

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

Gujarat Region

Import	Export
22.2 hrs	135.4 hrs

Mumbai Region

Import	Export
21.6 hrs	74.2 hrs

Kochi Region

Import	Export
46.7 hrs	84.0 hrs

Tuticorin Region

Import	Export
21.4 hrs	68.4 hrs

Kolkata Region

Import	Export
33.9 hrs	145.7 hrs

Vishakhapatnam Region

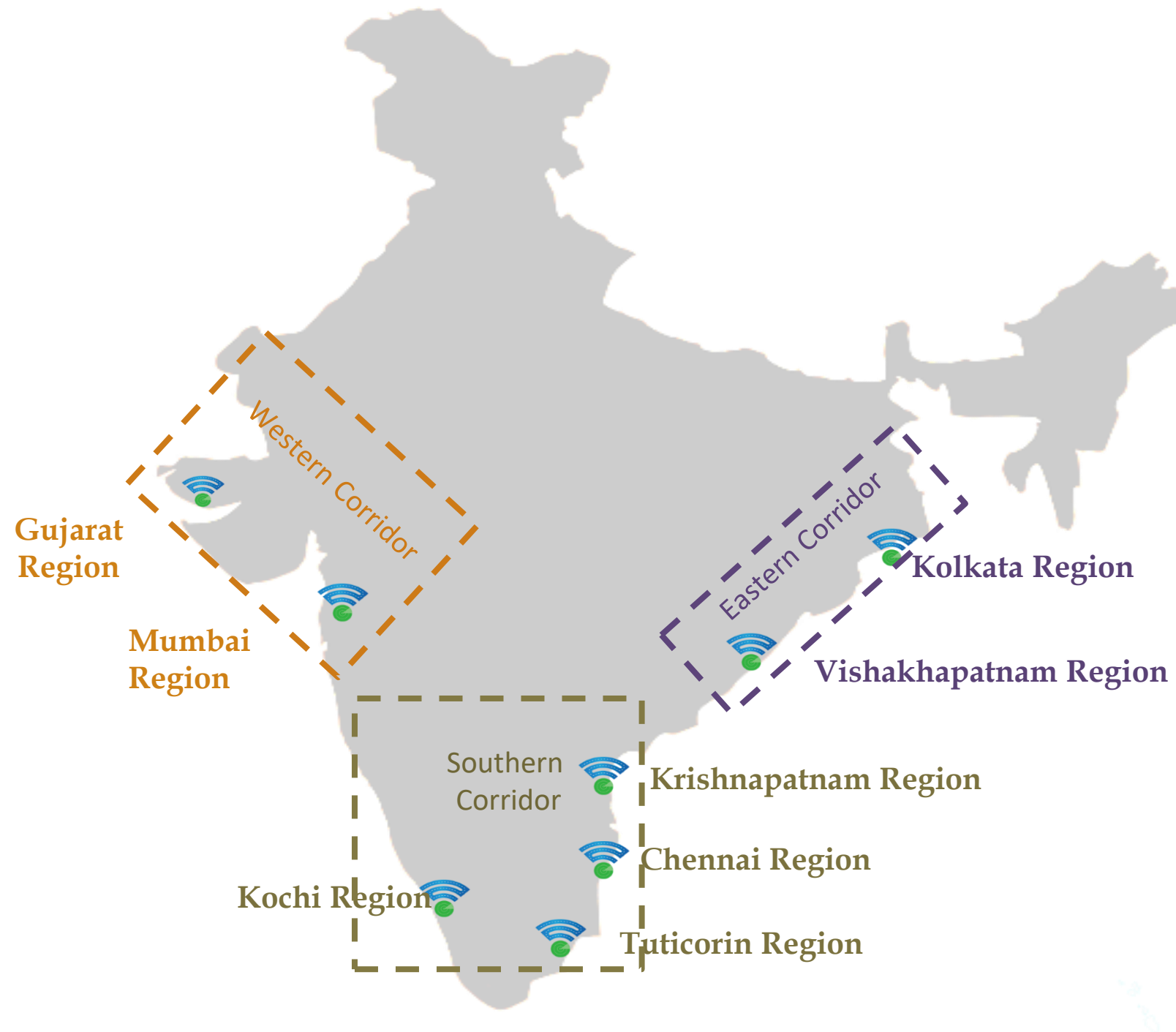
Import	Export
50.9 hrs	98.9 hrs

Krishnapatnam Region

Import	Export
65.9 hrs	71.0 hrs

Chennai Region

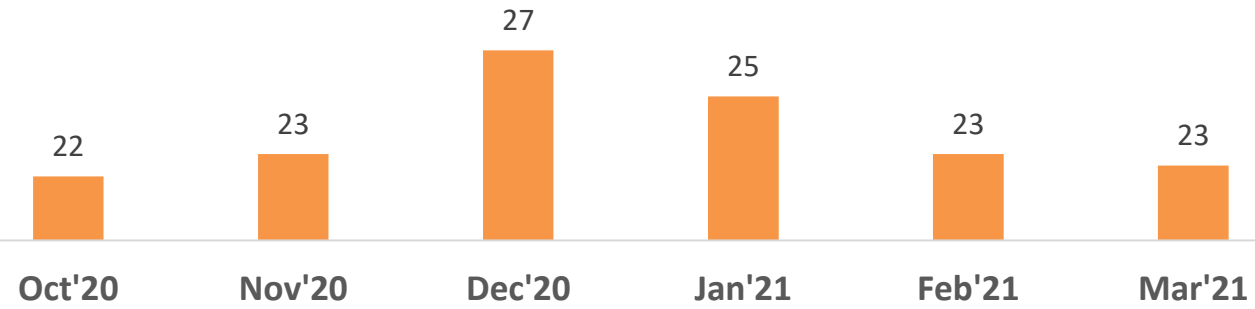
Import	Export
66.3 hrs	74.6 hrs



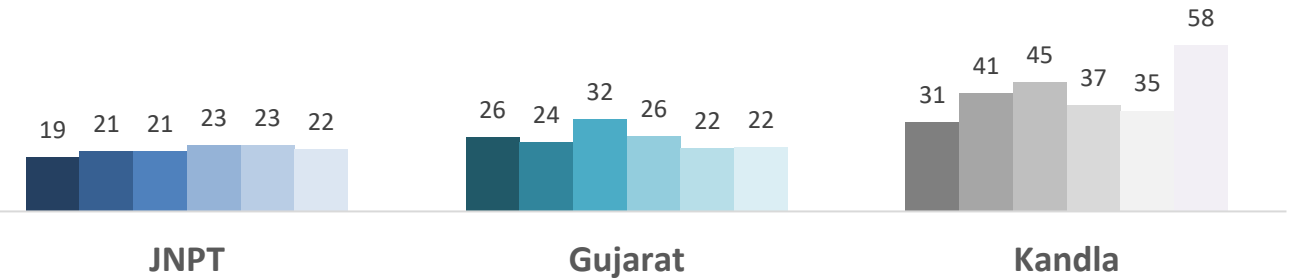
Port Dwell Time Performance – Western Corridor (Import Cycle)

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

Western Corridor

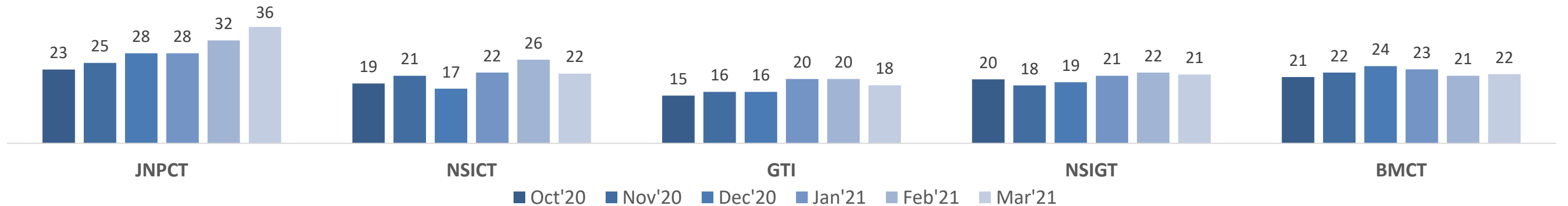


Port - Wise

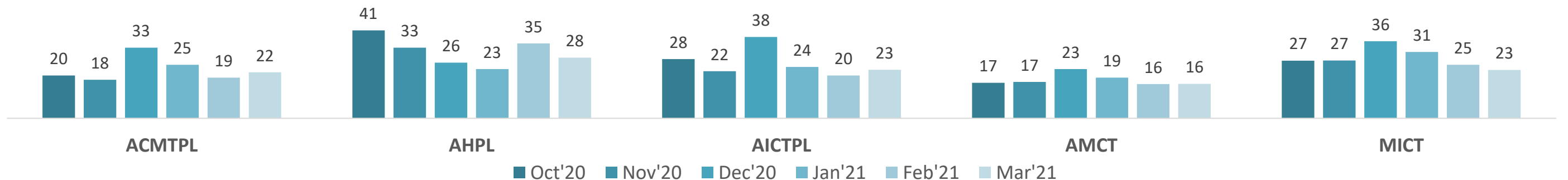


Above chart depicts the Ports performance for the duration of last six months

JNPT - Terminal



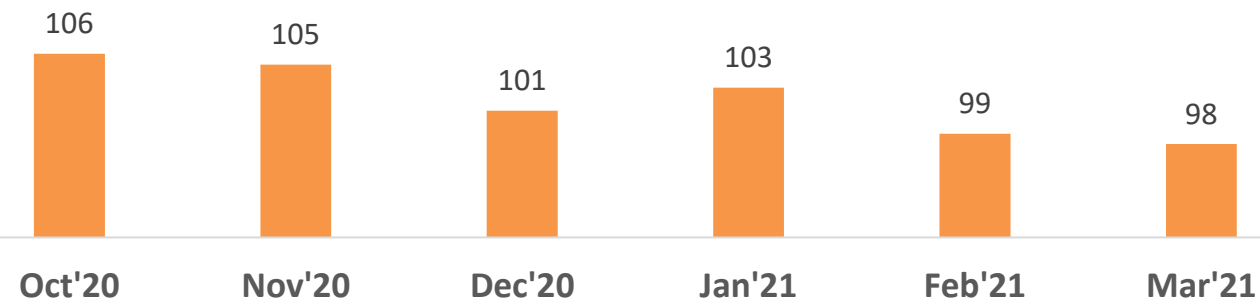
Gujarat - Terminal



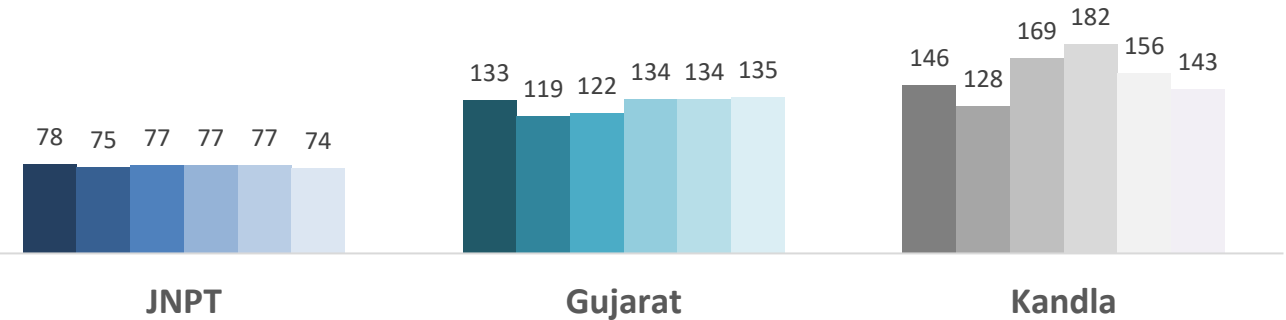
Port Dwell Time Performance – Western Corridor (Export Cycle)

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

Western Corridor

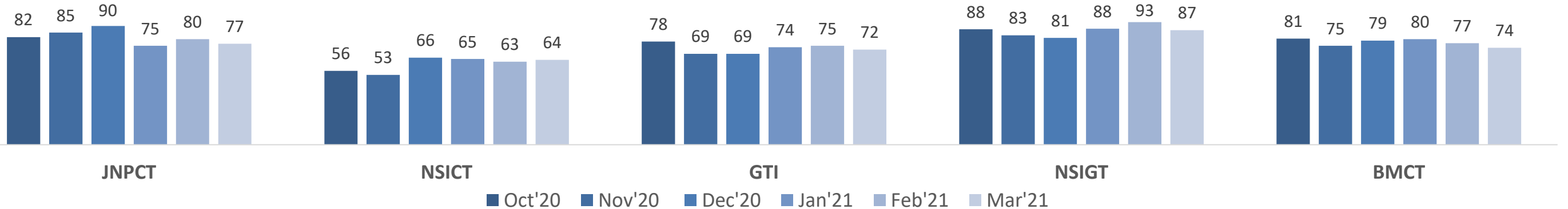


Port - Wise

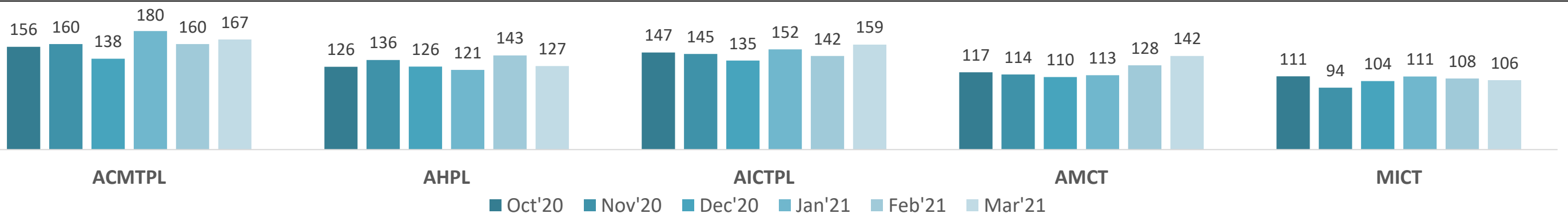


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JNPT - Terminal



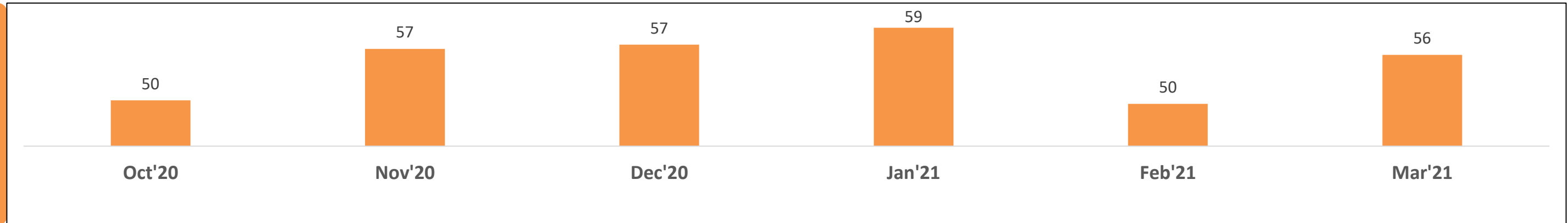
Gujarat - Terminal



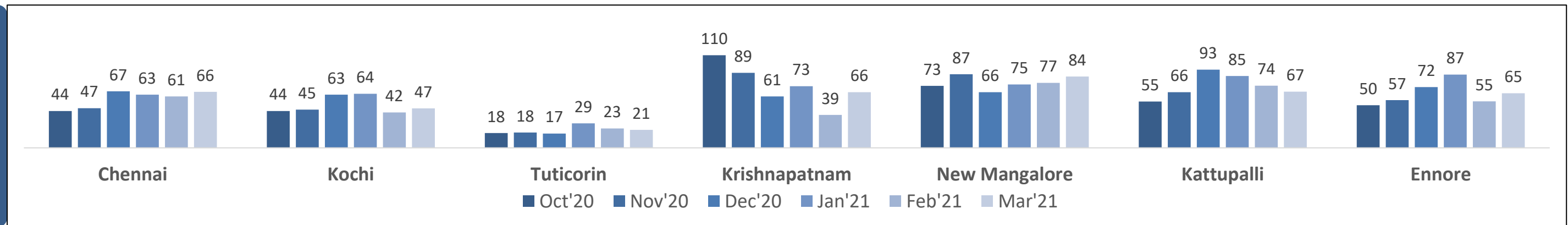
Port Dwell Time Performance – Southern Corridor (Import Cycle)

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

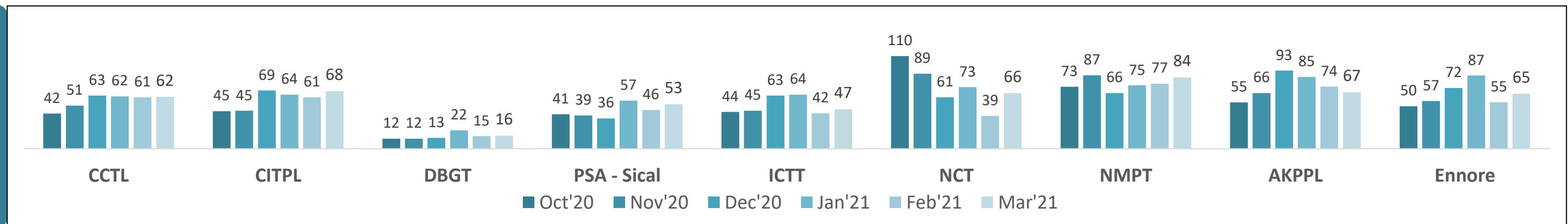
Southern Corridor



Port - Wise



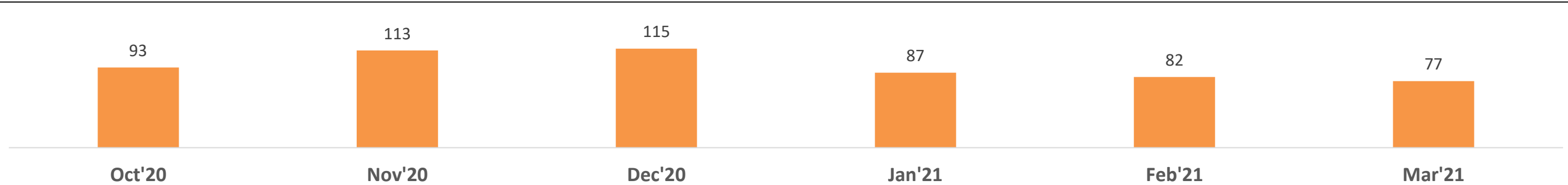
Terminal - Wise



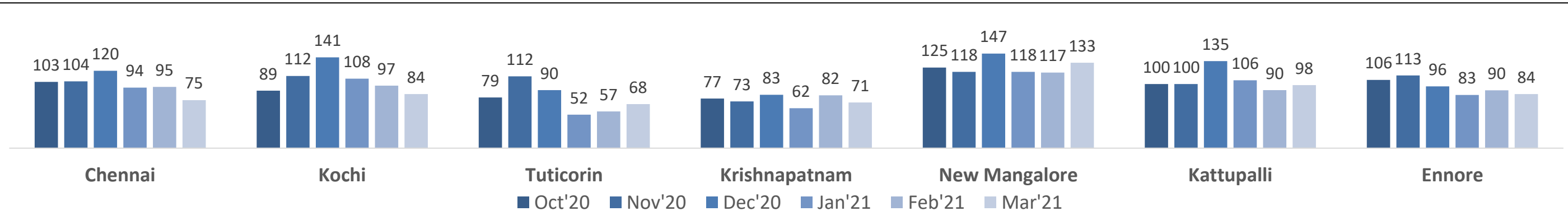
Port Dwell Time Performance – Southern Corridor (Export Cycle)

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

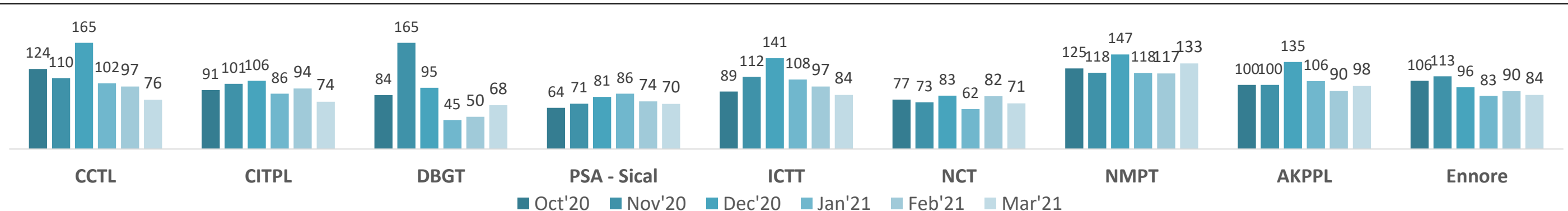
Southern Corridor



Port - Wise



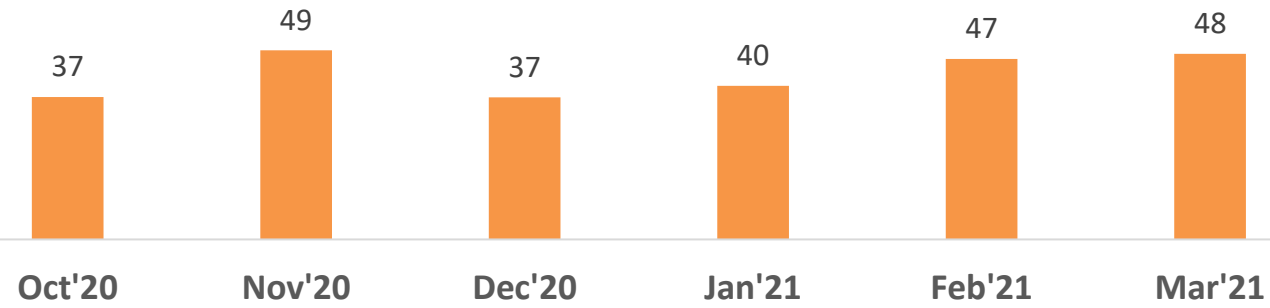
Terminal - Wise



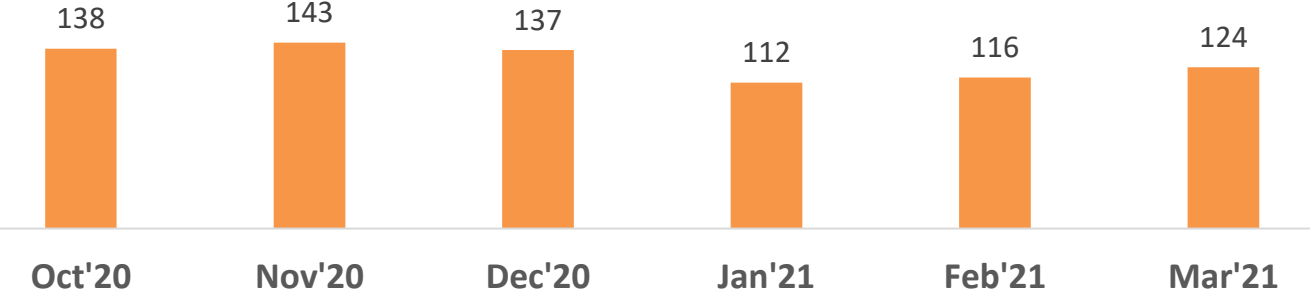
Port Dwell Time Performance – Eastern Corridor

