

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

Gujarat Region

Import	Export
25.5 hrs	134.3 hrs

Mumbai Region

Import	Export
22.9 hrs	76.8 hrs

Kochi Region

Import	Export
64.1 hrs	107.9 hrs

Tuticorin Region

Import	Export
28.9 hrs	52.4 hrs

Kolkata Region

Import	Export
29.4 hrs	113.5 hrs

Vishakhapatnam Region

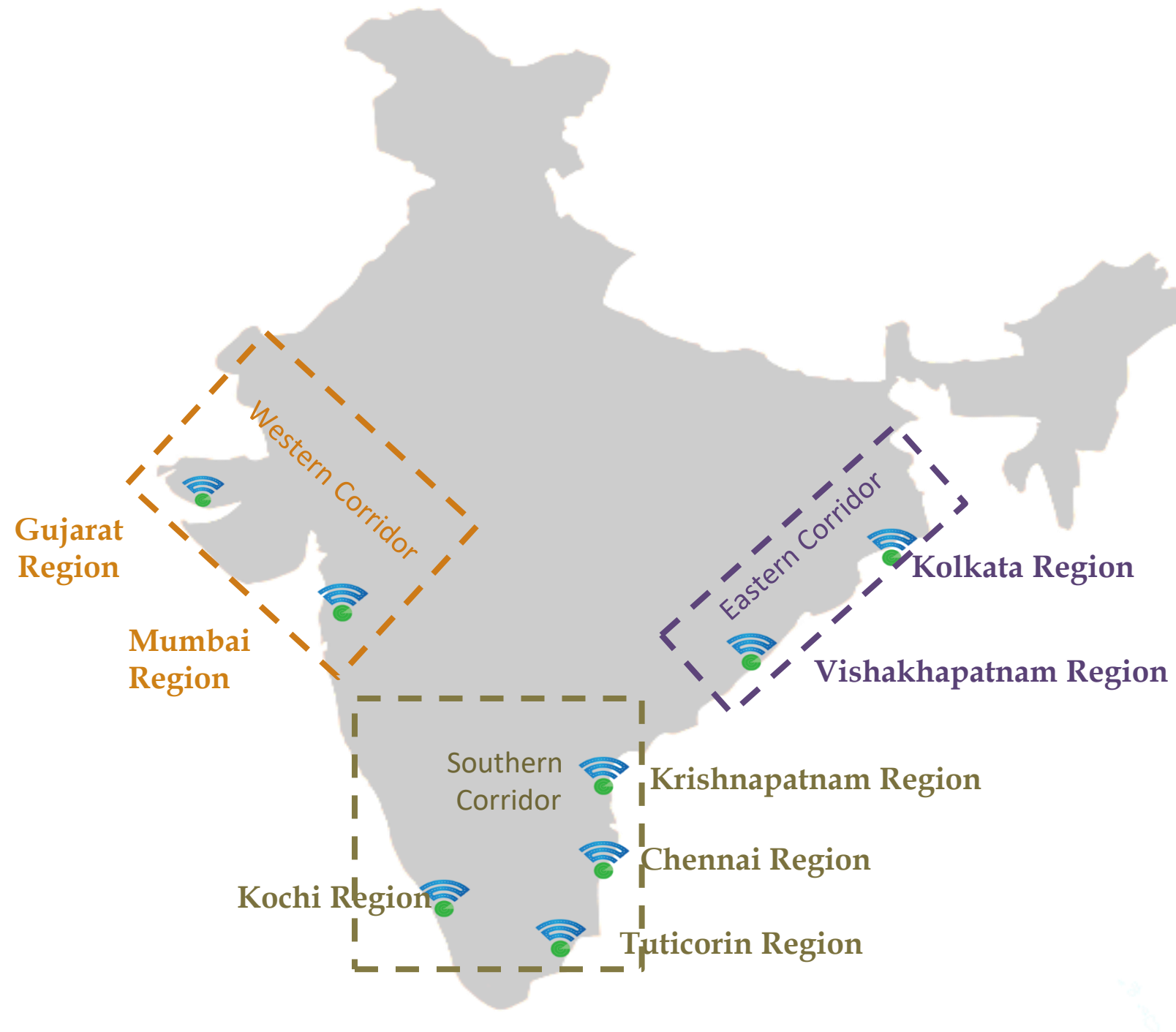
Import	Export
42.6 hrs	113.0 hrs

Krishnapatnam Region

Import	Export
73.2 hrs	61.9 hrs

Chennai Region

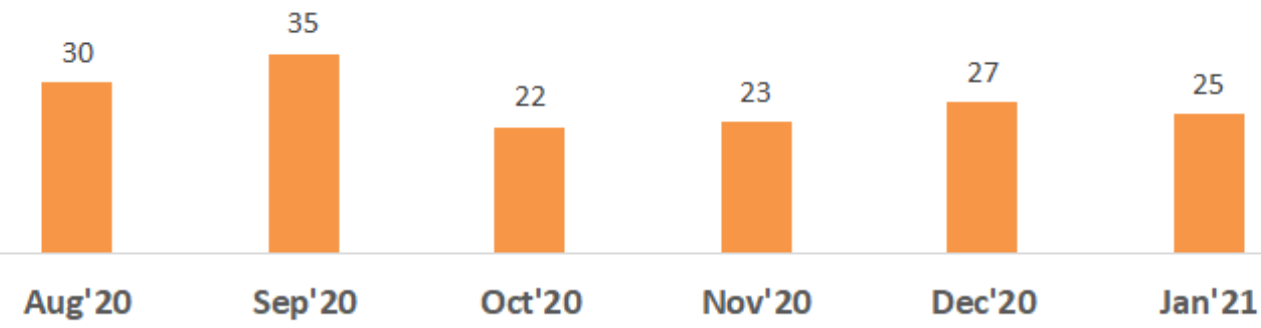
Import	Export
63.0 hrs	93.6 hrs



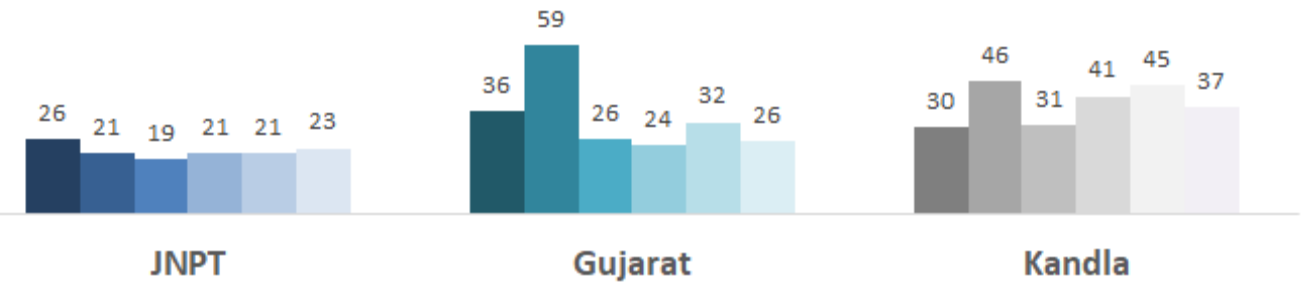
Port Dwell Time Performance – Western Corridor (Import Cycle)

