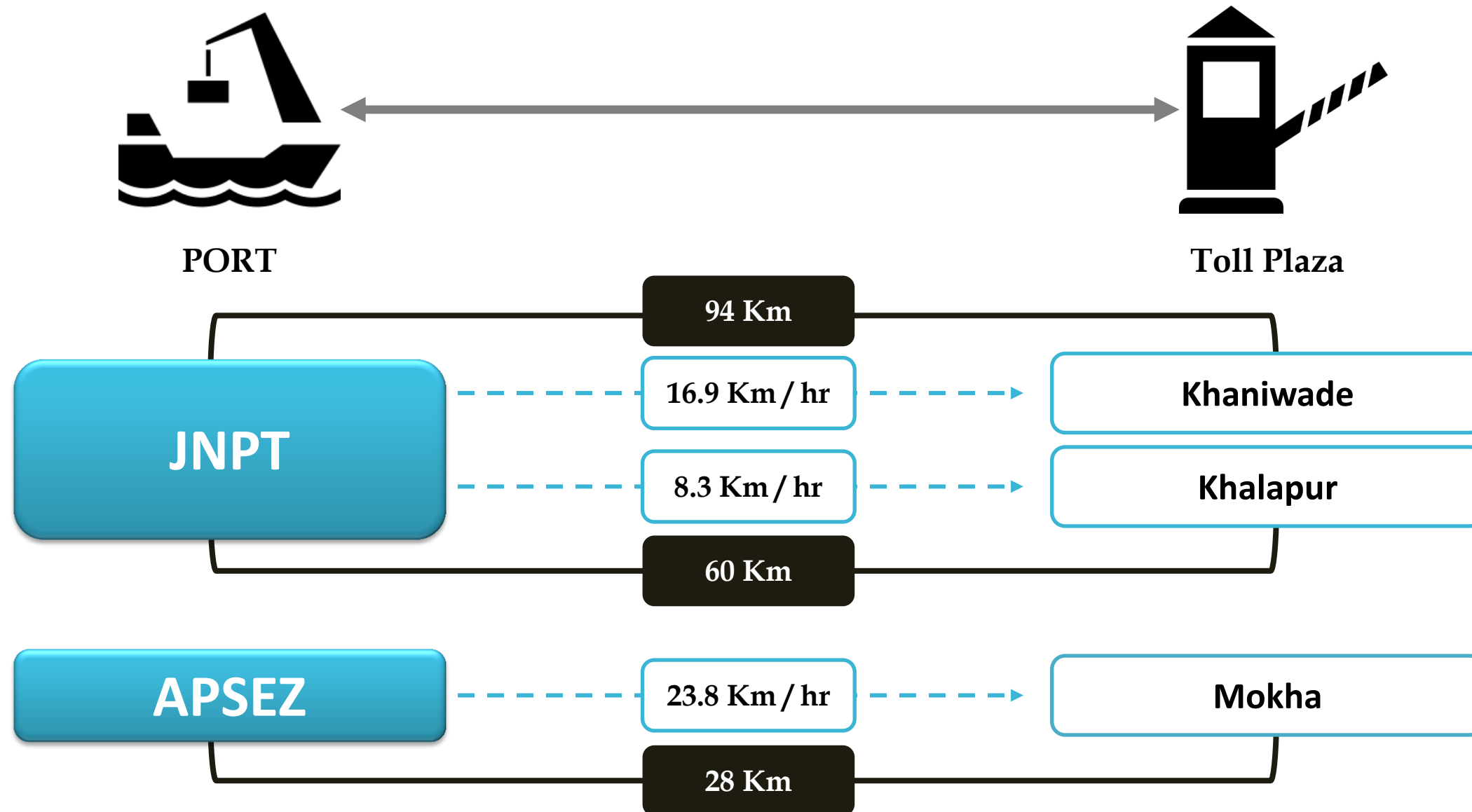
### Clusters with bottleneck

CLUSTER 1	JNPT Area
CLUSTER 6	Salva apta rd area, Bangalore highway

### Clusters without bottleneckz

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 7	Patilpada area, Khopate JNPT road
CLUSTER 8	Taloja, Navi Mumbai