Import Cycle (in hrs)

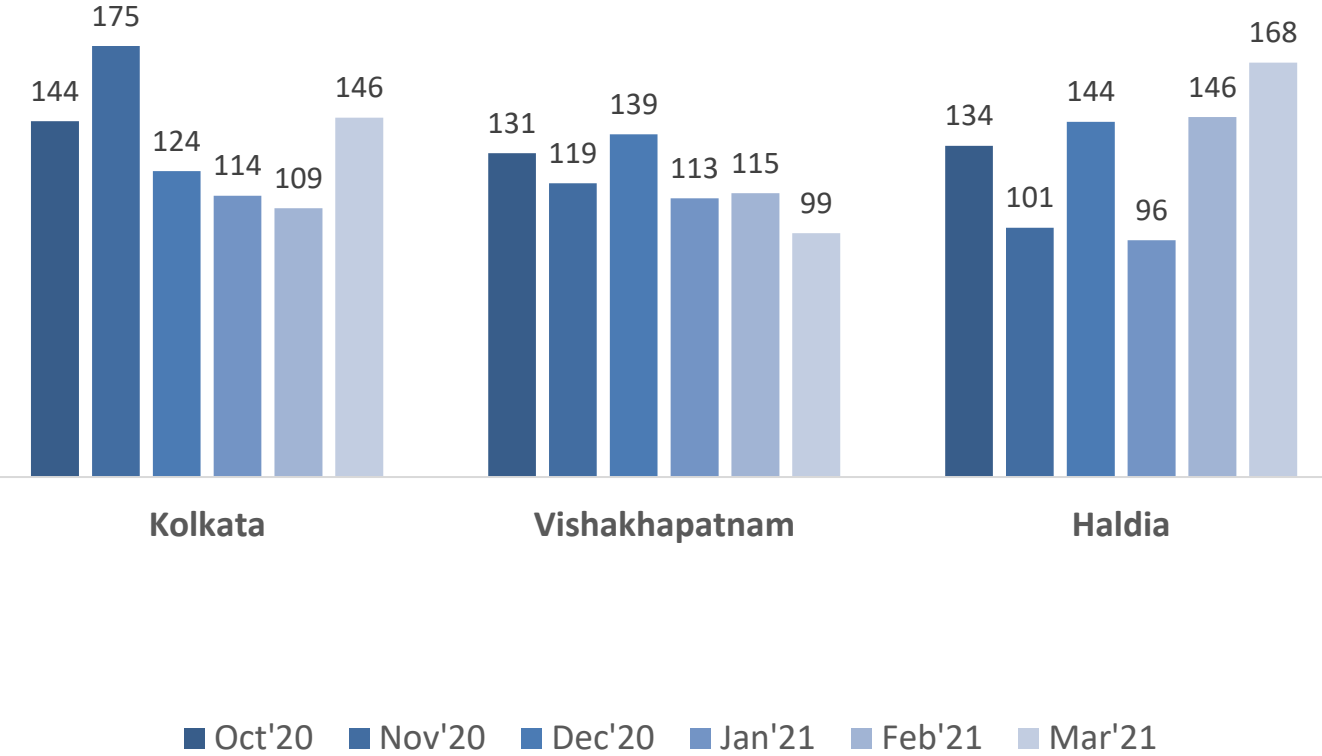
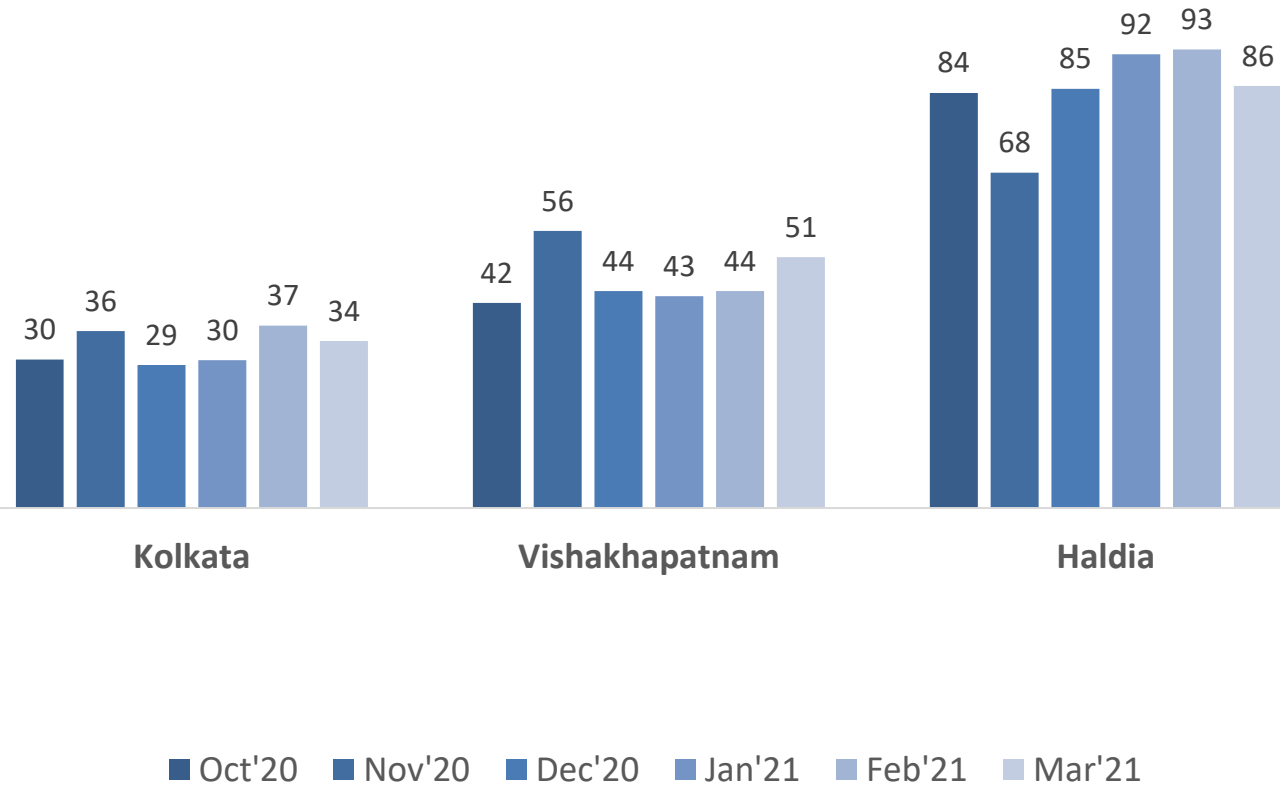
Eastern Corridor



Export Cycle (in hrs)







Port - Wise



Western Corridor

- The Overall container handling performance in Western Corridor in both Import & Export Cycle has improved by 3% & 1%
- The container handling performance at CFS has improved by 3.7%. Also, ICD performance has also improved by 2.7%.

Month	Import cycle - Dwell Time	Export cycle - Dwell Time	CFS Dwell Time	ICD Dwell Time
Mar'21	22.6 hrs 	98.1 hrs 	88.4 hrs 	125.9 hrs 
Feb'21	23.2 hrs	99.0 hrs	91.8 hrs	129.4 hrs



Southern Corridor

- The Overall container handling performance in Southern Corridor in Import Cycle has deteriorated by 10.5% & in Export Cycle has improved by 9.3%
- The container handling performance at CFS has improved by 15%

Month	Import cycle - Dwell Time	Export cycle - Dwell Time	CFS Dwell Time
Mar'21	55.8 hrs 	77.2 hrs 	101.1 hrs 
Feb'21	50.5 hrs	85.1 hrs	118.5 hrs

Eastern Corridor

- The Overall container handling performance in Eastern Corridor in both Import & Export Cycle has deteriorated by 4% & 6%
- The container handling performance at CFS has improved by 7%

Month	Import Cycle - Dwell Time	Export Cycle - Dwell Time	CFS Dwell Time
Mar'21	48.3 hrs 	123.7 hrs 	118.0 hrs 
Feb'21	46.5 hrs	116.3 hrs	126.4 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)
March'21	8.0 Days

EXPORT CYCLE

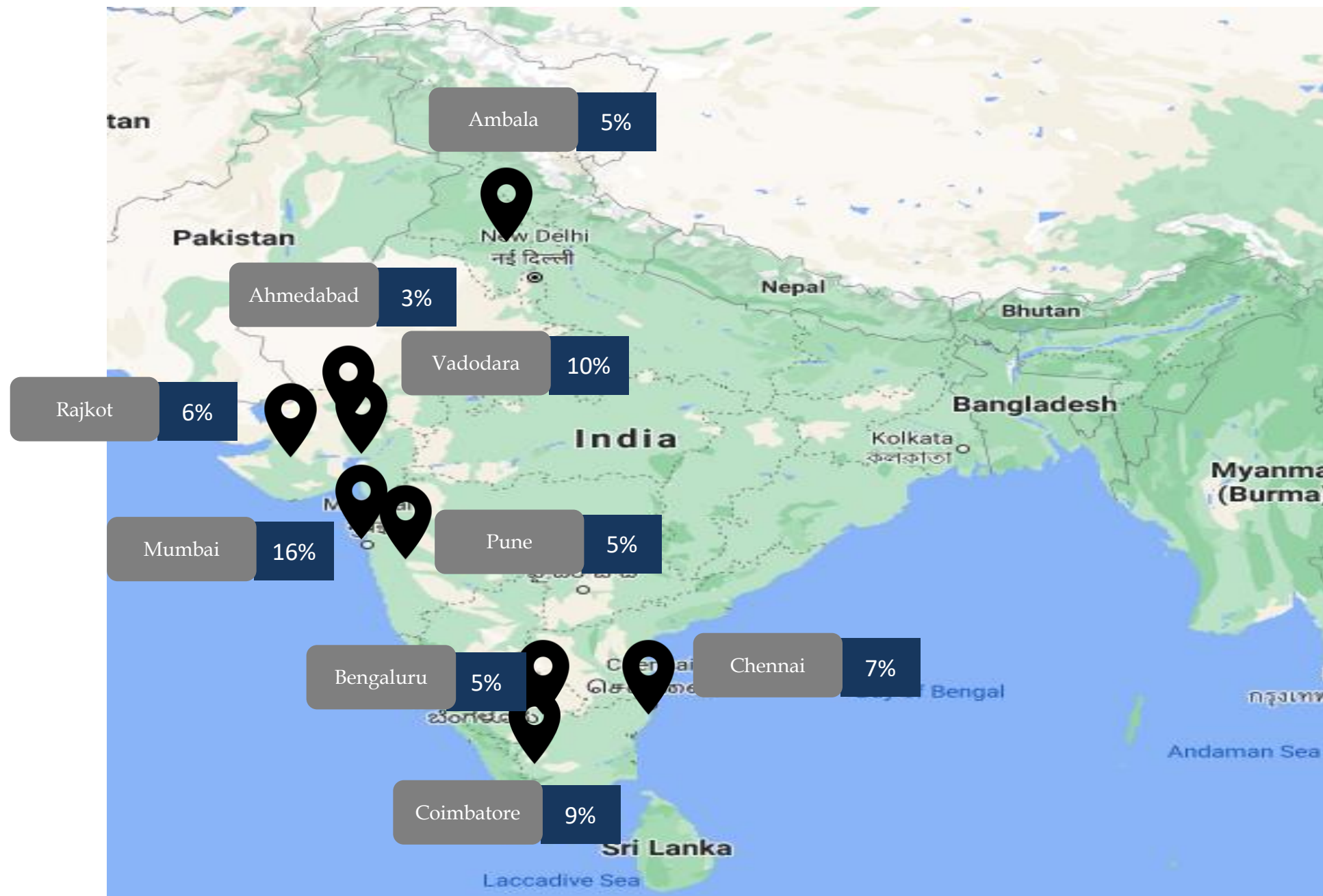
Below analysis depicts the average custom process duration for containers in PAN India for the respective month in export cycle

Custom process duration analysis is the average time taken to get LEO order (custom clearance date) from the time of shipping bill entry

Custom process duration analysis = (Customer clearance date (LEO) – Shipping bill entry)

PAN India Overall (Export Cycle)	
Month	Custom process duration analysis (in Days)
March'21	1.0 Day

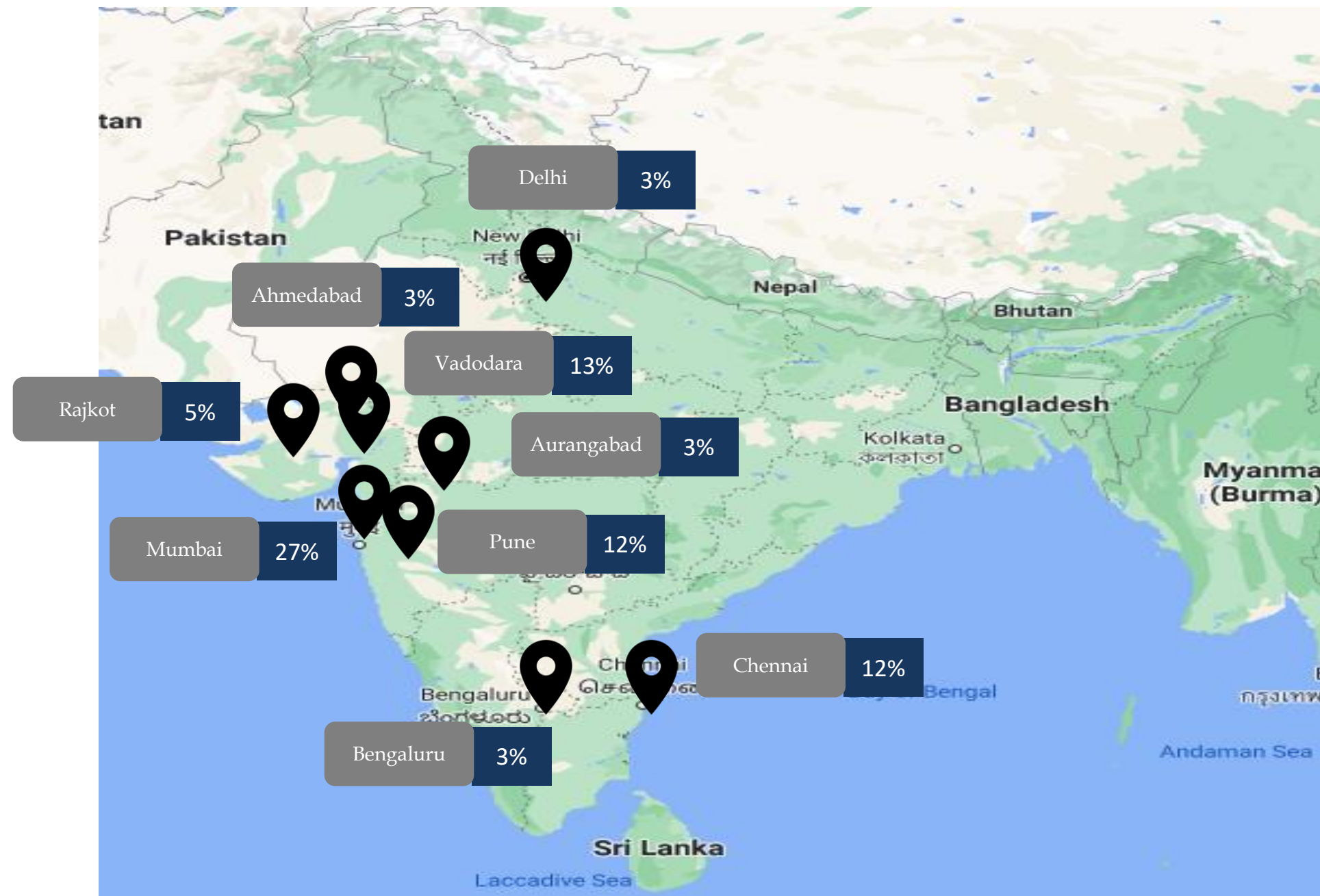
Below Heat Map depicts the export origin of containers.



Month of Mar'21	
Export Origin	Traffic (in %)
Mumbai	17%
Vadodara	10%
Coimbatore	9%
Chennai	8%
Rajkot	7%
Pune	6%
Ambala	5%
Bengaluru	5%
Ahmedabad	3%
Others	30%

Custom Process Data Heat Map Analysis: Import

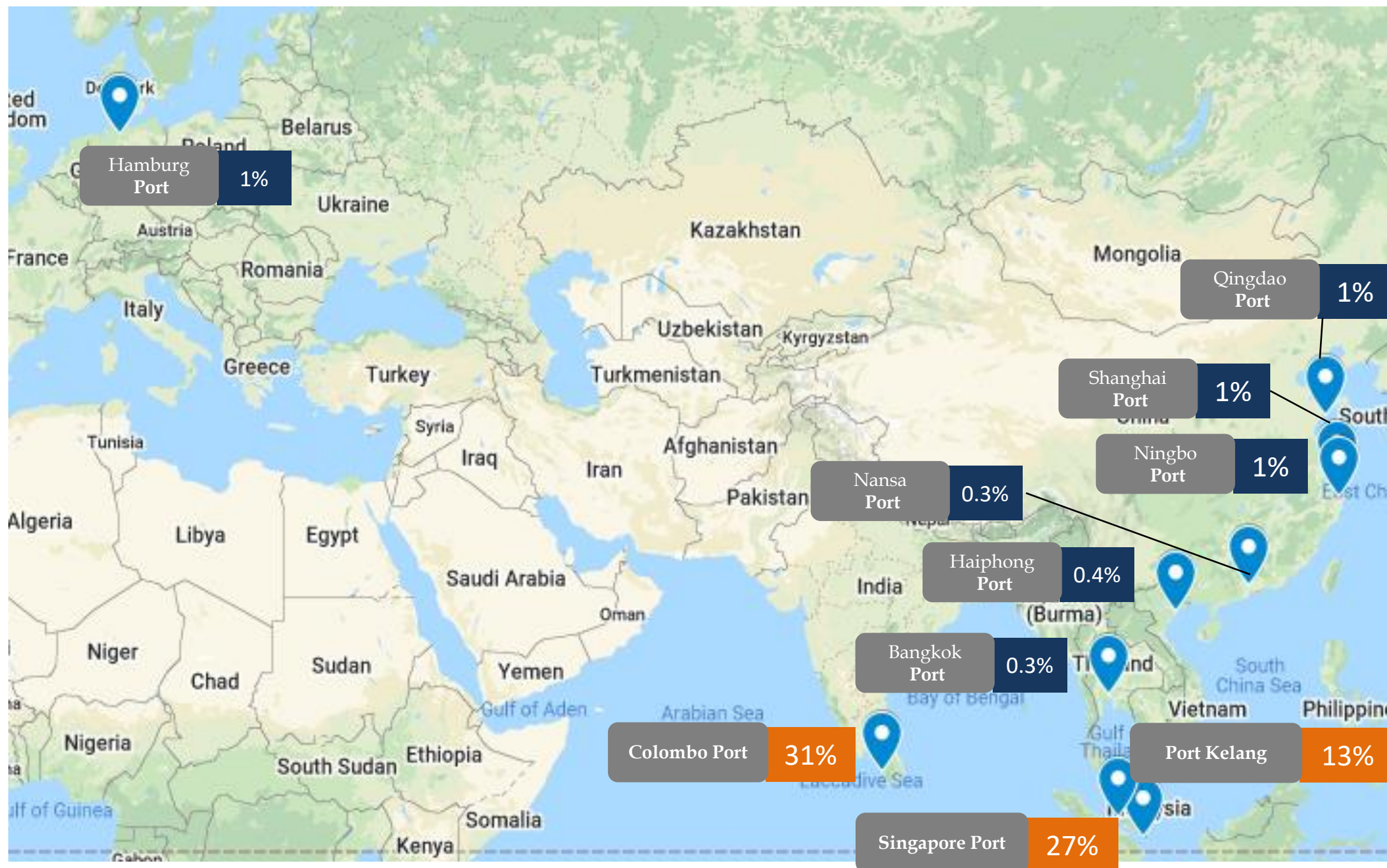
Below Heat Map depicts the Destination of containers in import cycle.