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

Western Corridor

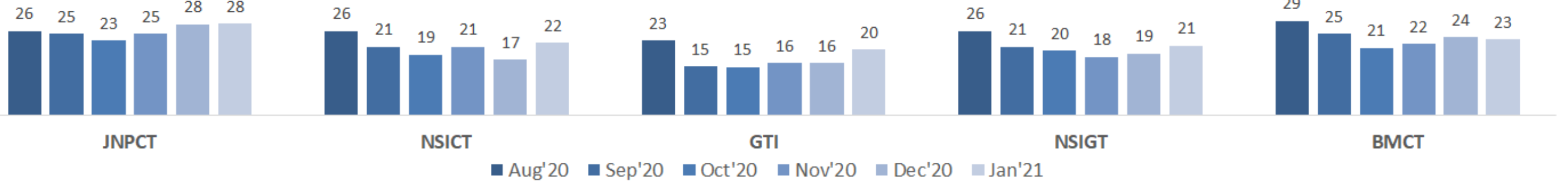


Port - Wise

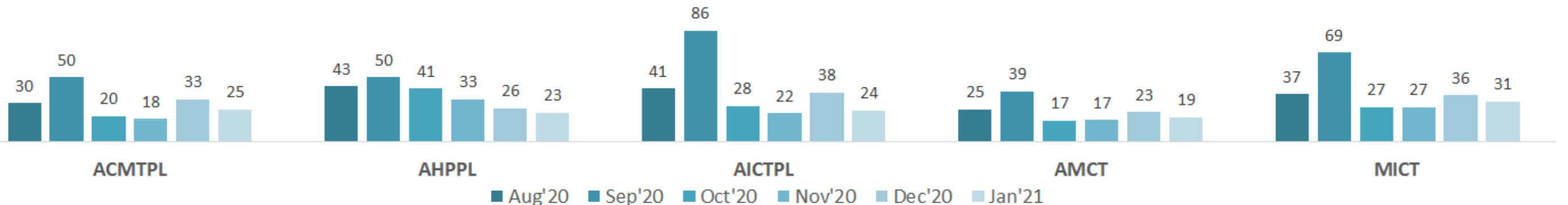


Above chart depicts the Ports performance for the duration of last six months

JNPT - Terminal



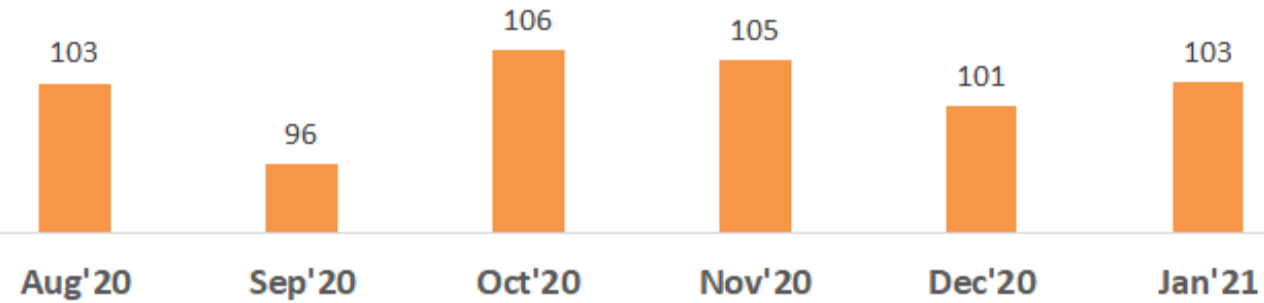
Gujarat - Terminal



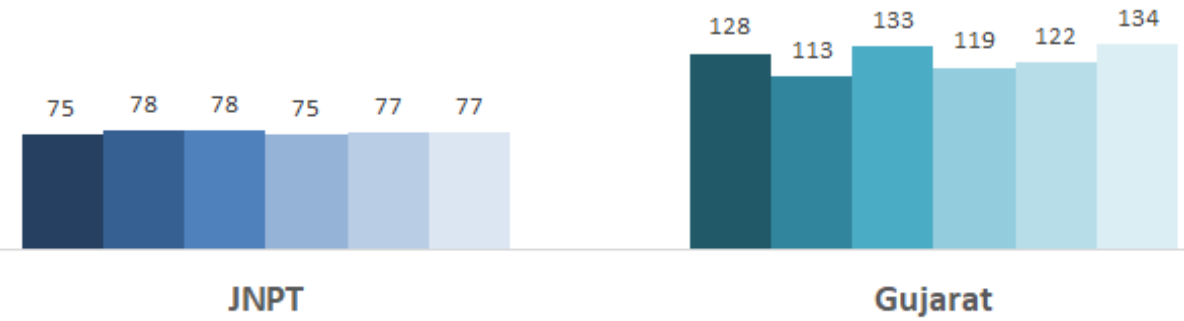
Port Dwell Time Performance – Western Corridor (Export Cycle)

