

Logistics Databank Analytics Report- May 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: May 2021 (Dwell Time)

Gujarat Region

Import	Export
36.4 hrs	136.7 hrs

Mumbai Region

Import	Export
19.5 hrs	81.6 hrs

Kochi Region

Import	Export
42.4 hrs	101.5 hrs

Tuticorin Region

Import	Export
22.8 hrs	60.3 hrs

Kolkata Region

Import	Export
36.8 hrs	133.9 hrs

Vishakhapatnam Region

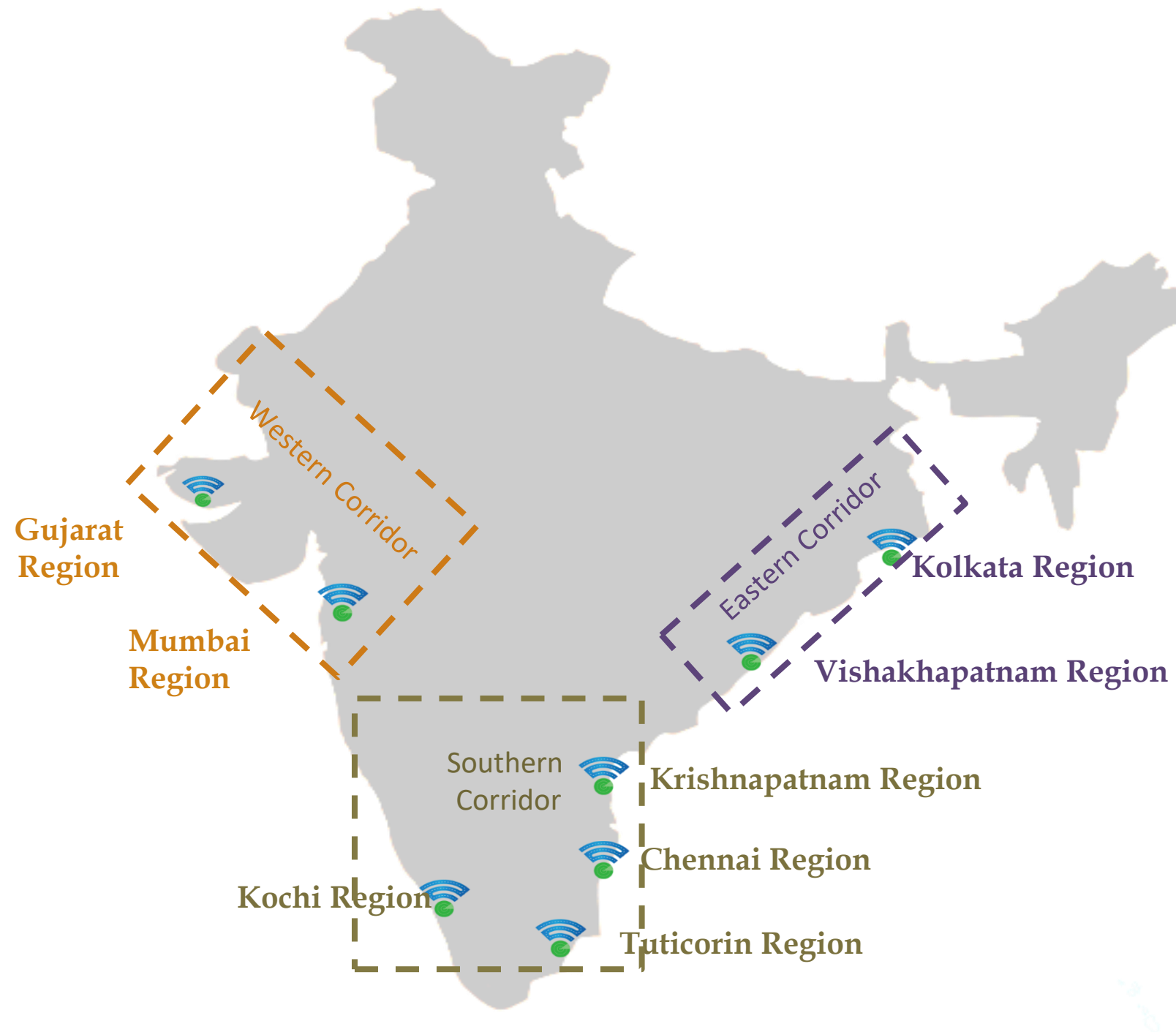
Import	Export
74.4 hrs	131.5 hrs

Krishnapatnam Region

Import	Export
82.4 hrs	71.9 hrs

Chennai Region

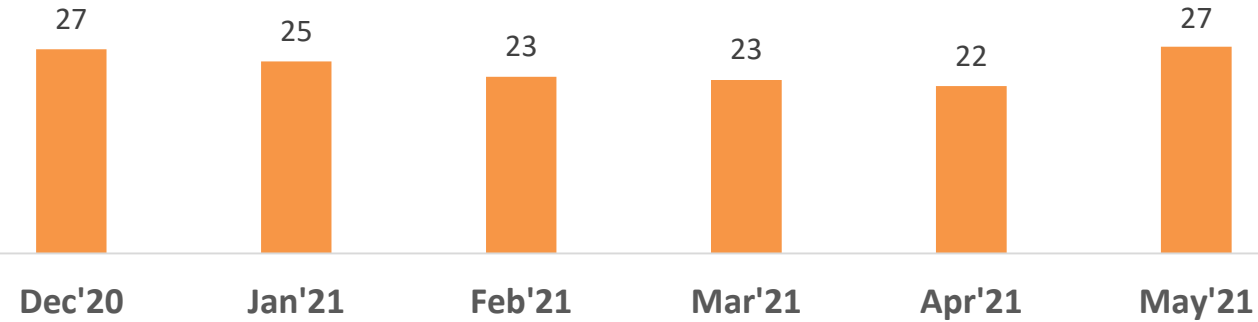
Import	Export
49.9 hrs	98.7 hrs



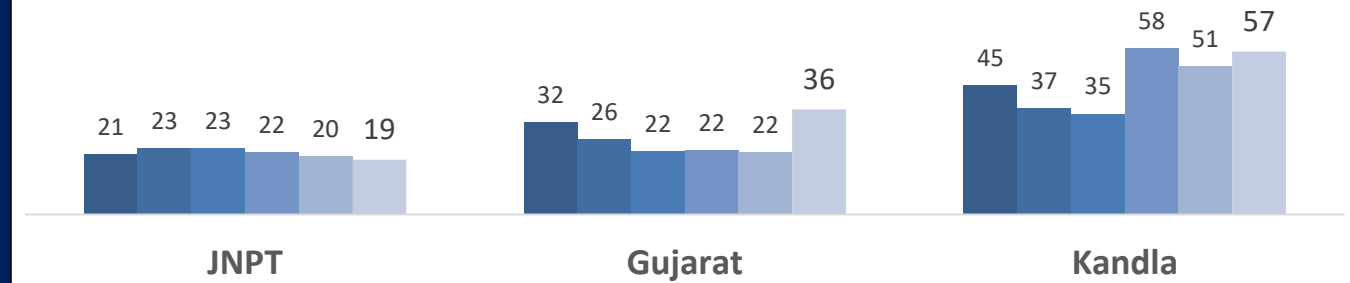
Port Dwell Time Performance – Western Corridor (Import Cycle)

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

Western Corridor

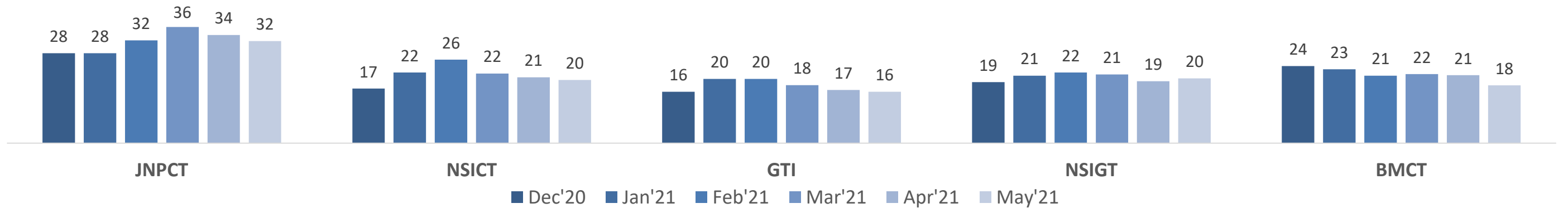


Port - Wise

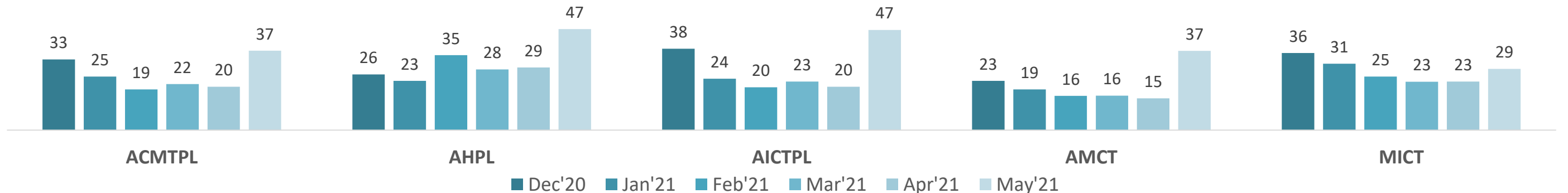


Above chart depicts the Ports performance for the duration of last six months

JNPT - Terminal



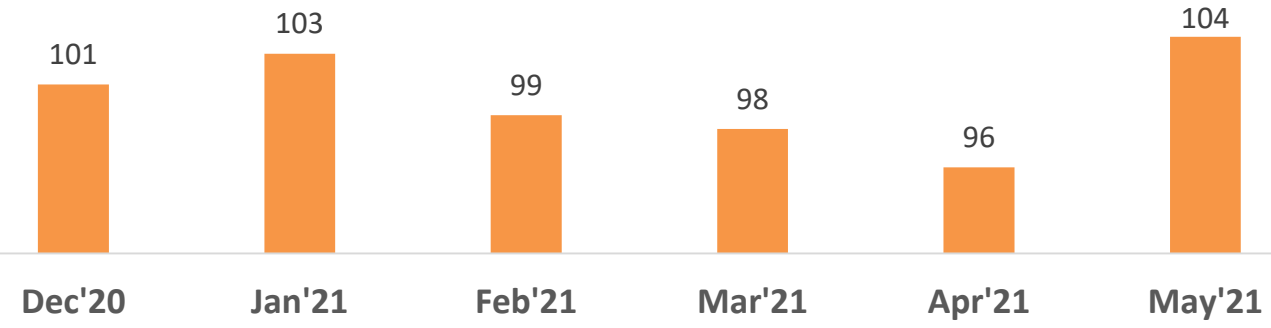
Gujarat - Terminal



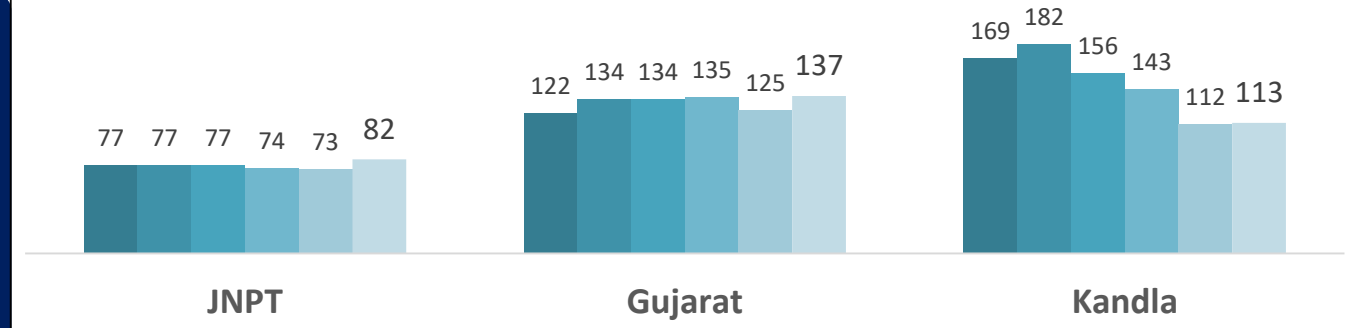
Port Dwell Time Performance – Western Corridor (Export Cycle)

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

Western Corridor

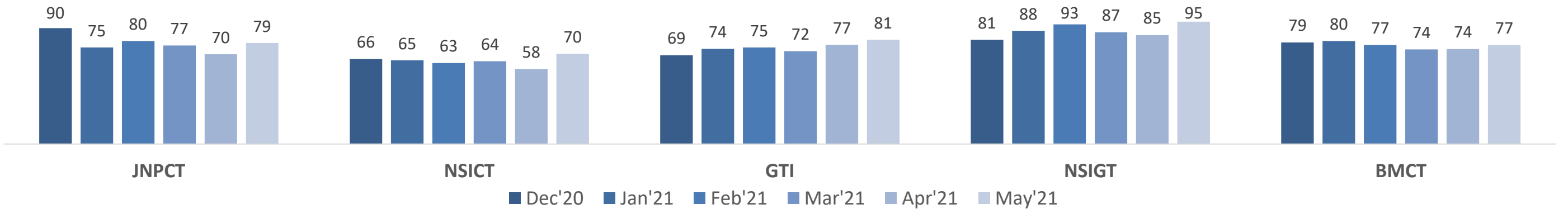


Port - Wise

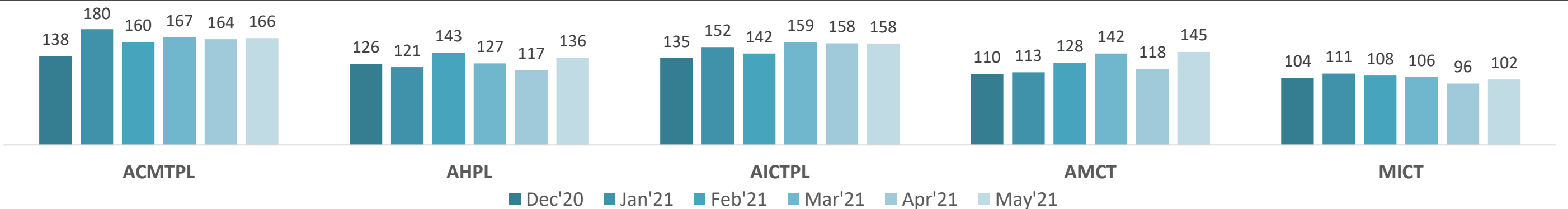


Above chart depicts the Ports performance for the duration of last six months

JNPT - Terminal



Gujarat - Terminal



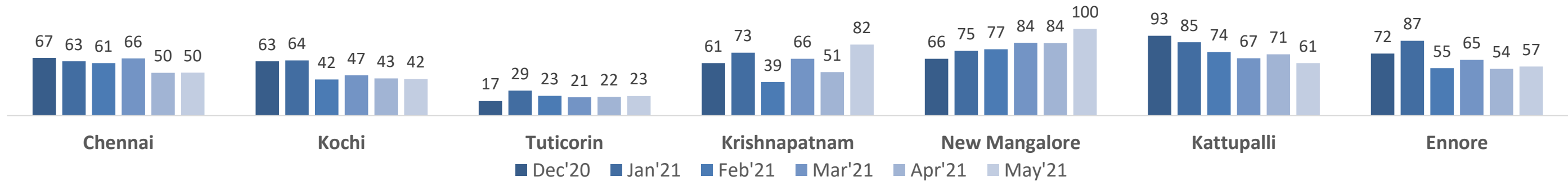
Port Dwell Time Performance – Southern Corridor (Import Cycle)

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

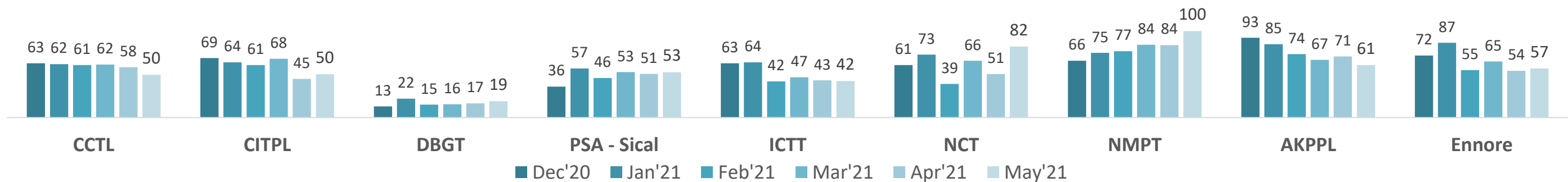
Southern Corridor



Port - Wise



Terminal - Wise



Port Dwell Time Performance – Southern Corridor (Export Cycle)

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

Southern Corridor

115

Dec'20

87

Jan'21

82

Feb'21

77

Mar'21

77

Apr'21

89

May'21

Port - Wise

120

Chennai

141

Kochi

90

Tuticorin

83

Krishnapatnam

147

New Mangalore

118

Kattupalli

117

133

129

116

135

106

90

98

90

93

Ennore

96

83

90

84

99

102

Dec'20 Jan'21 Feb'21 Mar'21 Apr'21 May'21

Terminal - Wise

165

CCTL

106

CITPL

95

DBGT

81

PSA - Sical

141

ICTT

83

NCT

147

NMPT

118

AKPPL

117

133

129

116

135

Ennore

106

90

98

90

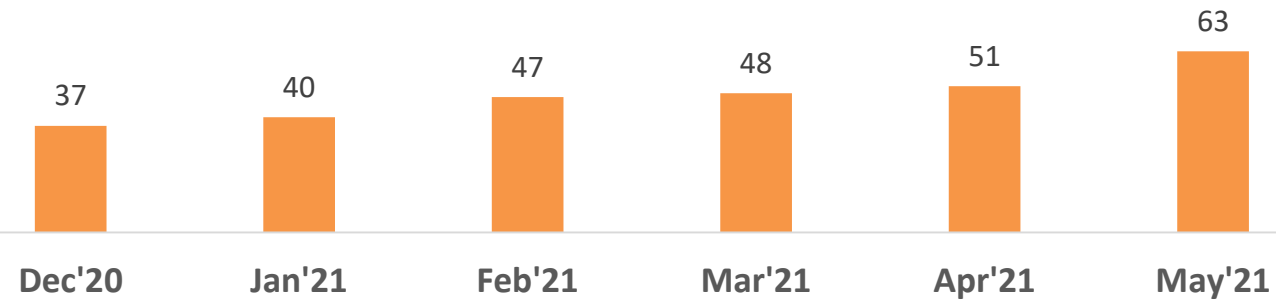
93

Dec'20 Jan'21 Feb'21 Mar'21 Apr'21 May'21

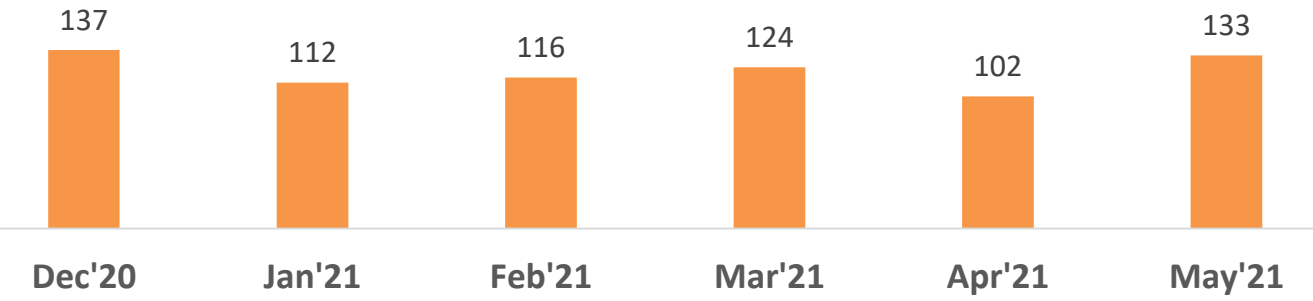
Port Dwell Time Performance – Eastern Corridor

Import Cycle (in hrs)

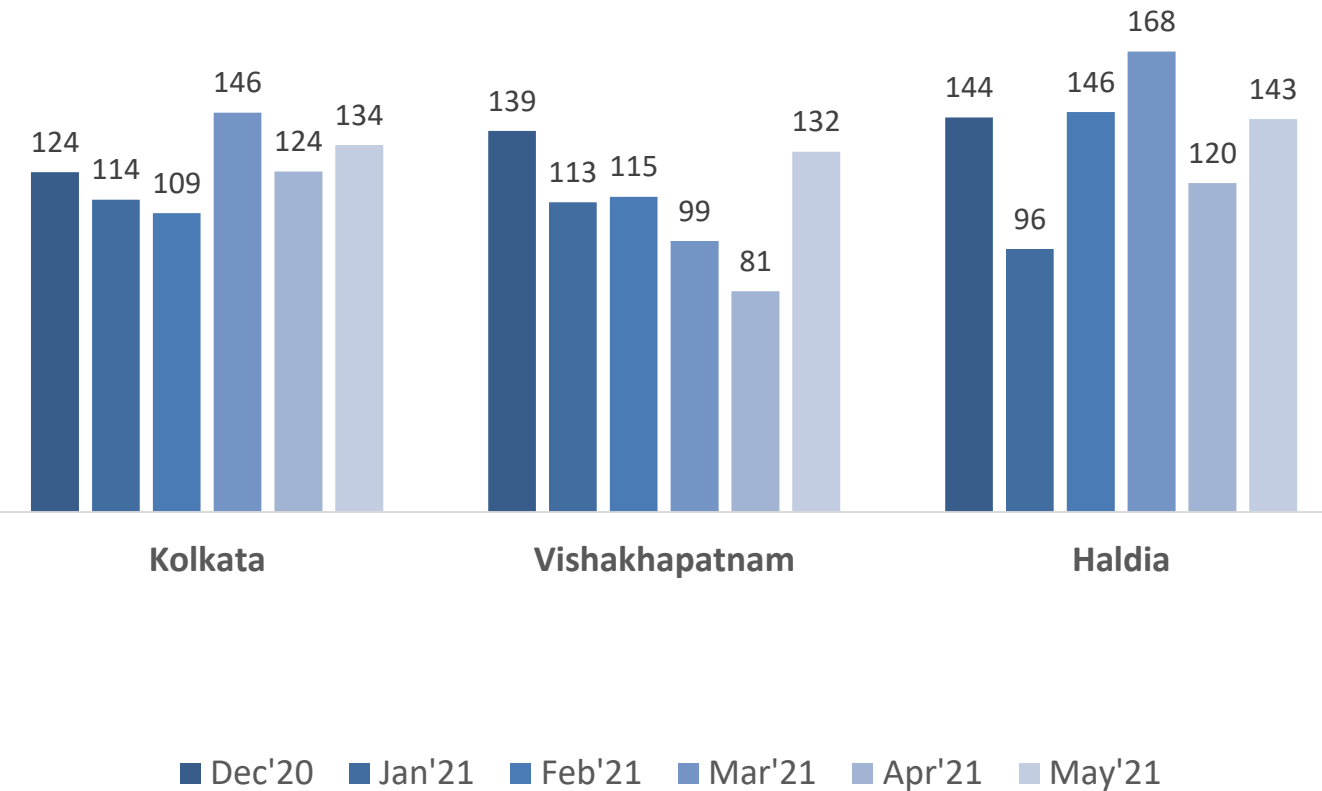
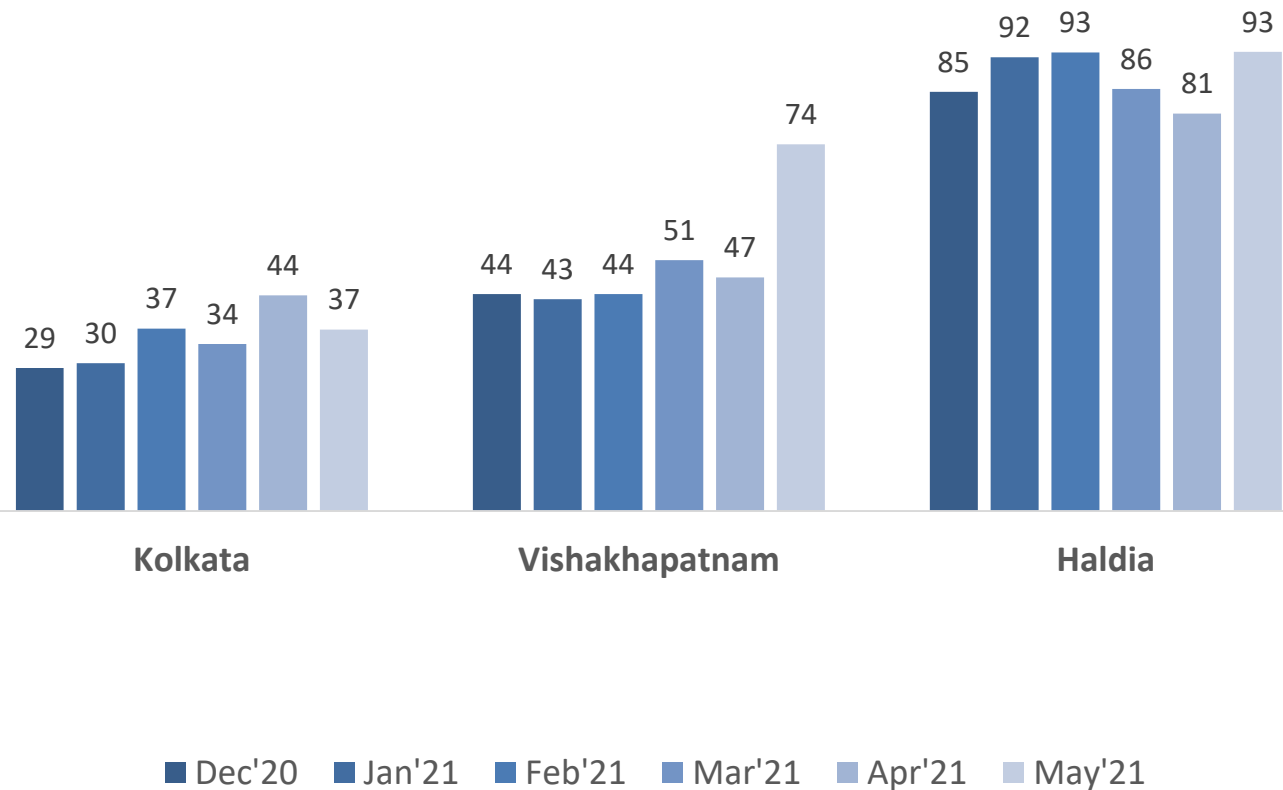
Eastern Corridor



Export Cycle (in hrs)







Port - Wise



Western Corridor

- The Overall container handling performance in Western Corridor in both Import & Export Cycle has deteriorated by 23% & 9%.
- The container handling performance at CFS has improved by 1%. Also, ICD performance has improved by 3.5%.