Month of Mar'21	
Import Destination	Traffic (in %)
Mumbai	27%
Vadodara	13%
Pune	12%
Chennai	12%
Rajkot	5%
Ahmedabad	3%
Bengaluru	3%
Delhi	3%
Aurangabad	3%
Others	19%

Vessel Heat Map analysis: Export

Below Heat Map depicts the export destinations of containers from India

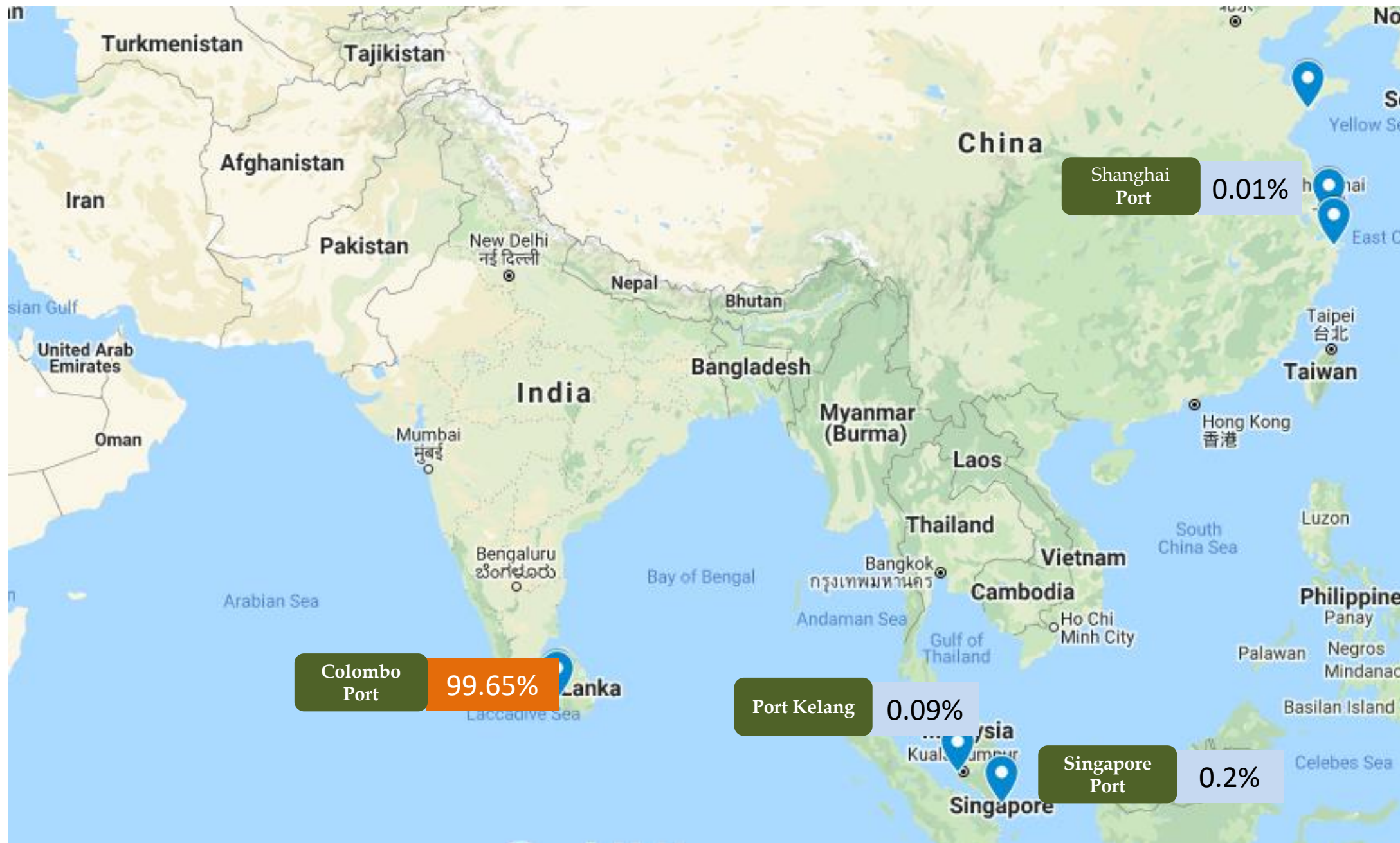


Month of Mar'21	
Import Cycle Origin	Volume (in %)
Singapore Port	27%
Colombo	31%
Shanghai	1%
Port Kelang	13%
Bangkok	0.3%
Qingdao	1%
Haiphong	0.4%
Ningbo	1%
Nansha	0.3%
Hamburg	1%
Others	24%

Port kelang and klang are depicted at common loc

Vessel Heat Map analysis: Import

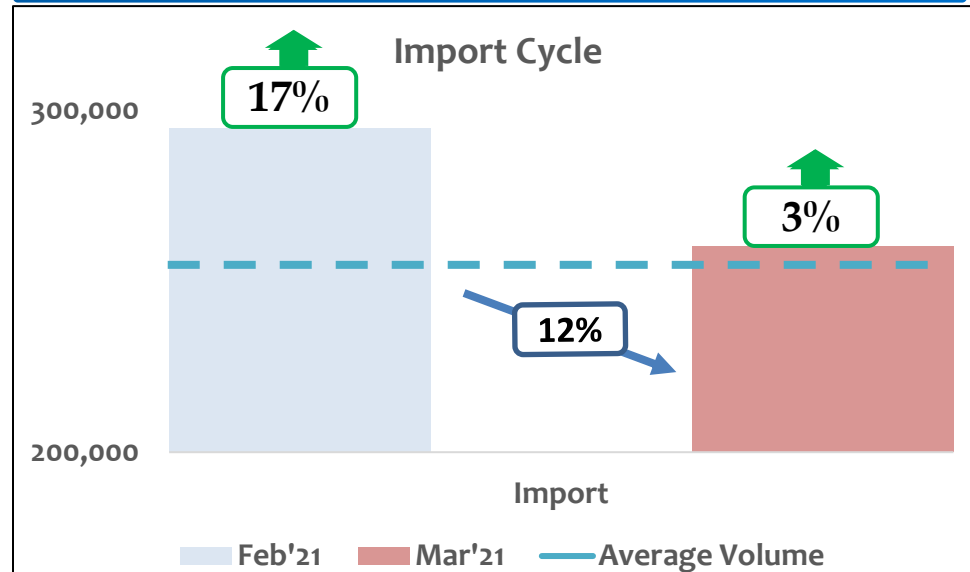
Below Heat Map depicts the Origin of containers in import cycle for India



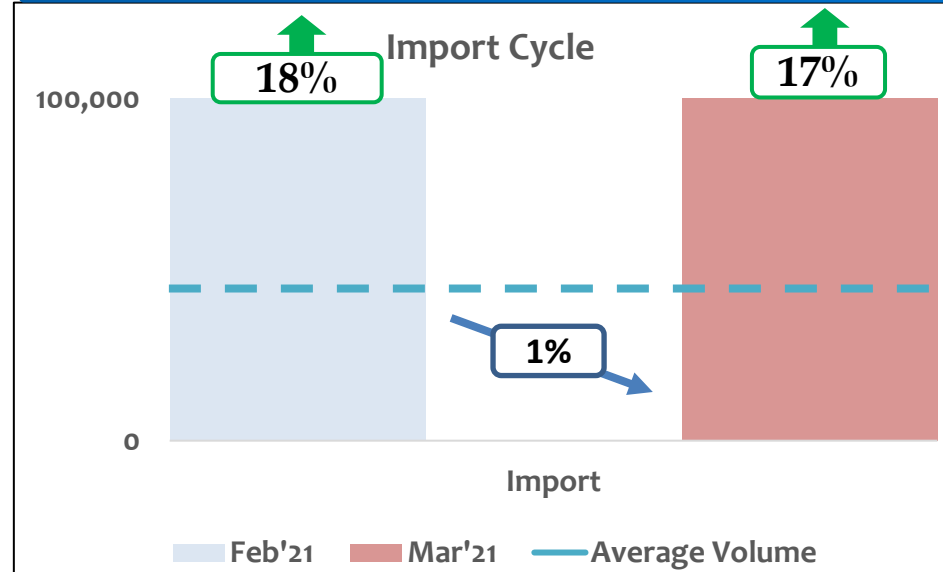
Month of Mar'21	
Import cycle Origin	Volume (in %)
Colombo	99.65%
Port Kelang	0.09%
Singapore Port	0.20%
Shanghai	0.01%
Others	0.1%

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

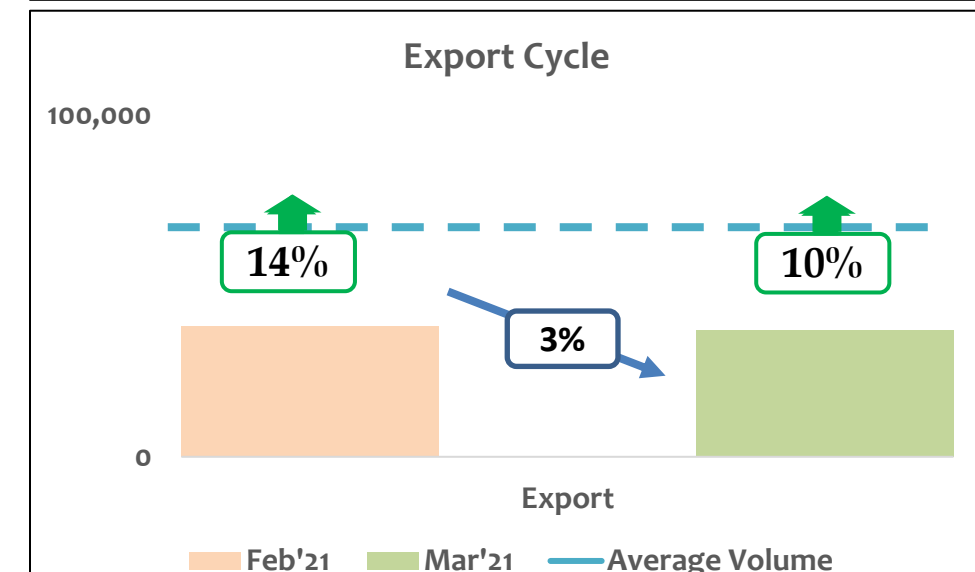
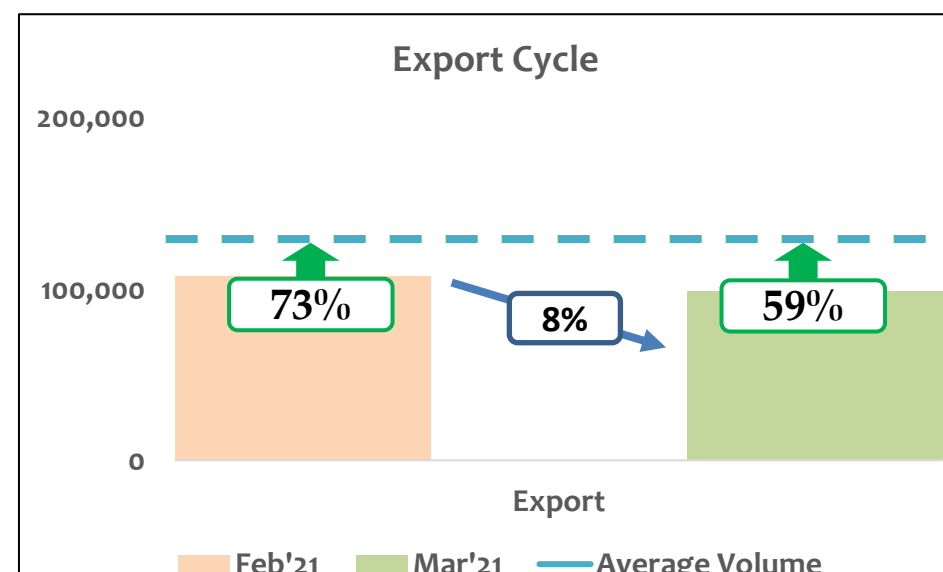
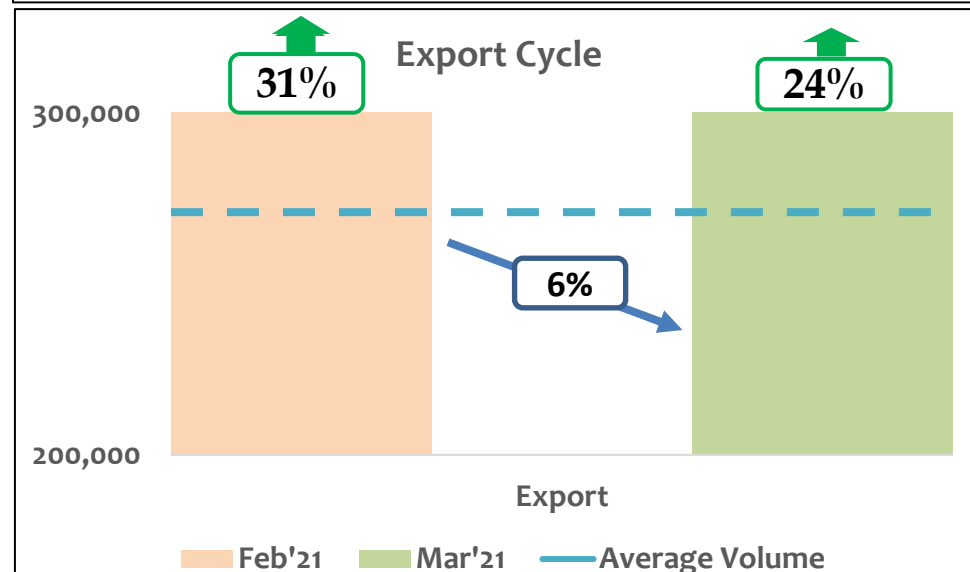
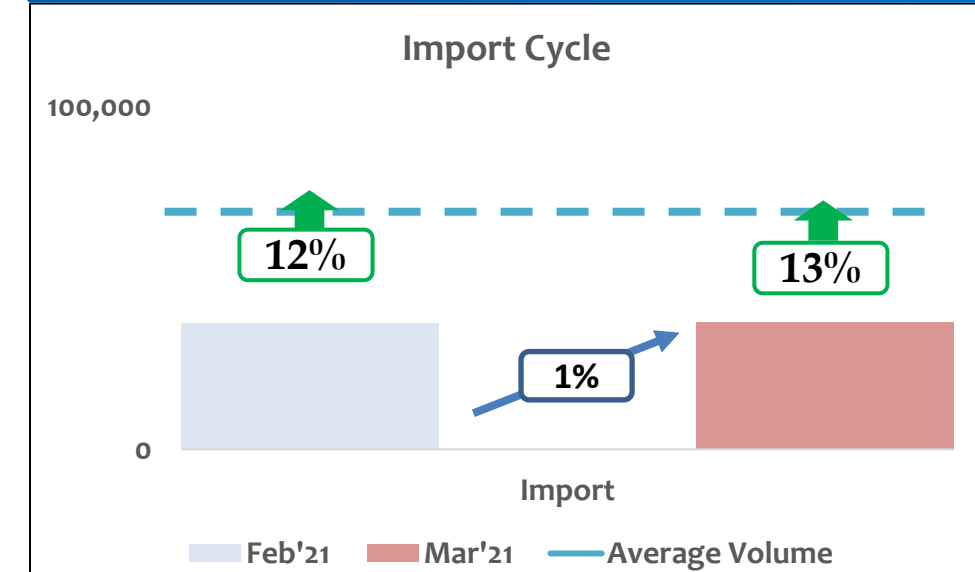
Western Corridor



Southern Corridor



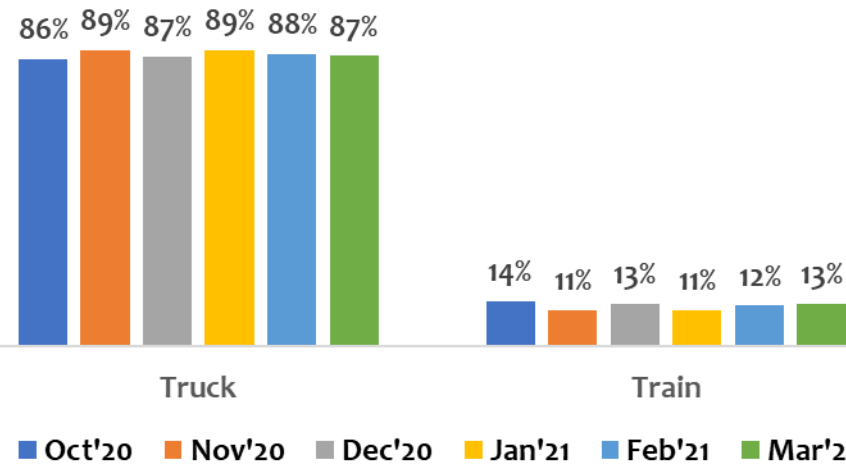
Eastern Corridor



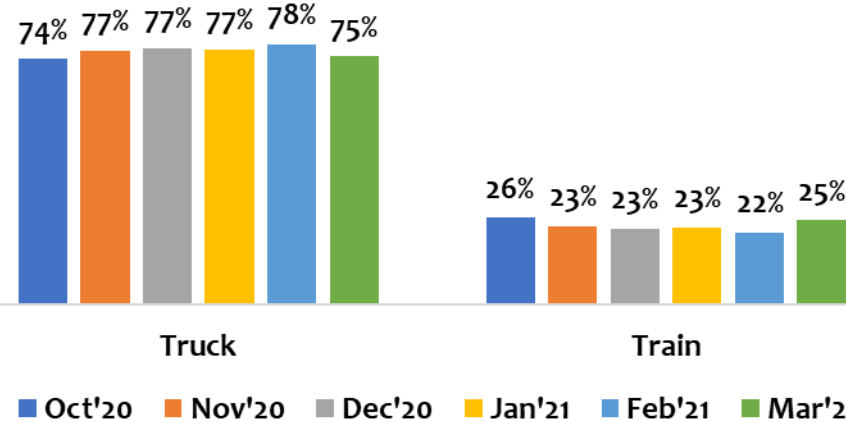
Below table depicts the volume % share of Truck & Train and impact of Covid-19 on the Traffic movements and the difficulty of road movements during the lockdown