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

Western Corridor

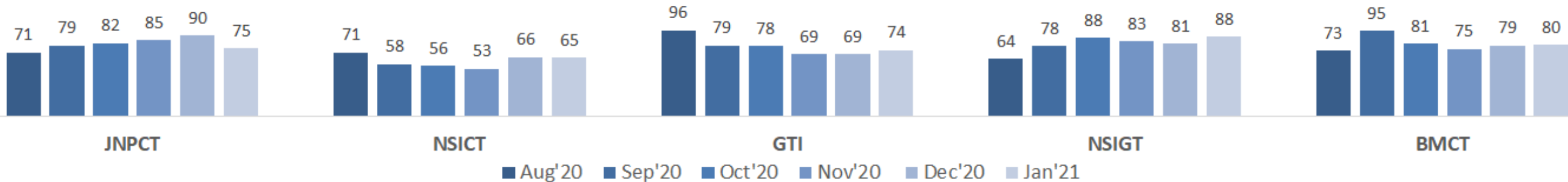


Port - Wise

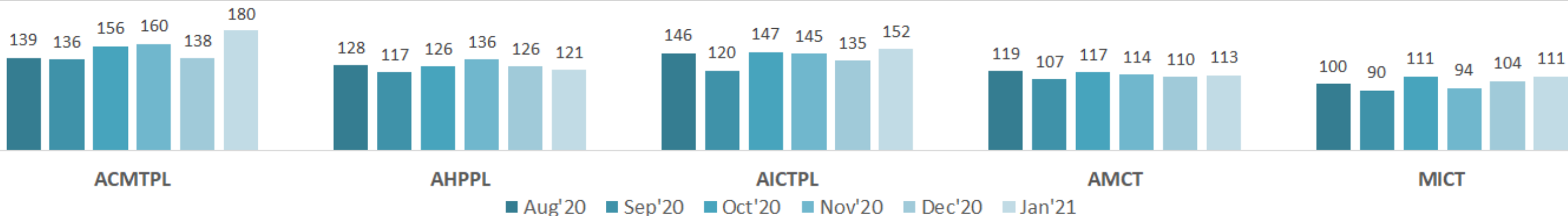


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JNPT - Terminal



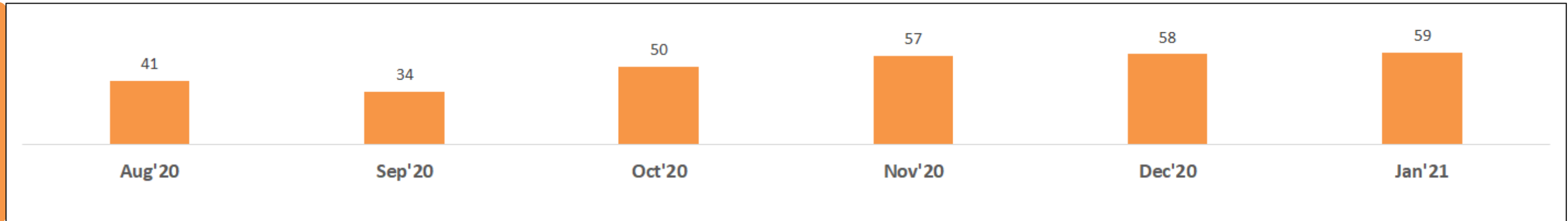
Gujarat - Terminal



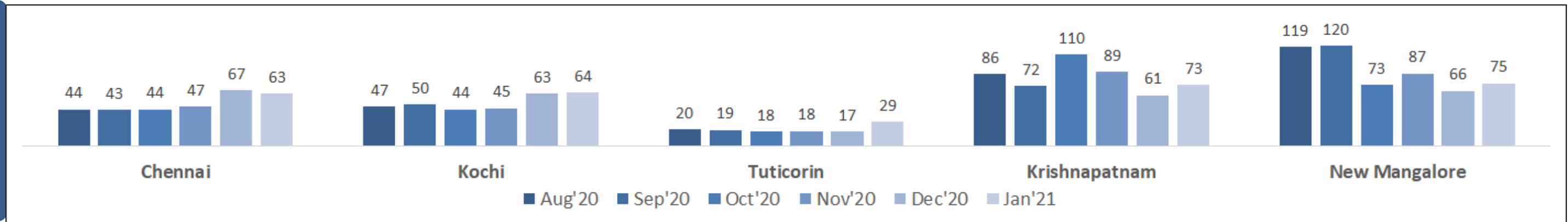
Port Dwell Time Performance – Southern Corridor (Import Cycle)

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

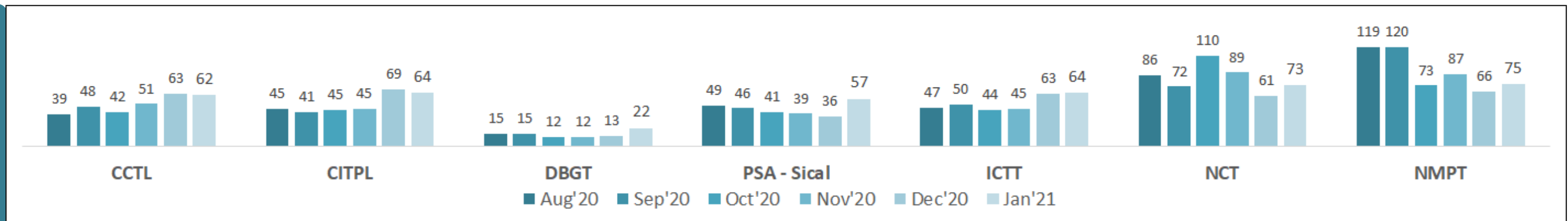
Southern Corridor



Port - Wise



Terminal - Wise



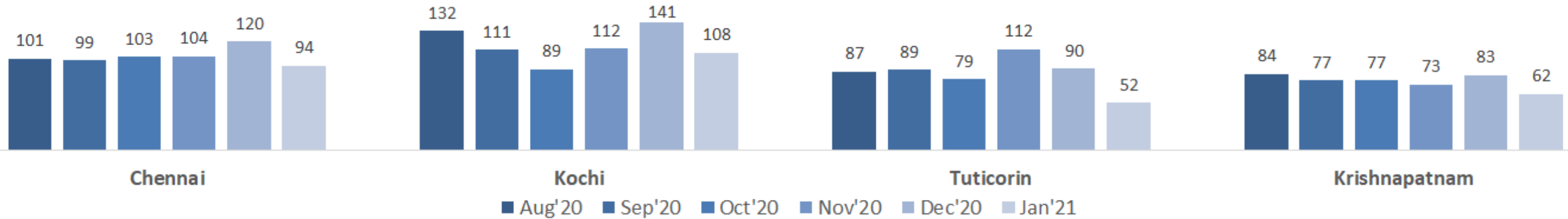
Port Dwell Time Performance – Southern Corridor (Export Cycle)