Month	Import cycle - Dwell Time	Export cycle - Dwell Time	CFS Dwell Time	ICD Dwell Time
May'21	26.9 hrs 	104.1 hrs 	93.0 hrs 	130.9 hrs 
Apr'21	21.8 hrs	95.7 hrs	93.8 hrs	135.7 hrs

Southern Corridor

- The Overall container handling performance in Southern Corridor in Import Cycle has deteriorated by 2% & in Export Cycle has deteriorated by 16%.
- The container handling performance at CFS has improved by 1.2%

Month	Import cycle - Dwell Time	Export cycle - Dwell Time	CFS Dwell Time
May'21	45.5 hrs 	89.1 hrs 	107.8 hrs 
Apr'21	44.8 hrs	76.6 hrs	109.1 hrs

Eastern Corridor

- The Overall container handling performance in Eastern Corridor in both Import and Export Cycle has deteriorated by 24% & 31% .
- The container handling performance at CFS has improved by 3.9%

Month	Import Cycle - Dwell Time	Export Cycle - Dwell Time	CFS Dwell Time
May'21	62.9 hrs 	132.7 hrs 	125.2 hrs 
Apr'21	50.8 hrs	101.5 hrs	130.3 hrs

IMPORT CYCLE

Below analysis depicts the average custom process duration for containers in PAN India for the respective month in import cycle

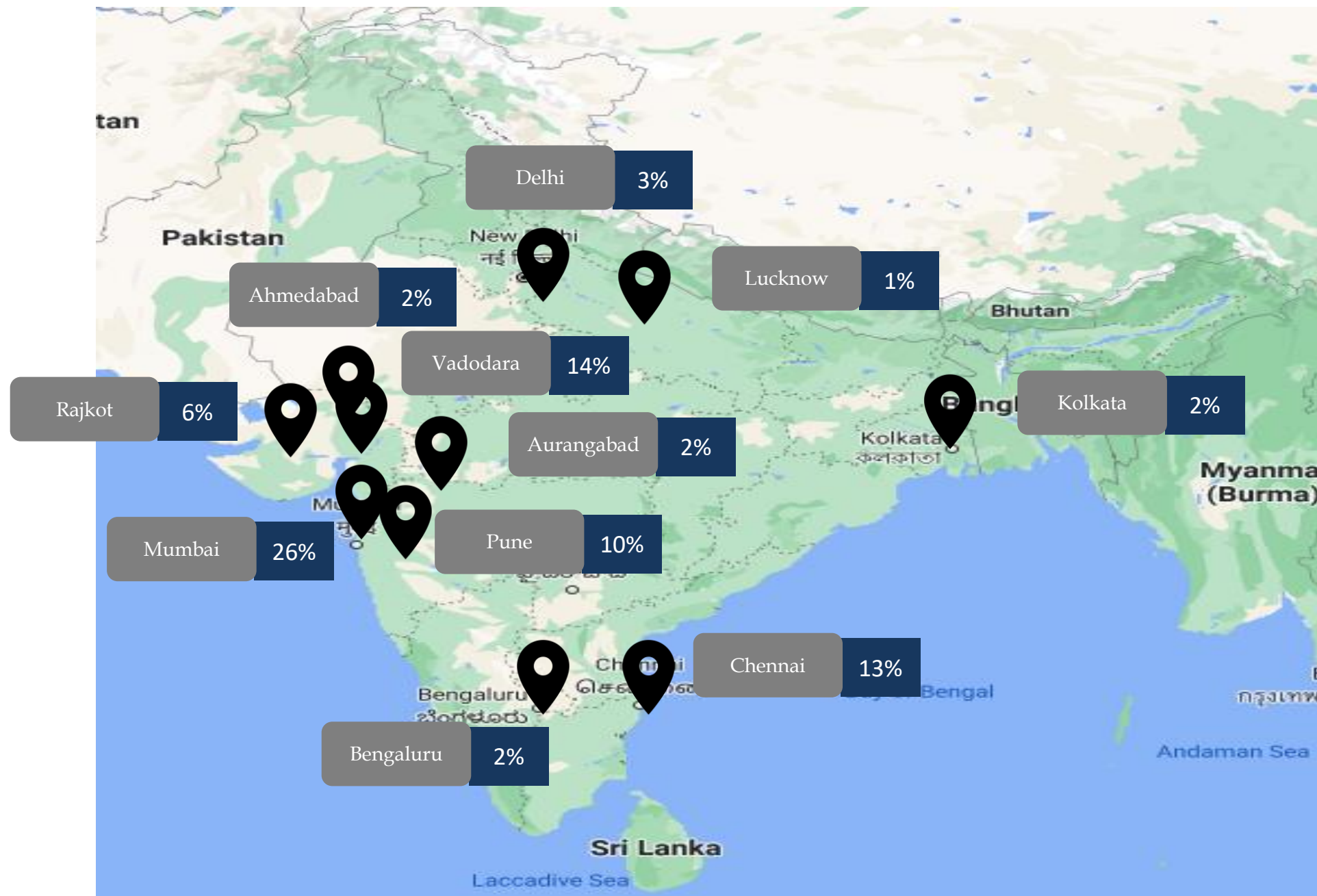
Custom process duration analysis is the average time taken for a container to gets its OCC(custom clearance date) from the moment it lands on the Port

Custom process duration analysis = (Customer clearance date (OCC) - Port IN)

PAN India Overall (Import Cycle)	
Month	Custom process duration analysis (in Days)
May'21	10.0 Days

Custom Process Data Heat Map Analysis: Import

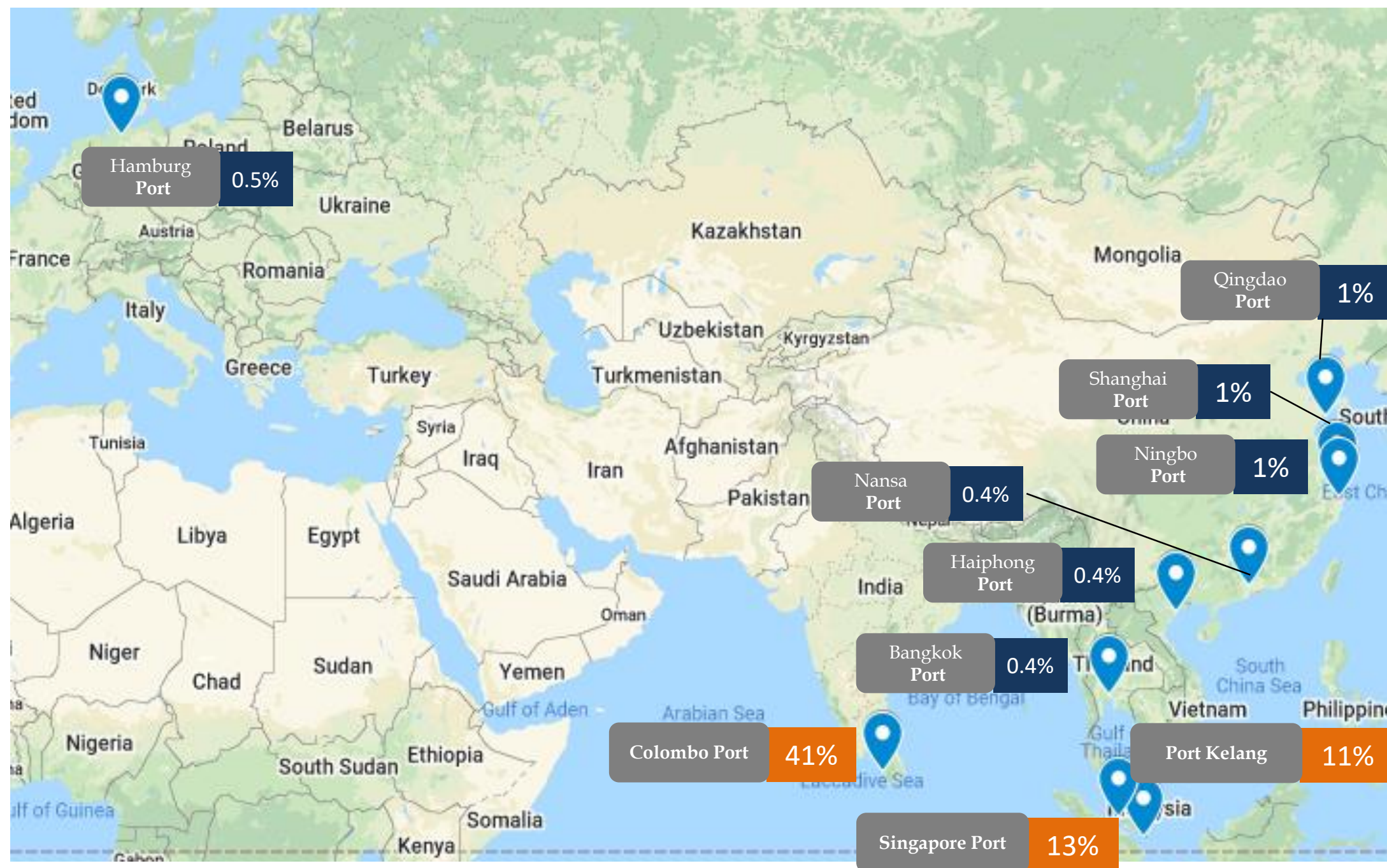
Below Heat Map depicts the Destination of containers in import cycle.



Month of May'21	
Import Destination	Traffic (in %)
Mumbai	26%
Vadodara	14%
Pune	10%
Chennai	13%
Rajkot	6%
Ahmedabad	2%
Bengaluru	2%
Delhi	3%
Aurangabad	2%
Lucknow	1%
Kolkata	2%
Others	19%

Vessel Heat Map analysis: Export

Below Heat Map depicts the export destinations of containers from India

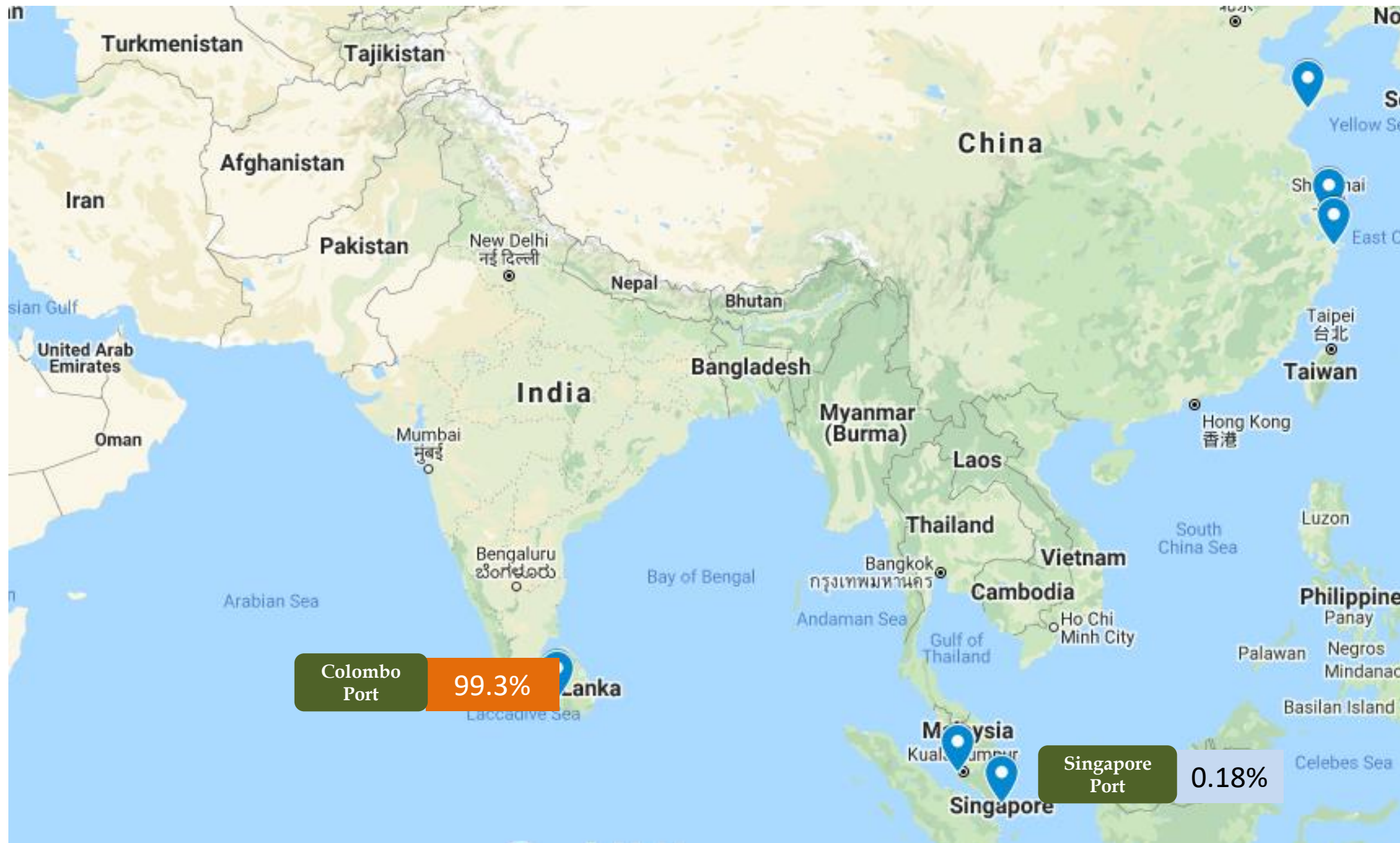


Month of May'21	
Import Cycle Origin	Volume (in %)
Singapore Port	13%
Colombo	41%
Shanghai	1%
Port Kelang	11%
Bangkok	0.4%
Qingdao	1%
Haiphong	0.4%
Ningbo	1%
Nansha	0.4%
Hamburg	0.5%
Others	30%

Port kelang and klang are depicted at common loc

Vessel Heat Map analysis: Import

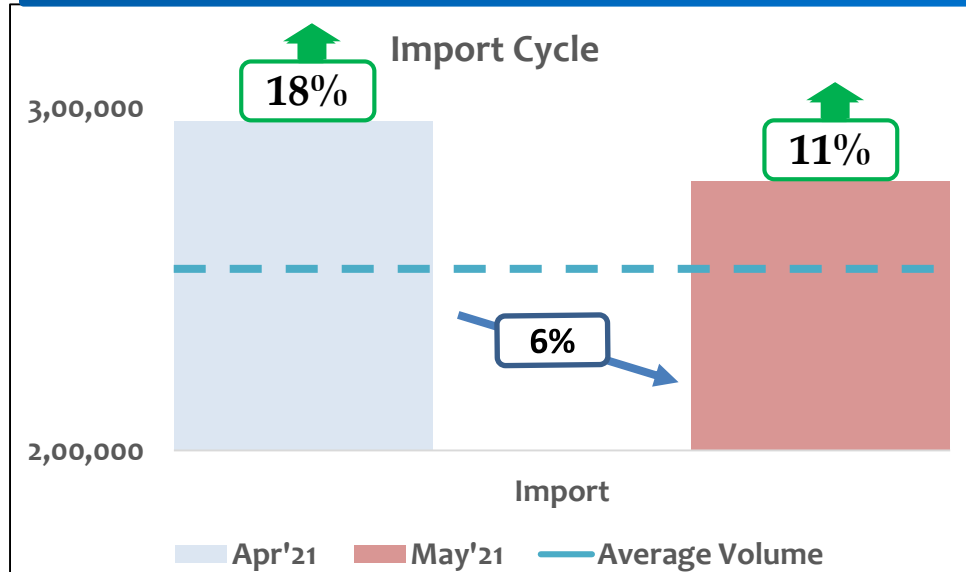
Below Heat Map depicts the Origin of containers in import cycle for India



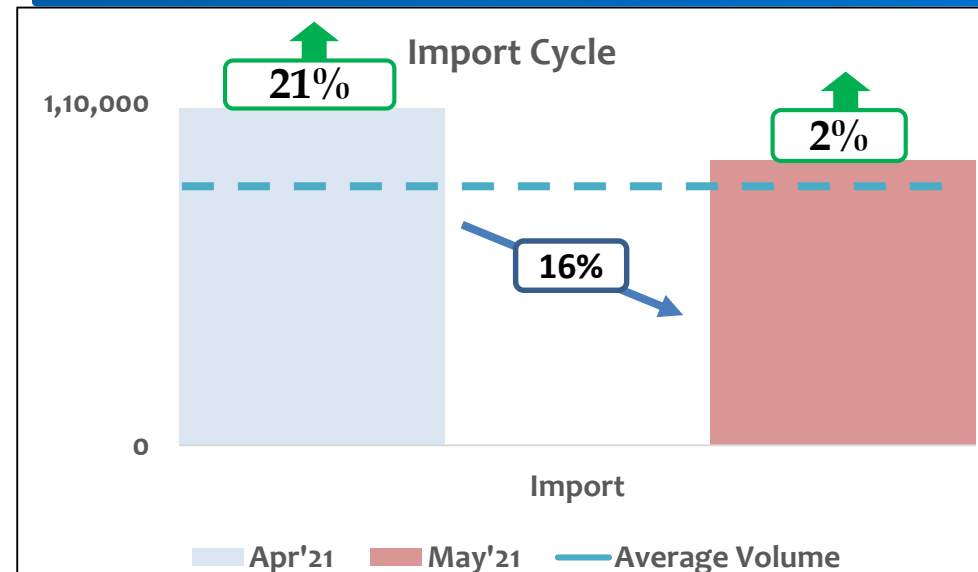
Month of May'21	
Import cycle Origin	Volume (in %)
Colombo	99.3%
Singapore Port	0.18%
Others	0.52%

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

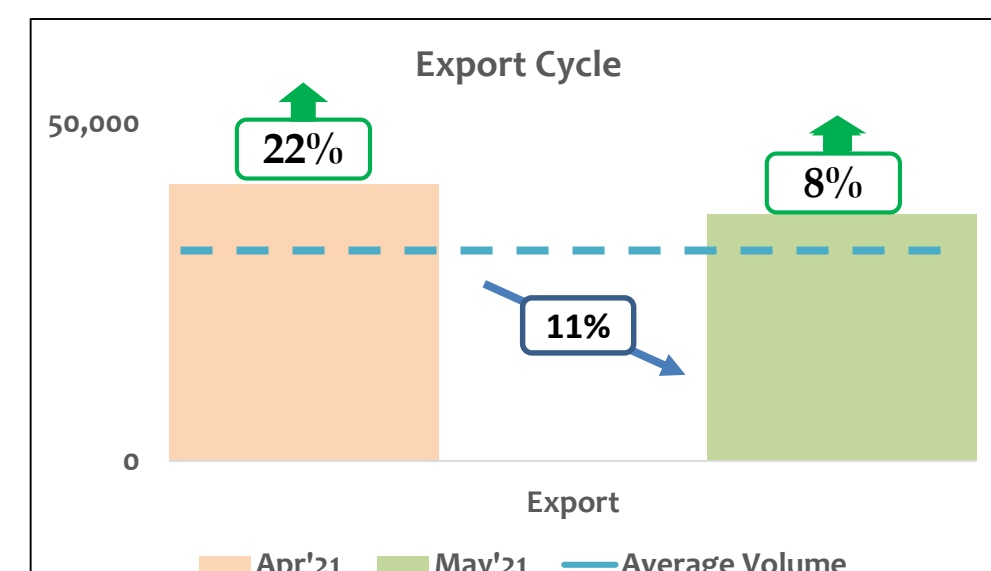
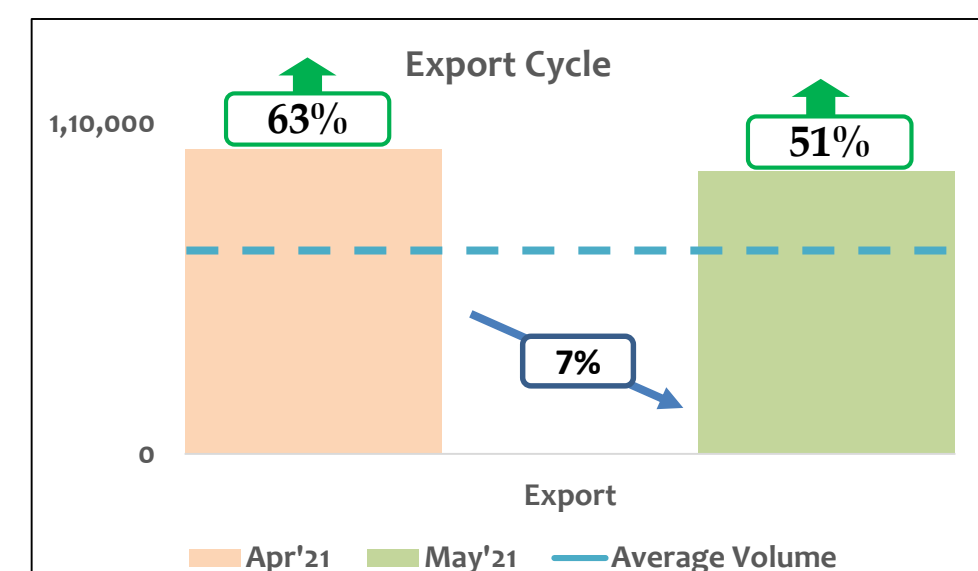
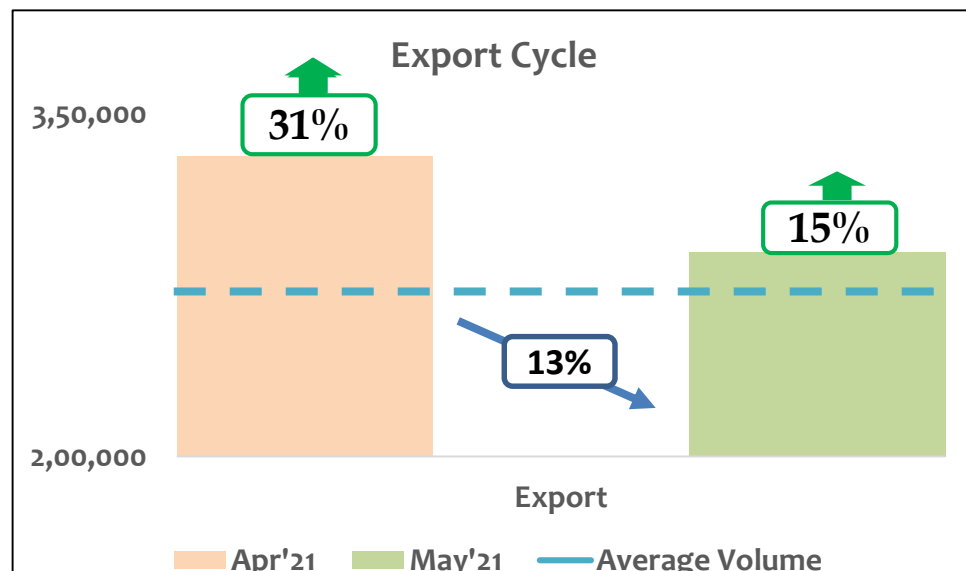
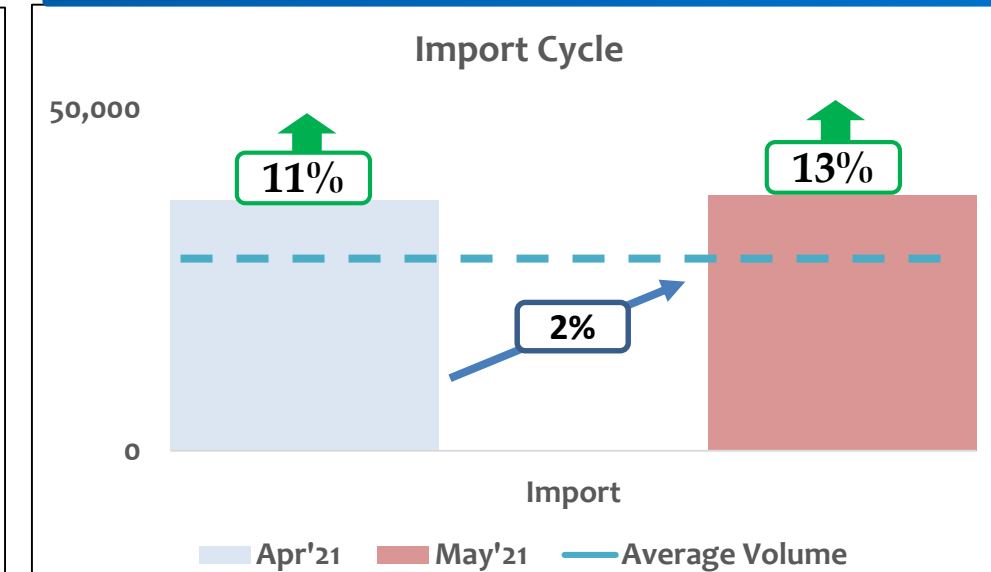
Western Corridor