Western Corridor

Import Cycle

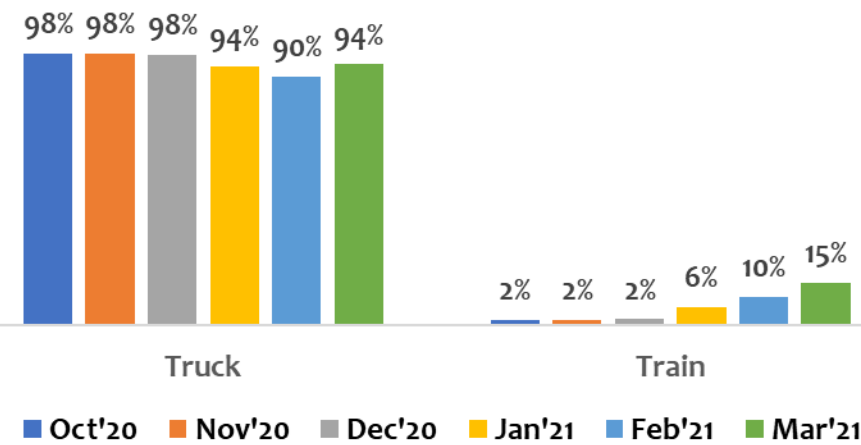


Export Cycle

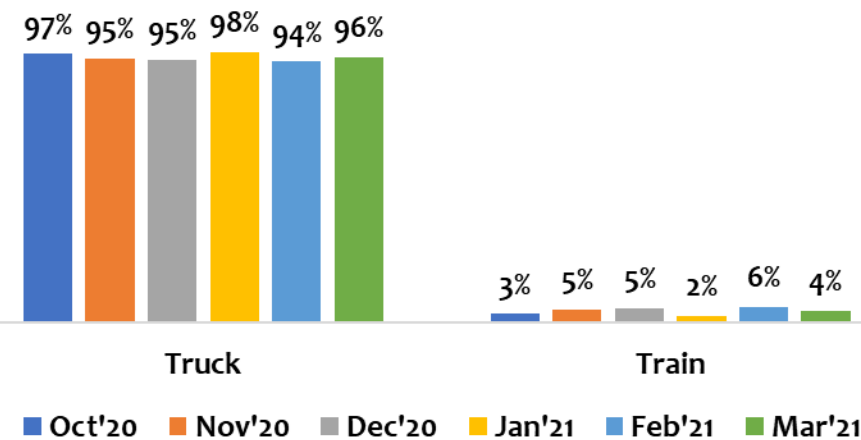


Southern Corridor

Import Cycle

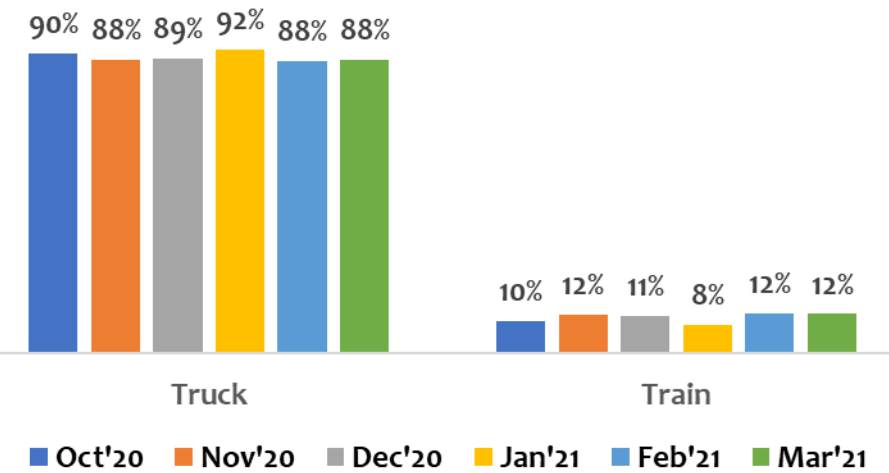


Export Cycle

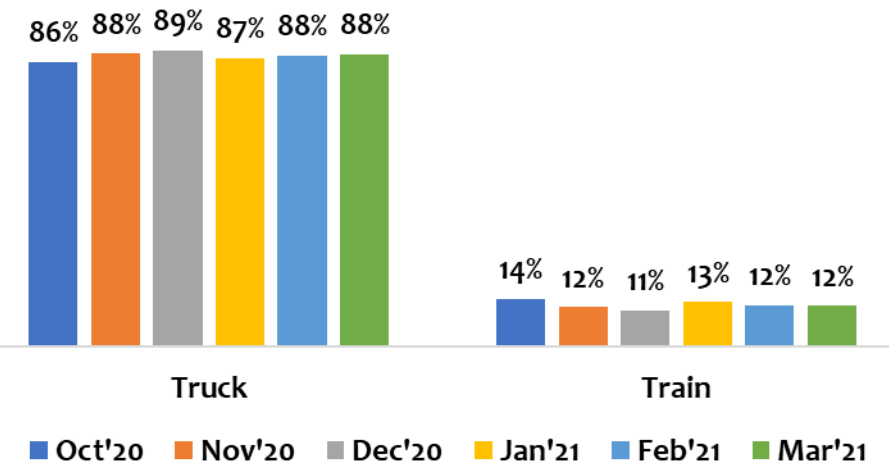


Eastern Corridor

Import Cycle



Export Cycle

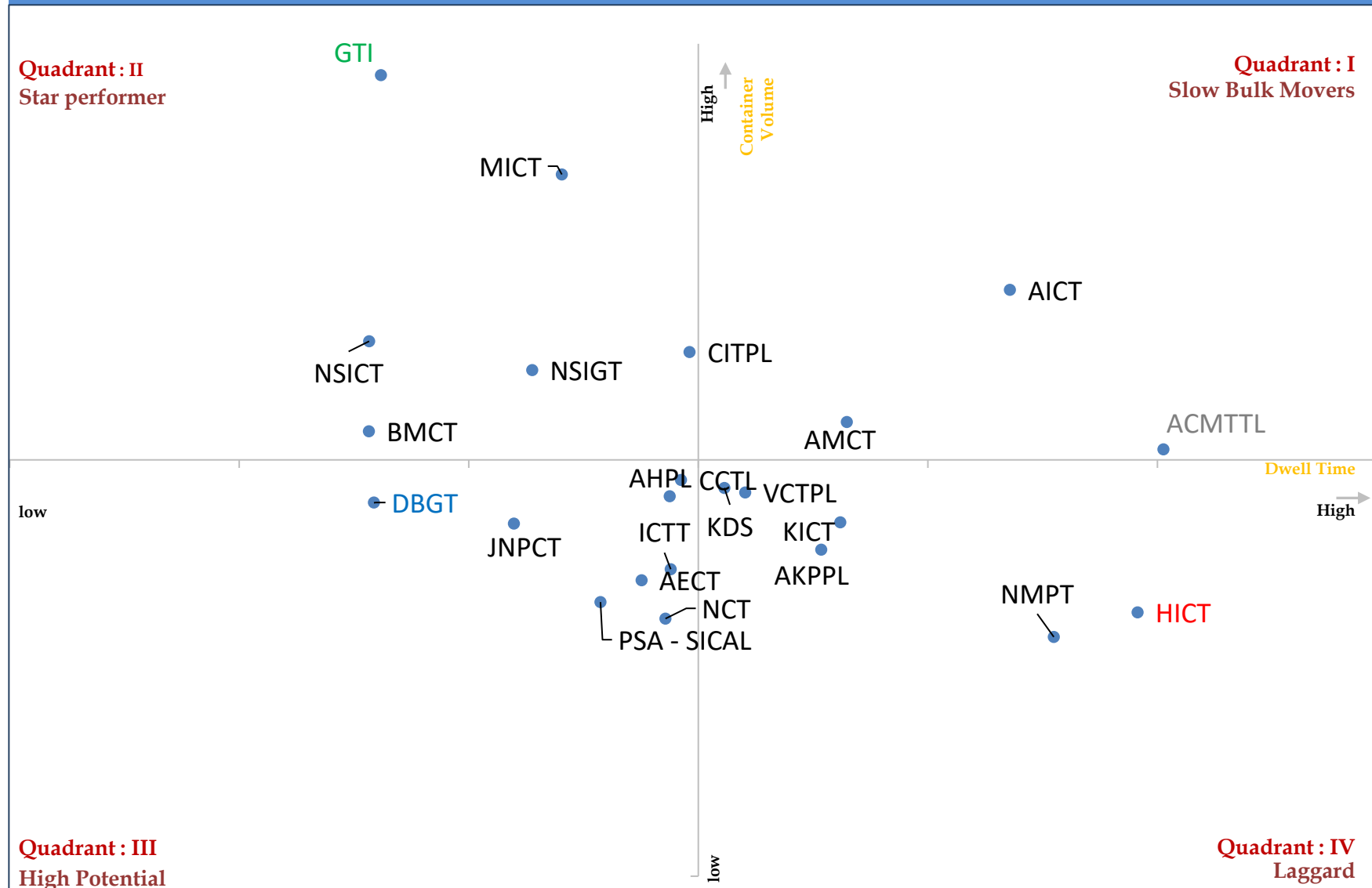




Performance Benchmarking - Port Terminals

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


Port Terminal Performance Index - Mar'21



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

Top Performing Terminal

Gateway Terminals India (GTI)

Feb'21	Mar'21
39.5 Hrs	38.2 Hrs. 

Low Performing Terminal)

Haldia International Container Terminal (HICT)

Feb'21	Mar'21
108.9 Hrs	117.4 Hrs 

Note: The performance benchmarking is based on performance index



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

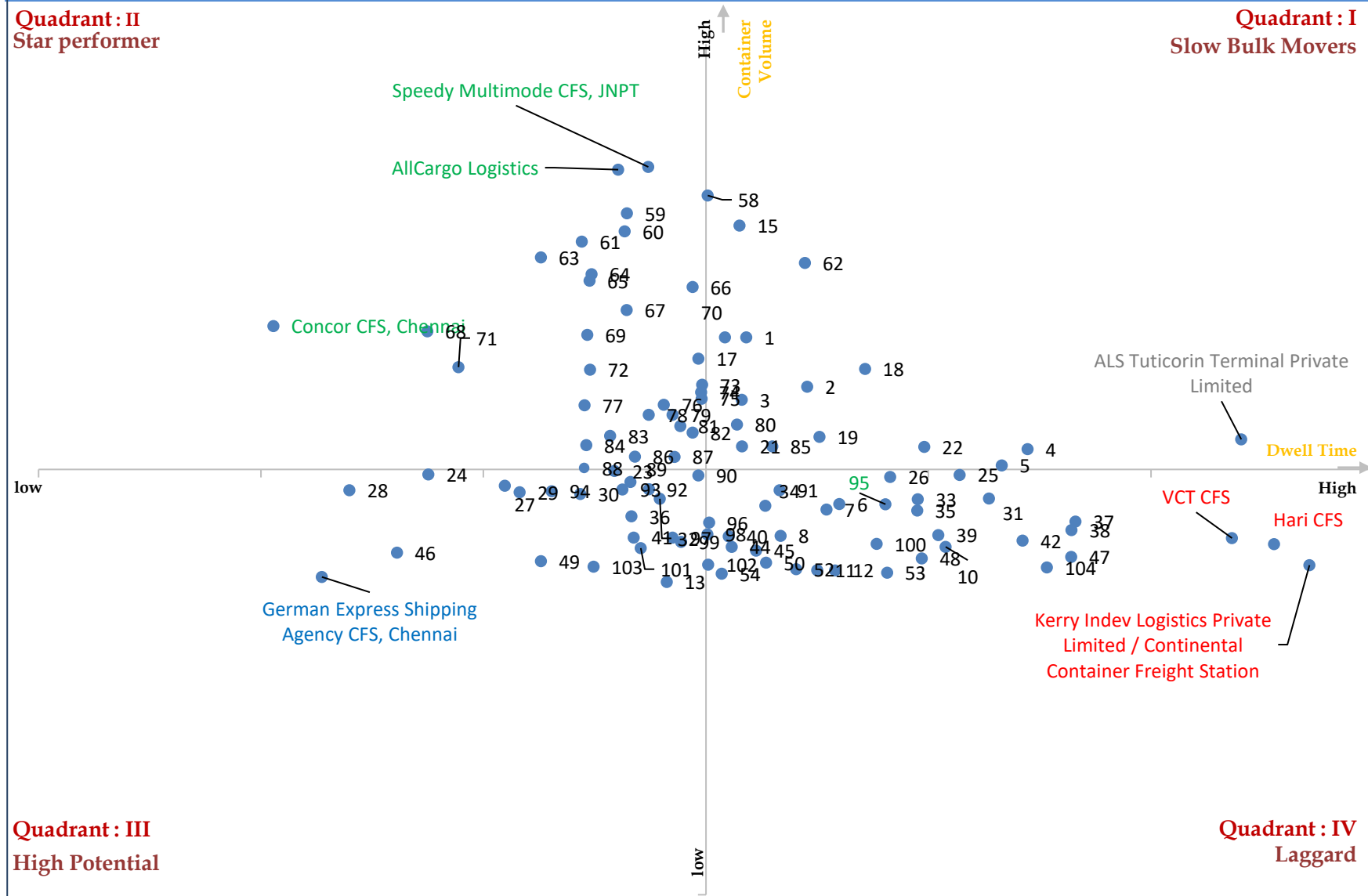
High Potential : consist of entities which have catered relatively lower container volume in lower dwell time

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 - Mar'21



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

Top Three Performing CFSs

CFS Name	Feb'21	Mar'21
Speedy Multimode CFS, JNPT	90.0 hrs	89.1 hrs ↑
All Cargo Logistics	86.6 hrs	84.7 hrs ↑
Concor CFS, Chennai	57.4 hrs	33.2 hrs ↑

Bottom Three Performing CFSs

CFS Name	Feb'21	Mar'21
Kerry Index Logistics Private Limited/Continental Container Freight Station	107.2 hrs	187.8 hrs ↓
Hari CFS	202.4 hrs	182.5 hrs ↑
VCT CFS	164.8 hrs	176.3 hrs ↓

Note: The performance benchmarking is based on performance index



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Performance Index- Summary

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IMPORT

Port Dwell Time

Mode	Feb'21 (in hrs)	Mar'21 (in hrs)
Overall	23.2	22.6
Truck	21.3	21.0
Train	35.2	42.7

EXPORT

Mode	Feb'21 (in hrs)	Mar'21 (in hrs)
Overall	99.0	98.1
Truck	96.3	95.2
Train	108.9	115.8

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





Inland
Container
Depot (ICD)



Container
Freight
Stations (CFS)

Entity	Feb'21 (in hrs)	Mar'21 (in hrs)
CFS	91.8	88.4
ICD	129.4	125.9

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

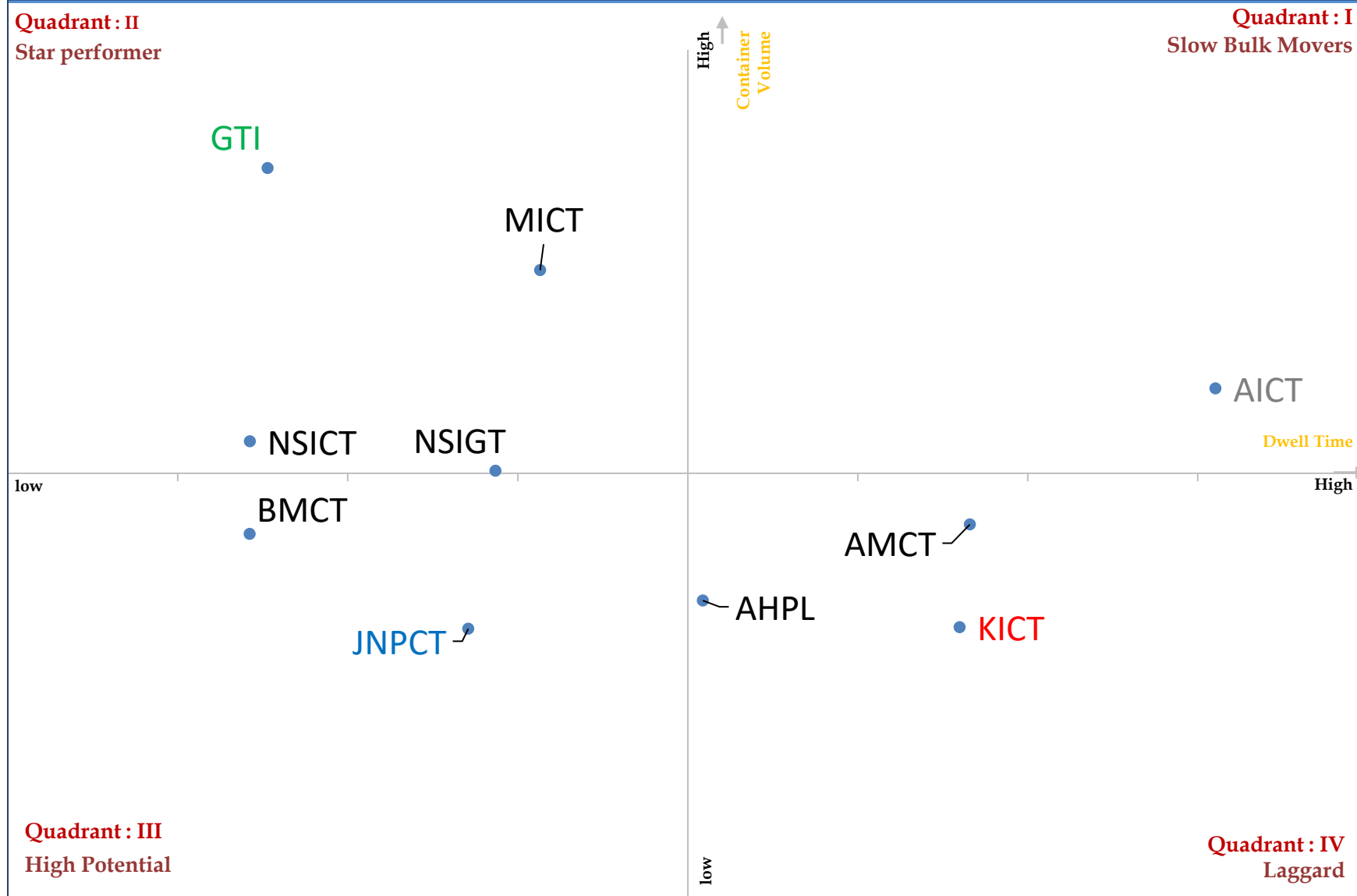
 The marked entries showcase decrease in performance in comparison to Feb'21



Performance Benchmarking - Port Terminals

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


Port Terminal Performance Index - Mar'21



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


Top Performing Terminal

Gateway Terminals India (GTI)

Feb'21	Mar'21
39.5 Hrs	38.2 Hrs. 

Low Performing Terminal

Kandla International Container Terminal (KICT)

Feb'21	Mar'21
59.6 Hrs	86.3 Hrs 

Note: The performance benchmarking is based on performance index



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

AllCargo Logistics

Feb'21

86.6 hrs

Mar'21

84.7 hrs



Low Performing CFS

A V Joshi CFS

Feb'21

116.4 hrs.

Mar'21

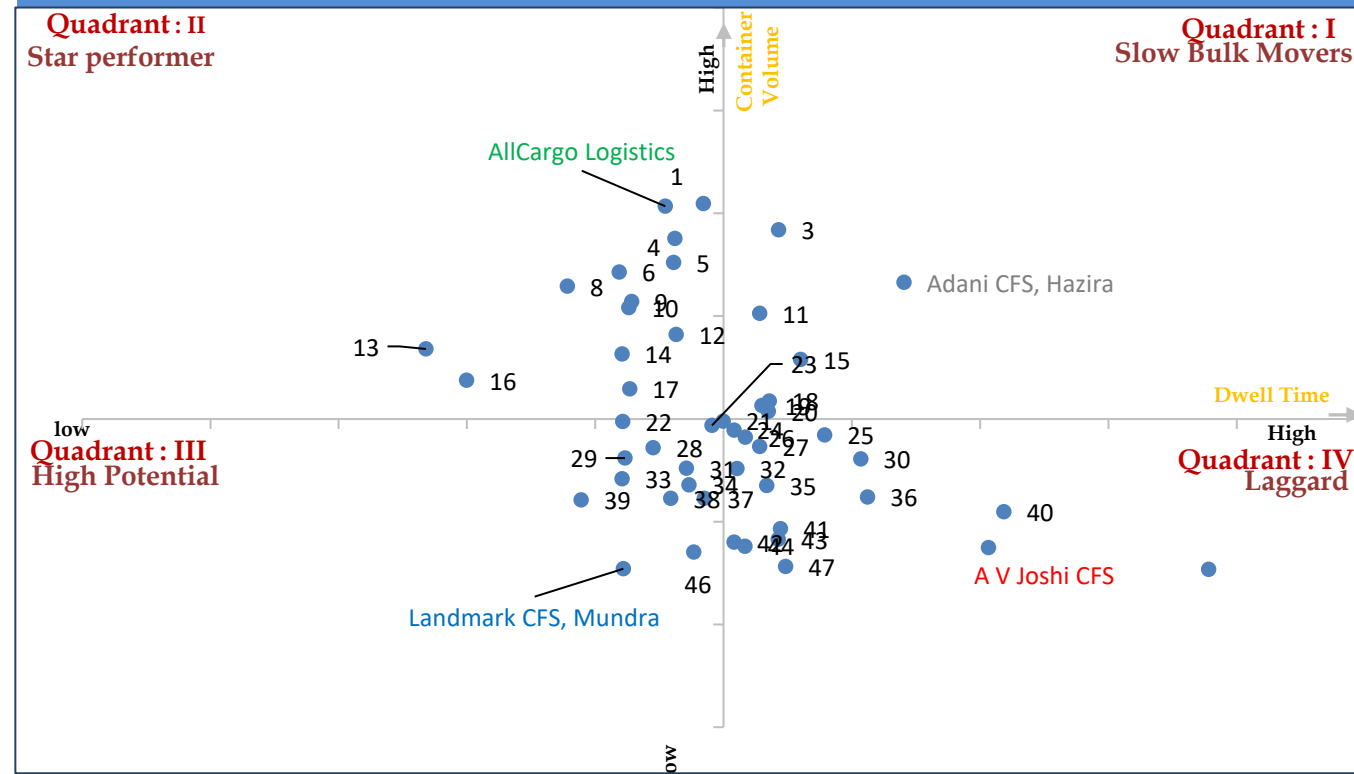
122.7 hrs



Note: The performance benchmarking is based on performance index

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

Performance Index: Western Corridor CFS



Top Performing ICD

Albatross Inland Ports ICD, Dadri

Feb'21

119.6 hrs

Mar'21

103.9 hrs



Low Performing ICD

GatewayRail Freight ICD, Pyala

Feb'21

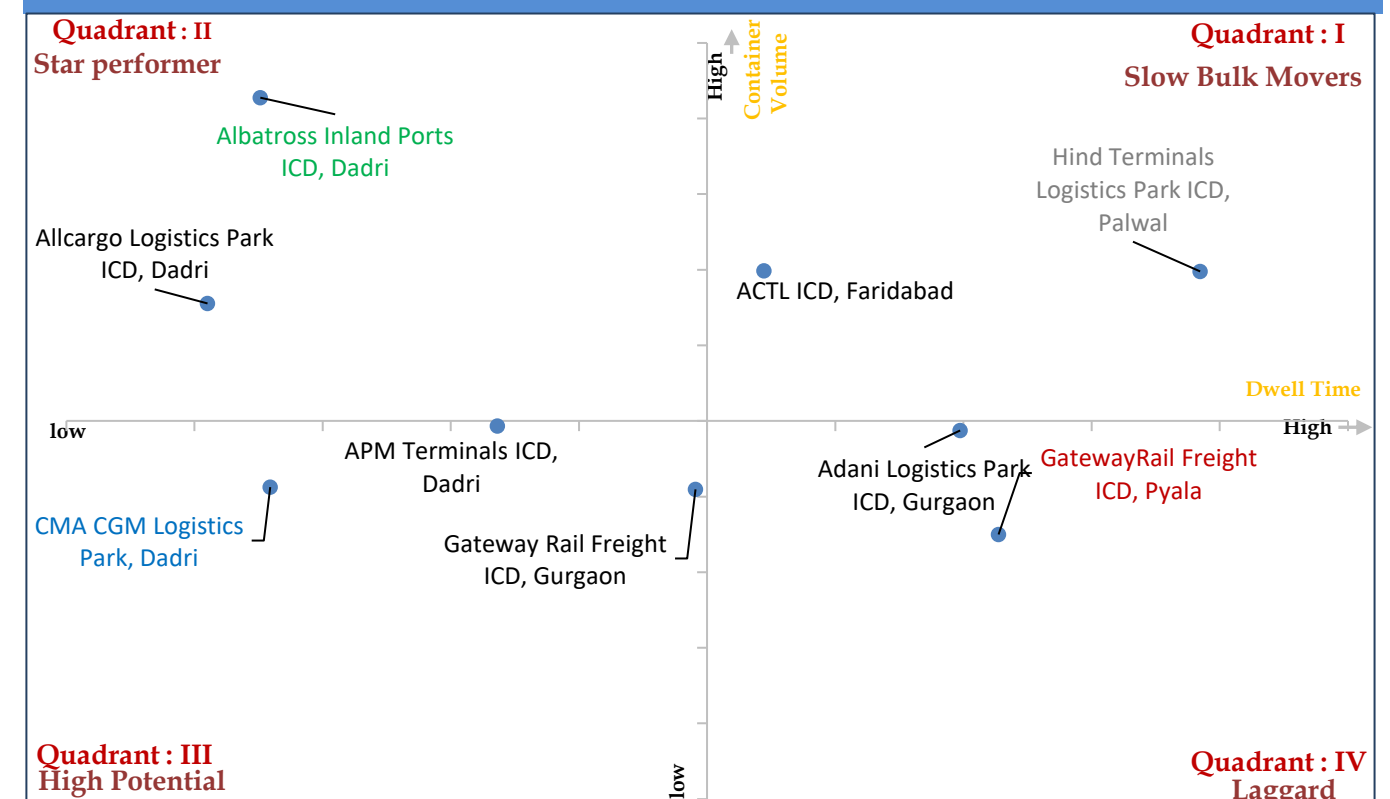
154.6 hrs

Mar'21

149.0 hrs



Performance Index: ICD



Kindly refer to Annexure section for the names of CFS

Port Dwell Time

IMPORT

Mode	Feb'21 (in hrs)	Mar'21 (in hrs)
Overall	50.5	55.8
Truck	50.0	54.7

EXPORT

Mode	Feb'21 (in hrs)	Mar'21 (in hrs)
Overall	85.1	77.2
Truck	84.0	76.9
Train	92.8	88.2