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

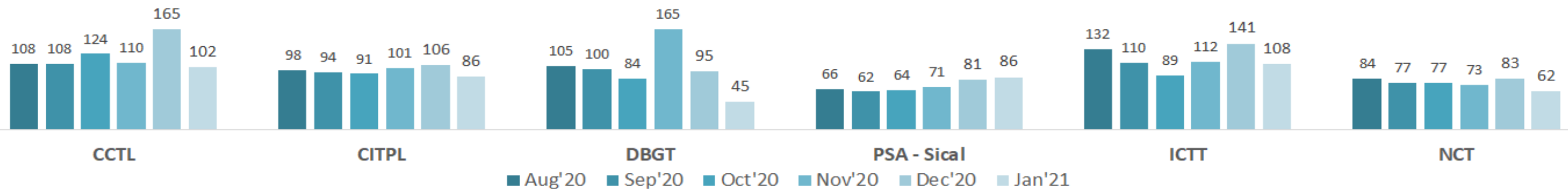
Southern Corridor



Port - Wise



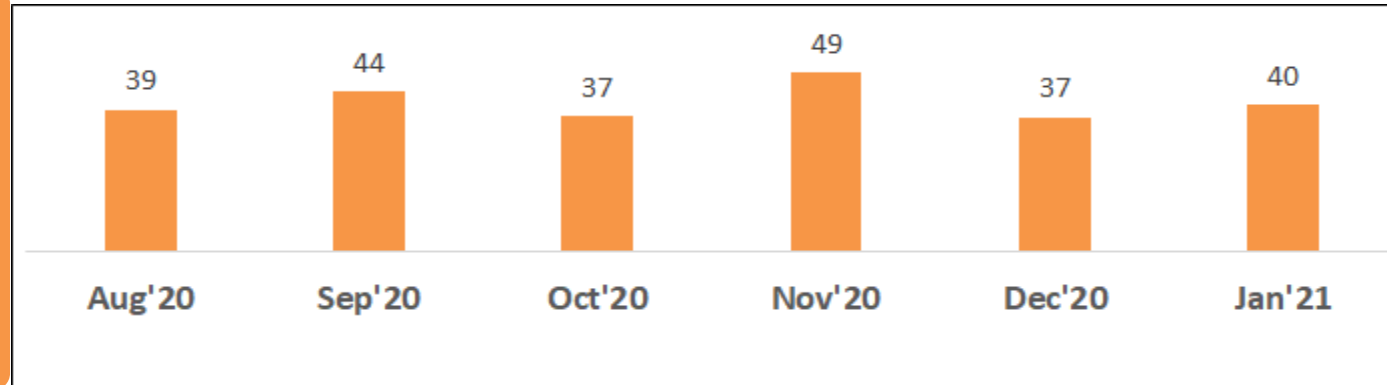
Terminal - Wise



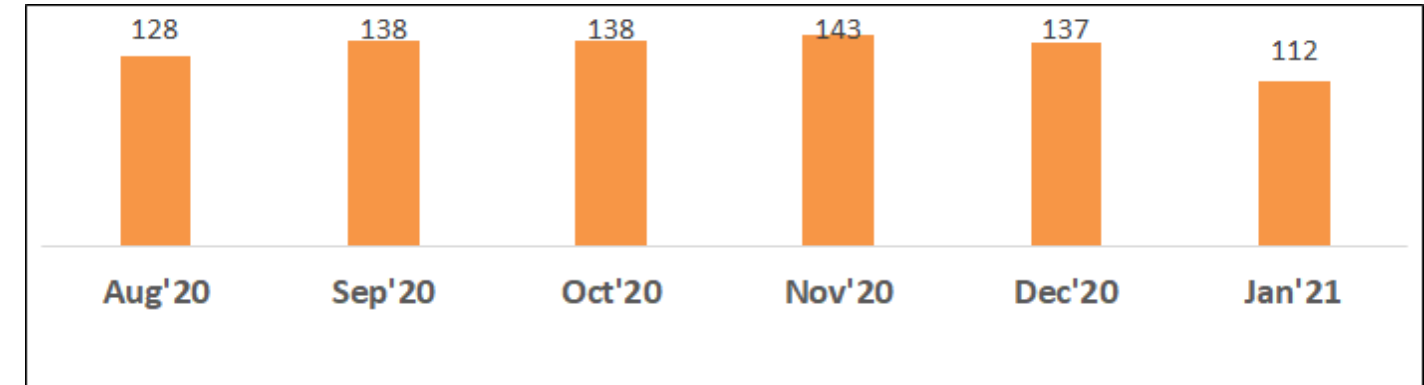
Port Dwell Time Performance – Eastern Corridor

Import Cycle (in hrs)