Southern Corridor



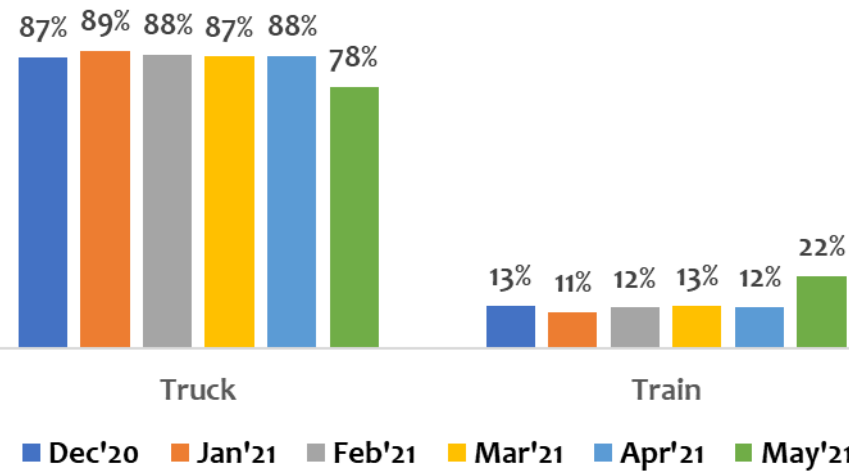
Eastern Corridor



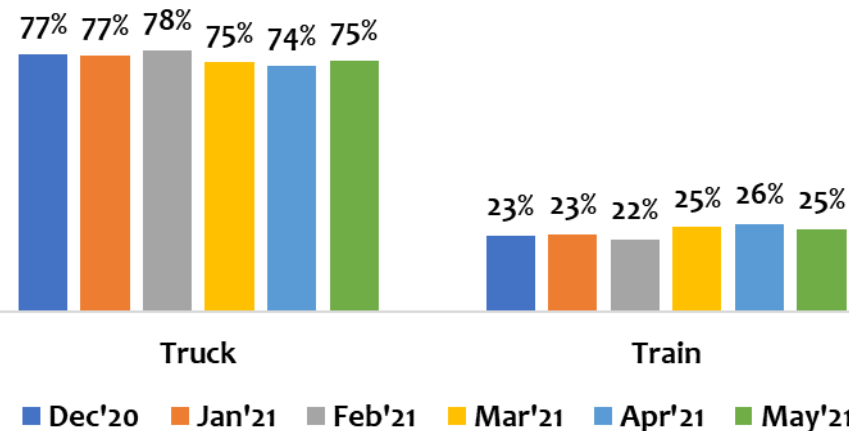
Below table depicts the volume % share of Truck & Train and impact of Covid-19 on the Traffic movements and the difficulty of road movements during the lockdown

Western Corridor

Import Cycle

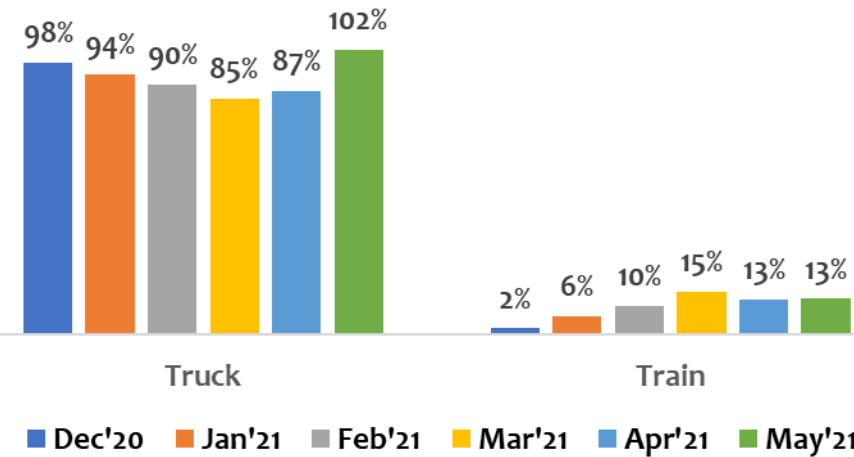


Export Cycle

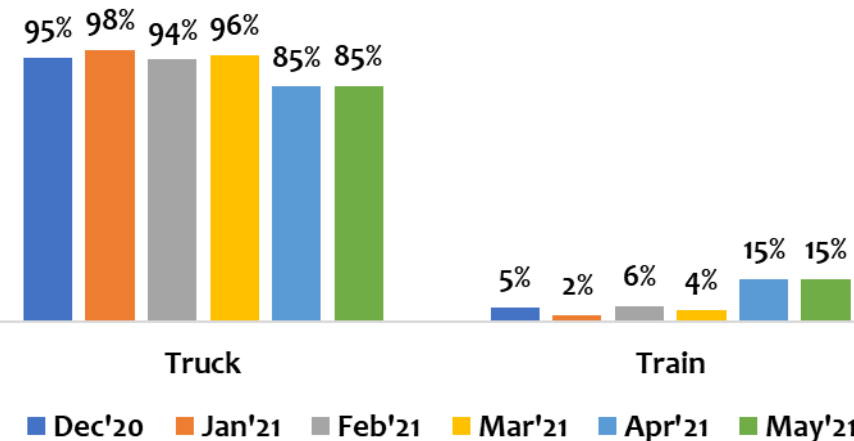


Southern Corridor

Import Cycle

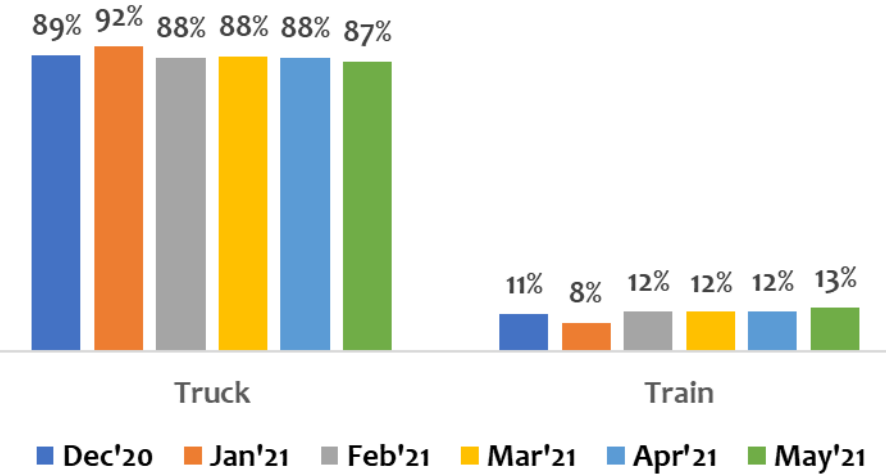


Export Cycle

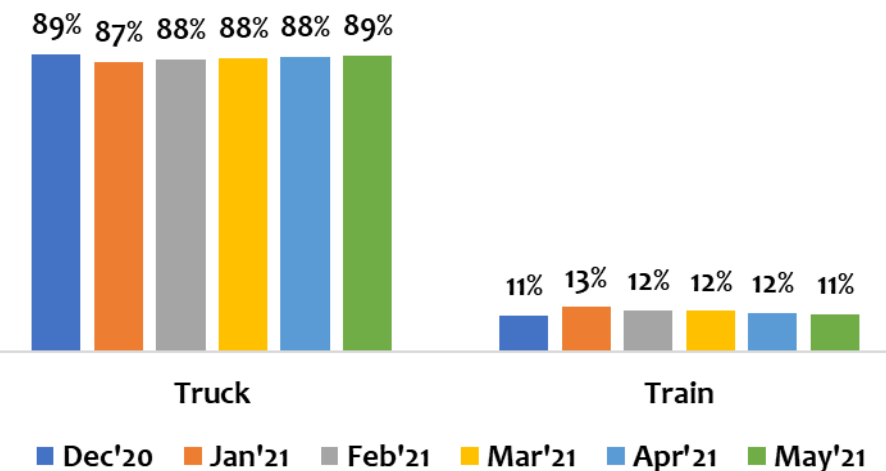


Eastern Corridor

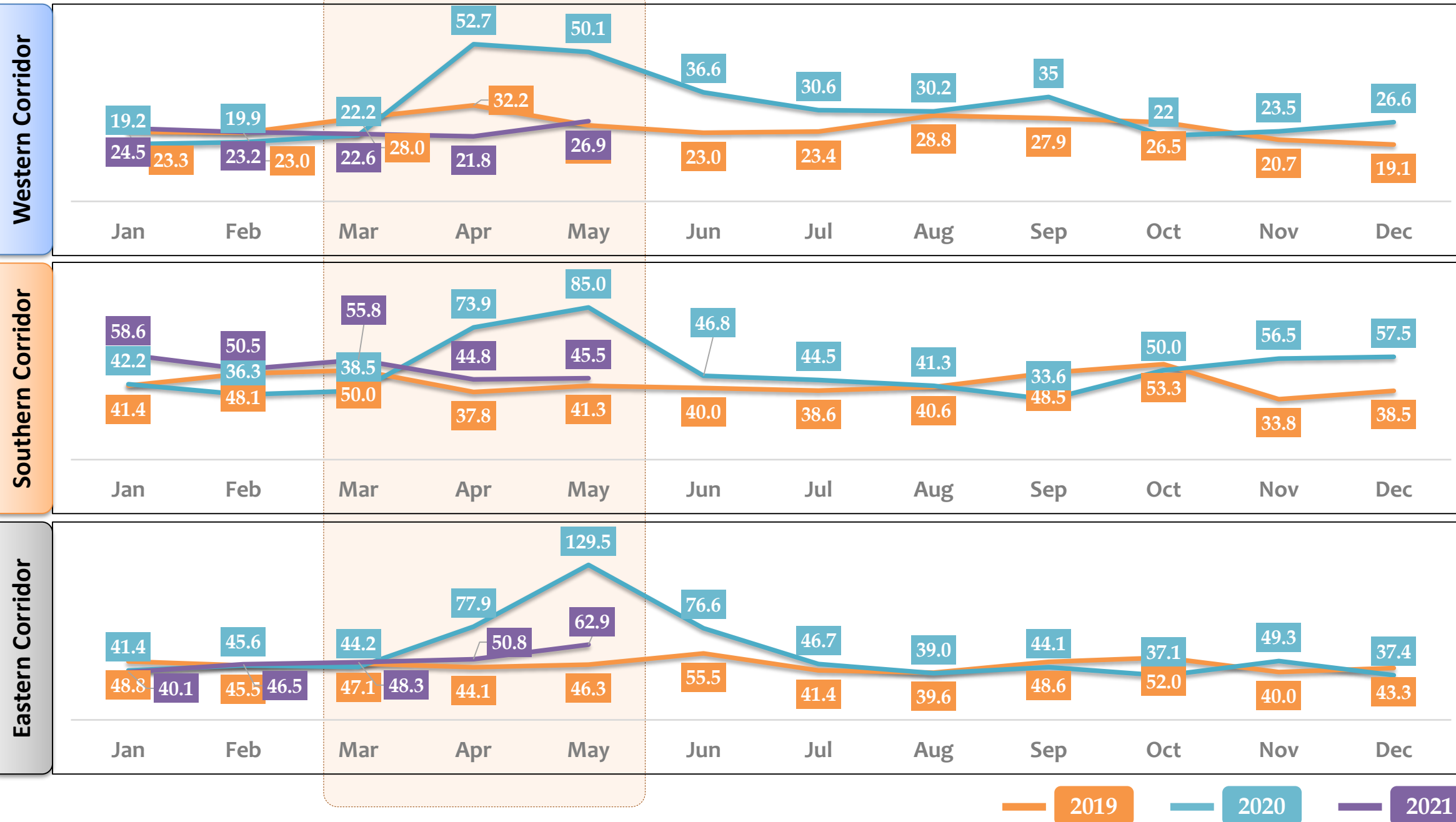
Import Cycle



Export Cycle



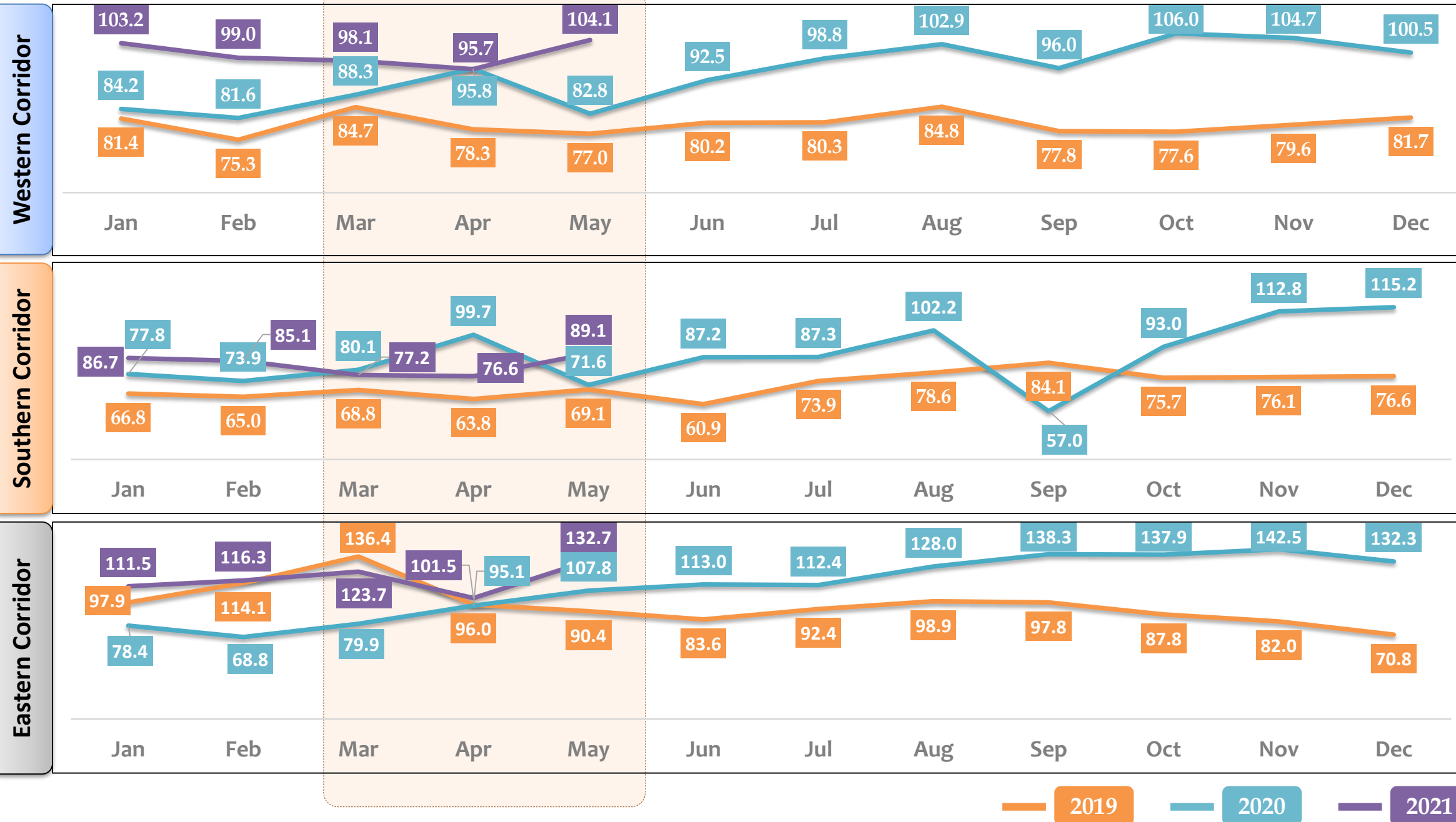
Import Cycle – Dwell Time Performance (in hrs)



Observation –

It has been observed that dwell time for all the regions has decreased in the 2nd wave as compared to the 1st wave but still it hasn't reached to the normal dwell time. However, it is still in the ongoing stage and is expected to be on a lower side in the upcoming period as well.

Export Cycle – Dwell Time Performance (in hrs)



Observation –

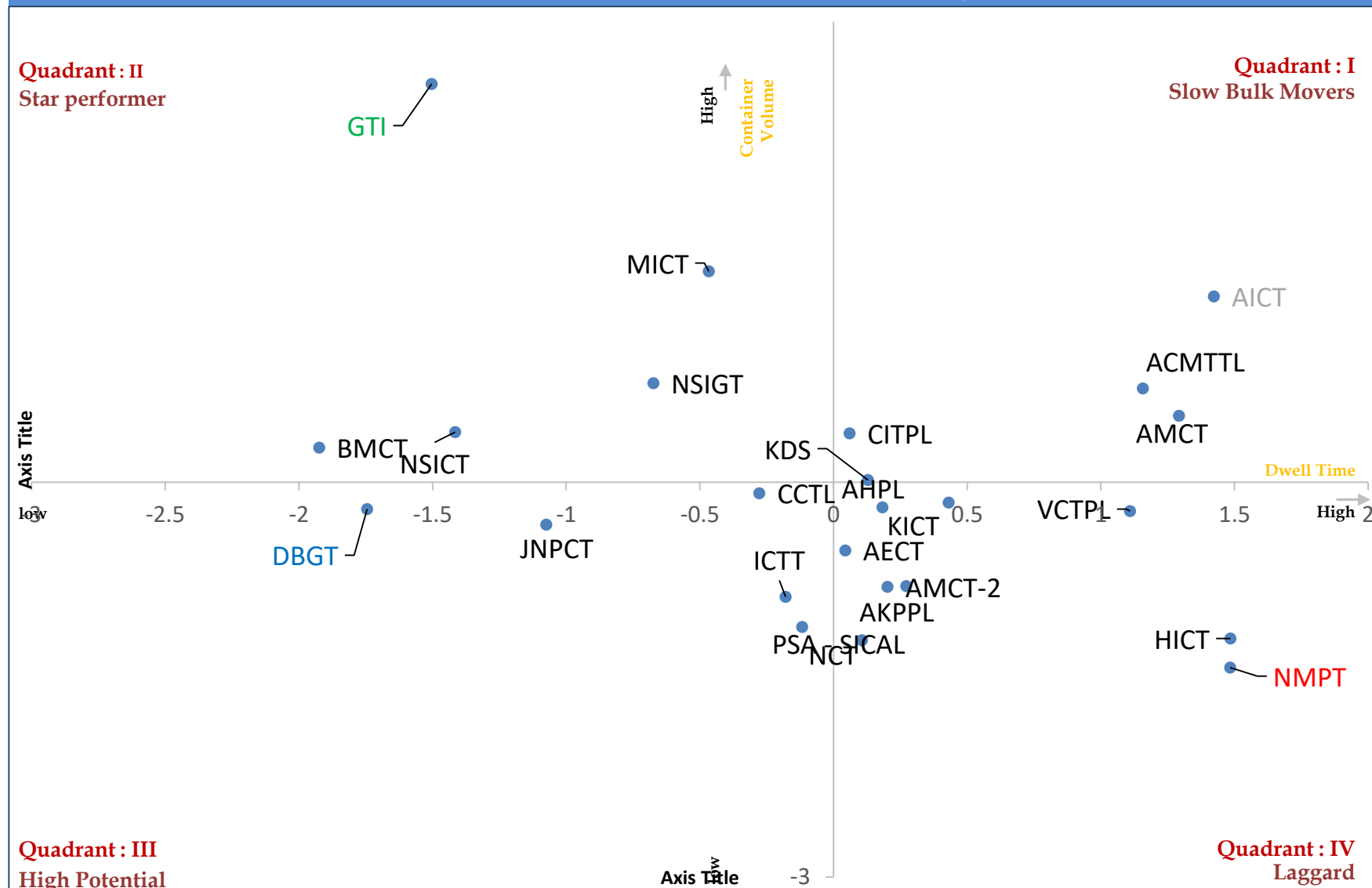
It has been observed that dwell time for all the regions has increased in the 2nd wave as compared to the 1st wave. Also, It is been increasing post lockdown in 2020 and is been stagnant after it.



Performance Benchmarking - Port Terminals

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

Port Terminal Performance Index - May'21



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

Top Performing Terminal

Gateway Terminals India (GTI)

Apr'21	May'21
37.7 Hrs	39.2 Hrs.