Container Freight Stations(CFS)- Dwell Time



Container
Freight
Stations

Entity	Feb'21 (in hrs)	Mar'21 (in hrs)
CFS	118.5	101.1

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

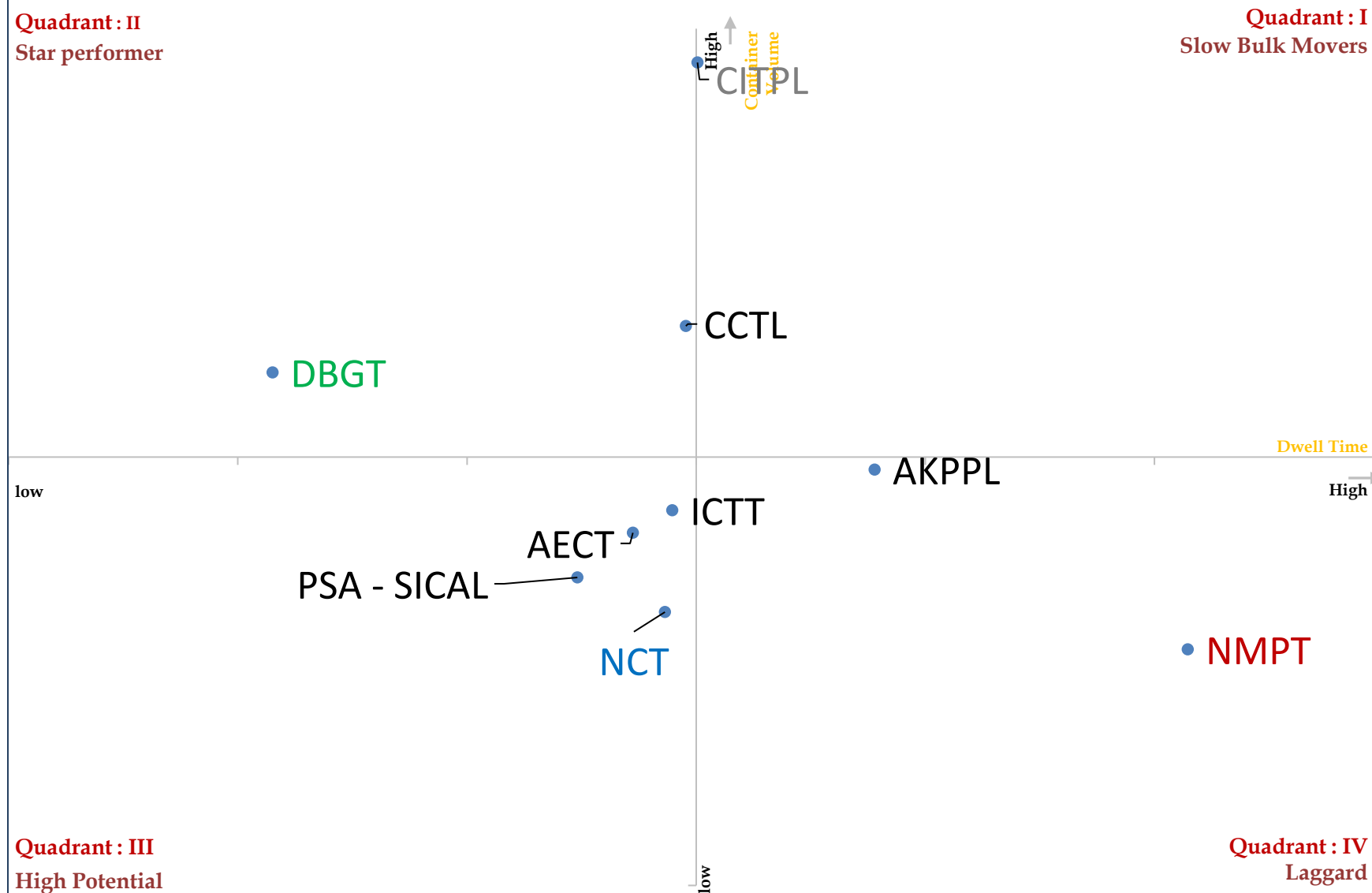
The marked entries showcase decrease in performance in comparison to Feb'21



Performance Benchmarking - Port Terminals

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

Southern Corridor Port Terminal Performance Index - Mar'21



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

Top Performing Terminal

Dakshin Bharat Gateway Terminal (DBGT)

Feb'21	Mar'21
34.1 hrs	37.4 hrs



Low Performing Terminal

New Mangalore Port Trust Terminal

Feb'21	Mar'21
91.5 hrs	108.6 hrs



Note: The performance benchmarking is based on performance index



The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Feb'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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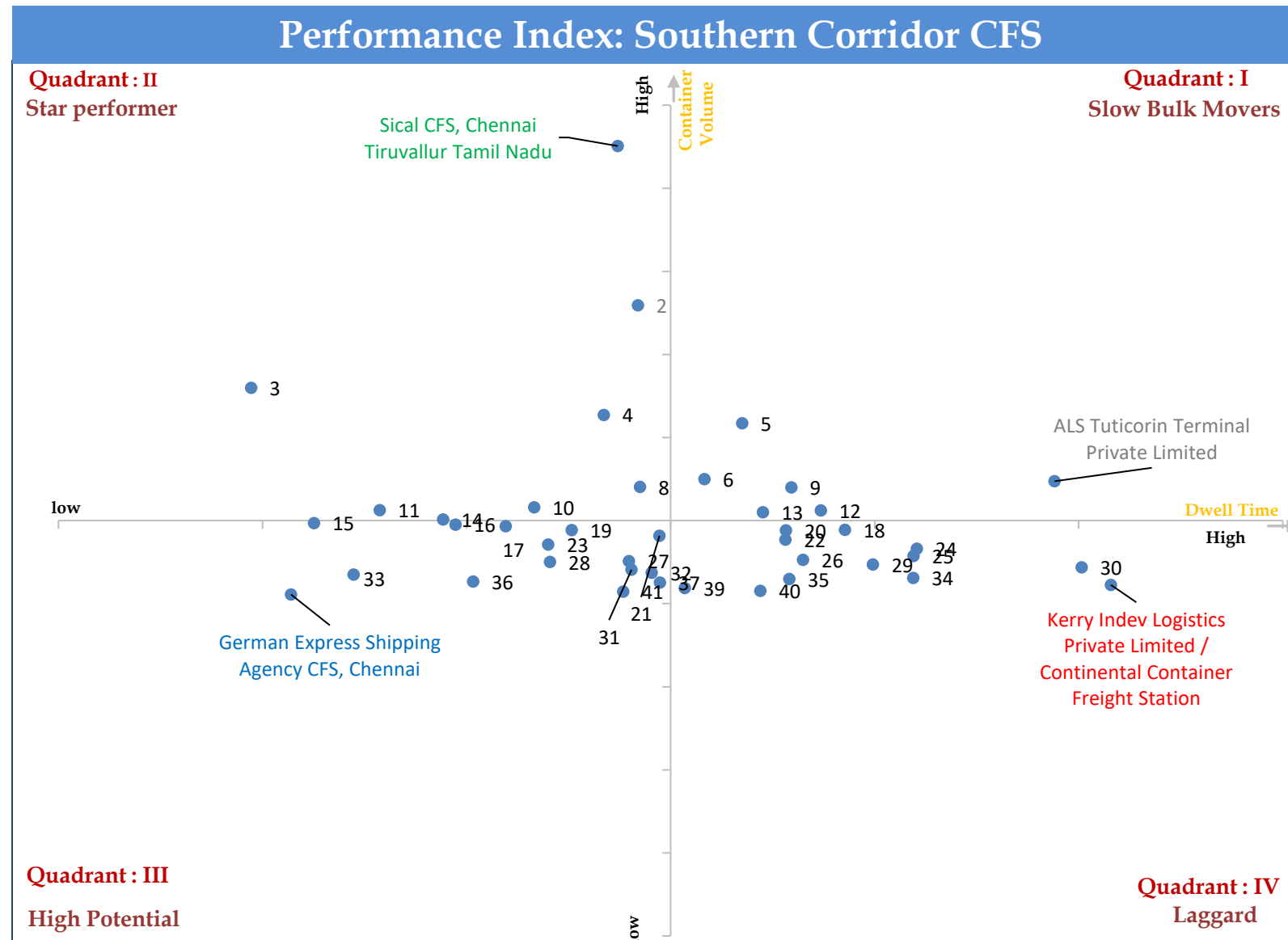
Slow Bulk Movers : consist of entities which have catered higher container volume at higher dwell time

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 Mar'21

Top Performing Terminal

Sical CFS, Chennai Tiruvallur Tamil Nadu

Feb'21

Mar'21

103.7 hrs

99.2 hrs



Low Performing Terminal

Kerry Index Logistics Private Limited / Continental Container Freight Station

Feb'21

Mar'21

107.2 hrs

187.8 hrs



Note: The performance benchmarking is based on performance index



The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Feb'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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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	Feb'21 (in hrs)	Mar'21 (in hrs)
Overall	46.5	48.3
Truck	40.5	42.6
Train	129.3	147.1

EXPORT

Mode	Feb'21 (in hrs)	Mar'21 (in hrs)
Overall	116.3	123.7
Truck	109.4	121.0
Train	233.7	149.5

Container Freight Stations(CFS)- Dwell Time



Container
Freight
Stations

Entity	Feb'21 (in hrs)	Mar'21 (in hrs)
CFS	126.4	118.0

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

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



Performance Benchmarking - Port Terminals

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

Port Terminal Performance Index - Mar'21



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

Top Performing Terminal

Kolkata Dock System (KDS)

Feb'21

Mar'21

66.7 hrs

74.1 hrs



Low Performing Terminal

Haldia International Container Terminal (HICT)

Feb'21

Mar'21

108.9 hrs

117.4 hrs



Note: The performance benchmarking is based on performance index



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

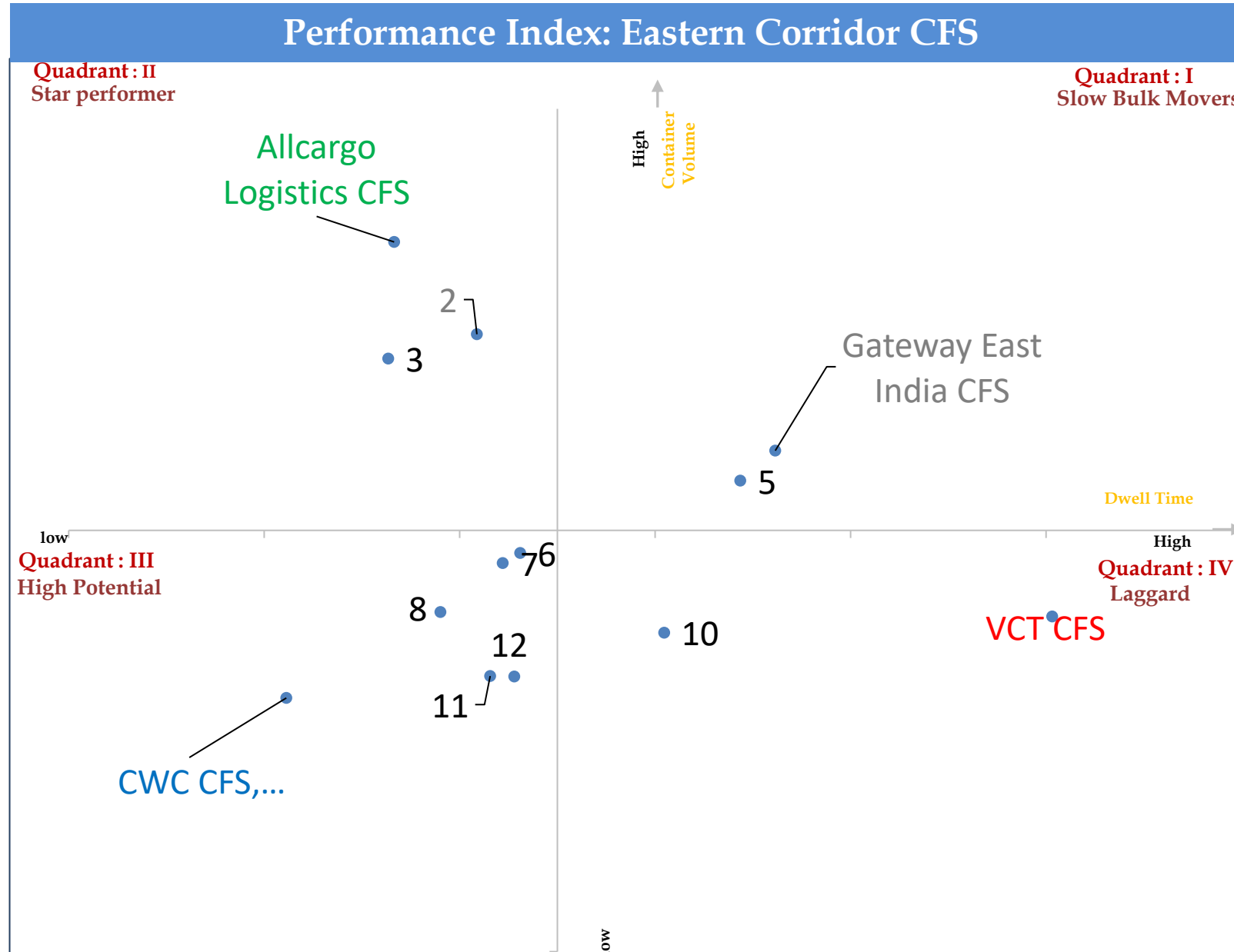
Slow Bulk Movers : consist of entities which have catered higher container volume at higher dwell time

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 Mar'21

Top Performing Terminal

Allcargo Logistics CFS

Feb'21	Mar'21
132.1 hrs	103.8 hrs



Low Performing Terminal

VCT CFS

Feb'21	Mar'21
164.8 hrs	176.3 hrs



Note: The performance benchmarking is based on performance index



The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Feb'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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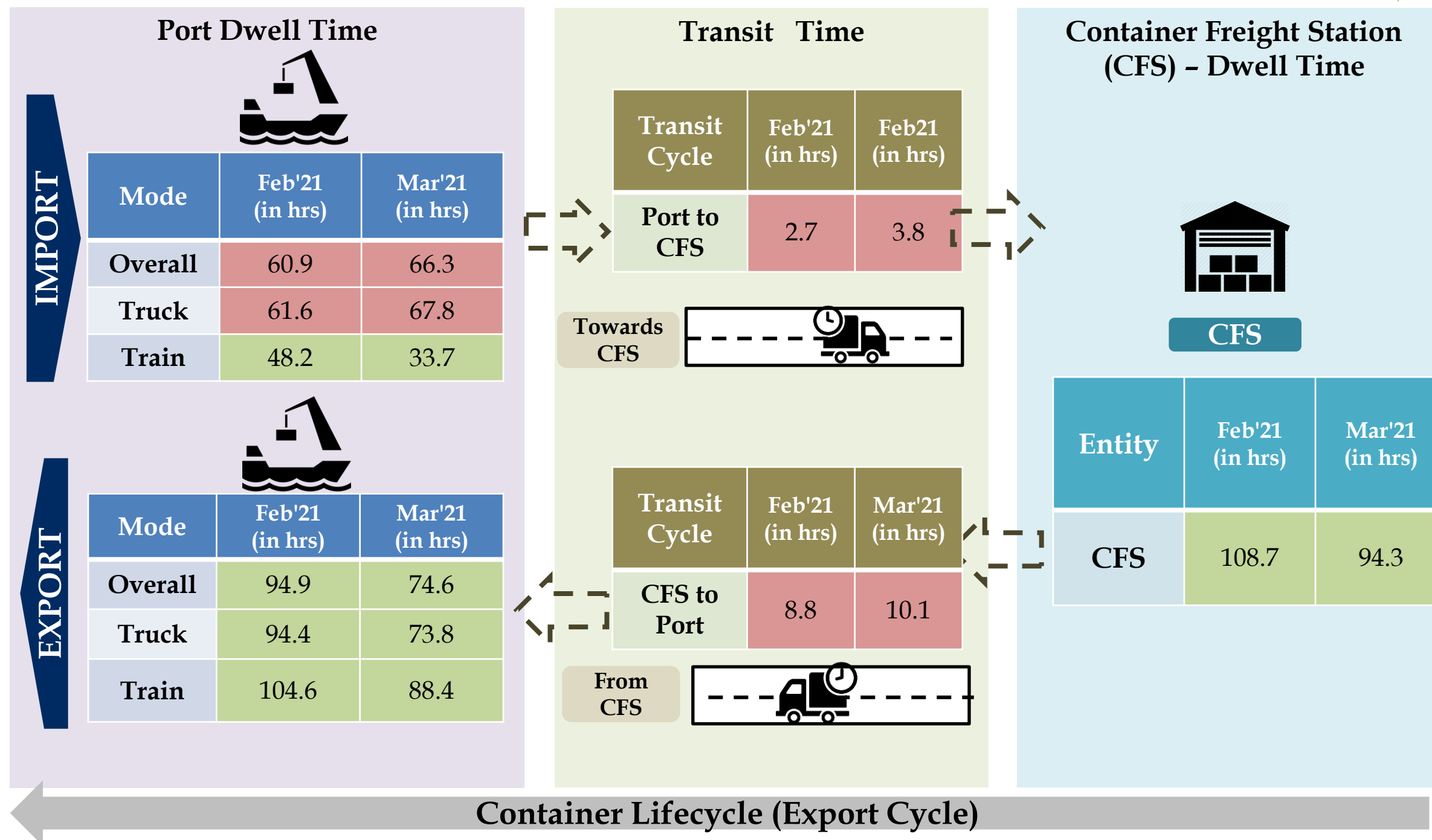
Laggard : consist of entities which have catered relatively lower container volume at higher dwell time

Annexure

Individual Terminal Performance In Southern Corridor

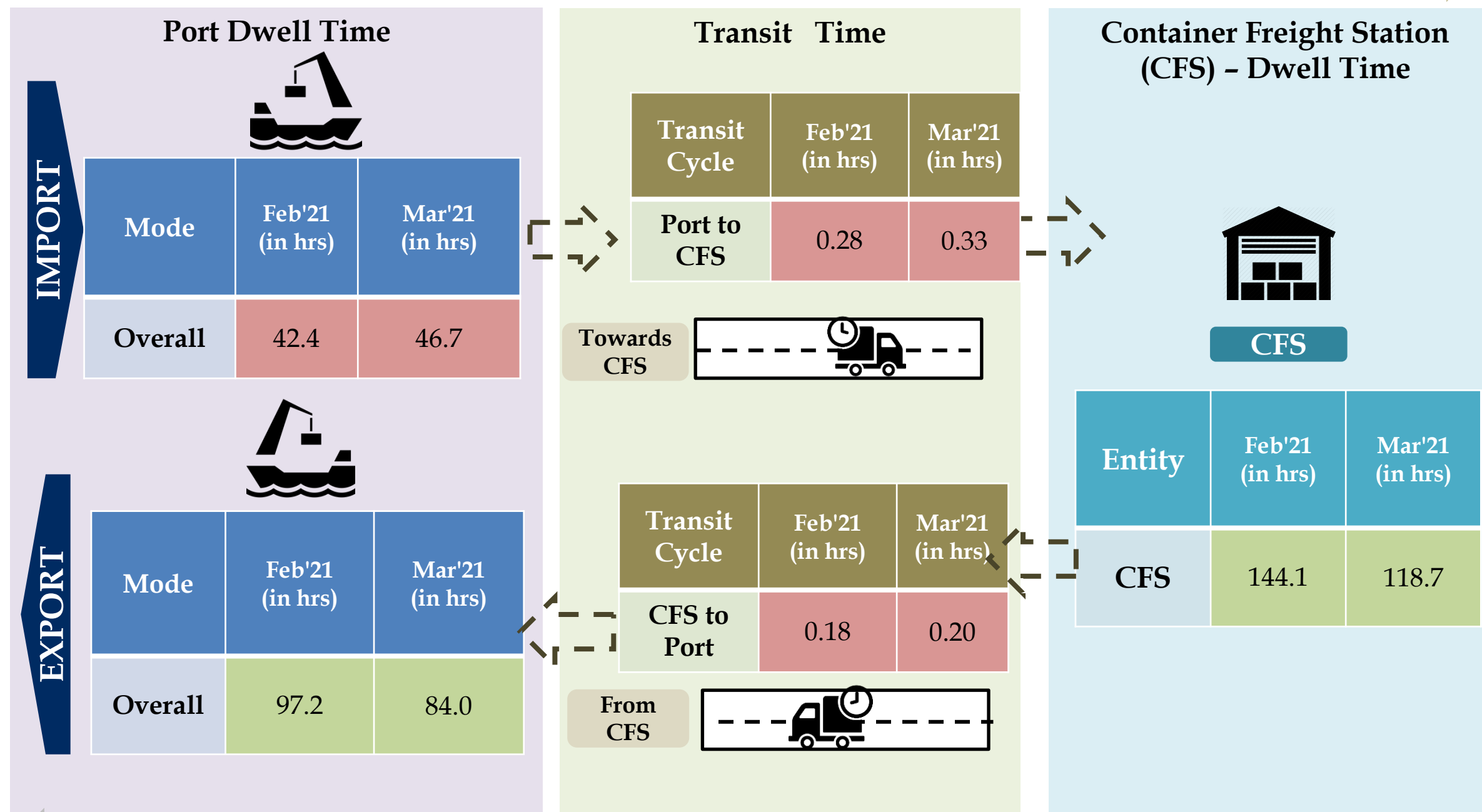
Chennai Port Terminals: Container Transportation

Container Lifecycle (Import Cycle)