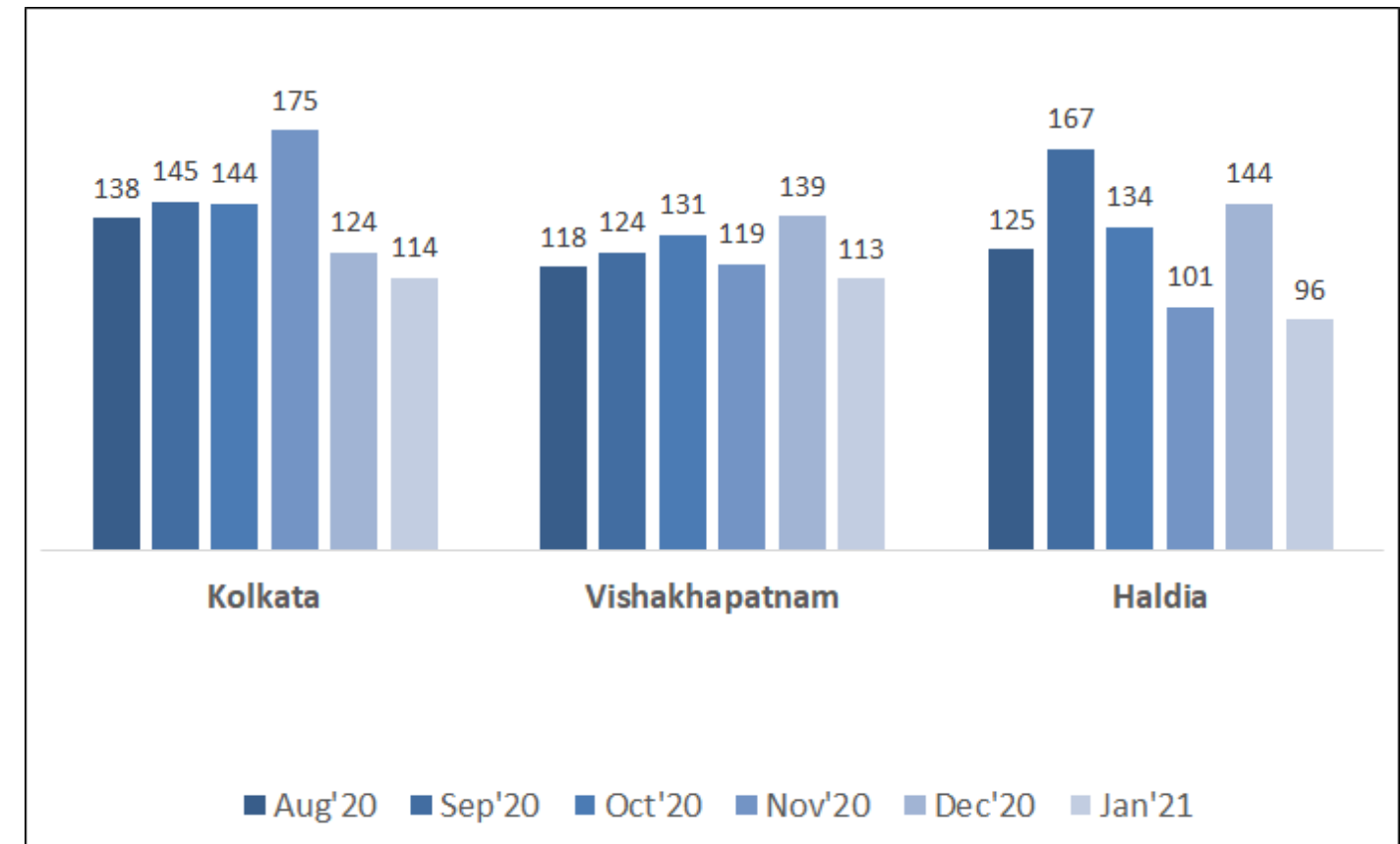
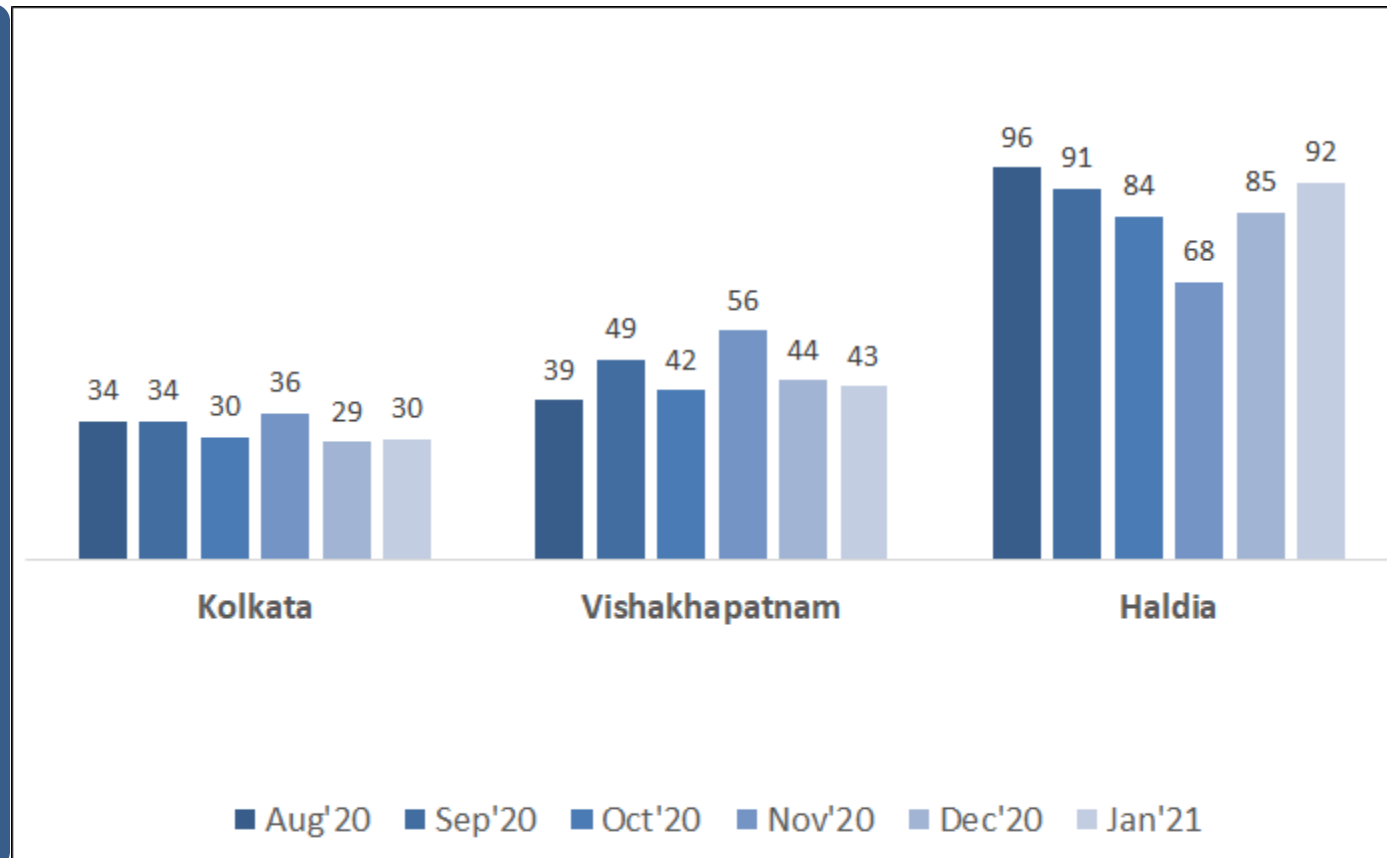
Eastern Corridor



Export Cycle (in hrs)







Port - Wise



Western Corridor

- The Overall container handling performance in Western Corridor in import cycle has improved by 8% whereas in export cycle it has deteriorated by 3%
- The container handling performance at CFS has deteriorated by 6%. Also, ICD performance has deteriorated by 0.2%.

Month	Import cycle - Dwell Time	Export cycle - Dwell Time	CFS Dwell Time	ICD Dwell Time
Jan'21	24.5 hrs 	103.2 hrs 	92.1 hrs 	127.8 hrs 
Dec'20	26.6 hrs	100.5 hrs	86.9 hrs	127.5 hrs

Southern Corridor

- The Overall container handling performance in Southern Corridor in import Cycle has deteriorated by 2% & in export cycle has improved by 25%.
- The container handling performance at CFS has deteriorated by 19%

Month	Import cycle - Dwell Time	Export cycle - Dwell Time	CFS Dwell Time
Jan'21	58.6 hrs 	86.7 hrs 	125.6 hrs 
Dec'20	57.5 hrs	115.2 hrs	105.6 hrs

Eastern Corridor

- The Overall container handling performance in Eastern Corridor in import Cycle has deteriorated by 7% & in export Cycle has improved by 16%
- The container handling performance at CFS has improved by 3%

Month	Import Cycle - Dwell Time	Export Cycle - Dwell Time	CFS Dwell Time
Jan'21	40.1 hrs 	111.5 hrs 	123.4 hrs 
Dec'20	37.4 hrs	132.3 hrs	127.3 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)
January'21	6.3 Days