Low Performing Terminal

New Mangalore Port Trust (NMPT)

Apr'21	May'21
103.9 Hrs	107.7 Hrs



Note: The performance benchmarking is based on performance index



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

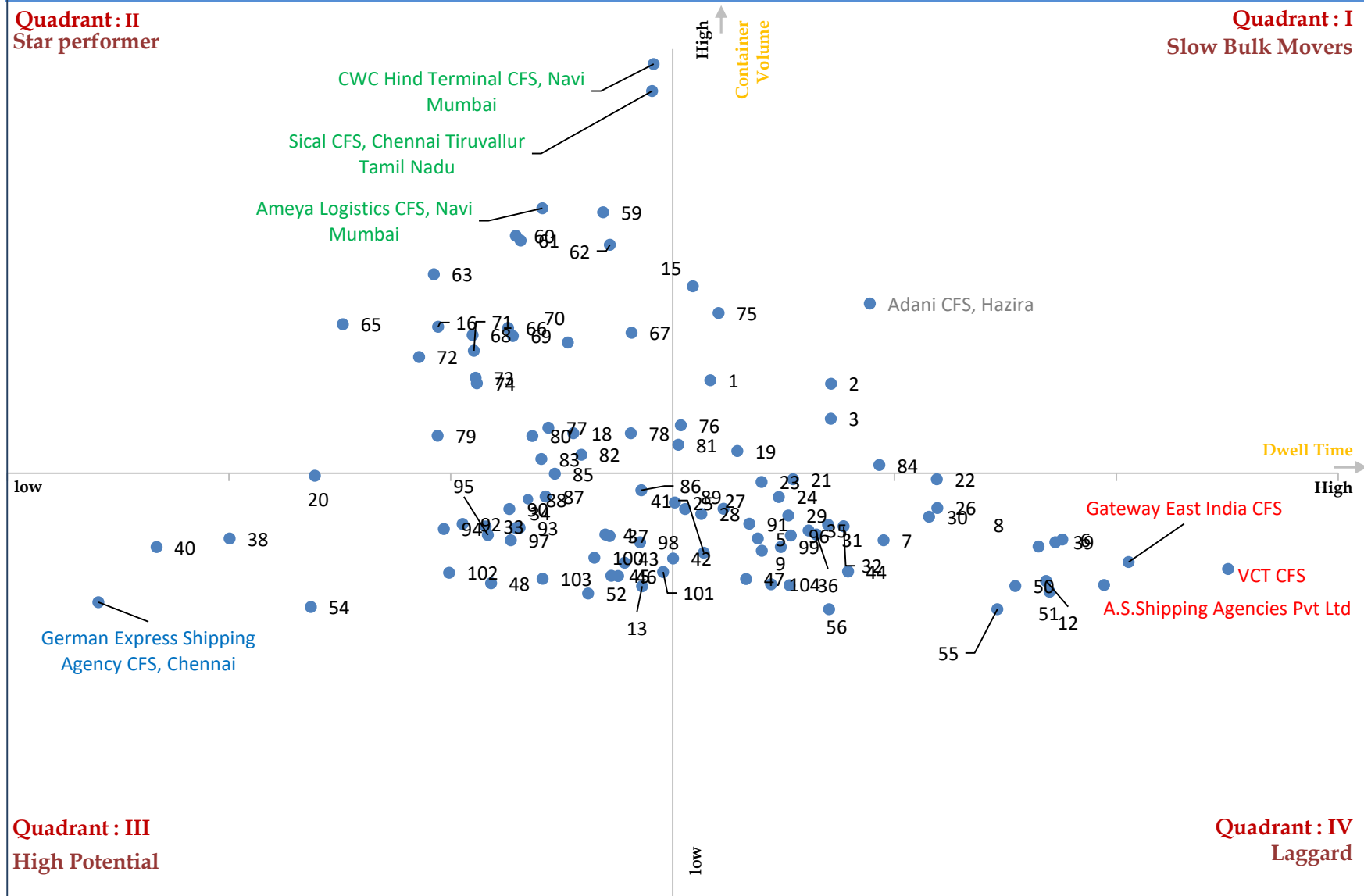
High Potential : consist of entities which have catered relatively lower container volume in lower dwell time

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

Performance Benchmarking - CFSs

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

CFS Terminal Performance Index - May'21



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

Top Three Performing CFSs

CFS Name	Apr'21	May'21
CWC Hind Terminal CFS, Navi Mumbai	99.0 hrs	102.7 hrs ↓
Sical CFS, Chennai Tiruvallur Tamil Nadu	99.9 hrs	102.5 hrs ↓
Ameya Logistics CFS, Navi Mumbai	98.7 hrs	88.5 hrs ↑

Bottom Three Performing CFSs

CFS Name	Apr'21	May'21
VCT CFS	146.6 hrs	176.0 hrs ↑
Gateway East India CFS	135.8 hrs	163.3 hrs ↓
A.S. Shipping Agencies Pvt. Ltd.	105.3 hrs	160.2 hrs ↓

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IMPORT

Port Dwell Time

Mode	Apr'21 (in hrs)	May'21 (in hrs)
Overall	21.8	26.9
Truck	20.3	22.2
Train	41.0	66.0

EXPORT

Mode	Apr'21 (in hrs)	May'21 (in hrs)
Overall	95.7	104.1
Truck	92.5	101.9
Train	115.0	116.9

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





Inland
Container
Depot (ICD)



Container
Freight
Stations (CFS)

Entity	Apr'21 (in hrs)	May'21 (in hrs)
CFS	93.8	93.0
ICD	135.7	130.9

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

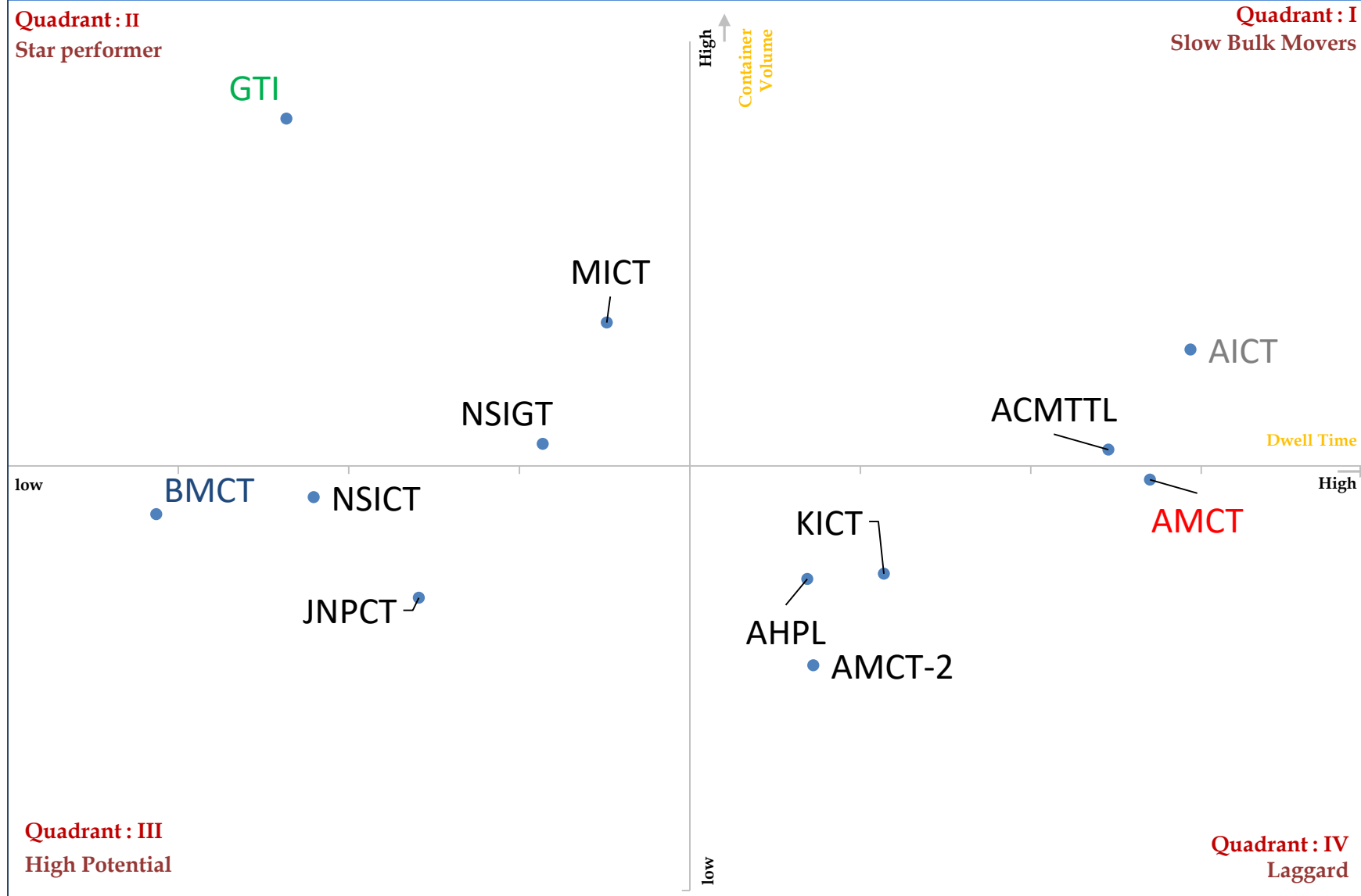
 The marked entries showcase decrease in performance in comparison to Apr'21



Performance Benchmarking - Port Terminals

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

Port Terminal Performance Index - May'21



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

Top Performing Terminal

Gateway Terminals India (GTI)

Apr'21

37.7 Hrs

May'21

39.2 Hrs.



Low Performing Terminal

Adani Mundra Container Terminal (AMCT)

Apr'21

69.1 Hrs

May'21

103.3 Hrs



Note: The performance benchmarking is based on performance index



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

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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

Adani CFS Eximyard, Mundra

Apr'21

60.7 hrs

May'21

63.0 hrs



Low Performing CFS

Hind Terminal CFS, Hazira

Apr'21

115.1 hrs.

May'21

131.5 hrs

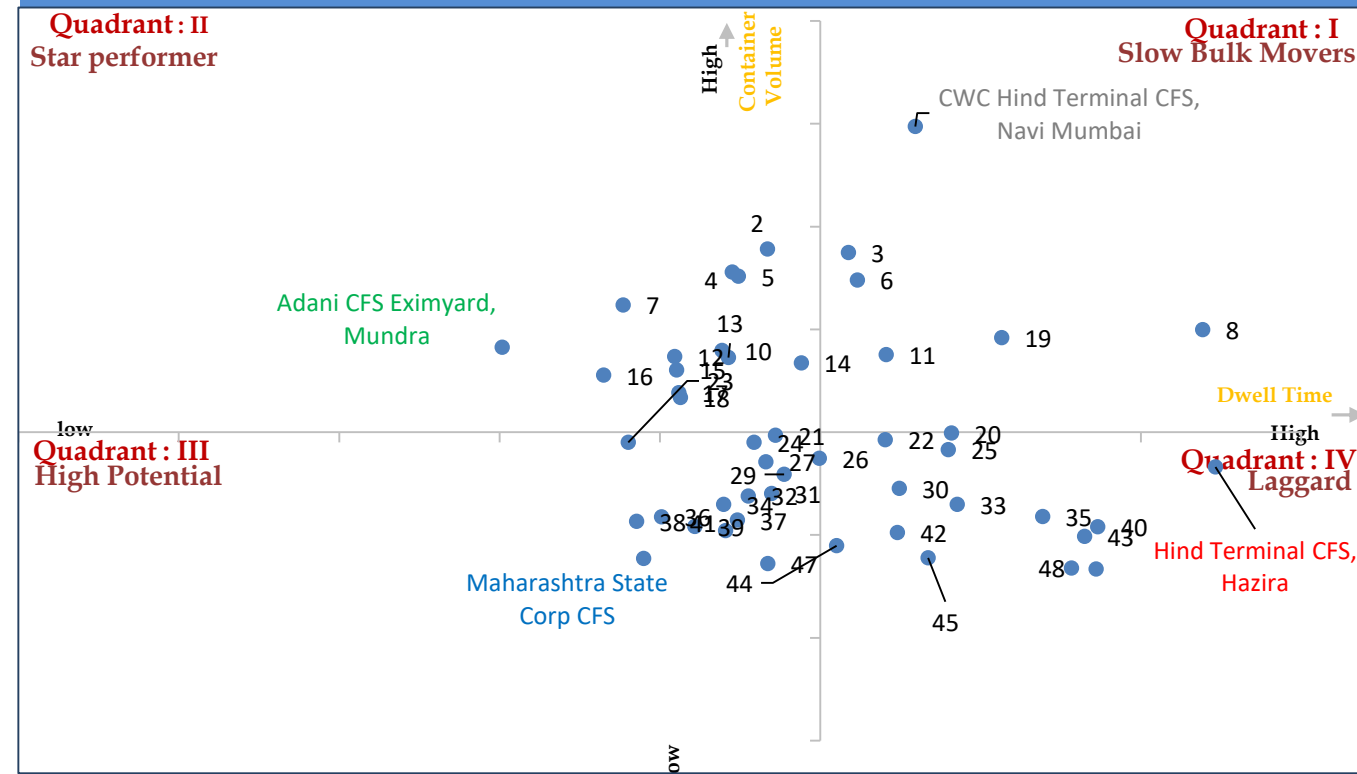


Note: The performance benchmarking is based on performance index



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

Performance Index: Western Corridor CFS



Top Performing ICD

Albatross Inland Ports ICD, Dadri

Apr'21

112.1 hrs

May'21

118.4 hrs



Low Performing ICD

APM Terminals ICD, Dadri

Apr'21

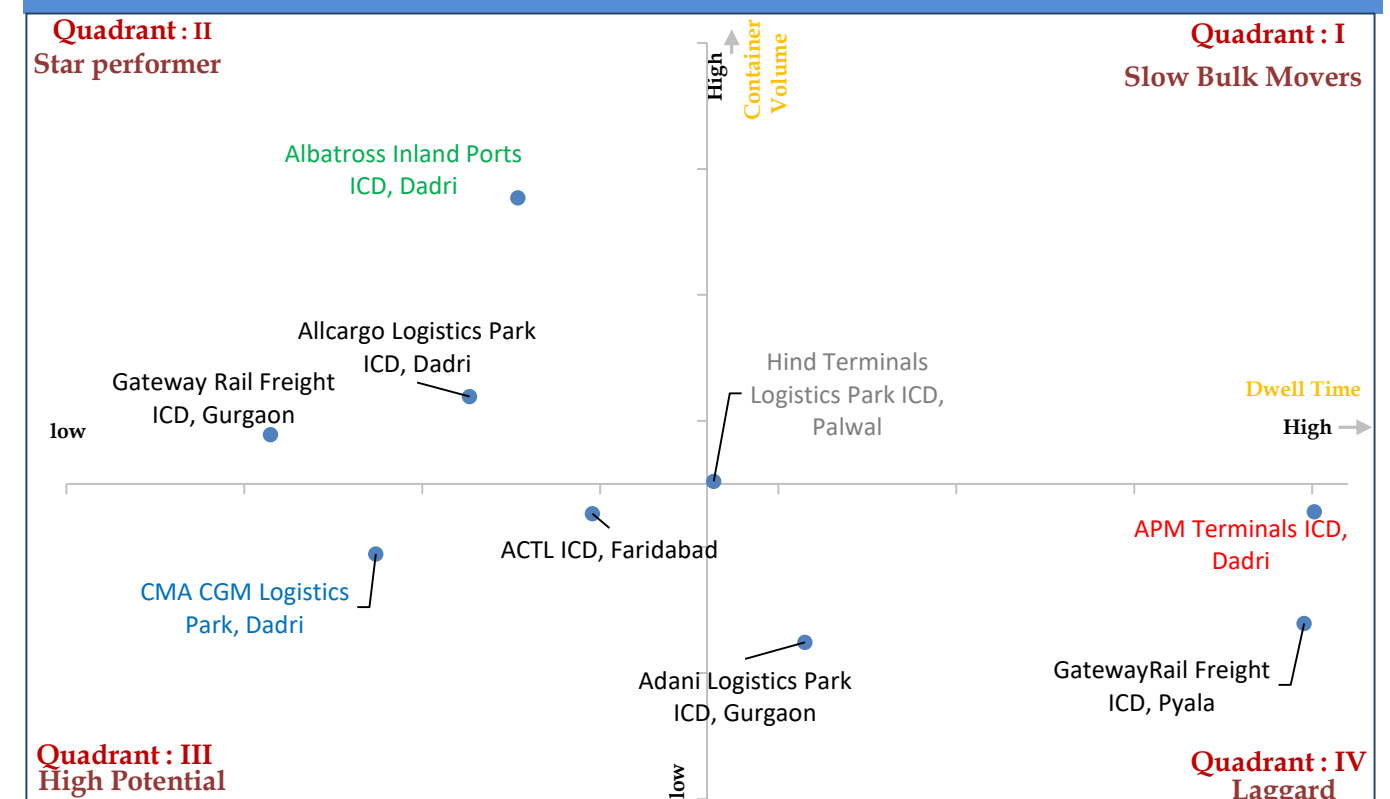
151.5 hrs

May'21

150.2 hrs



Performance Index: ICD



Kindly refer to Annexure section for the names of CFS

IMPORT

Port Dwell Time

Mode	Apr'21 (in hrs)	May'21 (in hrs)
Overall	44.8	45.5
Truck	44.2	44.5

EXPORT

Mode	Apr'21 (in hrs)	May'21 (in hrs)
Overall	76.6	89.1
Truck	73.3	86.3
Train	98.3	104.0

Container Freight Stations(CFS)- Dwell Time



Container
Freight
Stations

Entity	Apr'21 (in hrs)	May'21 (in hrs)
CFS	109.1	107.8

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

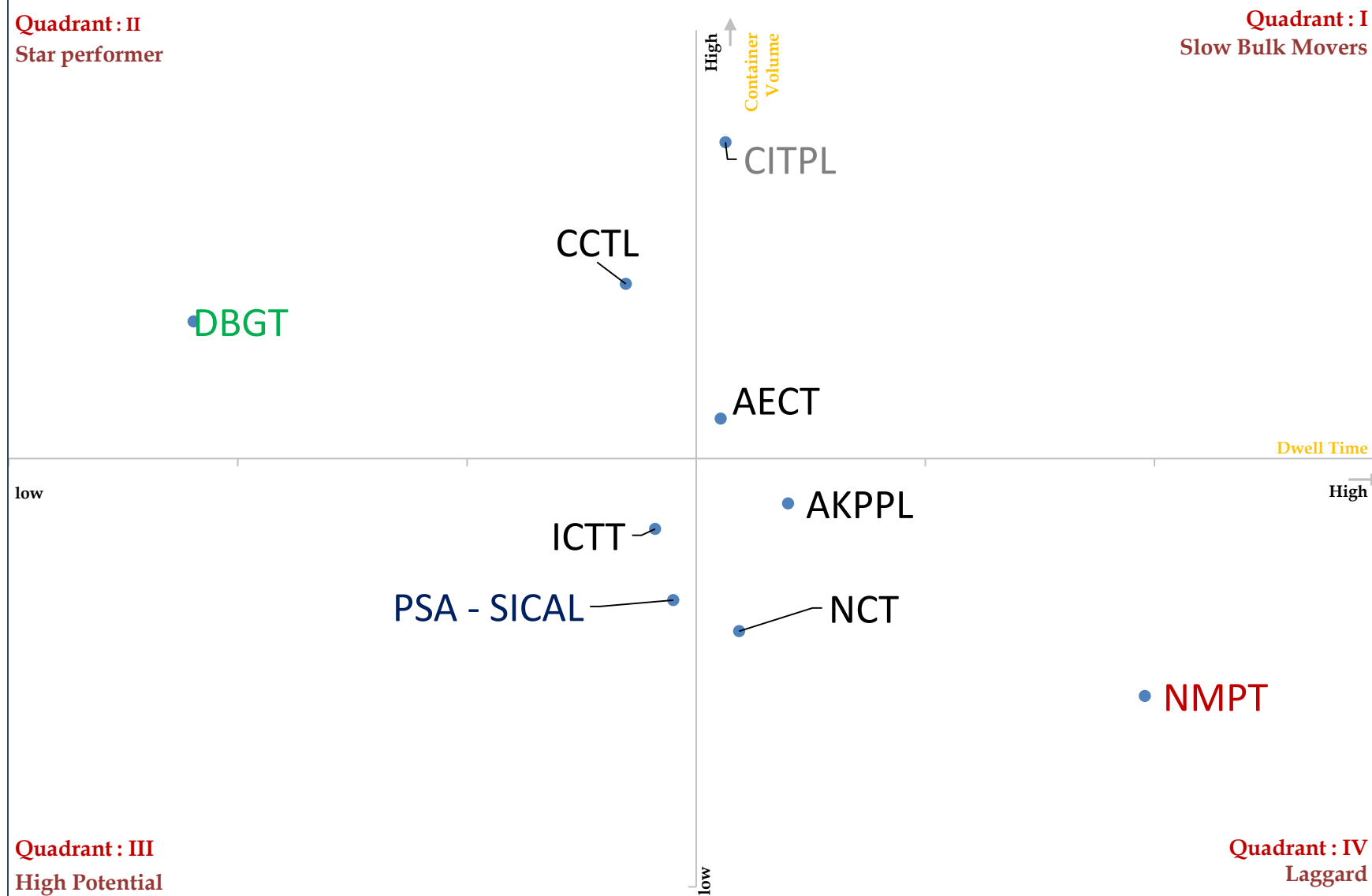
The marked entries showcase decrease in performance in comparison to Apr'21



Performance Benchmarking - Port Terminals

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

Southern Corridor Port Terminal Performance Index - May'21



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

Top Performing Terminal

Dakshin Bharat Gateway Terminal (DGBT)

Apr'21

May'21

30.3 hrs

33.6 hrs



Low Performing Terminal

New Mangalore Port Trust Terminal

Apr'21

May'21

103.9 hrs

107.7 hrs



Note: The performance benchmarking is based on performance index



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

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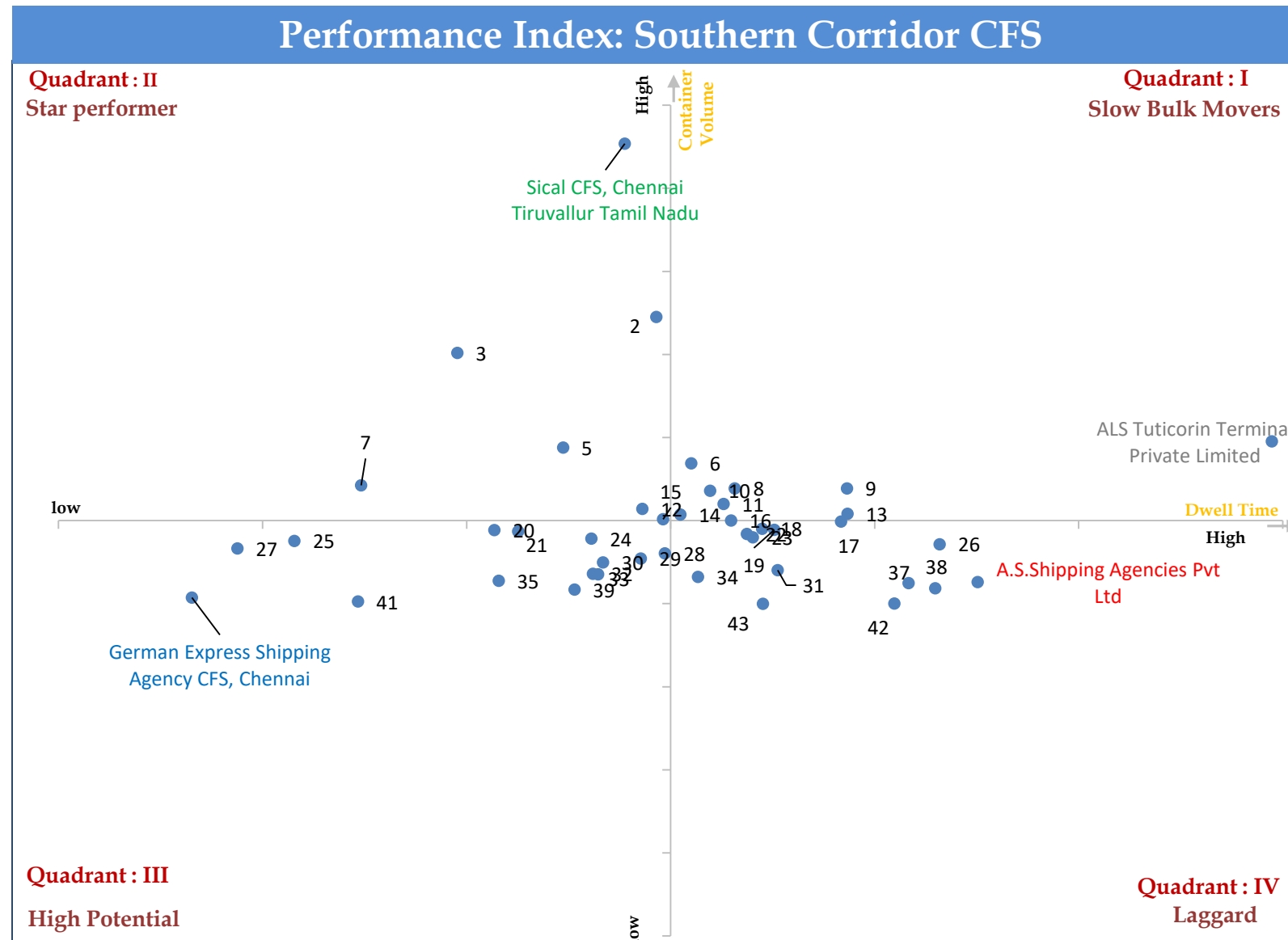
Slow Bulk Movers : consist of entities which have catered higher container volume at higher dwell time

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 May'21

Top Performing Terminal

Sical CFS, Chennai Tiruvallur Tamil Nadu

Apr'21

99.9 hrs

May'21

102.5 hrs



Low Performing Terminal

A.S. Shipping Agencies Pvt. Ltd.