Kochi Port Terminal: Container Transportation

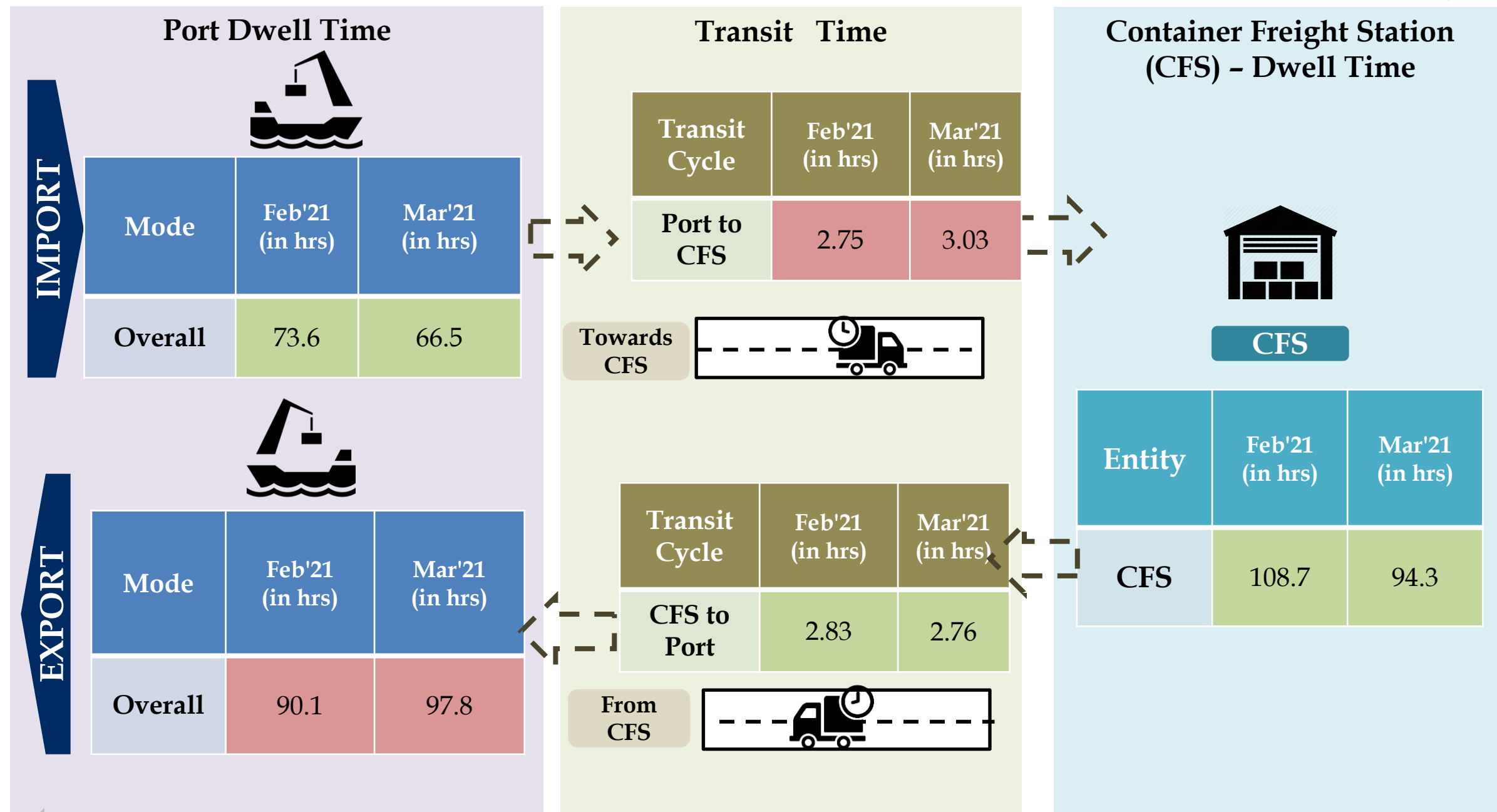
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Kattupalli Port Terminal: Container Transportation

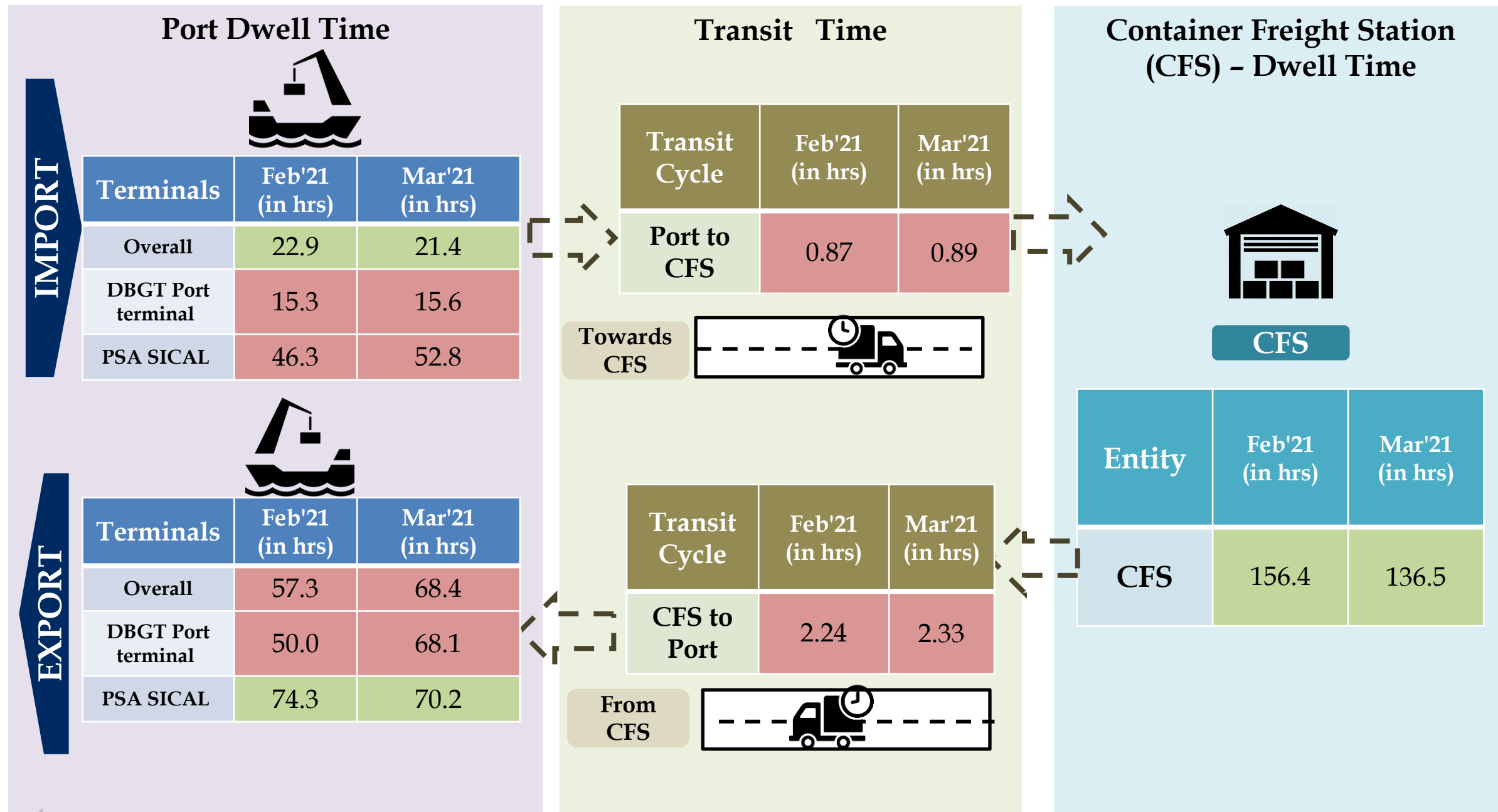
Container Lifecycle (Import Cycle)



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	Feb'21 (in hrs)	Mar'21 (in hrs)
Overall	38.5	65.9



Mode	Feb'21 (in hrs)	Mar'21 (in hrs)
Overall	82.1	71.0

Container Freight Station (CFS) - Dwell Time



CFS

Entity	Feb'21 (in hrs)	Mar'21 (in hrs)
CFS	117.8	99.6

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

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

Cargo Dwell Time



Port

Port Cargo Dwell time	Feb'21 (in hrs)	Mar'21 (in hrs)
Import	41.8	67.0
Export	73.7	57.9

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

Container Lifecycle (Import Cycle)

Port Dwell Time



IMPORT	Mode	Feb'21 (in hrs)	Mar'21 (in hrs)
	Overall	55.0	64.7
	Truck	53.9	64.1
	Train	55.2	64.7



EXPORT	Mode	Feb'21 (in hrs)	Mar'21 (in hrs)
	Overall	89.9	83.9
	Truck	35.3	33.2
	Train	91.3	91.0

Container Freight Station (CFS) - Dwell Time



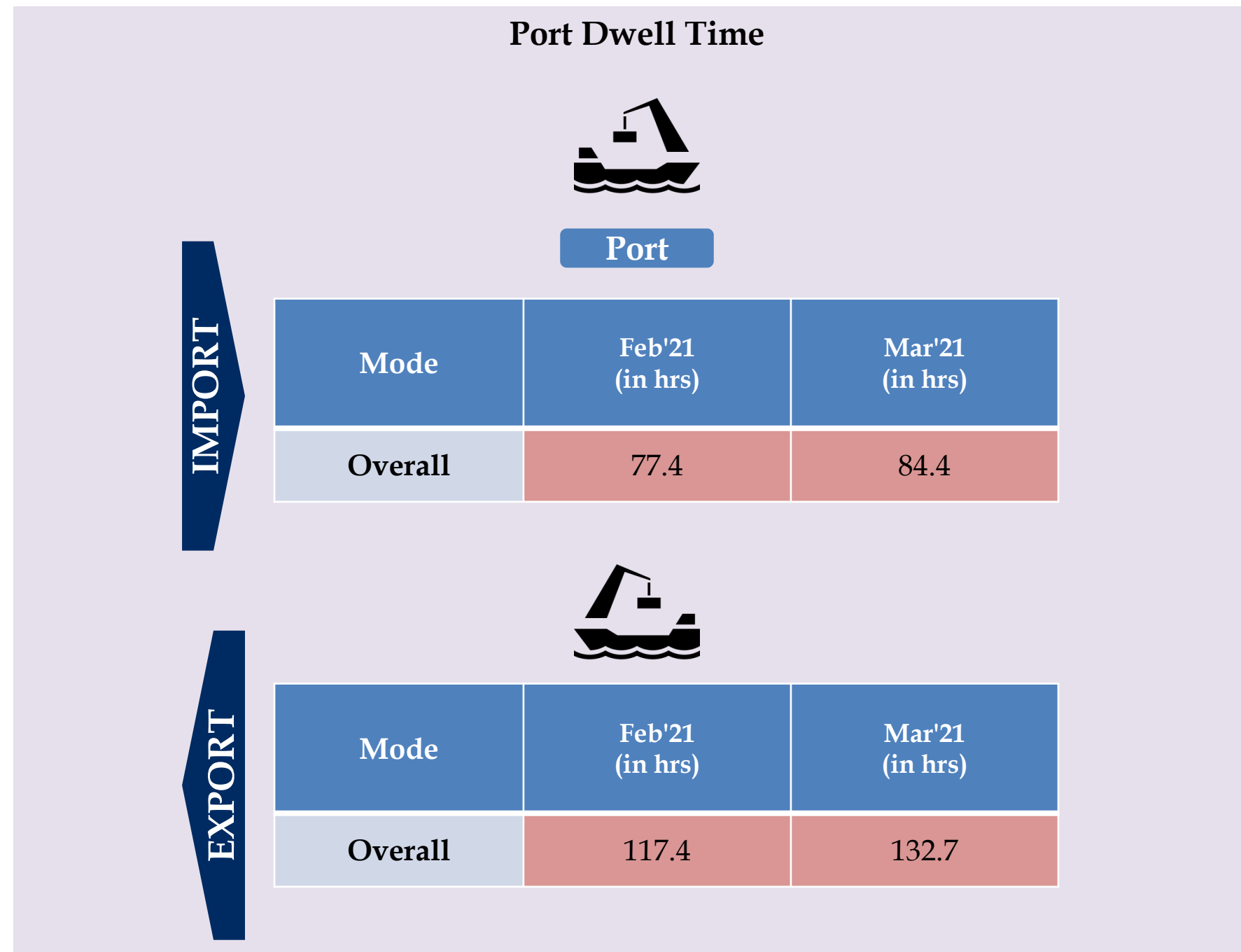
CFS


Entity	Feb'21 (in hrs)	Mar'21 (in hrs)
CFS	108.7	94.3


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

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

Container Lifecycle (Export Cycle)



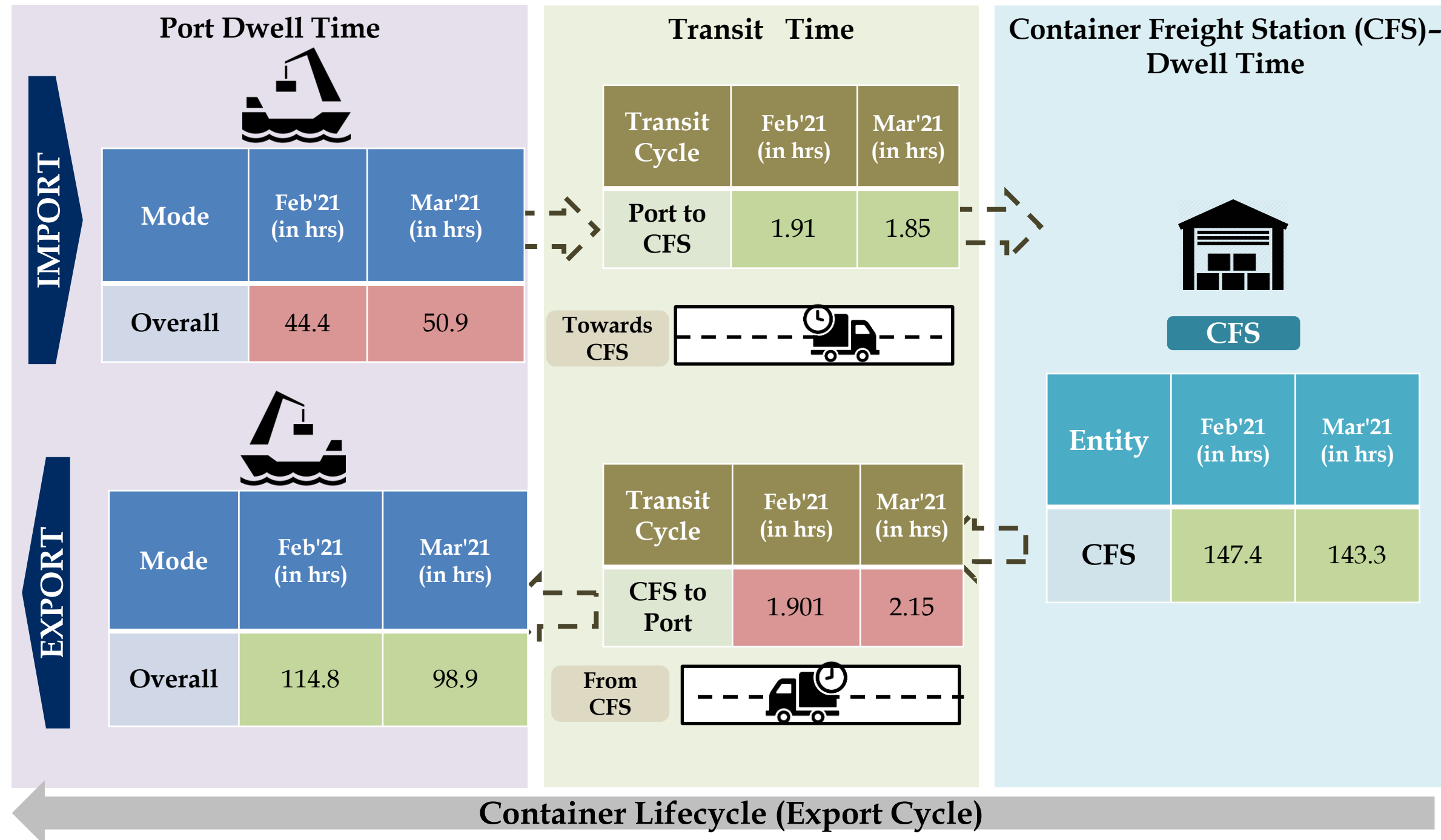
 The marked entries showcase the increase in performance as compared to Feb'21

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

Individual Terminal Performance In Eastern Corridor

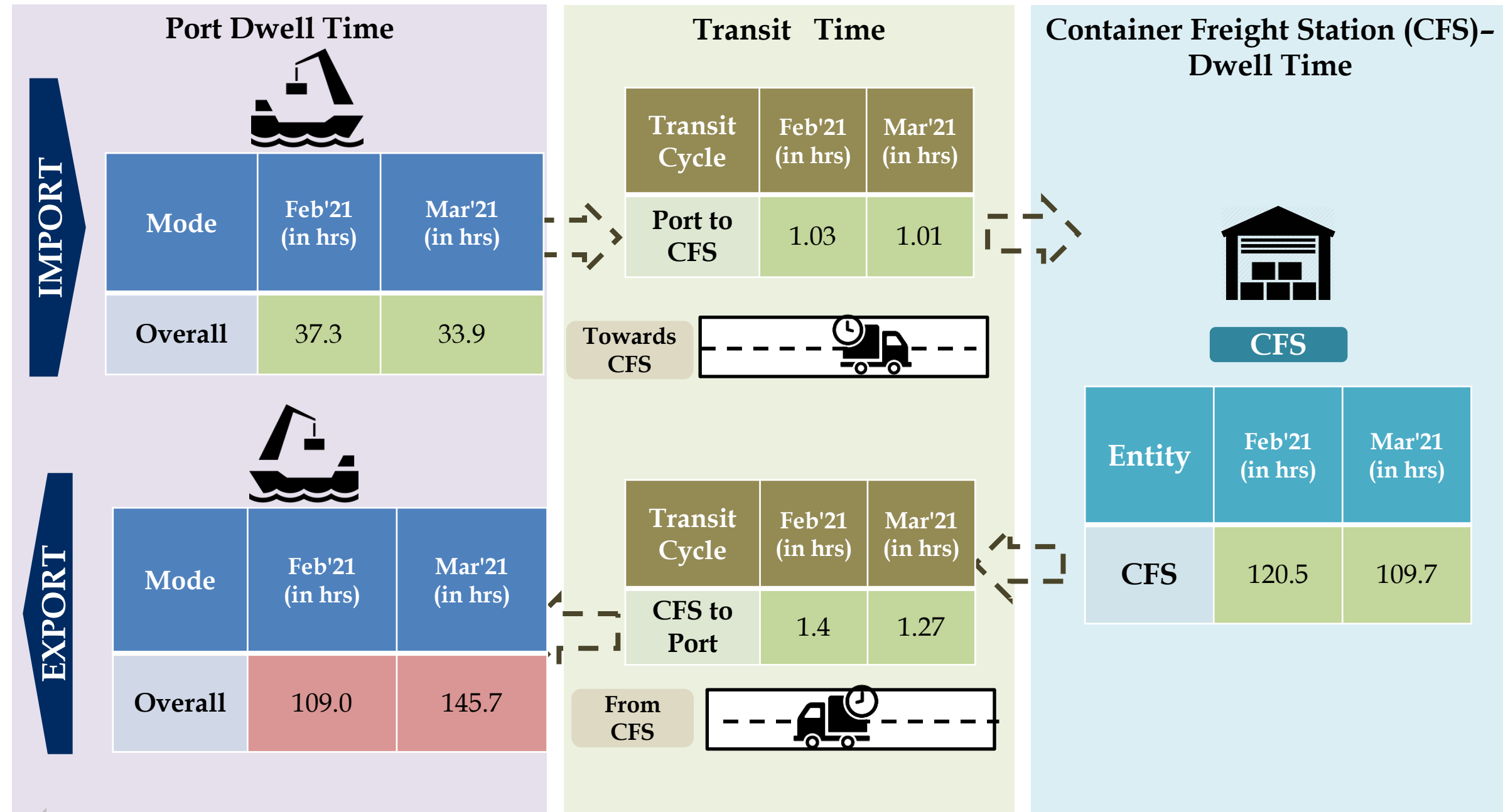
Vishakhapatnam Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



Kolkata Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)