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

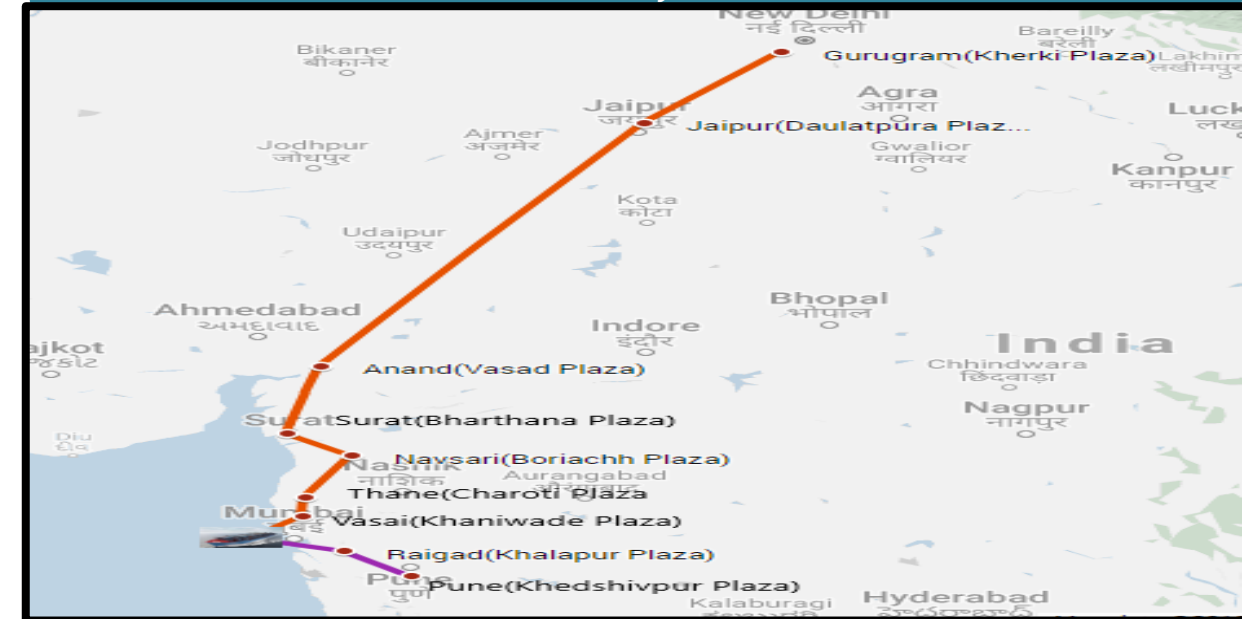


# Western Corridor Toll Plaza Analysis

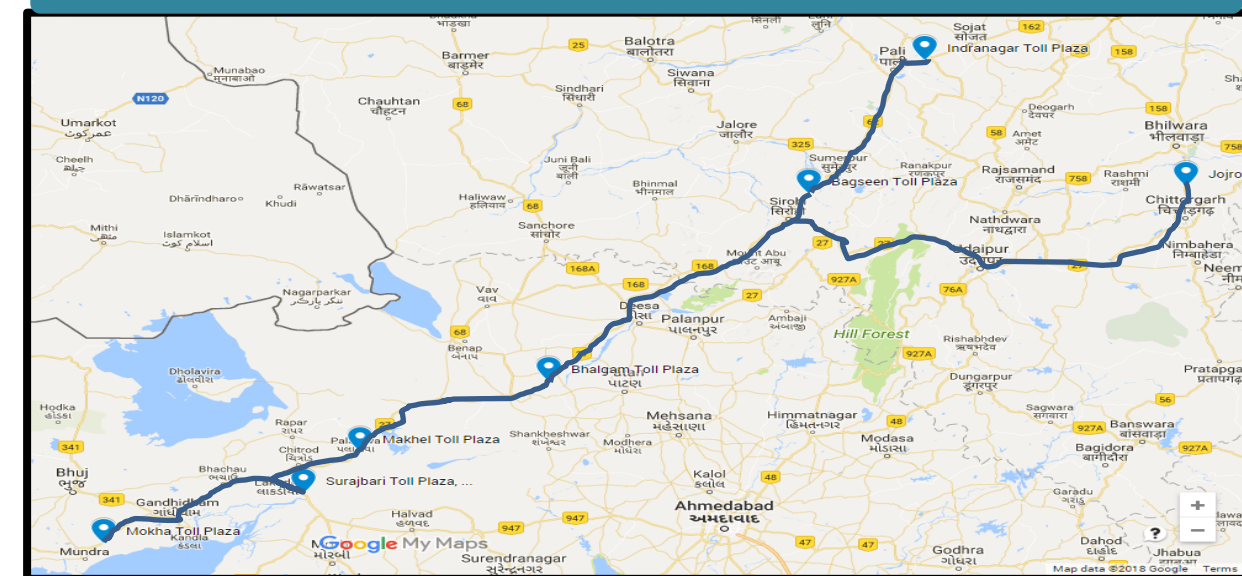
## Avg. Speed between Toll to Toll Plazas