Apr'21

105.3 hrs

May'21

160.2 hrs



Note: The performance benchmarking is based on performance index



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

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

Port Dwell Time

IMPORT

Mode	Apr'21 (in hrs)	May'21 (in hrs)
Overall	50.8	62.9
Truck	43.4	56.1
Train	153.3	140.7

EXPORT

Mode	Apr'21 (in hrs)	May'21 (in hrs)
Overall	101.5	132.7
Truck	98.1	129.9
Train	135.0	154.7

Container Freight Stations(CFS)- Dwell Time



Container
Freight
Stations

Entity	Apr'21 (in hrs)	May'21 (in hrs)
CFS	130.3	125.2

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

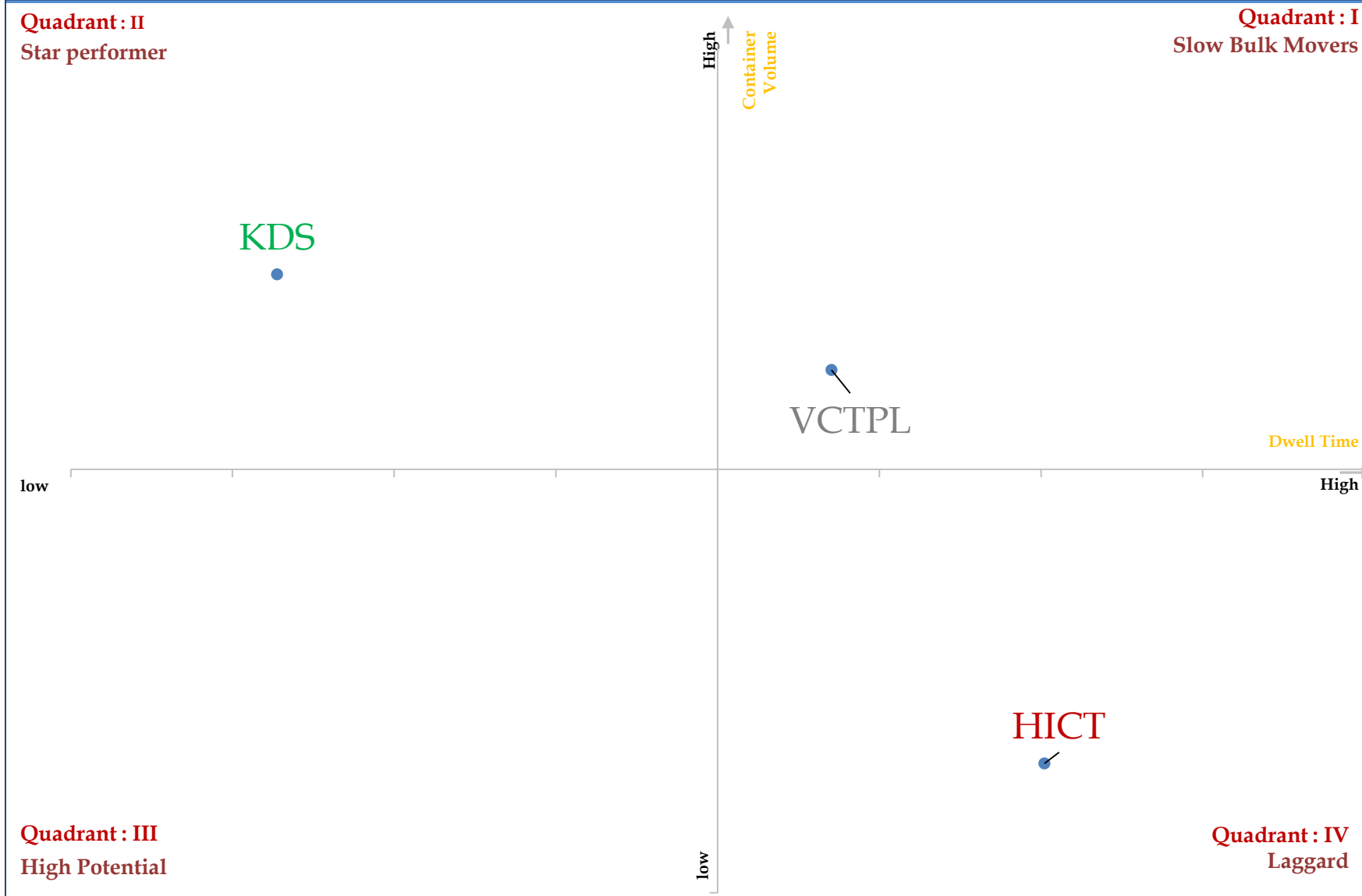
The marked entries showcase decrease in performance in comparison to Apr'21



Performance Benchmarking - Port Terminals

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

Port Terminal Performance Index – May'21



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

Top Performing Terminal

Kolkata Dock System (KDS)

Apr'21

May'21

77.1 hrs

76.6 hrs



Low Performing Terminal

Haldia International Container Terminal (HICT)

Apr'21

May'21

97.0 hrs

107.8 hrs



Note: The performance benchmarking is based on performance index



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

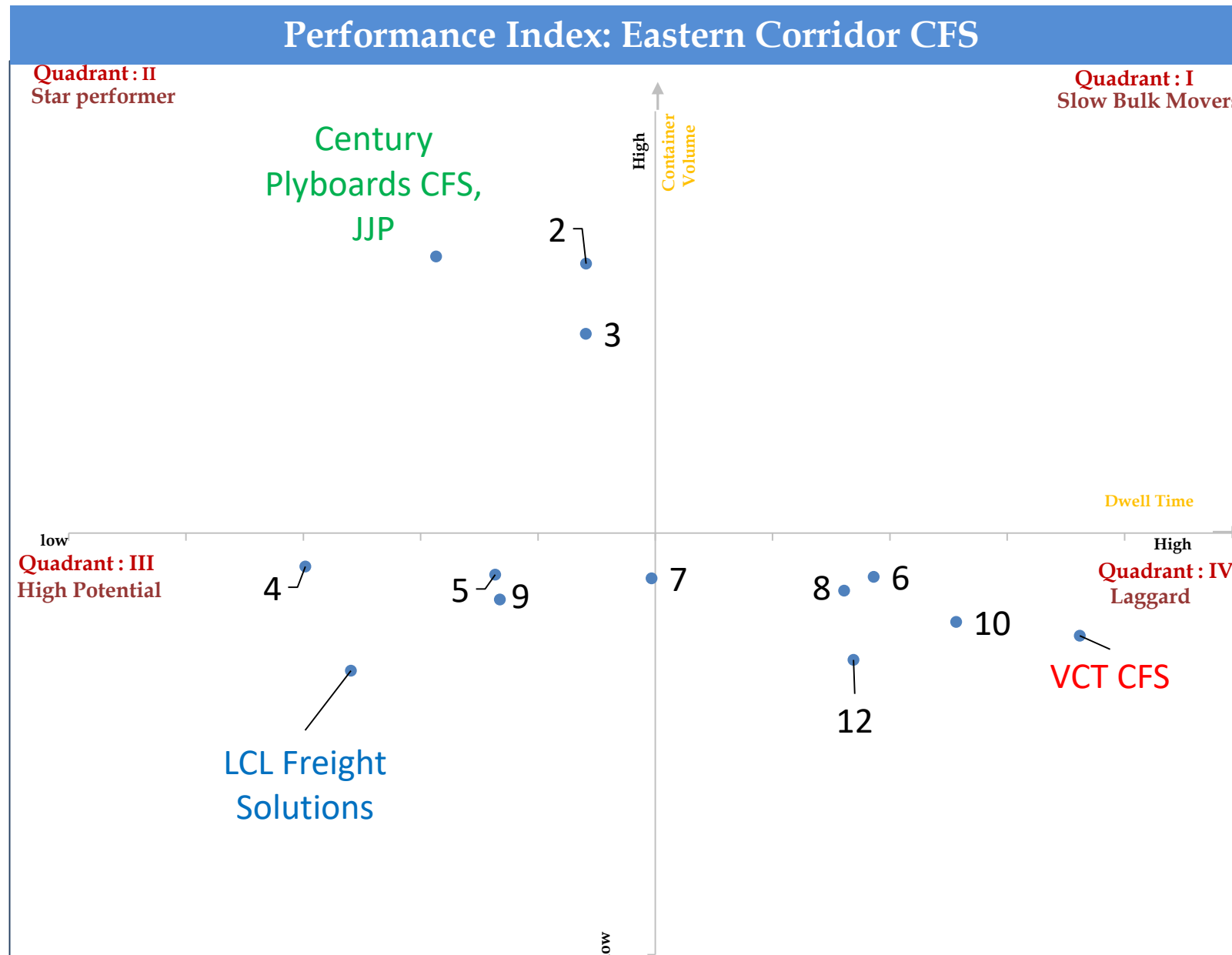
Slow Bulk Movers : consist of entities which have catered higher container volume at higher dwell time

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 May'21

Top Performing Terminal

Century Plyboards CFS, JJP

Apr'21	May'21
125.0 hrs	109.9 hrs



Low Performing Terminal

VCT CFS

Apr'21	May'21
146.6 hrs	176.0 hrs



Note: The performance benchmarking is based on performance index



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

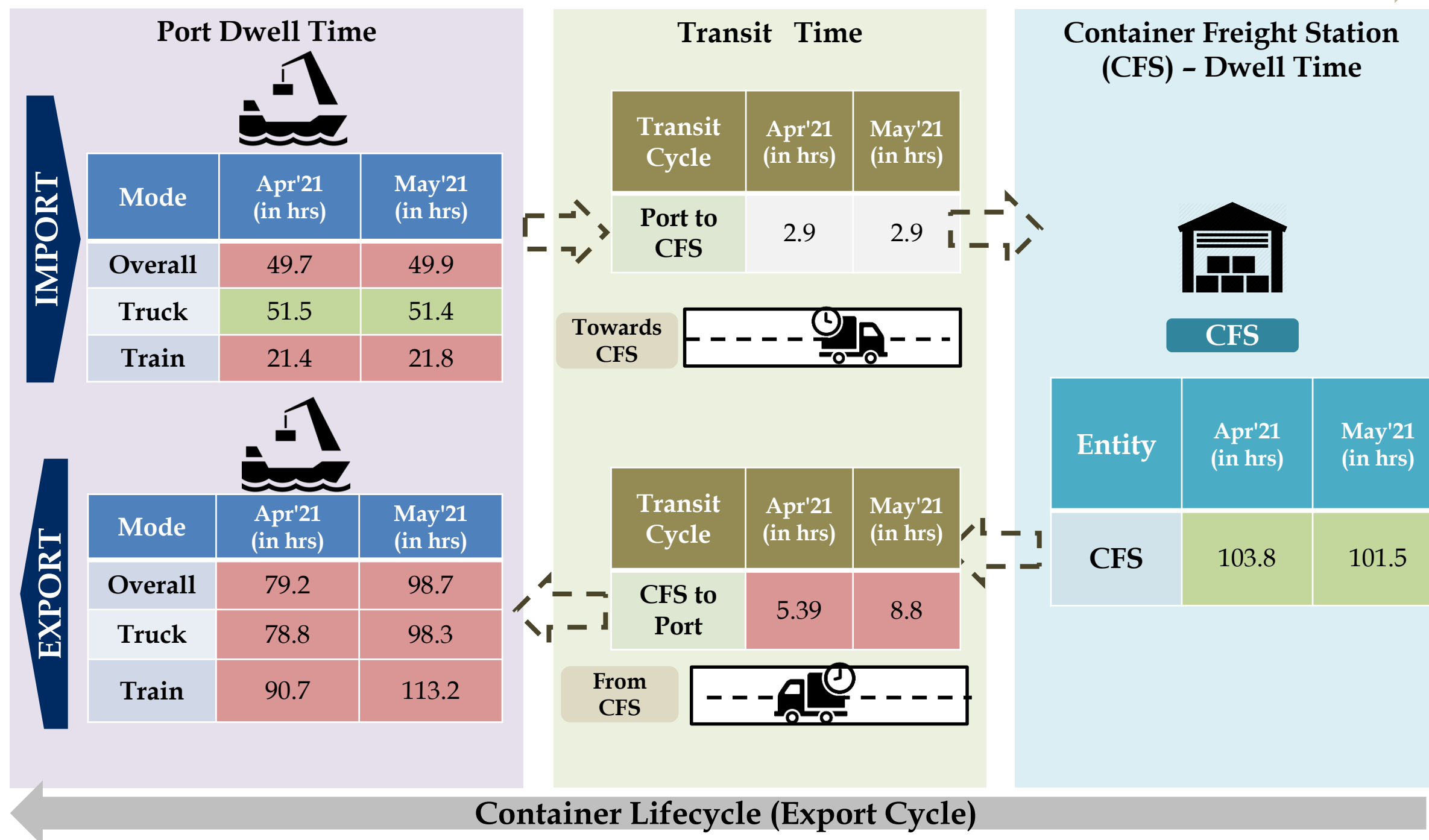
High Potential : consist of entities which have catered relatively lower container volume in lower dwell time


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


Annexure

Individual Terminal Performance In Southern Corridor

Container Lifecycle (Import Cycle)

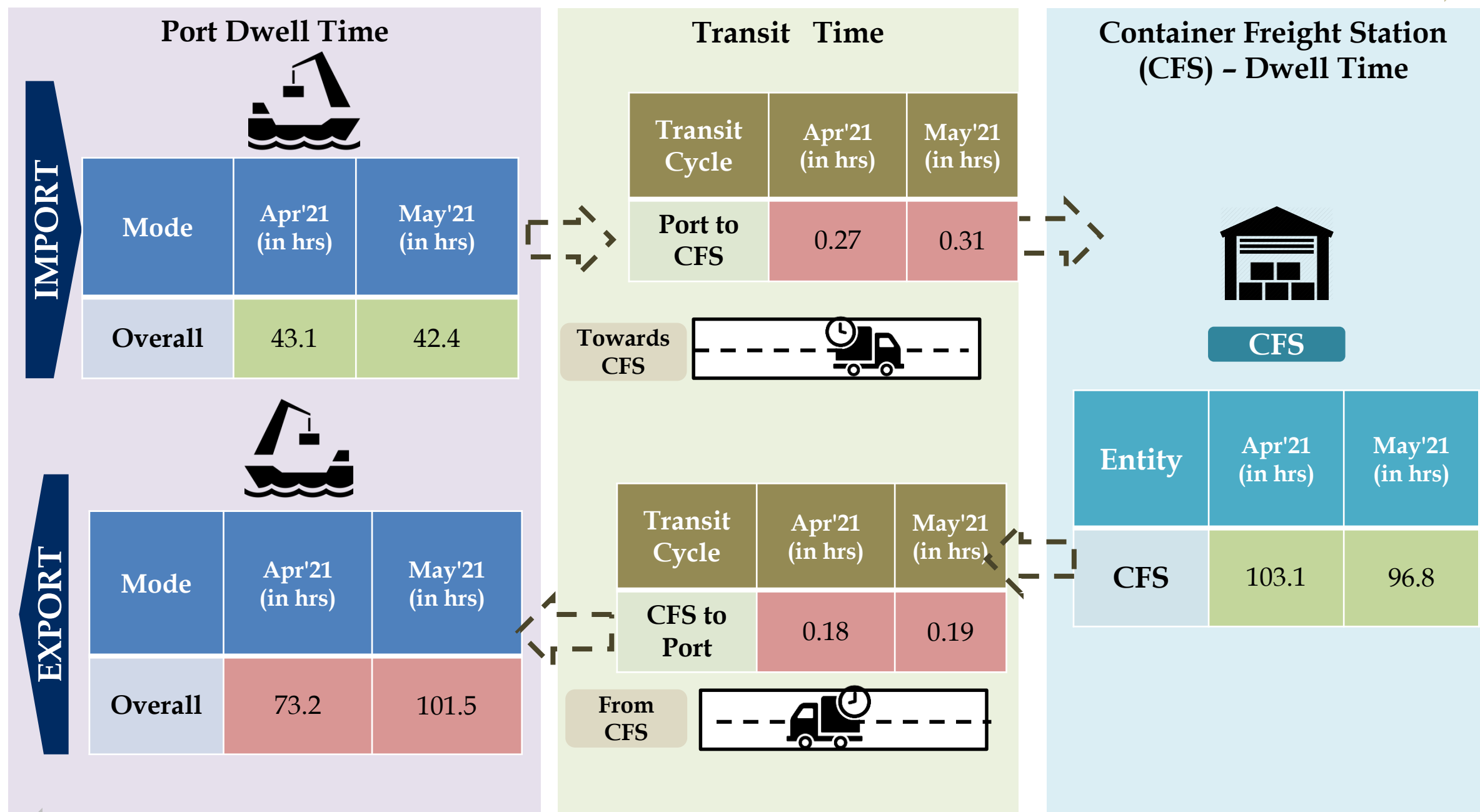


 The marked entries showcase the increase in performance as compared to Apr'21

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

Kochi Port Terminal: Container Transportation

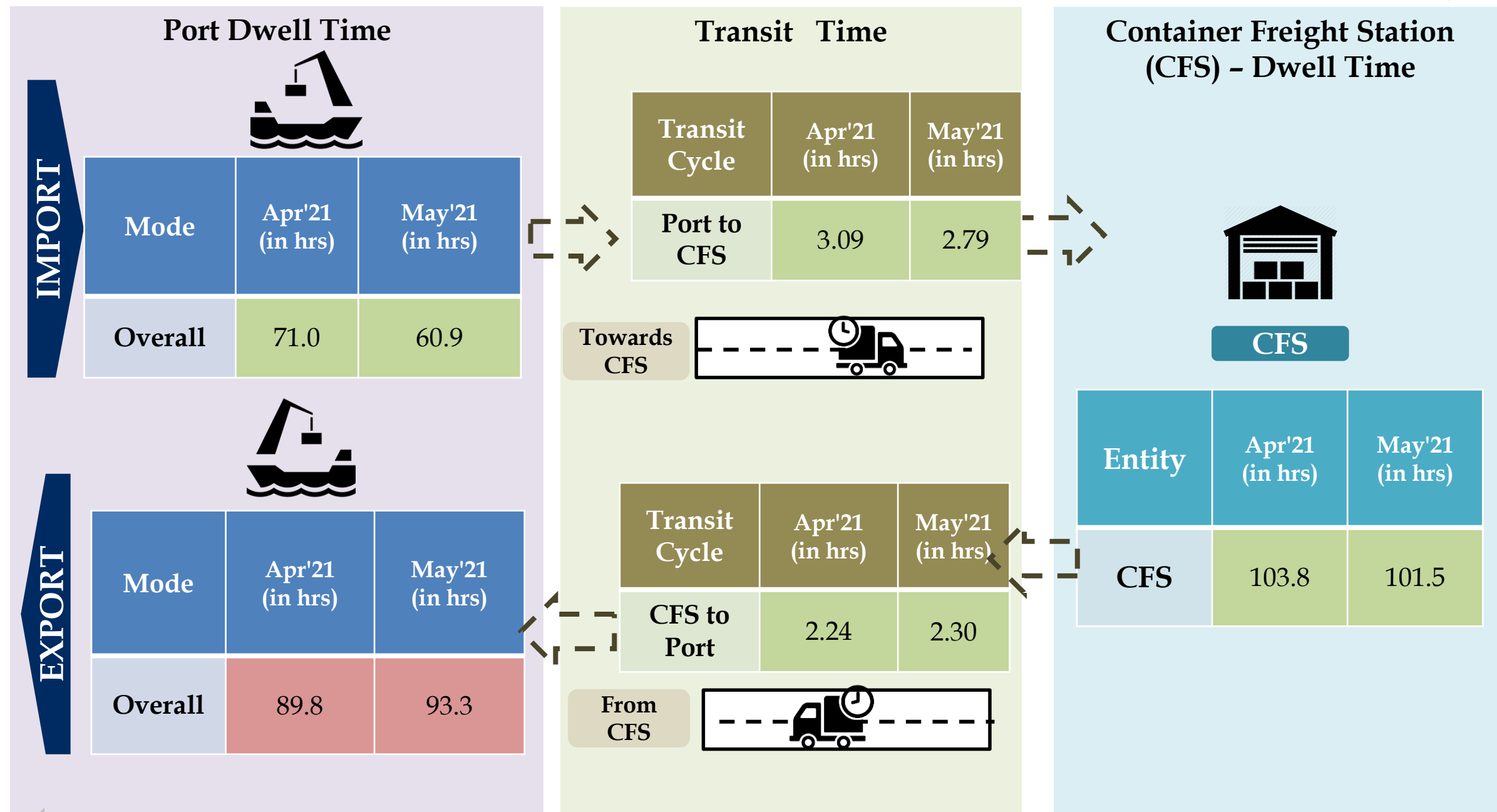
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Kattupalli Port Terminal: Container Transportation

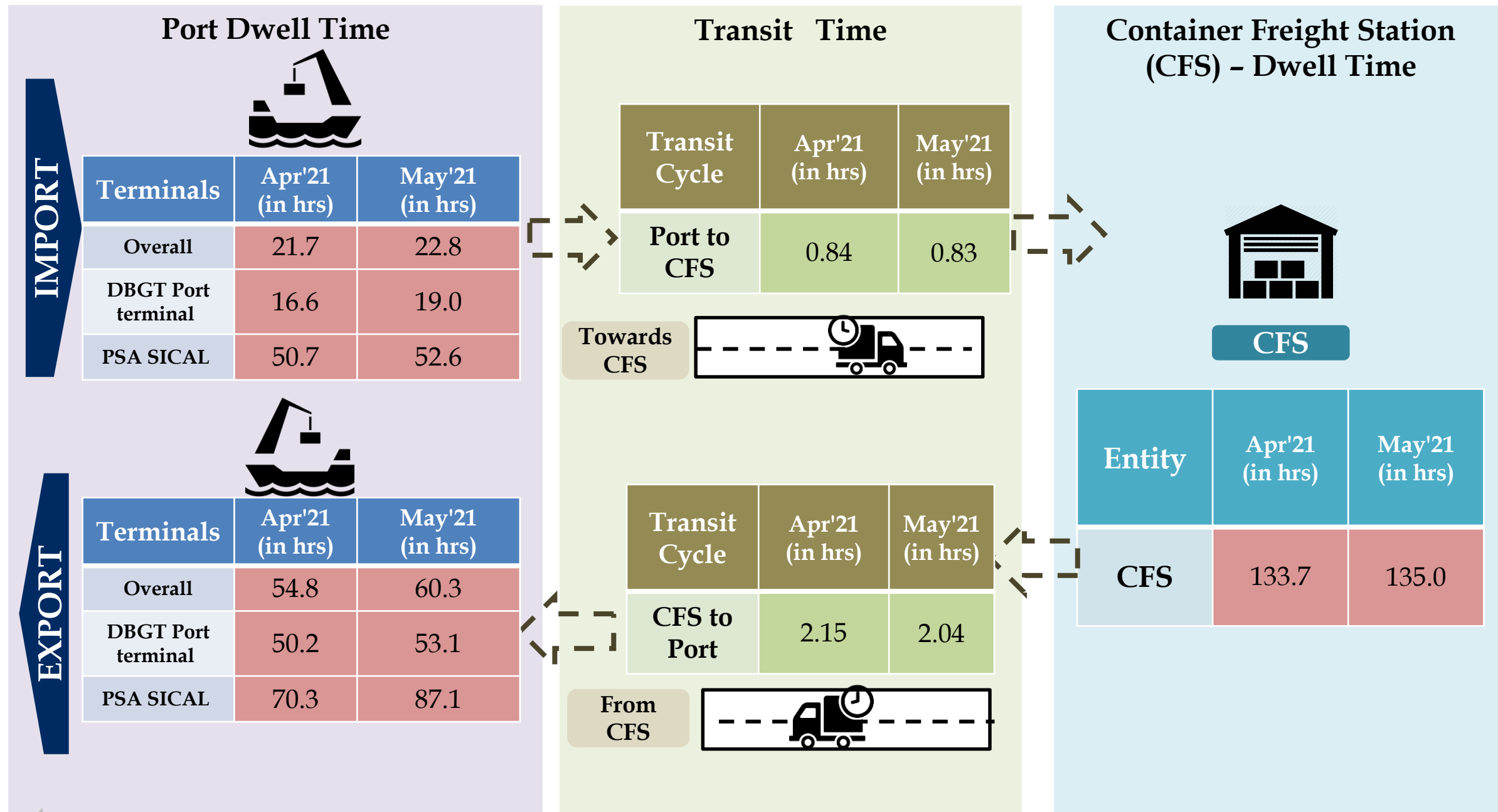
Container Lifecycle (Import Cycle)