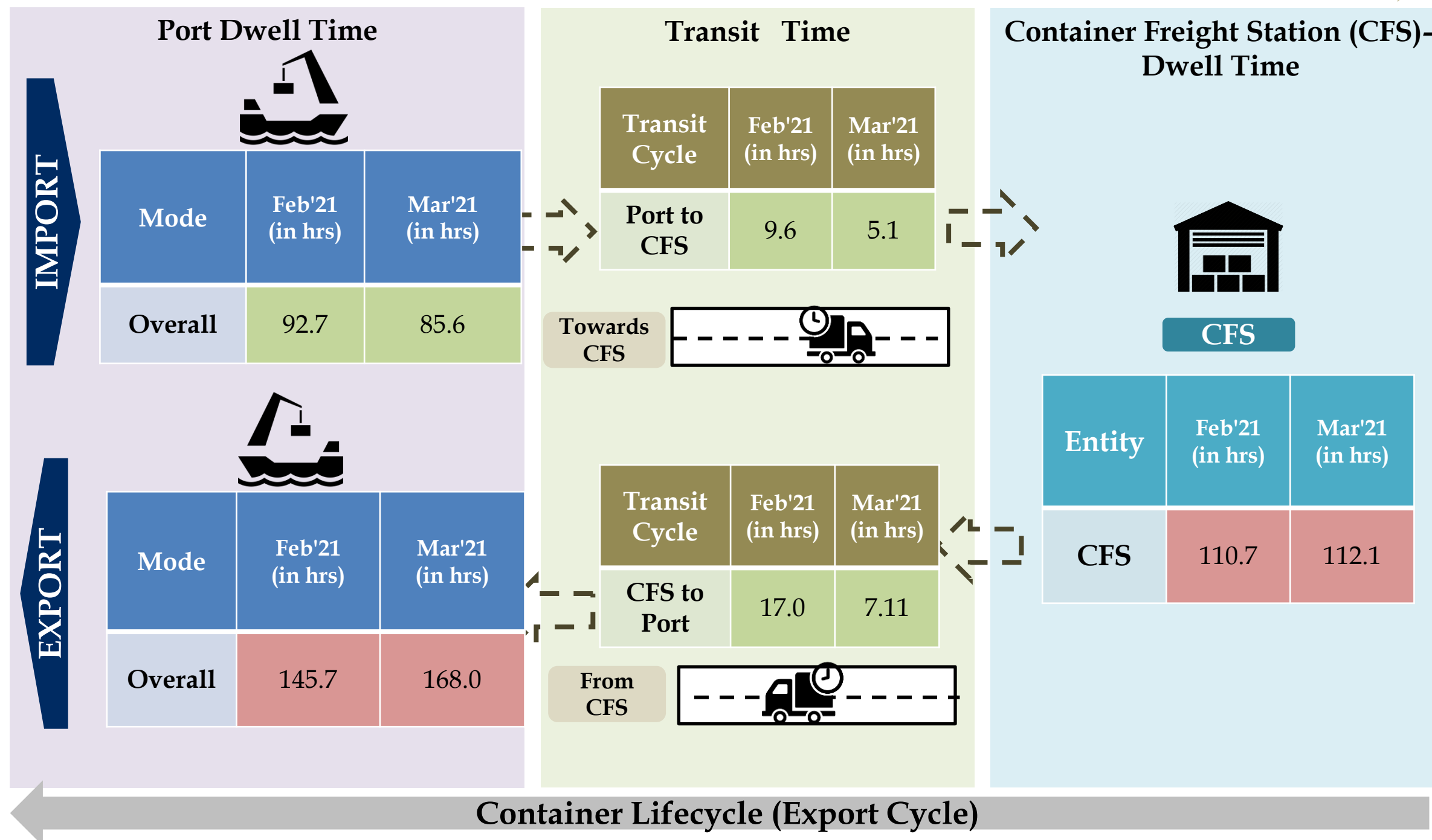


The marked entries showcase the increase in performance as compared to Feb'21

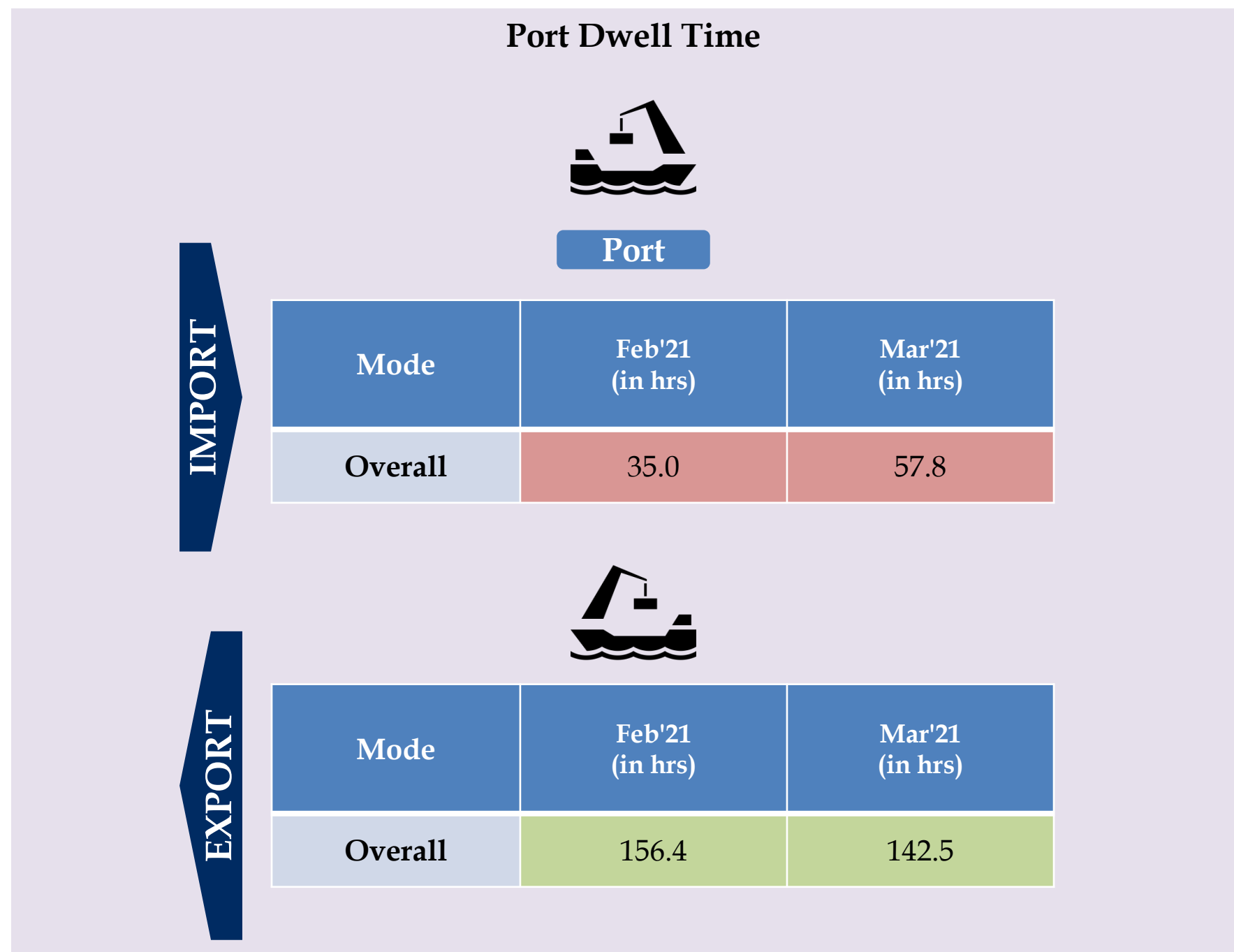
The marked entries showcase the decrease in performance as compared to Feb'21


Haldia Port Terminal: Container Transportation


Container Lifecycle (Import Cycle)



Individual Terminal Performance In Western Corridor

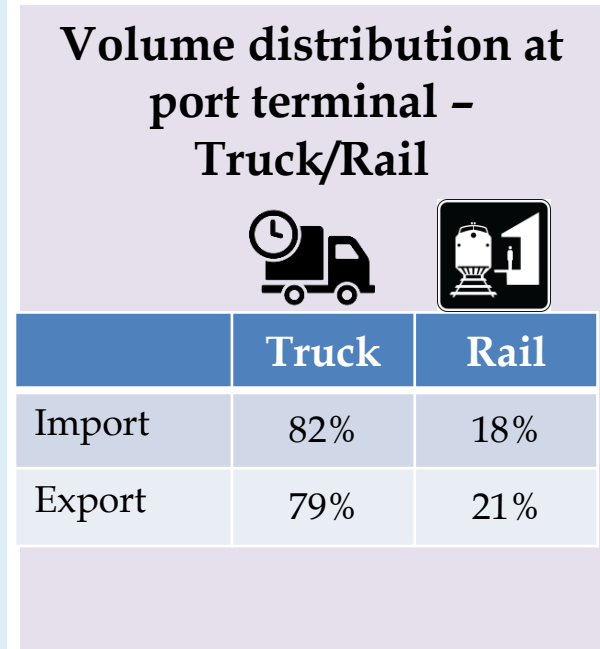
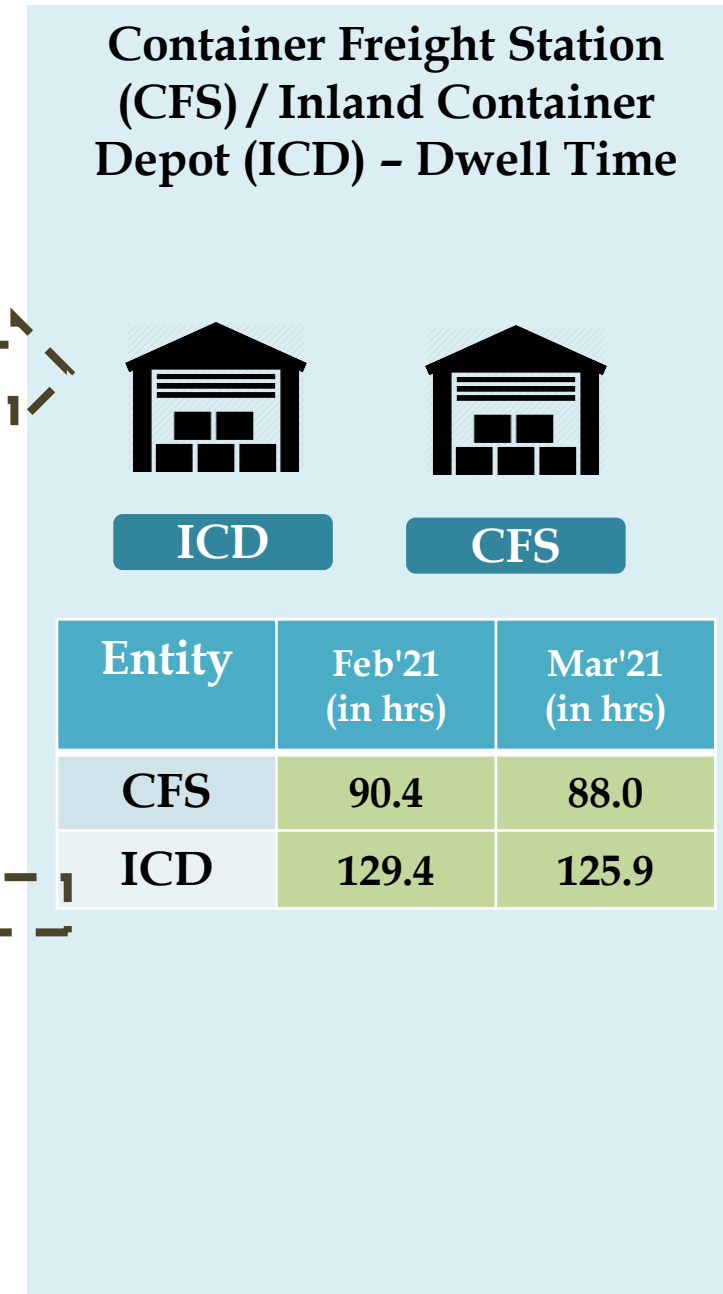
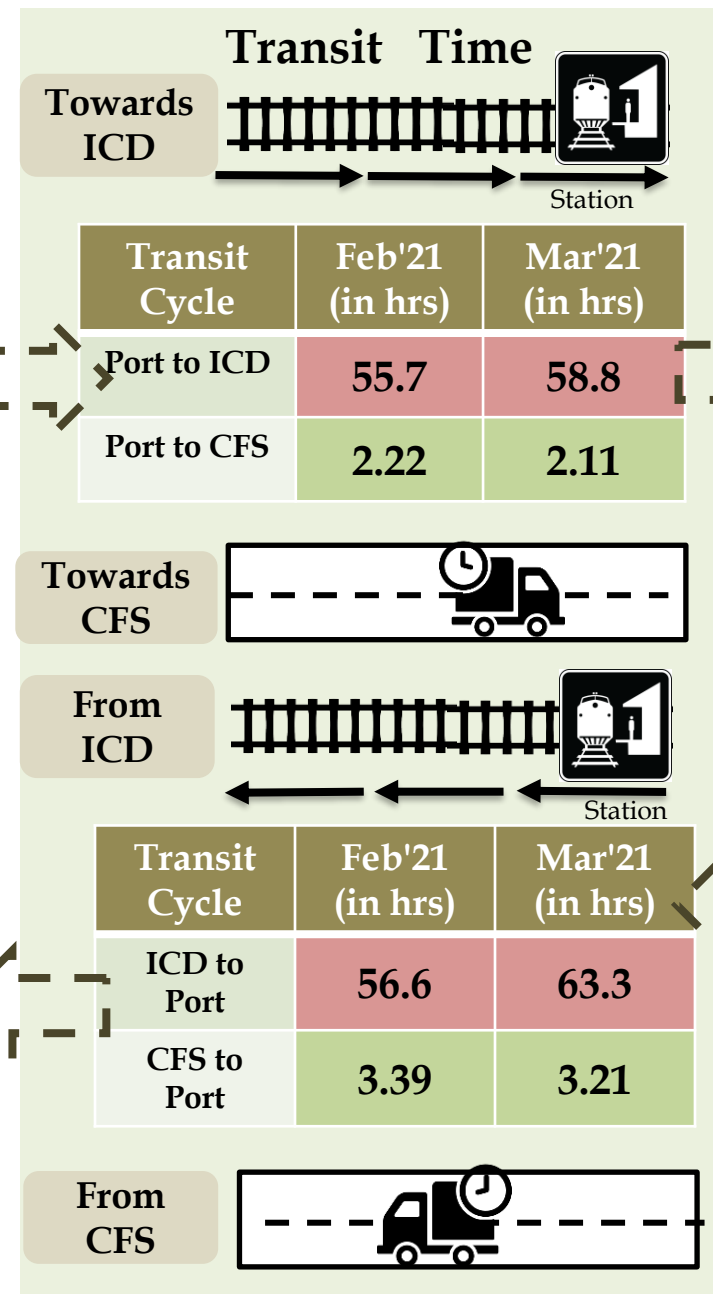
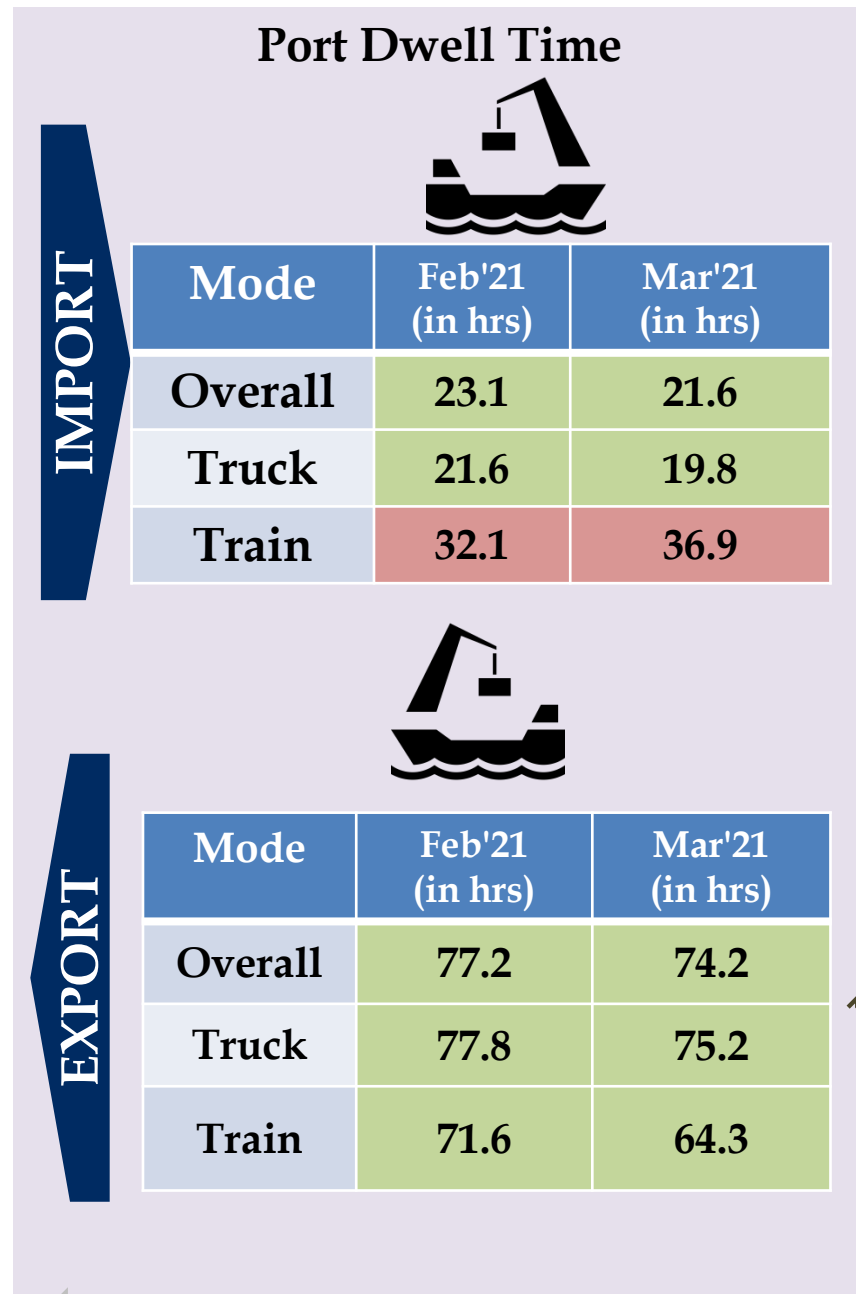



 The marked entries showcase the increase in performance as compared to Feb'21


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

Container Transportation- JNPT Port Terminals

Container Lifecycle (Import Cycle)



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

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

Container Lifecycle (Export Cycle)

Container Transportation- JNPT Port Terminals

%IMPORT CYCLE DWELL TIME (Mar'21 - in hrs)			Compared to Feb'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	21.6	6% ↑
	Port Dwell Time for Truck Bound Containers	19.8	8% ↑
	Port Dwell time for Train Bound Containers	36.9	15% ↓
	Port Dwell time Direct Port Delivery (DPD) containers	31.8	28% ↑
	Port Dwell time Containers bound for CFS	17.6	4% ↑
	Port Dwell for Empty Containers	29.4	12% ↑
	Port Dwell for Laden Containers	20.5	1% ↑
TRANSIT TIME	Port to ICD	58.8	6% ↓
	Port to CFS	2.11	5% ↑

EXPORT CYCLE DWELL TIME (Mar'21- in hrs)			Compared to Feb'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	74.2	4% ↑
	Port Dwell Time for Truck Bound Containers	75.2	3% ↑
	Port Dwell time for Train Bound Containers	64.3	10% ↑
	Port Dwell time Direct Port Entry (DPE) containers	81.1	6% ↑
	Port Dwell time Containers bound from CFS	74.6	2% ↑
	Port Dwell for Empty Containers	68.3	1% ↑
	Port Dwell for Laden Containers	74.1	6% ↑
TRANSIT TIME	ICD to Port	63.3	12% ↓
	CFS to Port	3.2	6% ↑

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

JNPT Region: Parking Plaza Dwell Time Analysis

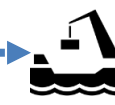
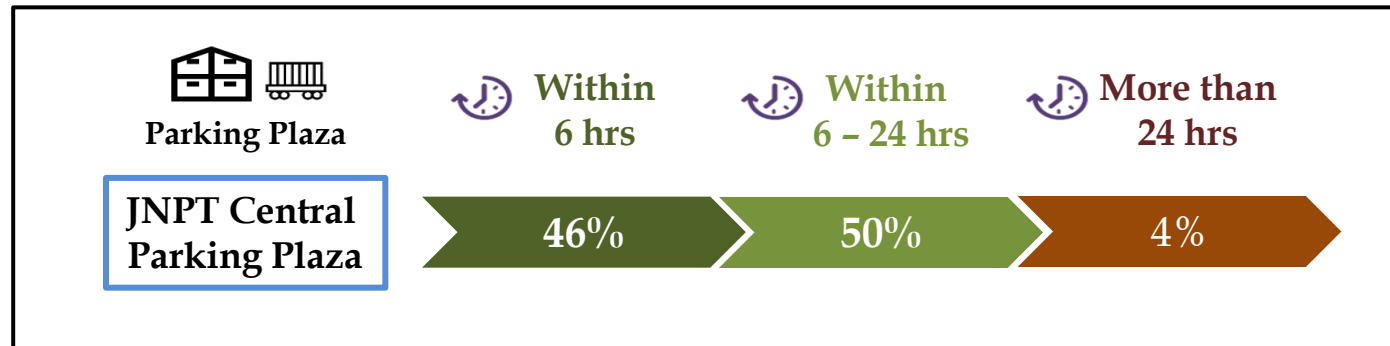
The below table depicts the Parking Plaza & Parking Plaza to Port Transit Performance at JNPT Port Terminals and their volume bifurcation in export cycle



Parking Plaza Gate In – Gate Out

Mode	Feb'21 (in hrs)	Mar'21
Overall Parking Plaza	6.3	6.5

Container Handled: Day wise (Mar'21)

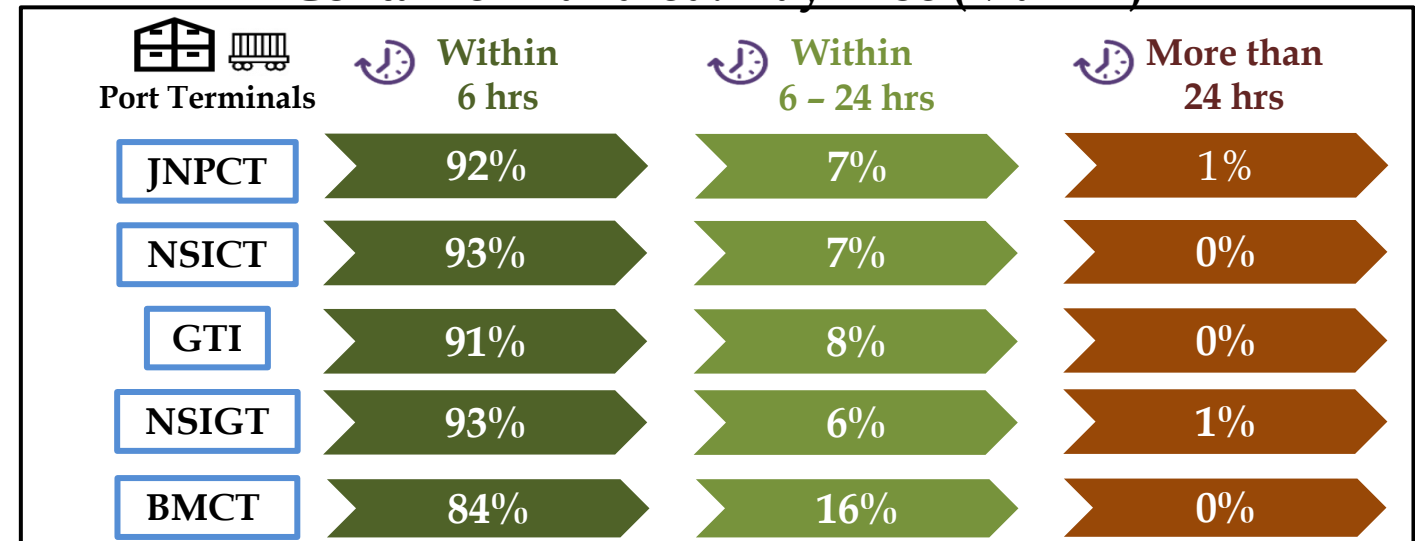


Parking Plaza Gate Out – Terminal In

Mode	Feb'21 (in hrs)	Mar'21 (in hrs)
Overall Parking Plaza to JNPT Port	2.0	1.9

Port	Feb'21 (in hrs)	Mar'21 (in hrs)
JNPCT	1.3	1.6
NSICT	1.7	1.7
GTI	2.0	1.8
NSIGT	1.2	1.6
BMCT	4.2	2.9