EXPORT CYCLE

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

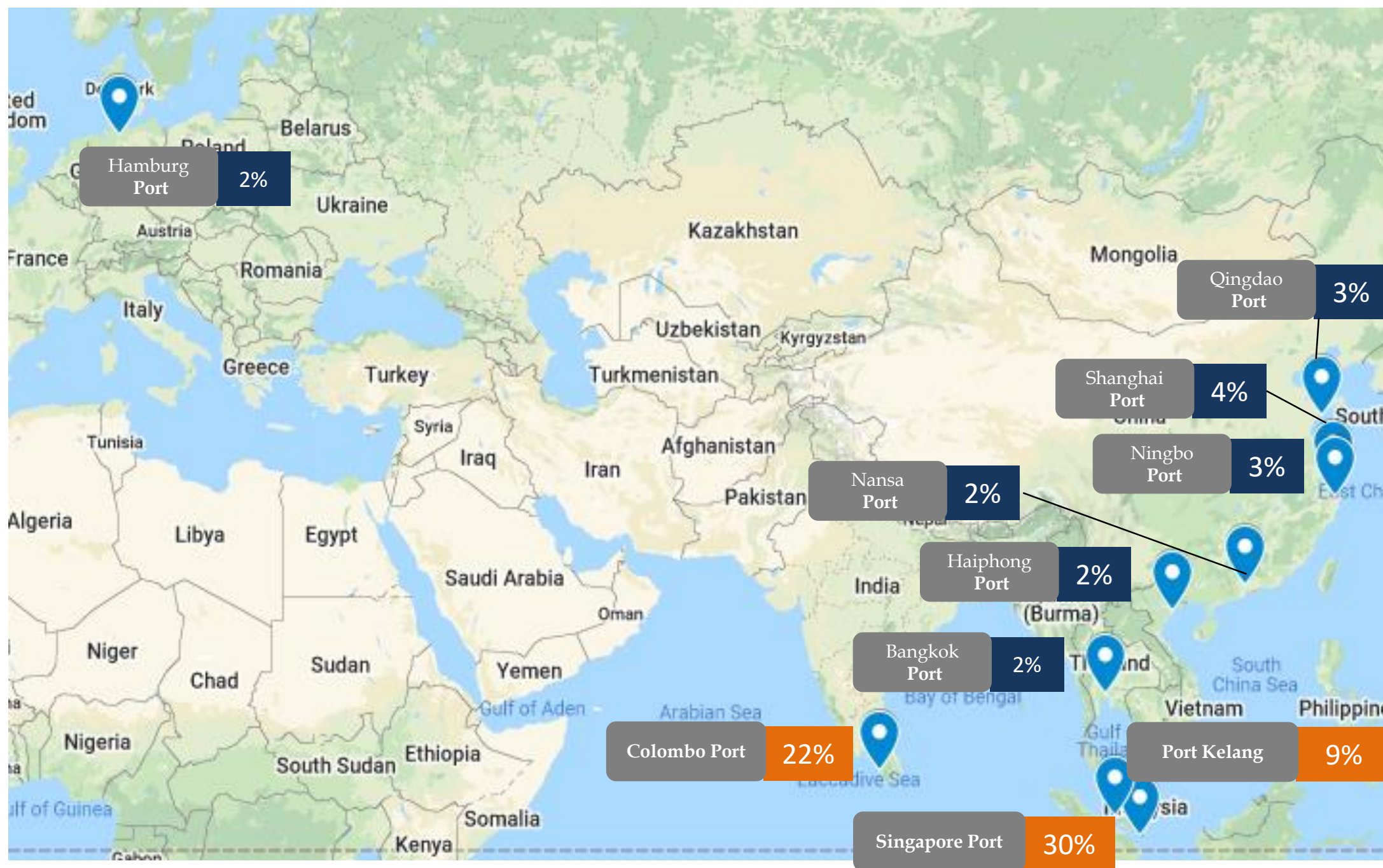
Custom process duration analysis is the average time taken to get LEO order (custom clearance date) from the time of shipping bill entry

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

PAN India Overall (Export Cycle)	
Month	Custom process duration analysis (in Days)
January'21	1 Day

Vessel Heat Map analysis: Export

Below Heat Map depicts the export destinations of containers from India

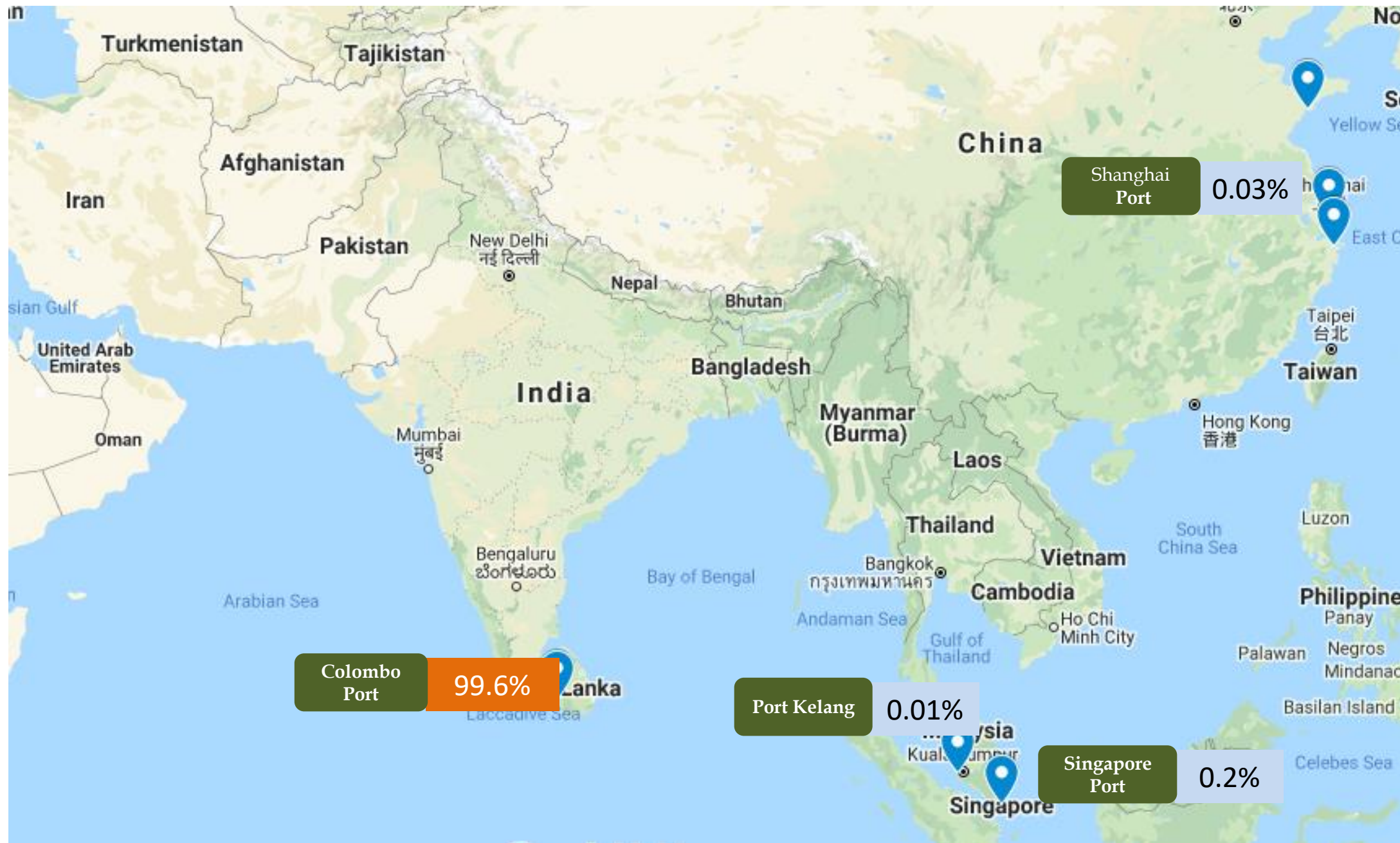


Month of Jan'21	
Export Destination	Traffic (in %)
Singapore Port	21%
Colombo	36%
Shanghai	2%
Port Kelang	10%
Bangkok	1%
Qingdao	2%
Haiphong	2%
Ningbo	2%
Nansha	1%
Hamburg	1%
Others	21%