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	Apr'21 (in hrs)	May'21 (in hrs)
Overall	50.5	82.4



Mode	Apr'21 (in hrs)	May'21 (in hrs)
Overall	73.8	71.9

Container Freight Station (CFS) - Dwell Time



CFS

Entity	Apr'21 (in hrs)	May'21 (in hrs)
CFS	117.8	123.6

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

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

Cargo Dwell Time



Port

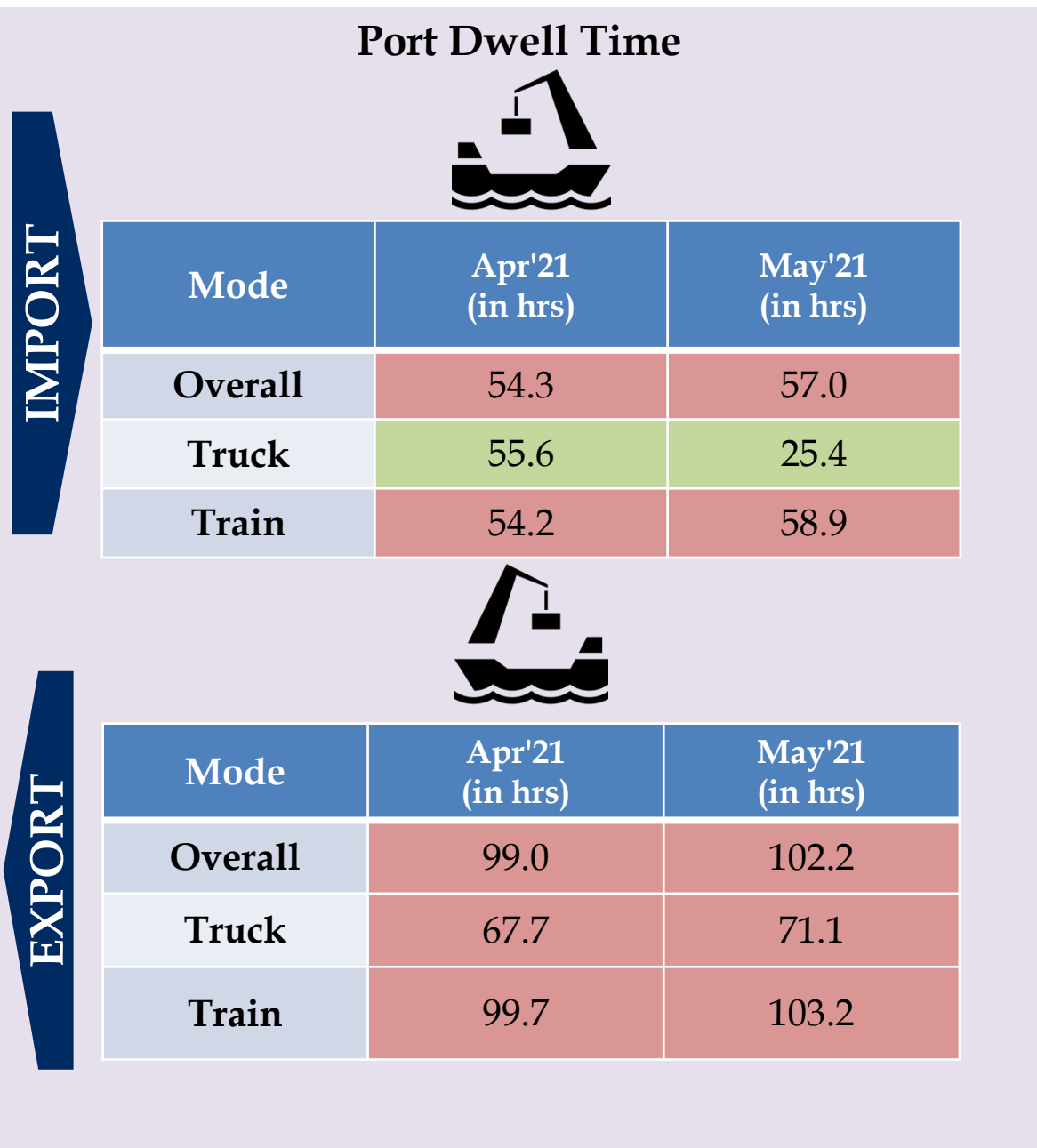
Port Cargo Dwell time	Apr'21 (in hrs)	May'21 (in hrs)
Import	50.8	65.9
Export	77.6	70.3

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

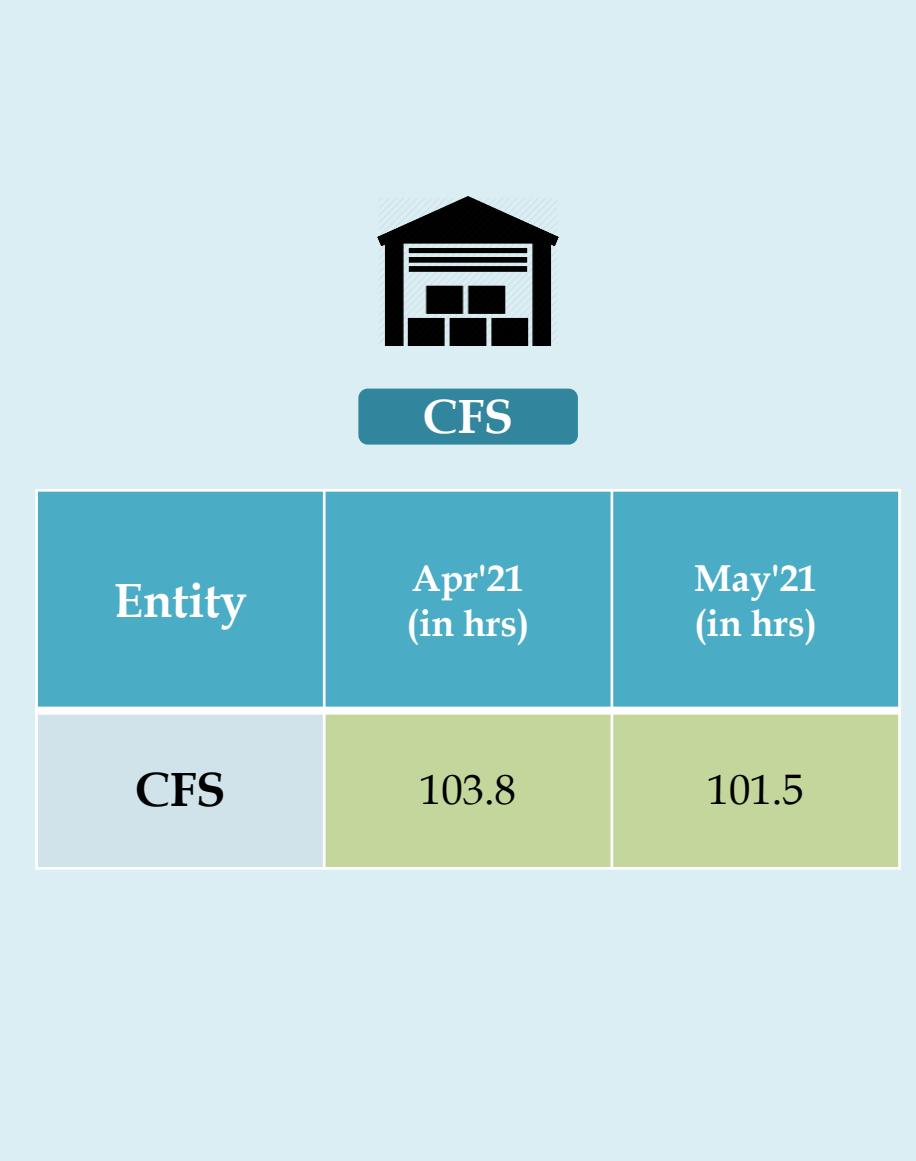
Container Lifecycle (Export Cycle)

★ 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)



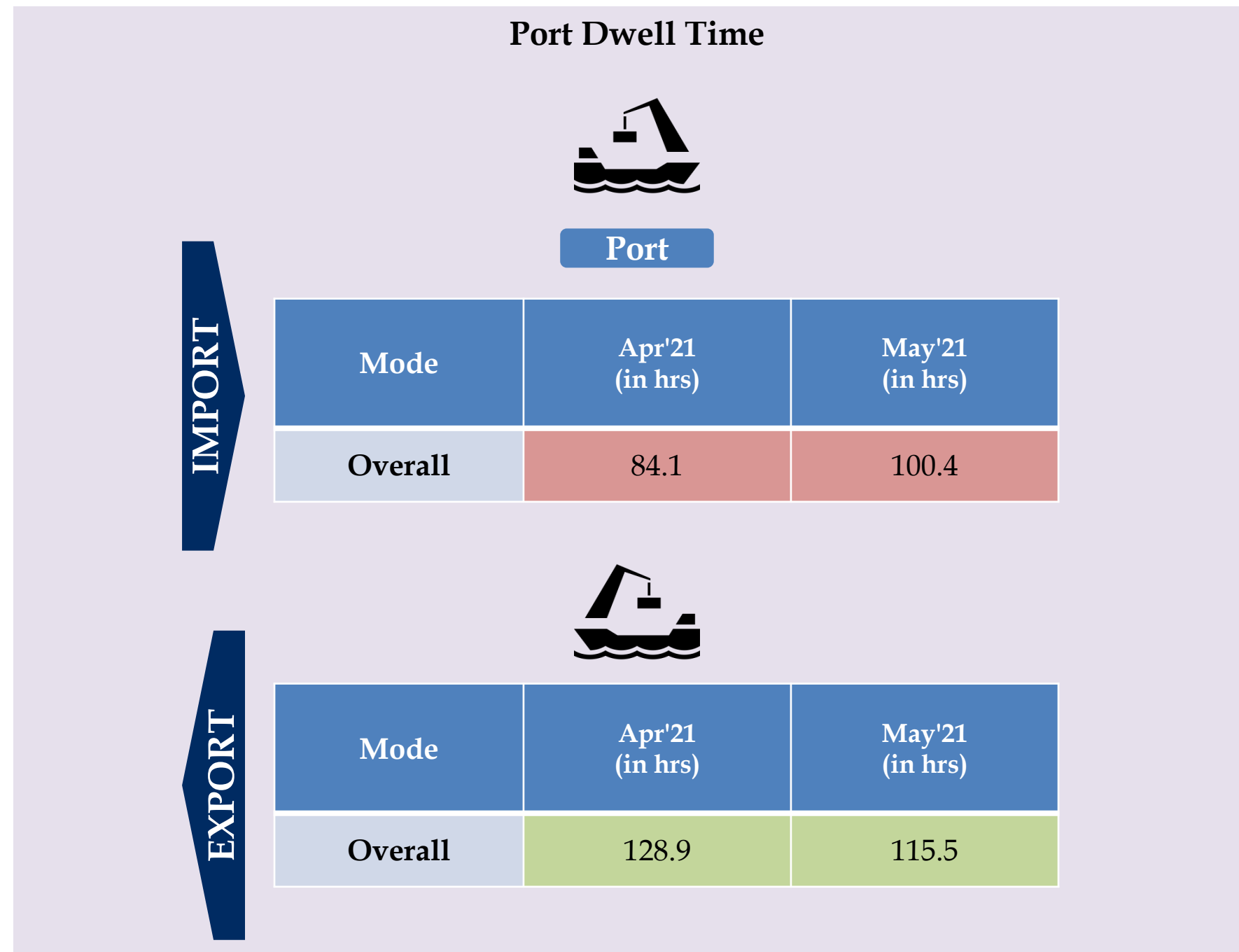
Container Freight Station (CFS) - Dwell Time





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

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

Container Lifecycle (Export Cycle)



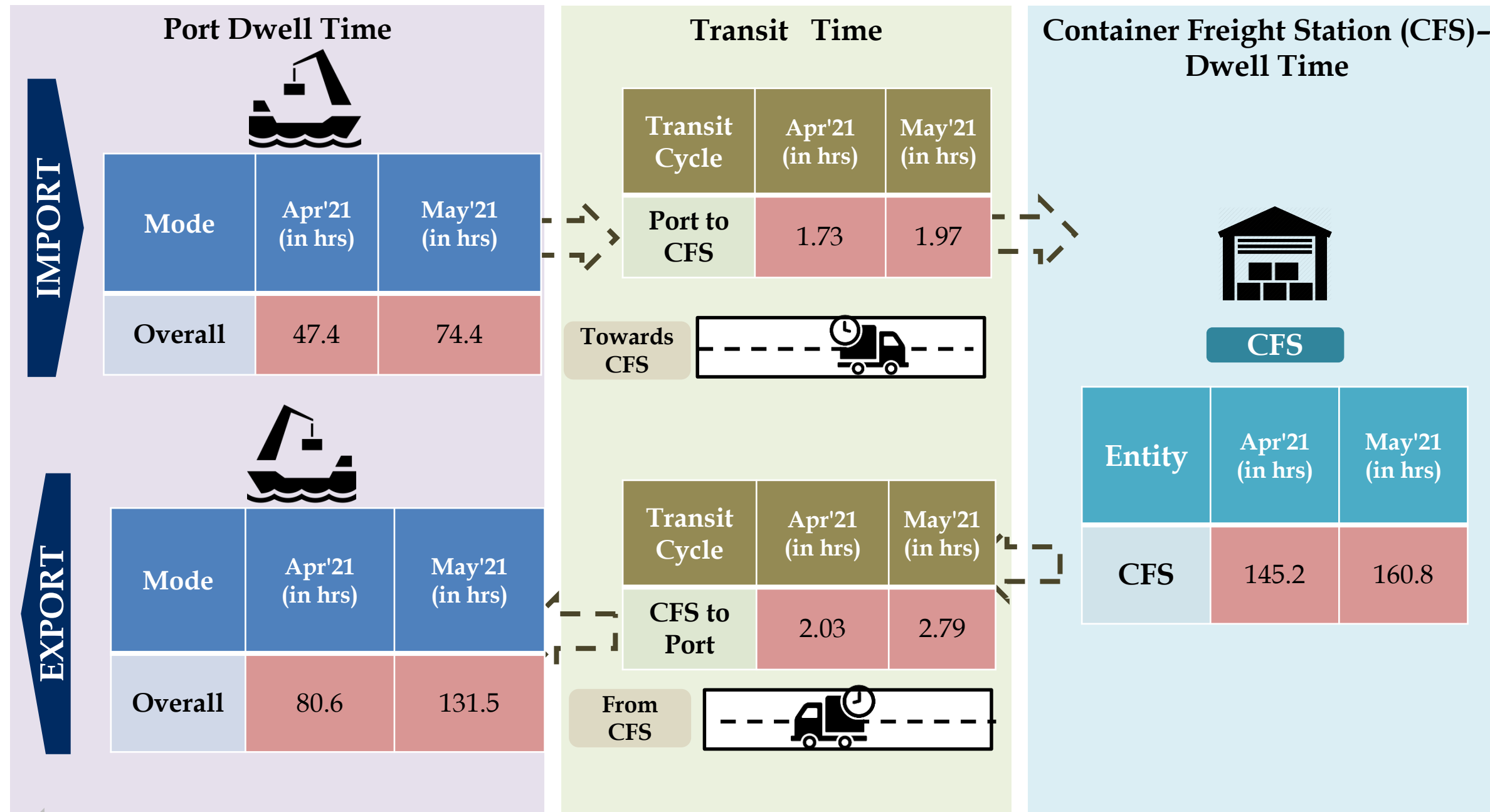
 The marked entries showcase the increase in performance as compared to Apr'21

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

Individual Terminal Performance In Eastern Corridor

Vishakhapatnam Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)

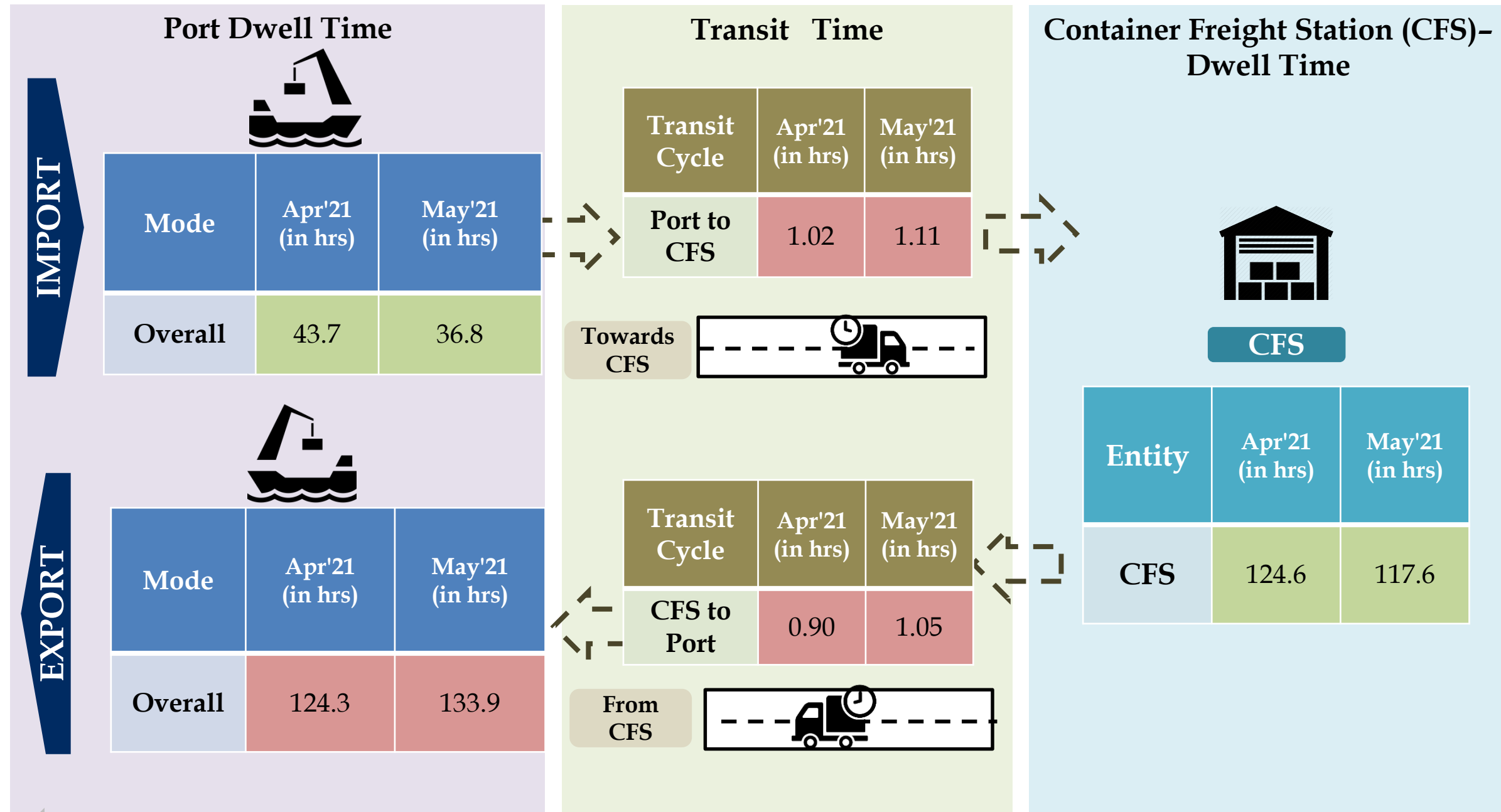


The marked entries showcase the increase in performance as compared to Apr'21

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

Kolkata Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)