Container Handled: Day wise (Mar'21)



Container Lifecycle (Import Cycle)

IMPORT

Mode	Feb'21 (in hrs)	Mar'21 (in hrs)
Overall	22.1	22.2
Truck	21.0	20.8
Train	55.6	71.6

EXPORT

Mode	Feb'21 (in hrs)	Mar'21 (in hrs)
Overall	133.8	135.4
Truck	133.1	131.0
Train	136.1	149.3

TOWARDS ICD

Transit Cycle	Feb'21 (in hrs)	Mar'21 (in hrs)
Port to ICD	75.0	79.4
Port to CFS	1.00	0.95

TOWARDS CFS

Transit Cycle	Feb'21 (in hrs)	Mar'21 (in hrs)
ICD to Port	74.3	78.9
CFS to Port	1.08	1.22

FROM ICD

Transit Cycle	Feb'21 (in hrs)	Mar'21 (in hrs)
ICD to Port	74.3	78.9
CFS to Port	1.08	1.22

FROM CFS

Transit Cycle	Feb'21 (in hrs)	Mar'21 (in hrs)
ICD to Port	74.3	78.9
CFS to Port	1.08	1.22

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



ICD



CFS

Entity	Feb'21 (in hrs)	Mar'21 (in hrs)
CFS	94.7	89.3
ICD	129.4	125.9

Volume distribution at port terminal - Truck/Rail

	Truck	Rail
Import	93%	7%
Export	70%	30%

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

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

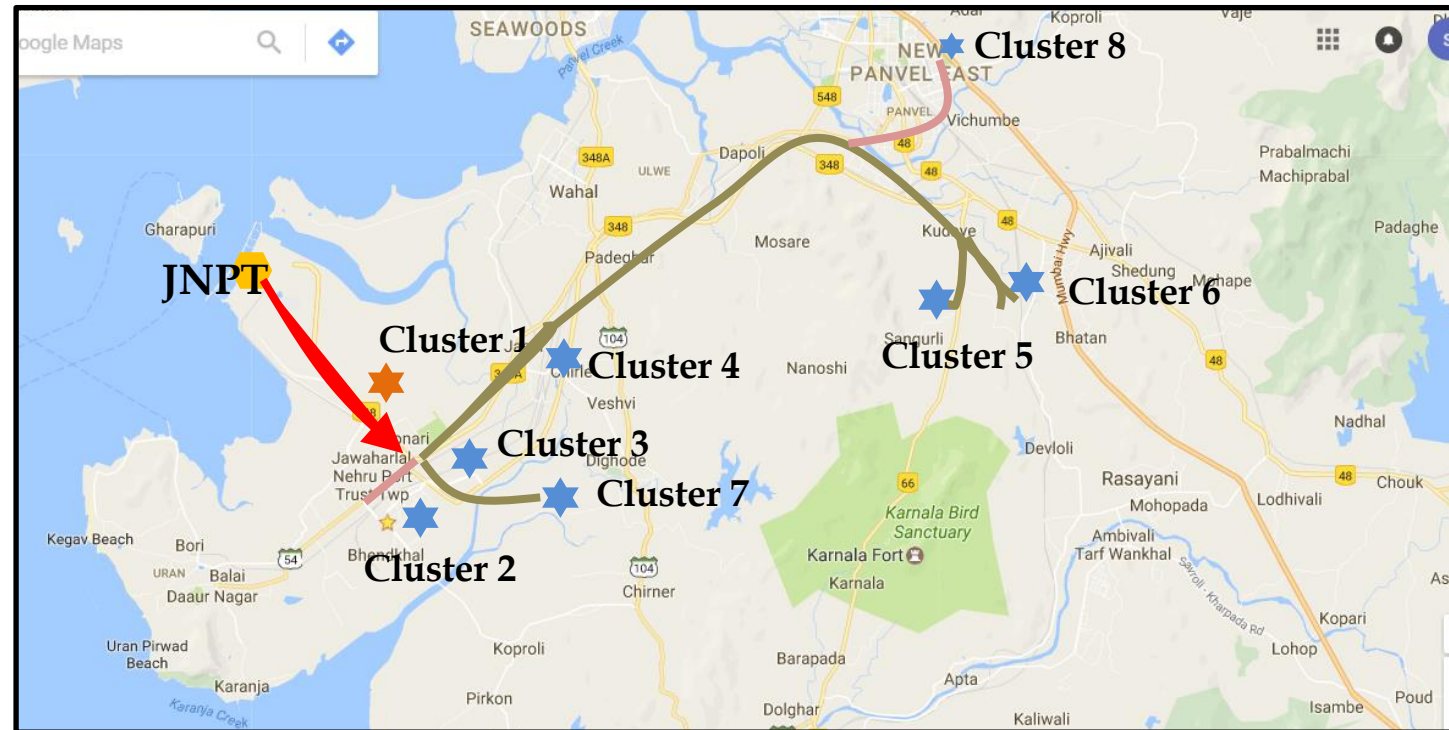
Container Lifecycle (Export Cycle)

IMPORT CYCLE DWELL TIME (Mar'21- in hrs)			Compared to Feb'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	22.2	0.4% ↓
	Port Dwell Time for Truck Bound Containers	20.8	1% ↑
	Port Dwell time for Train Bound Containers	71.6	29% ↓
TRANSIT TIME	Port to ICD	79.4	6.0% ↓
	Port to CFS	0.95	5% ↑

EXPORT CYCLE DWELL TIME (Mar'21- in hrs)			Compared to Feb'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	135.4	1.2% ↓
	Port Dwell Time for Truck Bound Containers	131	2% ↑
	Port Dwell time for Train Bound Containers	149.3	10% ↓
TRANSIT TIME	ICD to Port	78.9	5% ↓
	CFS to Port	1.22	14% ↓

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

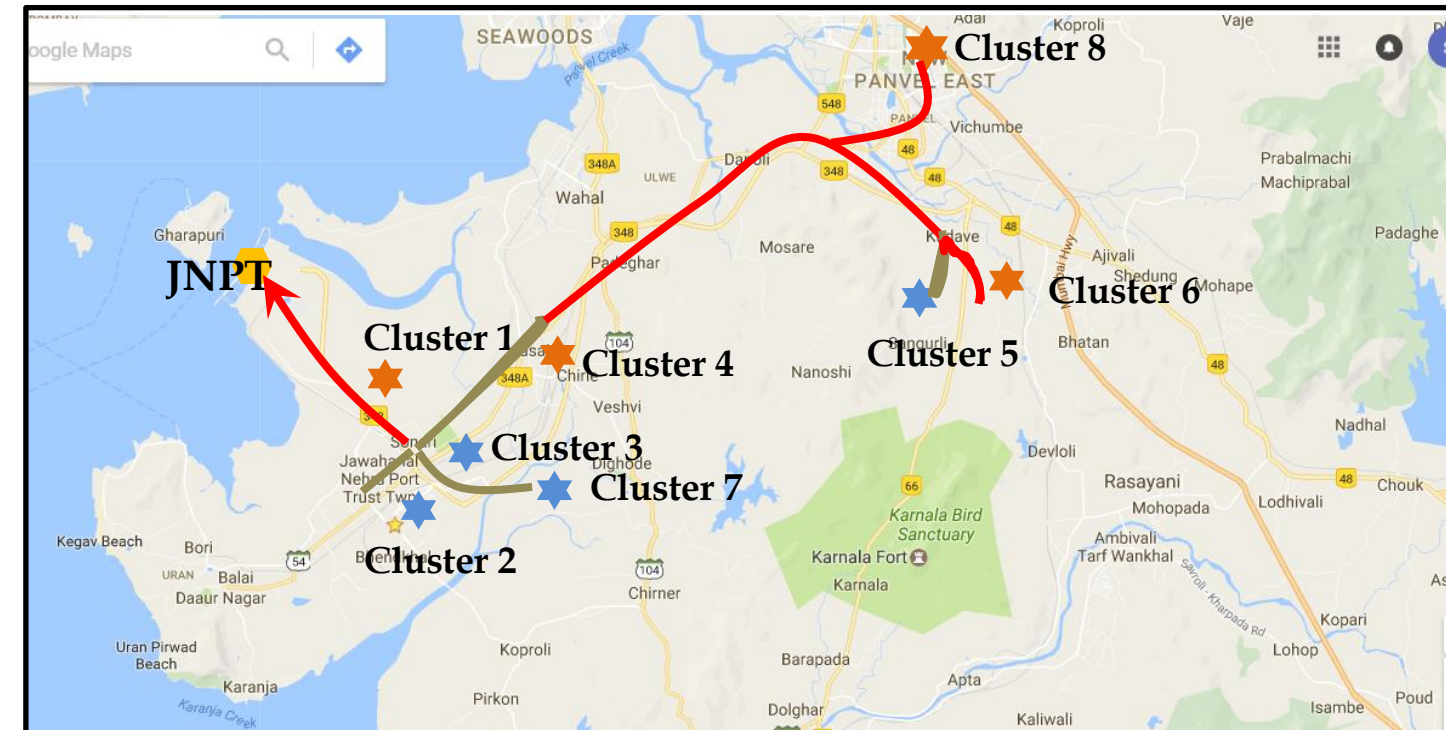
JNPT - Import - Mar'21



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 - Mar'21



Clusters with bottleneck	
CLUSTER 1	JNPT Area
CLUSTER 4	Chirle area , JNPT road
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 8	Taloja, Navi Mumbai
Clusters without bottleneck	
CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area, JNPT road
CLUSTER 5	Plaspa area, Coach Kanyakumari 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	91.3 hrs	107.7 hrs
Road	129.6 hrs	107.7 hrs
Rail	72.0 hrs	-

Haldia Port Terminal

Mode	ICP Raxaul	ICP Jogbani
Overall	83.5 hrs	175.1 hrs



Export Cycle

Kolkata Port Terminal

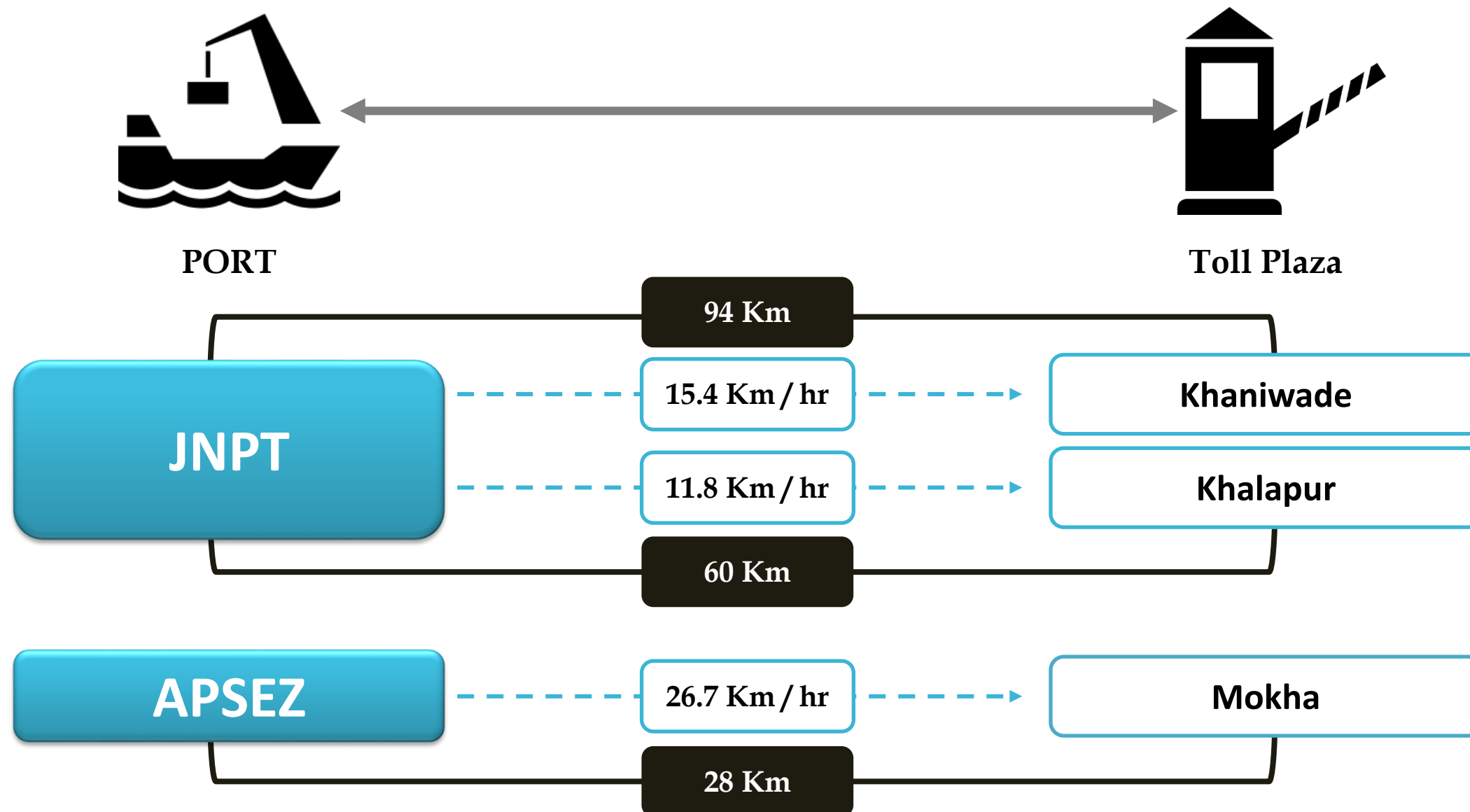
Mode	ICP Raxaul	ICP Jogbani
Overall	448.5 hrs	343.0 hrs
Road	360.1 hrs	343.0 hrs
Rail	475.0 hrs	-

Haldia Port Terminal

Mode	ICP Raxaul	ICP Jogbani
Overall	561.2 hrs	389.9 hrs

Due to Low volume in Import cycle at Haldia Port Terminal, only export cycle analysis has been showcased.
Also, There is no train bound containers available at ICP Jogbani

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

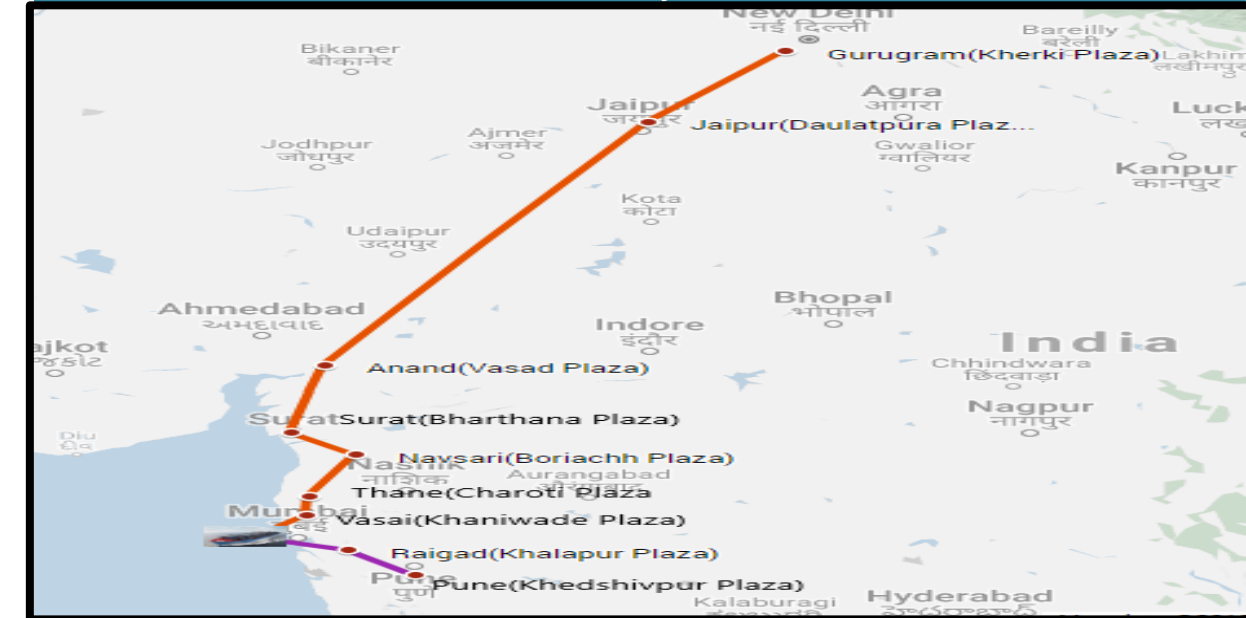
Region	Port	Adjacent Toll plaza	Distance (in KM)	Average Speed (in Km/h)		
				Jan'21	Feb'21	Mar'21
Western	Hazira	Boriach	77	13.5	9.4	14.2
Eastern	KOPT(Kolkata)	Dankuni	24	2.6	1.9	1.8
	HICT(Haldia)	Debra	100	6.2	4.4	4.3
		Jaladhulagori	101	8.5	8.8	9.3
Southern	Chennai	Surapattu	18	-	-	1.9
		Nallur	23	-	-	1.5
	Kochi	Kumbalam	13	2.8	1.9	2.5
		GIPL Palayekara	71	8.9	8.7	8.3
	NMPT (New Manglore)	Brahamarakotlu	25	8.9	3.3	1.5
		Talapady	22.5	1.3	1.3	1.5
		Gundmi	68	5.9	4.8	5.0
	Kattupalli	Surapattu	36	-	-	4.9
		Nallur	33	-	-	6.2
	Ennore	Surapattu	35	-	-	3.7
	Tuticron	VoCPT CheckPost1	4.3	13.0	12.9	11.9

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

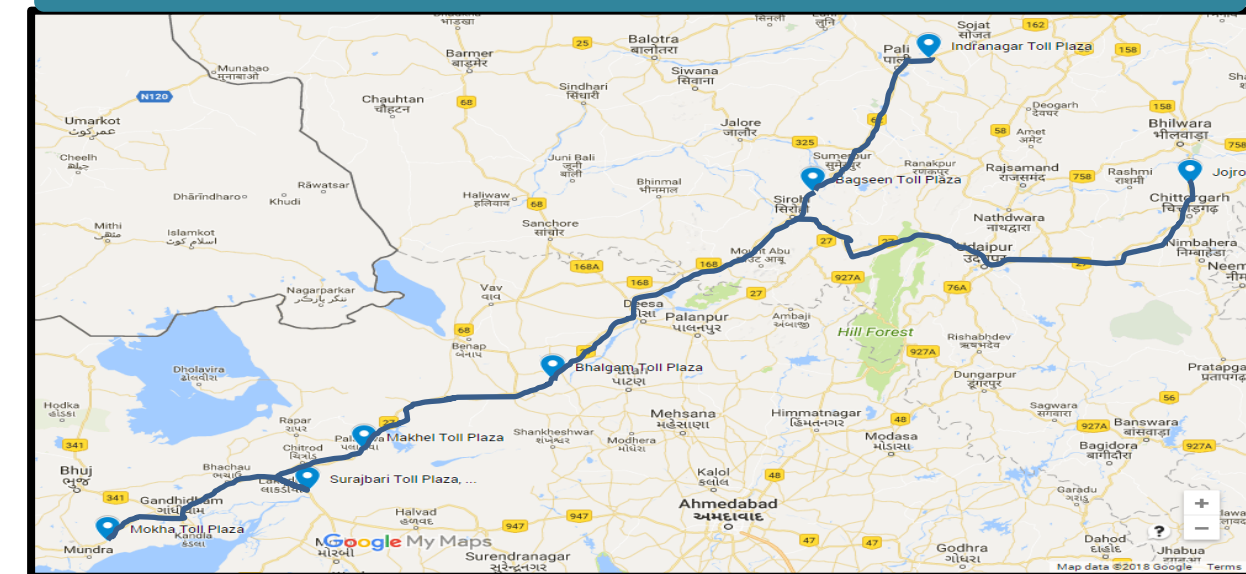
Avg. Speed between Toll to Toll Plazas

	Source	Destination Toll Plaza	Inter Distance (Km)	Feb'21 (in km/hrs)	Mar'21 (in km/hrs)
JNPT	JNPT	Khaniwade	94	14.7	15.4
	JNPT	Khalapur	60	7.8	11.8
	Khaniwade	Charoti	50	37.2	37.9
	Charoti	Boriach	126	29.6	28.7
	Boriach	Bharthan	142	33.0	33.0
	Bharthan	Vasad	60	38.8	38.8
	Khalalpur	Khedshivpur	105	33.8	30.6
	Daulatpura	Kherki	199	16.6	15.1
APSEZ	APSEZ	Mokha	28	24.6	26.7
	Mokha	Makhel	150	23.7	21.3
	Mokha	Surajbari	115	25.8	25.6
	Makhel	Bhalgam	108	37.7	35.2

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

List of CFS name used in CFS Performance Index

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

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

List of CFS name used in Eastern CFS Performance Index

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



THANK YOU