	Source	Destination Toll Plaza	Inter Distance (Km)	Mar'20 (in km/hrs)	Apr'20 (in km/hrs)
JNPT	JNPT	Khaniwade	94	13.2	16.9
	JNPT	Khalapur	60	8.2	8.3
	Khaniwade	Charoti	50	35.7	15.5
	Charoti	Boriach	126	29.6	29.3
	Boriach	Bharthan	142	35.7	34.7
APSEZ	APSEZ	Mokha	28	25.9	23.8
	Mokha	Makhel	150	24.5	22.9
	Mokha	Surajbari	115	28.9	29.2
	Makhel	Bhalgam	108	38.0	32.1

### Toll Plaza - JNPT Port



### Toll Plaza - APSEZ Port





## List of Port name used in Executive Summary

Terminal Name	Name of the Port
<b>ACMTTL</b>	Adani CMA Mundra Terminal (ACMTTL)
<b>AHPPL</b>	Adani Hazira Port Private Limited (AHPPL)
<b>AICT</b>	Adani International Container Terminal (AICT)
<b>AMCT</b>	Adani Mundra Container Terminal (AMCT)
<b>BMCT</b>	Bharat Mumbai Container Terminals(PSA)
<b>CCTL</b>	Chennai Container Terminal Pvt. Ltd. (CCTL)
<b>CITPL</b>	Chennai International Terminals Pvt Ltd (CITPL)
<b>DBGT</b>	Dakshin Bharat Gateway Terminal (DBGT)
<b>GTI</b>	Gateway Terminals India (GTI)
<b>HICT</b>	Haldia International Container Terminal (HICT)
<b>KICT</b>	Kandla International Container Terminal (KICT)
<b>ICTT</b>	International Container Transshipment Terminal, Kochi
<b>JNPCT</b>	Jawaharlal Nehru Port Container Terminal (JNPCT)
<b>AKPPL</b>	Kattupalli International Container Terminal (KICT)
<b>KDS</b>	Kolkata Dock System (KDS)
<b>MICT</b>	Mundra International Container Terminal (MICT)
<b>NCT</b>	Navayuga Container Terminal (NCT)
<b>NSIGT</b>	Nhava Sheva India Gateway Terminal (NSIGT)
<b>NSICT</b>	Nhava Sheva International Container Terminal (NSICT)
<b>PSA - SICAL</b>	PSA SICAL Terminals
<b>VCTPL</b>	Visakha Container Terminal
<b>NMPT</b>	New Mangalore Port Trust Terminal

## List of CFS name used in CFS Performance Index

1	Century Plyboards CFS, JJP	KOLKATA	23	ALS Tuticorin Terminal Private Limited	TUTICORIN	44	JWC Logistics Park CFS	Mumbai
2	Sravan CFS-1	VISAKHAPATNAM	24	Kerry Indev Logistics ICD, Kanchipuram	Chennai	45	Punjab Conware CFS, Navi Mumbai	Mumbai
3	VPL Integral CFS	VISAKHAPATNAM	25	Gateway Distriparks CFS, Chennai	Chennai	46	Mundhra CFS, Mundra	Gujarat
4	Gateway East India CFS	VISAKHAPATNAM	26	Kailash Shipping Services CFS, Chennai	Chennai	47	International Cargo Terminal CFS	Mumbai
5	Allcargo Logistics CFS	KOLKATA	27	Sudharsan Logistics CFS, Chennai	Chennai	48	Navkar Corporation Yard 3 CFS, Panvel	Mumbai
6	Sravan CFS-2	VISAKHAPATNAM	28	Sattva Cfs And Logistics CFS, Chennai	Chennai	49	Hind Mundra Terminals CFS, Mundra	Gujarat
7	Phonex CFS	KOLKATA	29	Transworld Terminals Private Limited	TUTICORIN	50	Continental Warehousing CFS, Navi Mumbai	Mumbai
8	VCT CFS	VISAKHAPATNAM	30	Continental Warehousing Corporation CFS (Nhava Seva), Tiruvallur	Chennai	51	EFC Logistics India	Mumbai
9	A L Logistics CFS	HALDIA	31	Sanco Trans CFS, Chennai	Chennai	52	Navkar Corporation Yard 2 CFS, Panvel	Mumbai
10	Ralson Petro Chemicals CFS	HALDIA	32	Gateway Distripark CFS, Krishnapatnam	KRISHNAPATNAM	53	Ashte Logistics CFS, Panvel	Mumbai
11	Seabird CFS, Krishnapatnam	KRISHNAPATNAM	33	Hari CFS	TUTICORIN	54	Dronagiri Rail Terminal CFS, Navi Mumbai	Mumbai
12	Sical CFS, Chennai Tiruvallur Tamil Nadu	Chennai	34	Triway CFS, Chennai	Chennai	55	Seabird CFS, Hazira	Gujarat
13	Concor CFS, Chennai	Chennai	35	Adani CFS, Hazira	Gujarat	56	Landmark CFS, Mundra	Gujarat
14	Allcargo Global Logistics CFS, Chennai	Chennai	36	Saurashtra CFS, Mundra	Gujarat	57	TG Terminals CFS, Mundra	Gujarat
15	Adani CFS, Kattupalli Tiruvallur Tamil Nadu	Chennai	37	MICT CFS, Mundra	Gujarat	58	CWC Hind Terminal CFS, Navi Mumbai	Mumbai
16	Continental Warehousing Corporation Nhava Sheva Ltd.	TUTICORIN	38	CWC CFS, Mundra	Gujarat	59	Seabird CFS, Mundra	Gujarat
17	A S Shipping Agencies CFS, Tiruvallur	Chennai	39	Ashutosh CFS, Mundra	Gujarat	60	Apollo Logisolutions CFS, Panvel	Mumbai
18	Prompt Terminals (P) Ltd	TUTICORIN	40	Speedy Multimode CFS, JNPT	Mumbai	61	Maharashtra State Corp CFS	Mumbai
19	Balmer Lawrie CFS, Chennai	Chennai	41	Honey Comb CFS, Mundra	Gujarat	62	Sarveshwar CFS	Mumbai
20	Chola Logistiks Pvt Ltd	TUTICORIN	42	Ameya Logistics CFS, Navi Mumbai	Mumbai	63	International Cargo Terminals (ULA) CFS, Navi Mumbai	Mumbai
21	St. John Freight Systems Ltd. - ICD Division	TUTICORIN	43	JWR CFS	Mumbai	64	Transworld CFS, Mundra	Gujarat
22	Raja Agencies CFS	TUTICORIN						