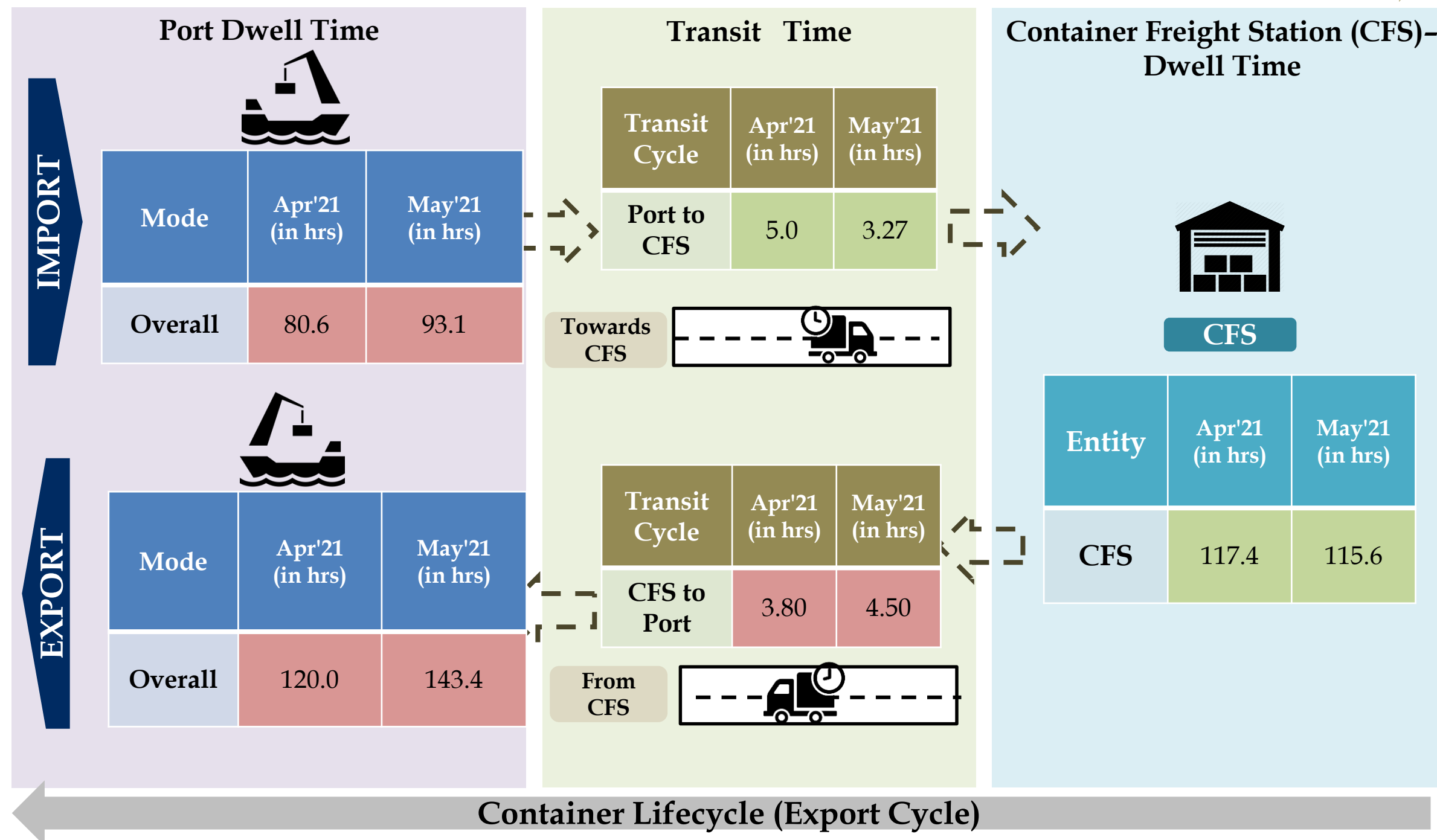


The marked entries showcase the increase in performance as compared to Apr'21

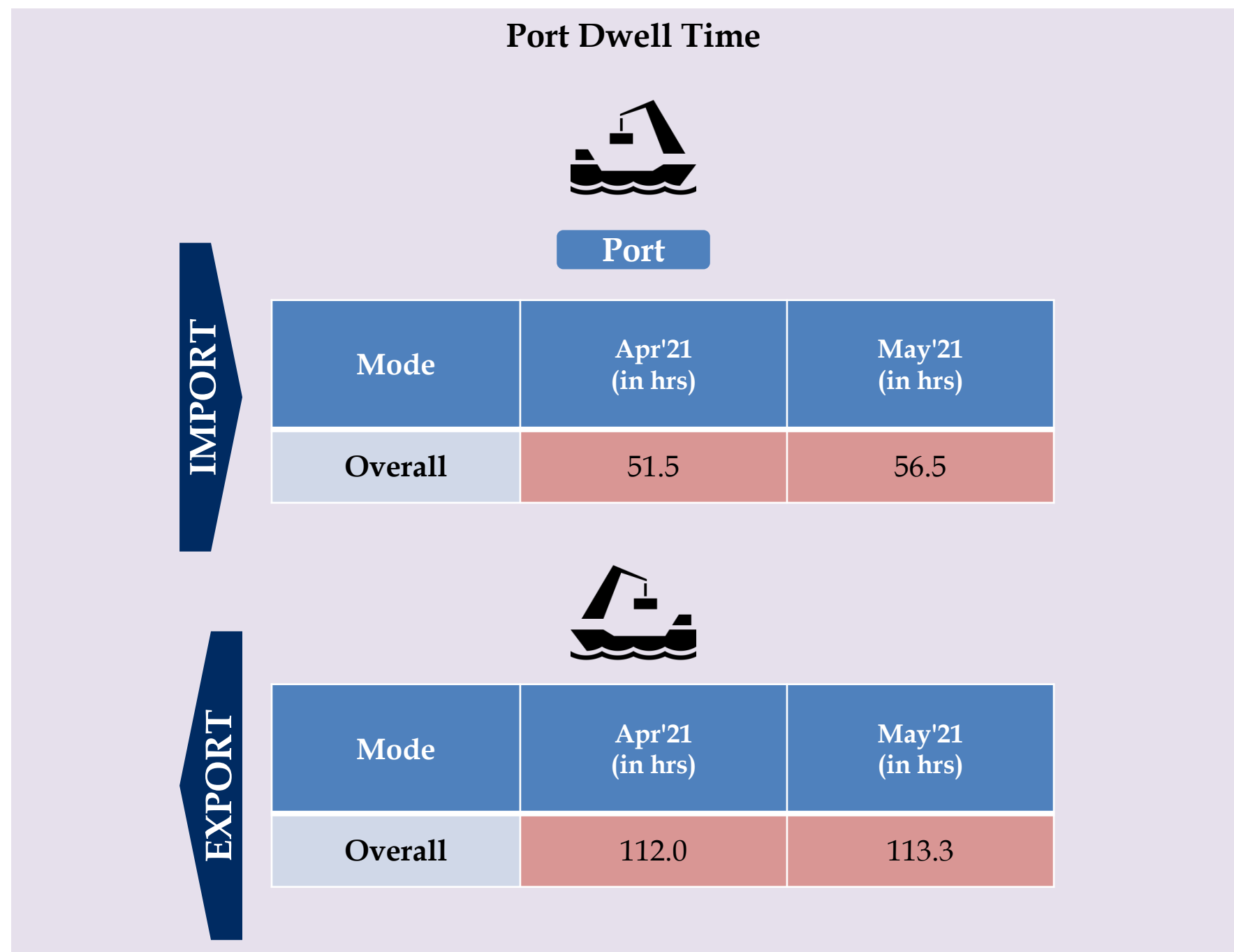
The marked entries showcase the decrease in performance as compared to Apr'21


Haldia Port Terminal: Container Transportation


Container Lifecycle (Import Cycle)



Individual Terminal Performance In Western Corridor

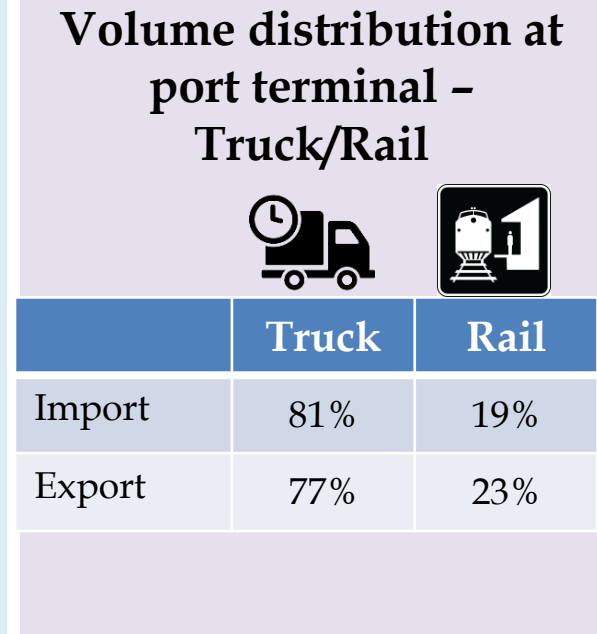
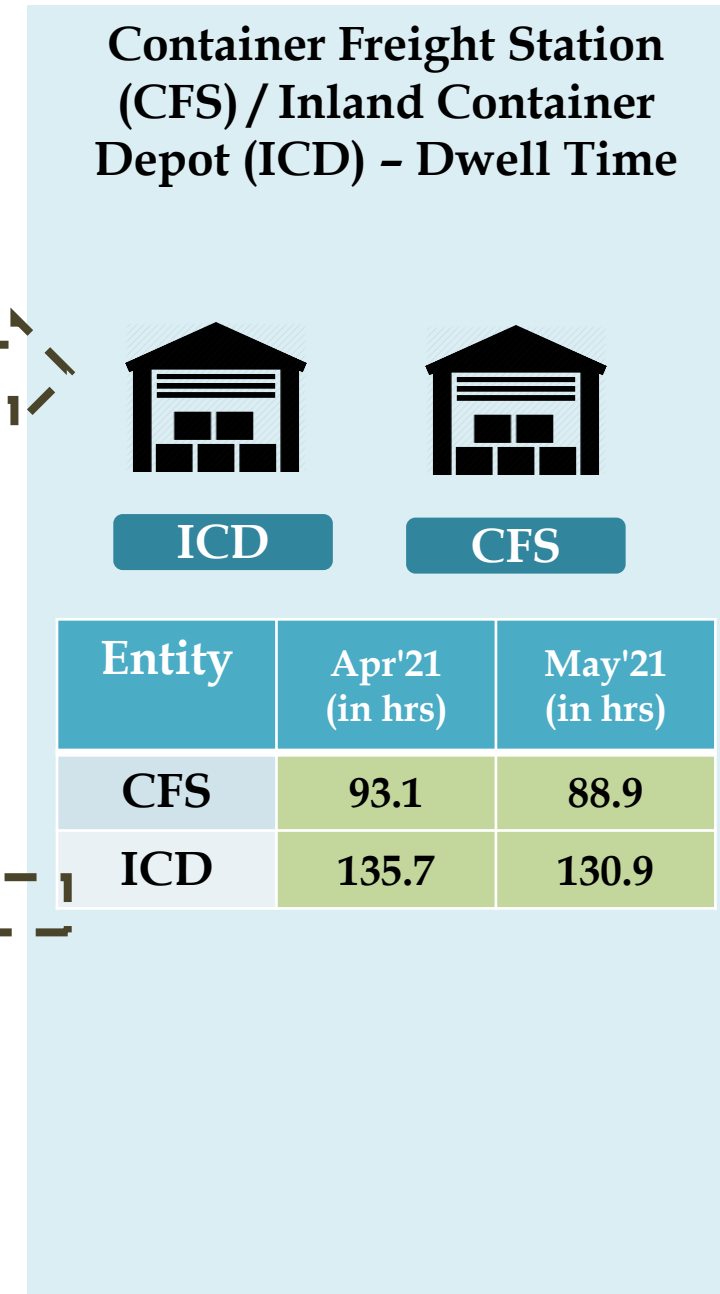
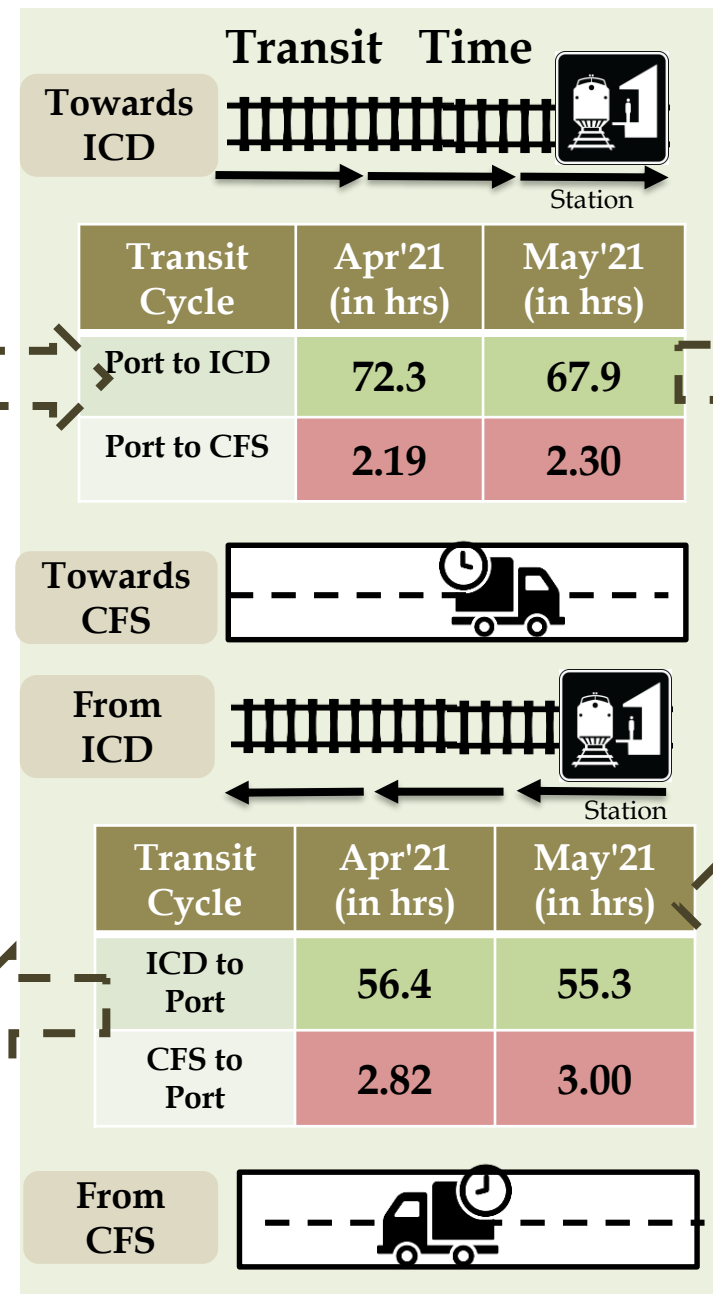
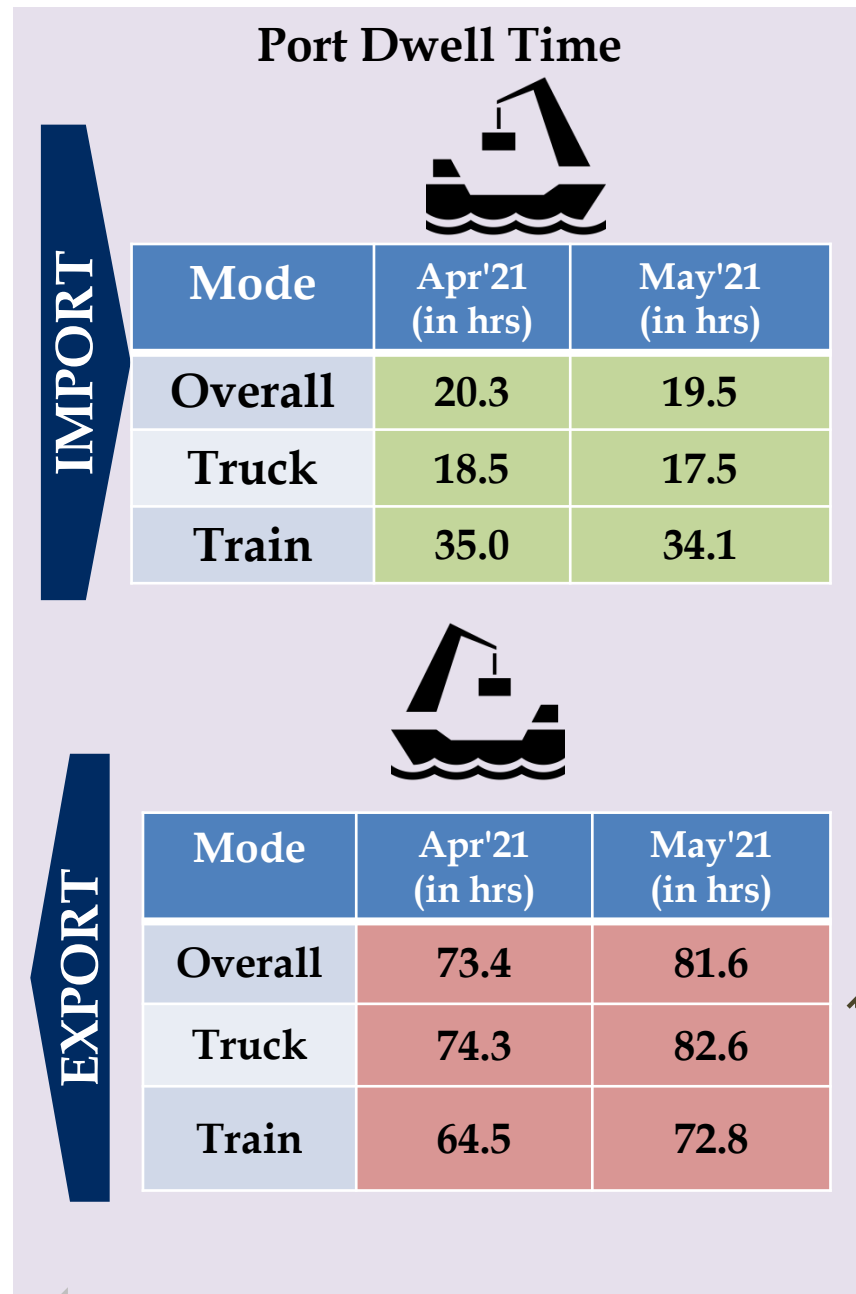



 The marked entries showcase the increase in performance as compared to Apr'21


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

Container Transportation- JNPT Port Terminals

Container Lifecycle (Import Cycle)



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

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

Container Lifecycle (Export Cycle)

Container Transportation- JNPT Port Terminals

%IMPORT CYCLE DWELL TIME (May'21 – in hrs)			Compared to Apr'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	19.5	4% ↑
	Port Dwell Time for Truck Bound Containers	17.5	5% ↑
	Port Dwell time for Train Bound Containers	34.1	3% ↑
	Port Dwell time Direct Port Delivery (DPD) containers	35.6	7% ↑
	Port Dwell time Containers bound for CFS	15.02	13% ↑
	Port Dwell for Empty Containers	31.7	14% ↓
	Port Dwell for Laden Containers	18.45	3% ↑
TRANSIT TIME	Port to ICD	67.9	6% ↑
	Port to CFS	2.3	5% ↓

EXPORT CYCLE DWELL TIME (May'21– in hrs)			Compared to Apr'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	81.6	11% ↓
	Port Dwell Time for Truck Bound Containers	82.6	11% ↓
	Port Dwell time for Train Bound Containers	72.8	11% ↓
	Port Dwell time Direct Port Entry (DPE) containers	85.05	12% ↓
	Port Dwell time Containers bound from CFS	83.5	14% ↓
	Port Dwell for Empty Containers	73.9	9% ↓
	Port Dwell for Laden Containers	81.2	12% ↓
TRANSIT TIME	ICD to Port	55.3	2% ↑
	CFS to Port	3.0	6% ↓

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

JNPT Region: Parking Plaza Dwell Time Analysis

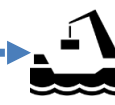
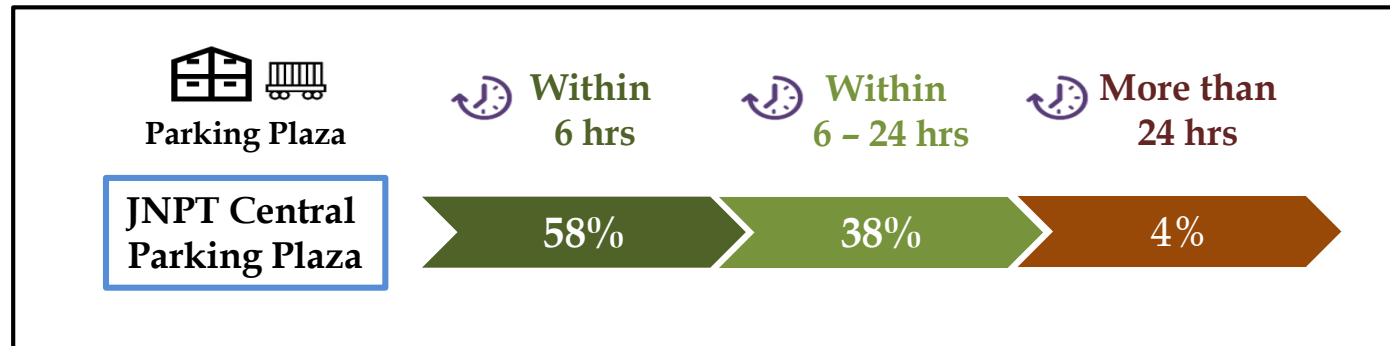
The below table depicts the Parking Plaza & Parking Plaza to Port Transit Performance at JNPT Port Terminals and their volume bifurcation in export cycle



Parking Plaza Gate In – Gate Out

Mode	Apr'21 (in hrs)	May'21 (in hrs)
Overall Parking Plaza	5.7	5.2

Container Handled: Day wise (May'21)

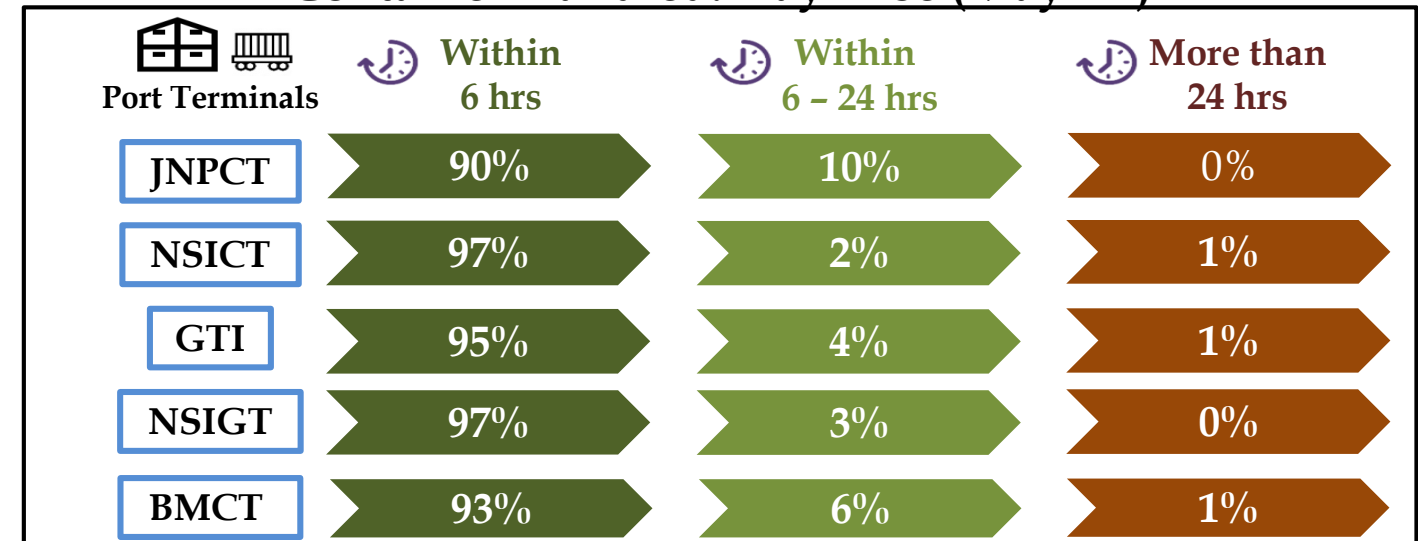


Parking Plaza Gate Out – Terminal In



Mode	Apr'21 (in hrs)	May'21 (in hrs)
Overall Parking Plaza to JNPT Port	1.5	1.1



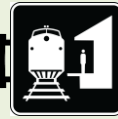

Port	Apr'21 (in hrs)	May'21 (in hrs)
JNPCT	2.0	1.7
NSICT	1.4	0.6
GTI	1.2	1.1
NSIGT	1.9	0.9
BMCT	2.4	2.2


Container Handled: Day wise (May'21)






Container Lifecycle (Import Cycle)


Port Dwell Time			
IMPORT			
	Mode	Apr'21 (in hrs)	May'21 (in hrs)
	Overall	21.6	36.4
	Truck	20.1	26.2
EXPORT			
	Mode	Apr'21 (in hrs)	May'21 (in hrs)
	Overall	124.6	136.7
	Truck	119.9	133.4
	Train	139.9	146.4

Transit Time			
Towards ICD 			
Station	Transit Cycle	Apr'21 (in hrs)	May'21 (in hrs)
	Port to ICD	78.4	85.1
Station	Port to CFS	0.94	0.97
Towards CFS 			
From ICD 			
Station	Transit Cycle	Apr'21 (in hrs)	May'21 (in hrs)
	ICD to Port	73.2	72.95
Station	CFS to Port	0.94	0.85
From CFS 			

Container Freight Stations(CFS)/Inland Container Depots(ICD)			
			
ICD CFS			
Entity	Apr'21 (in hrs)	May'21 (in hrs)	
CFS	95.1	100.9	
ICD	135.7	130.9	