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

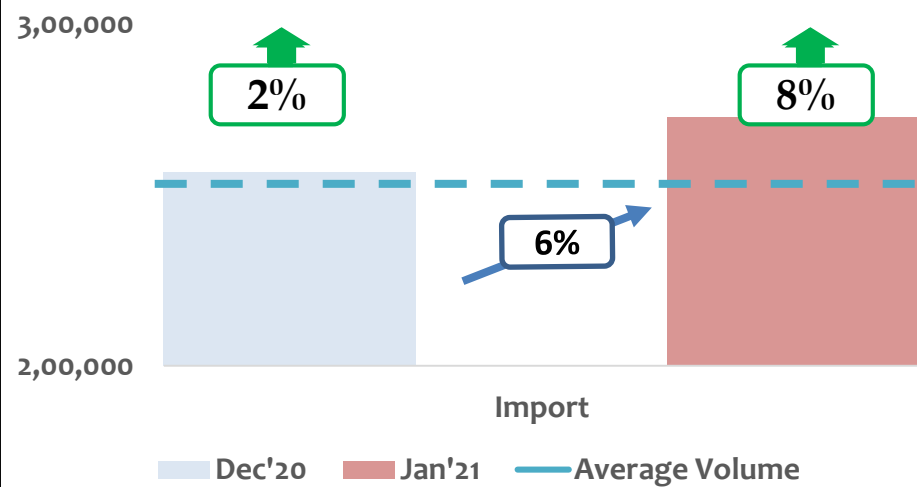


Month of Jan'21	
Import cycle Origin	Volume (in %)
Colombo	99.6%
Port Kelang	0.01%
Singapore Port	0.2%
Shanghai	0.03%
Others	0.2%

Below graphs depicts the change in volume percentage during the month of Jan'21 w.r.t the last month i.e., Dec'20 (during Covid 19) and the average EXIM corridor wise volume