## List of CFS name used in CFS Performance Index

1	Adani CFS, Hazira	16	Ashte Logistics CFS, Panvel
2	Ashutosh CFS, Mundra	17	Continental Warehousing CFS, Navi Mumbai
3	CWC CFS, Mundra	18	CWC Hind Terminal CFS, Navi Mumbai
4	Hind Mundra Terminals CFS, Mundra	19	Dronagiri Rail Terminal CFS, Navi Mumbai
5	Honey Comb CFS, Mundra	20	EFC Logistics India
6	Landmark CFS, Mundra	21	International Cargo Terminal CFS
7	MICT CFS, Mundra	22	International Cargo Terminals (ULA) CFS, Navi Mumbai
8	Mundhra CFS, Mundra	23	JWC Logistics Park CFS
9	Saurashtra CFS, Mundra	24	JWR CFS
10	Seabird CFS, Hazira	25	Maharashtra State Corp CFS
11	Seabird CFS, Mundra	26	Navkar Corporation Yard 2 CFS, Panvel
12	TG Terminals CFS, Mundra	27	Navkar Corporation Yard 3 CFS, Panvel
13	Transworld CFS, Mundra	28	Punjab Conware CFS, Navi Mumbai
14	Ameya Logistics CFS, Navi Mumbai	29	Sarveshwar CFS
15	Apollo Logisolutions CFS, Panvel	30	Speedy Multimode CFS, JNPT

## 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	A S Shipping Agencies CFS, Tiruvallur	13	Kailash Shipping Services CFS, Chennai
2	Adani CFS, Kattupalli Tiruvallur Tamil Nadu	14	Kerry Indev Logistics ICD, Kanchipuram
3	Allcargo Global Logistics CFS, Chennai	15	Prompt Terminals (P) Ltd
4	ALS Tuticorin Terminal Private Limited	16	Raja Agencies CFS
5	Balmer Lawrie CFS, Chennai	17	Sanco Trans CFS, Chennai
6	Chola Logistiks Pvt Ltd	18	Sattva Cfs And Logistics CFS, Chennai
7	Concor CFS, Chennai	19	Seabird CFS, Krishnapatnam
8	Continental Warehousing Corporation CFS (Nhava Seva), Tiruvallur	20	Sical CFS, Chennai Tiruvallur Tamil Nadu
9	Continental Warehousing Corporation Nhava Sheva Ltd.	21	St. John Freight Systems Ltd. - ICD Division
10	Gateway Distripark CFS, Krishnapatnam	22	Sudharsan Logistics CFS, Chennai
11	Gateway Distriparks CFS, Chennai	23	Transworld Terminals Private Limited
12	Hari CFS	24	Triway CFS, Chennai

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

1	A L Logistics CFS
2	Allcargo Logistics CFS
3	Century Plyboards CFS, JJP
4	Gateway East India CFS
5	Phonex CFS
6	Ralson Petro Chemicals CFS
7	Sravan CFS-1
8	Sravan CFS-2
9	VCT CFS
10	VPL Integral CFS





# THANK YOU