Volume distribution at port terminal - Truck/Rail		
		
	Truck	Rail
Import	73%	27%
Export	72%	28%

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

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

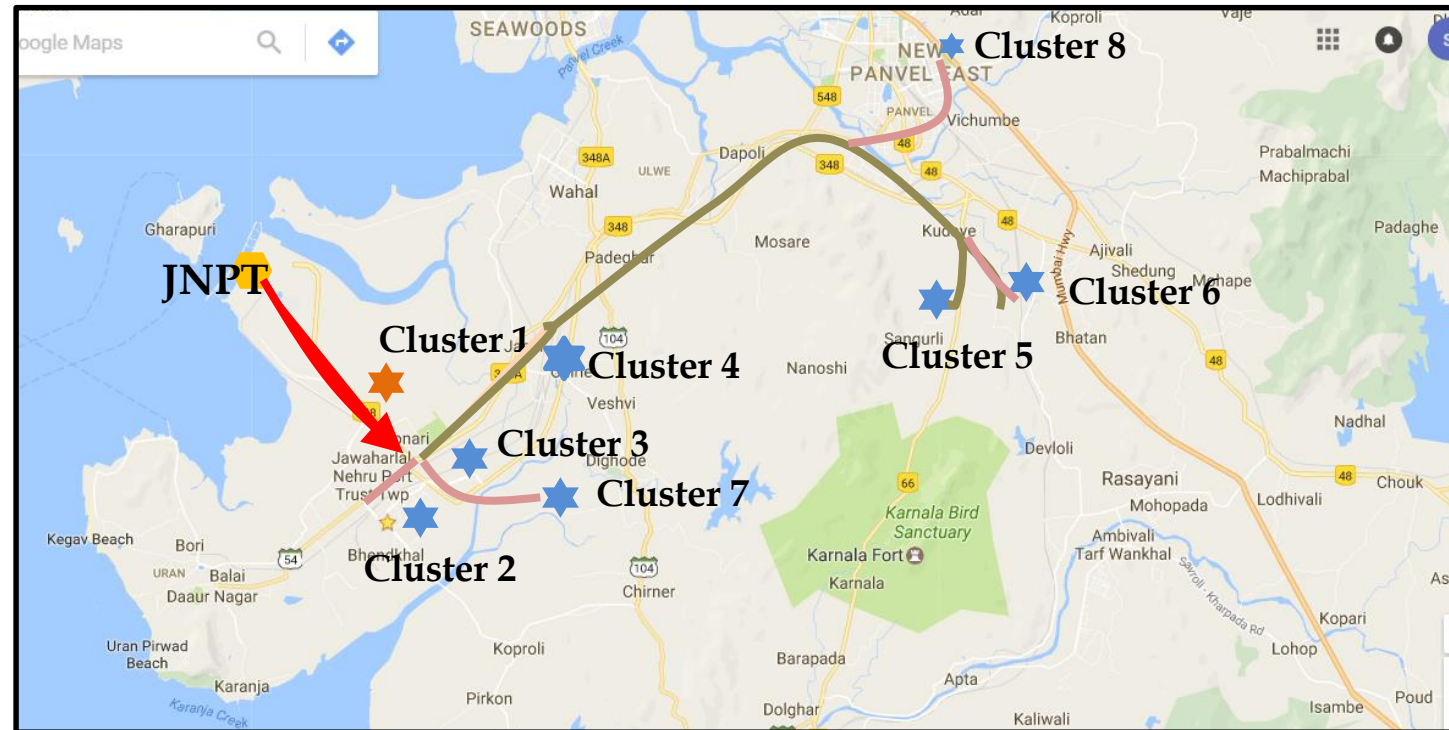
Container Lifecycle (Export Cycle)

IMPORT CYCLE DWELL TIME (May'21- in hrs)			Compared to Apr'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	36.4	69% ↓
	Port Dwell Time for Truck Bound Containers	26.2	30% ↓
	Port Dwell time for Train Bound Containers	99	28% ↓
TRANSIT TIME	Port to ICD	85.1	8.5% ↓
	Port to CFS	0.99	5% ↓

EXPORT CYCLE DWELL TIME (May'21- in hrs)			Compared to Apr'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	136.7	9.7% ↓
	Port Dwell Time for Truck Bound Containers	133.4	11% ↓
	Port Dwell time for Train Bound Containers	146.4	5% ↓
TRANSIT TIME	ICD to Port	72.95	0% ↑
	CFS to Port	0.85	3% ↑

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

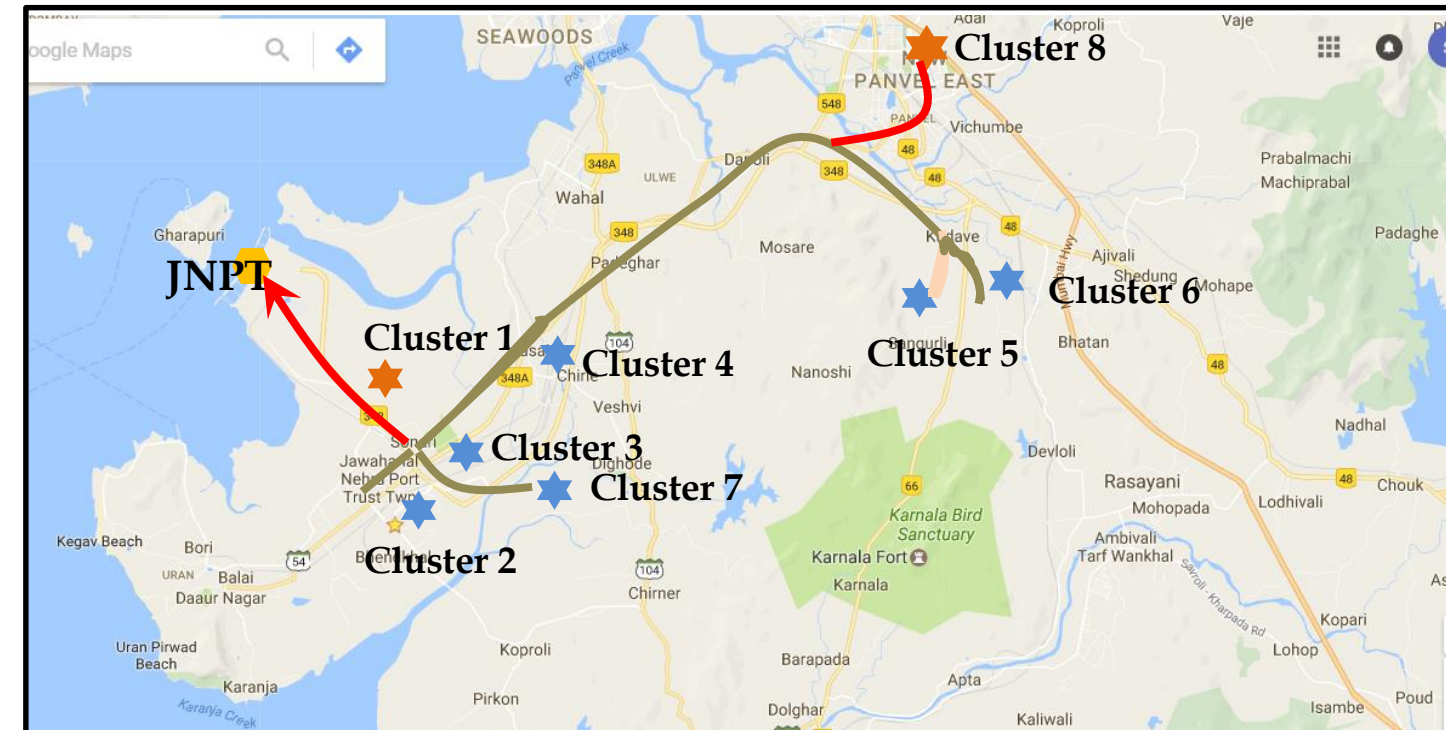
JNPT - Import - May'21



Legends	
—	High Congestion
—	Medium Congestion
—	Low Congestion
★	Cluster with bottleneck
★	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 - May'21



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

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	84.1 hrs	133.3 hrs
Road	160.0 hrs	133.3 hrs
Rail	70.6 hrs	-

Haldia Port Terminal

Mode	ICP Raxaul	ICP Jogbani
Overall	111.9 hrs	194.8 hrs



Export Cycle

Kolkata Port Terminal

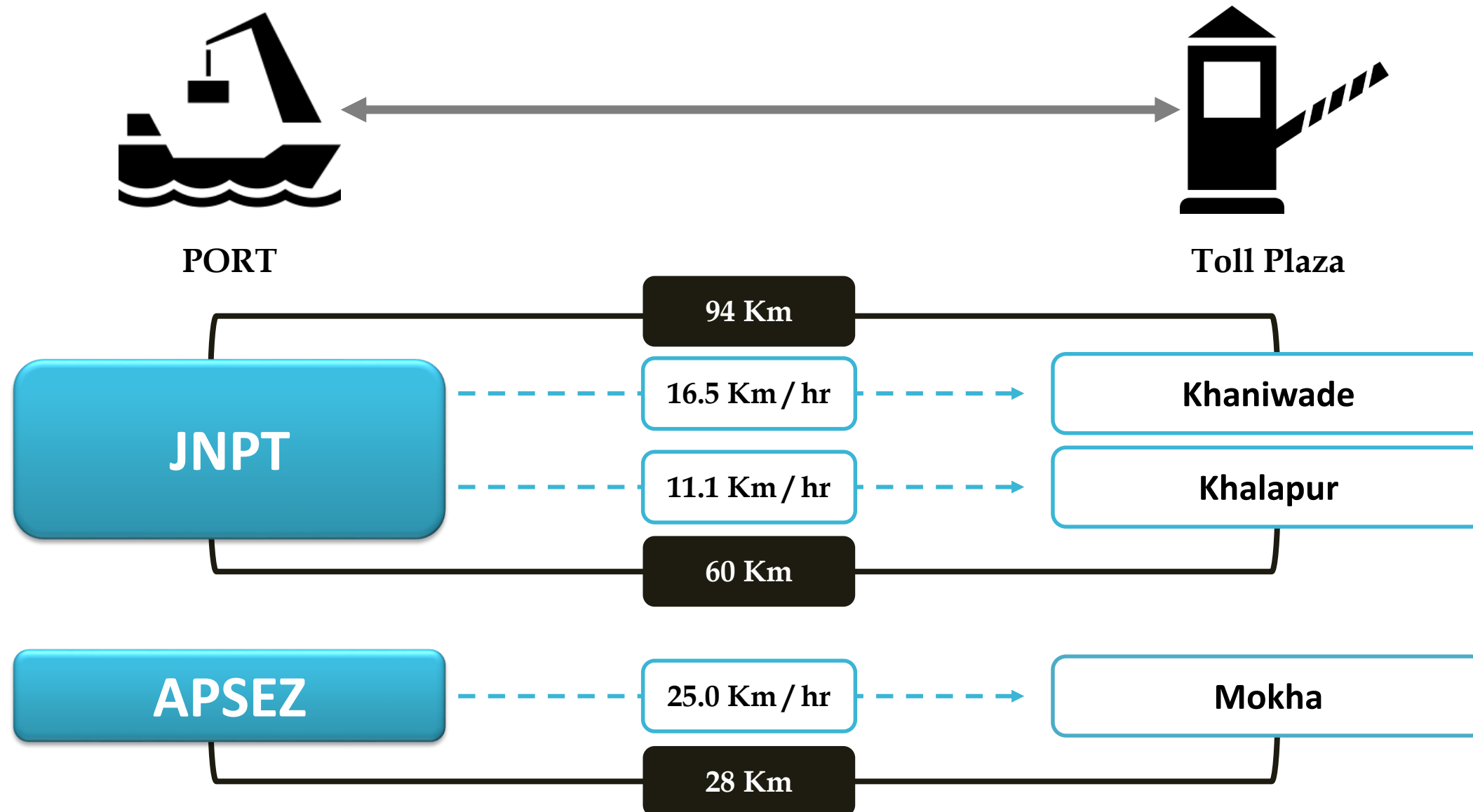
Mode	ICP Raxaul	ICP Jogbani
Overall	421.9 hrs	357.2 hrs
Road	356.6 hrs	357.2 hrs
Rail	431.6 hrs	-

Haldia Port Terminal

Mode	ICP Raxaul	ICP Jogbani
Overall	703.9 hrs	-

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

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)		
				Mar'21	Apr'21	May'21
Western	Hazira	Boriach	77	14.2	12.0	9.9
Eastern	KOPT(Kolkata)	Dankuni	24	1.8	2.1	2.8
	HICT(Haldia)	Debra	100	4.3	7.0	4.9
		Jaladhulagori	101	9.3	9.4	8.8
Southern	Chennai	Surapattu	18	1.9	2.3	2.5
		Nallur	23	1.5	1.8	2.0
	Kochi	Kumbalam	13	2.5	1.2	1.0
		GIPL Palayekara	71	8.3	8.1	6.1
	NMPT (New Manglore)	Brahamarakotlu	25	1.5	5.2	2.5
		Talapady	22.5	1.5	2.7	1.2
		Gundmi	68	5.0	7.3	5.7
	Kattupalli	Surapattu	36	4.9	7.7	6.6
		Nallur	33	6.2	7.0	5.4
	Ennore	Surapattu	35	3.7	3.6	2.9
	Tuticron	VoCPT CheckPost1	4.3	11.9	11.4	12.3

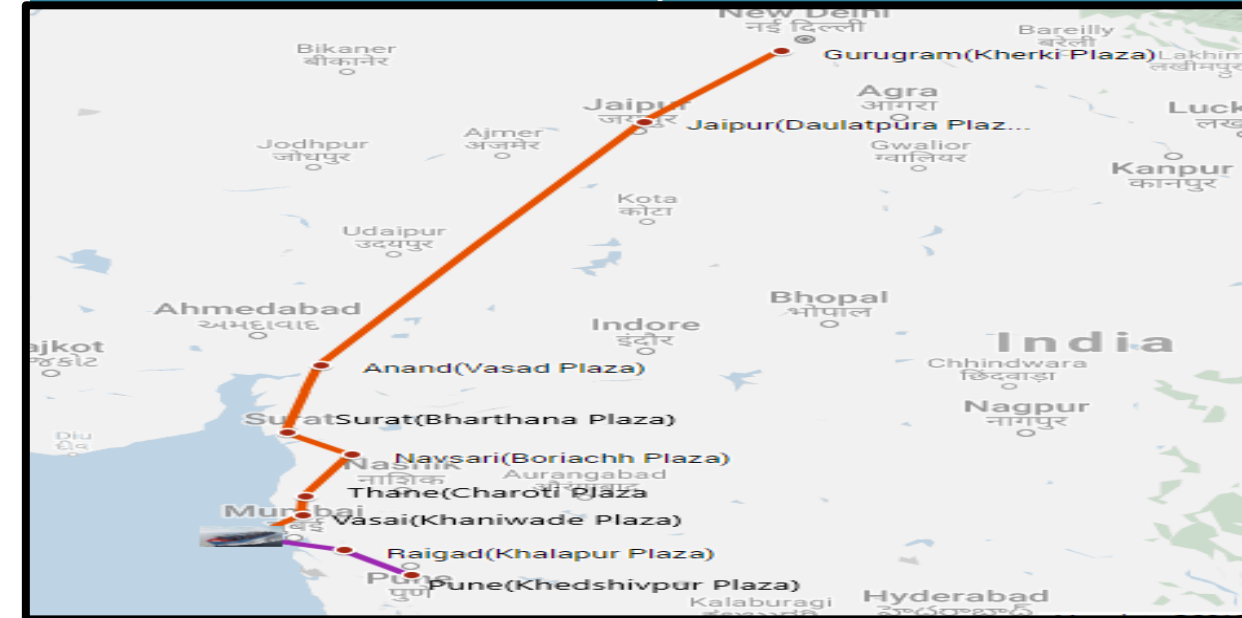
The analysis is based on the container travelling direct from port to toll, i.e. defined by the containers travelling from port to corresponding toll plaza with 2 days

Western Corridor Toll Plaza Analysis

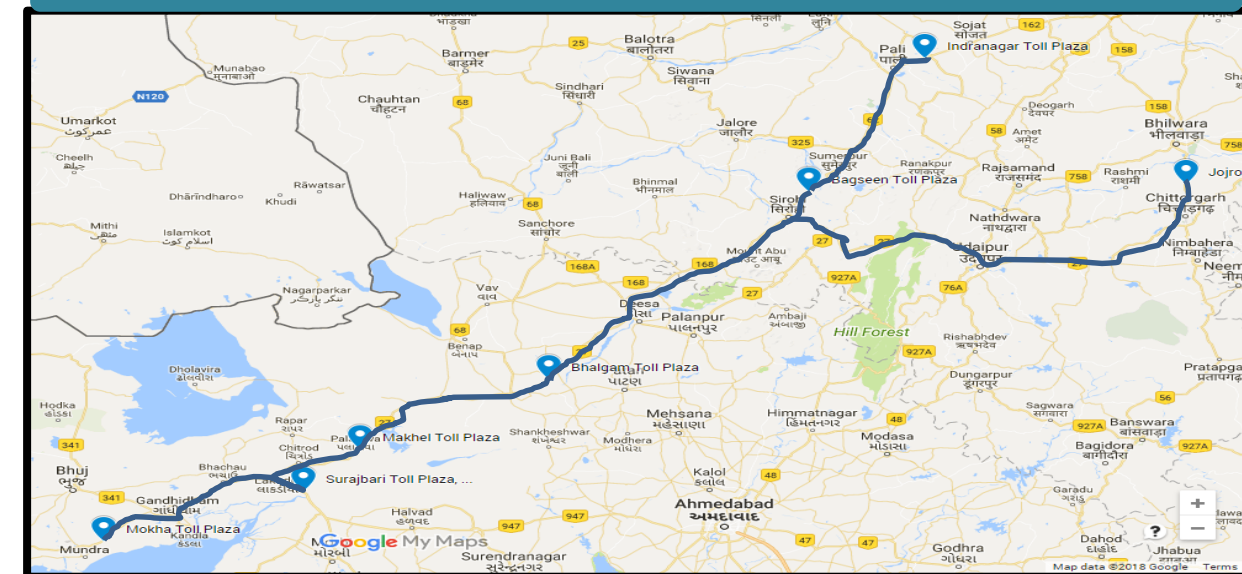
Avg. Speed between Toll to Toll Plazas

	Source	Destination Toll Plaza	Inter Distance (Km)	Apr'21 (in km/hrs)	May'21 (in km/hrs)
JNPT	JNPT	Khaniwade	94	15.8	16.5
	JNPT	Khalapur	60	7.4	11.1
	Khaniwade	Charoti	50	38.3	37.2
	Charoti	Boriach	126	27.7	29.7
	Boriach	Bharthan	142	34.2	33.4
	Bharthan	Vasad	60	40.0	39.5
	Khalapur	Khedshivpur	105	32.1	38.1
APSEZ	APSEZ	Mokha	28	23.9	25.0
	Mokha	Makhel	150	20.5	18.8
	Mokha	Surajbari	115	25.6	25.2
	Makhel	Bhalgam	108	35.0	35.6

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	Glovis India CFS, Kanchipuram	Chennai	73	EFC Logistics India	Mumbai
2	Allcargo Logistics CFS	KOLKATA	38	A S Shipping Agencies CFS, Tiruvallur	Chennai	74	International Cargo Terminals (ULA) CFS, Navi Mumbai	Mumbai
3	Phonex CFS	KOLKATA	39	Continental Warehousing Corporation Nhava Sheva Ltd.	TUTICORIN	75	Hind Terminals Pvt. Ltd. CFS, Mundra	Gujarat
4	Balmer Lawrie CFS	KOLKATA	40	Sudharsan Logistics CFS, Chennai	Chennai	76	TG Terminals CFS, Mundra	Gujarat
5	A L Logistics CFS	HALDIA	41	Prompt Terminals (P) Ltd	TUTICORIN	77	Seabird CFS, Navi Mumbai	Mumbai
6	VPL Integral CFS	VISAKHAPATNAM	42	Vilsons CFS	TUTICORIN	78	Seabird CFS, Mundra	Gujarat
7	Century Plyboards CFS, Sonai	KOLKATA	43	MIV CFS	KOCHI	79	Ashutosh CFS, Mundra	Gujarat
8	Sravan CFS-1	VISAKHAPATNAM	44	Diamond CFS Park	TUTICORIN	80	TG Terminals CFS	Mumbai
9	Ralson Petro Chemicals CFS	HALDIA	45	GDKL CFS	KOCHI	81	APM (Maersk India) CFS, Navi Mumbai	Mumbai
10	Gateway East India CFS	VISAKHAPATNAM	46	Sattva Cfs And Logistics CFS, Chennai	Chennai	82	Ashte Logistics CFS, Panvel	Mumbai
11	VCT CFS	VISAKHAPATNAM	47	Hind Terminals CFS, Chennai	Chennai	83	Sarveshwar CFS	Mumbai
12	SICAL CFS	VISAKHAPATNAM	48	Chandra CFS, Tiruvallur	Chennai	84	Hind Terminal CFS, Hazira	Gujarat
13	LCL Freight Solutions	HALDIA	49	A.S.Shipping Agencies Pvt Ltd	TUTICORIN	85	Vaishno Logistics CFS, Navi Mumbai	Mumbai
14	Sical CFS, Chennai Tiruvallur Tamil Nadu	Chennai	50	Kerry Indev Logistics Private Limited / Continental Container Freight Station	TUTICORIN	86	Navkar Corporation Yard 2 CFS, Panvel	Mumbai
15	Allcargo Global Logistics CFS, Chennai	Chennai	51	Sical Multimodal and Rail Transport Ltd. - CFS Division	TUTICORIN	87	Balmer & Lawrie CFS, Navi Mumbai	Mumbai
16	Concor CFS, Chennai	Chennai	52	Viking Warehousing CFS, Chennai	Chennai	88	Apollo Logisolutions CFS, Panvel	Mumbai
17	ALS Tuticorin Terminal Private Limited	TUTICORIN	53	German Express Shipping Agency CFS, Chennai	Chennai	89	Rishi CFS, Mundra	Gujarat
18	Gateway Distriparks CFS, Chennai	Chennai	54	Sun Global Logistics CFS, Kanchipuram	Chennai	90	Ocean Gate CFS, Panvel	Mumbai
19	Continental Warehousing Corporation CFS (Nhava Seva), Chennai	Chennai	55	Thiru Rani Logistics CFS, Tiruvallur	Chennai	91	Honey Comb CFS, Mundra	Gujarat
20	Continental Warehousing Corporation CFS (Nhava Seva), Tiruvallur	Chennai	56	STP Services CFS, Chennai	Chennai	92	Mundhra CFS, Mundra	Gujarat
21	Kerry Indev Logistics ICD, Kanchipuram	Chennai	57	CWC Hind Terminal CFS, Navi Mumbai	Mumbai	93	Indev Logistics CFS, Panvel	Mumbai
22	Ennore Cargo Container Terminal CFS, Chennai	Chennai	58	Ameya Logistics CFS, Navi Mumbai	Mumbai	94	Dronagiri Rail Terminal CFS, Navi Mumbai	Mumbai
23	Sattva Hi-Tech And Conware CFS, Chennai	Chennai	59	AllCargo Logistics	Mumbai	95	CWC Impex Park CFS, Navi Mumbai	Mumbai
24	Raja Agencies CFS	TUTICORIN	60	Gateway Distriparks CFS, Navi Mumbai	Mumbai	96	Seabird CFS, Hazira	Gujarat
25	St. John Freight Systems Ltd. - ICD Division	TUTICORIN	61	Speedy Multimode CFS, JNPT	Mumbai	97	Transworld CFS, Mundra	Gujarat
26	Kailash Shipping Services CFS, Chennai	Chennai	62	Saurashtra CFS, Mundra	Gujarat	98	Navkar Corporation Yard 1 CFS, Panvel	Mumbai
27	Apm Terminals India CFS, Tiruvallur	Chennai	63	Navkar Corporation Yard 3 CFS, Panvel	Mumbai	99	Take Care Logistics CFS	Mumbai
28	Sanco Trans CFS, Chennai	Chennai	64	Adani CFS, Hazira	Gujarat	100	Maersk Annex (APM)CFS, Navi Mumbai	Mumbai
29	Adani CFS, Kattupalli Tiruvallur Tamil Nadu	Chennai	65	Adani CFS Eximyard, Mundra	Gujarat	101	AllCargo CFS, Mundra	Gujarat
30	Chola Logistik Pvt Ltd	TUTICORIN	66	International Cargo Terminal CFS	Mumbai	102	Maharashtra State Corp CFS	Mumbai
31	Seabird CFS, Krishnapatnam	KRISHNAPATNAM	67	CWC CFS, Mundra	Gujarat	103	A V Joshi CFS	Gujarat
32	Hari CFS	TUTICORIN	68	Continental Warehousing CFS, Navi Mumbai	Mumbai	104	Empezar Logistics CFS	Gujarat
33	Triway CFS, Chennai	Chennai	69	Punjab Conware CFS, Navi Mumbai	Mumbai	105	SBW Logistics CFS, Navi Mumbai	Mumbai
34	Calyx Container Terminal CFS, Chennai	Chennai	70	JWC Logistics Park CFS	Mumbai			
35	Gateway Distripark CFS, Krishnapatnam	KRISHNAPATNAM	71	JWR CFS	Mumbai			
36	Balmer Lawrie CFS, Chennai	Chennai	72	MICT CFS, Mundra	Gujarat			

List of CFS name used in CFS Performance Index

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

List of ICD name used in ICD Performance Index

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

List of CFS name used in Southern CFS Performance Index

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

List of CFS name used in Eastern CFS Performance Index

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



THANK YOU