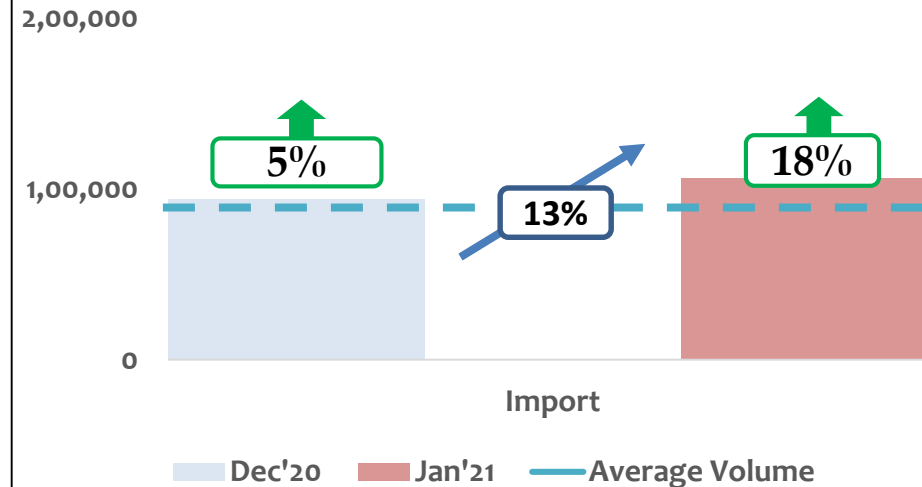
Western Corridor

Import Cycle



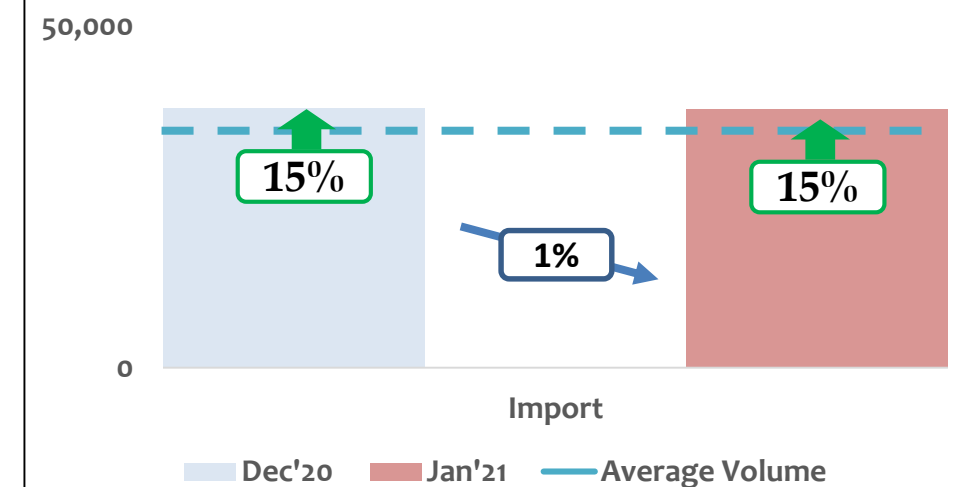
Southern Corridor

Import Cycle

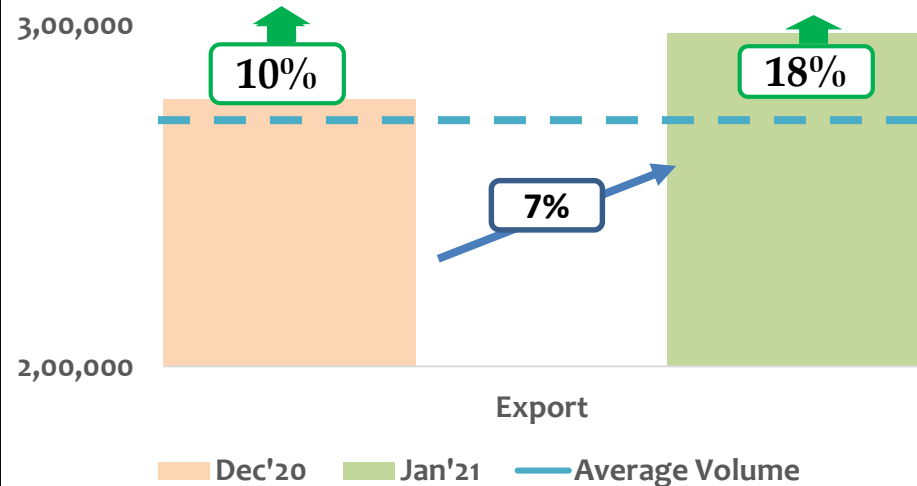


Eastern Corridor

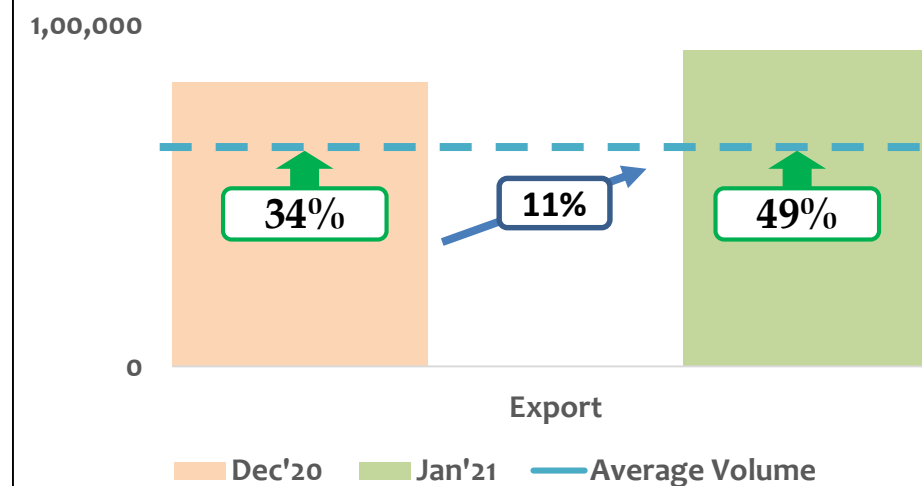
Import Cycle



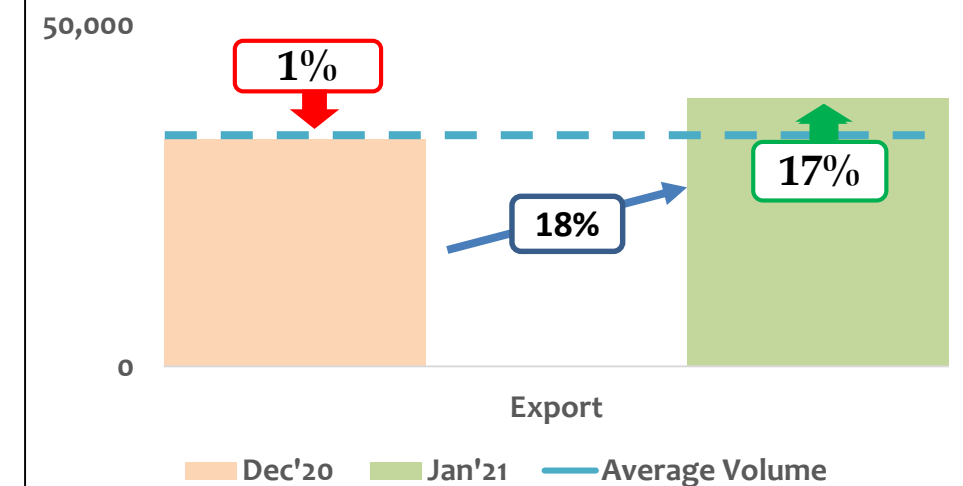
Export Cycle



Export Cycle



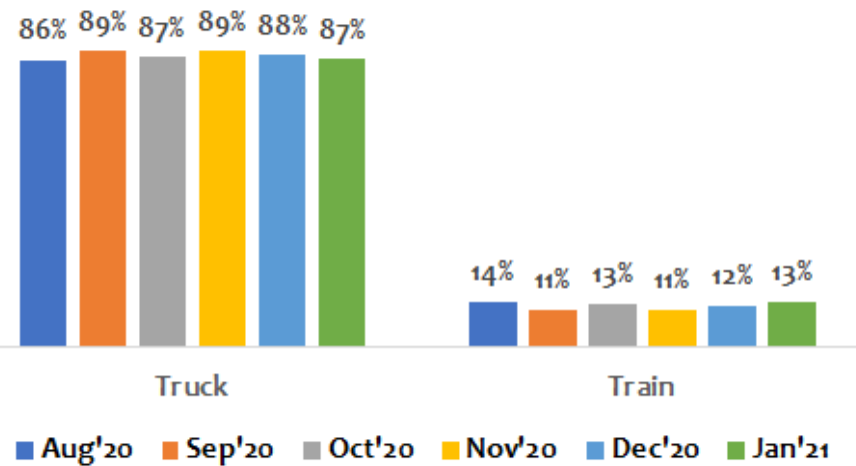
Export Cycle



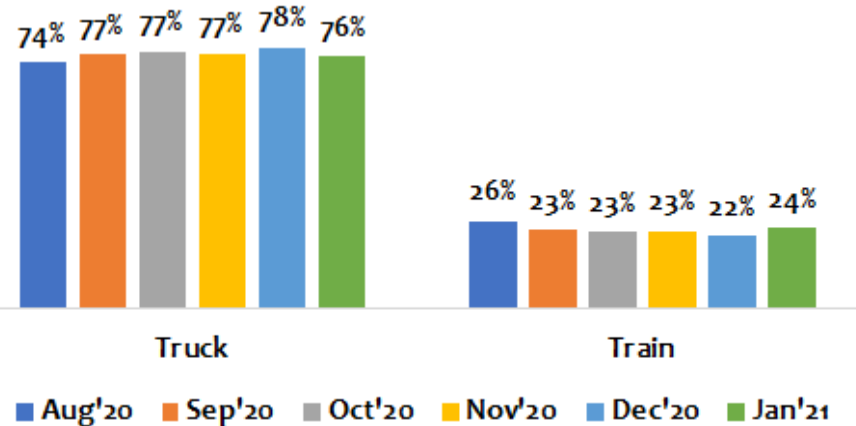
Below table depicts the volume % share of Truck & Train and impact of Covid-19 on the Traffic movements and the difficulty of road movements during the lockdown

Western Corridor

Import Cycle

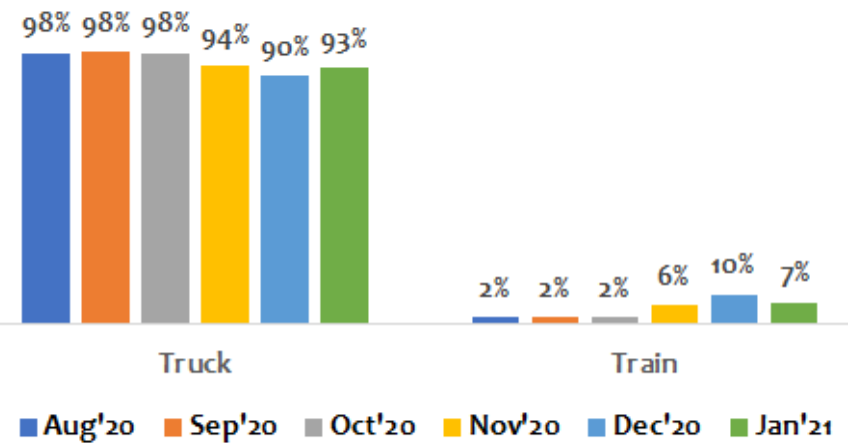


Export Cycle

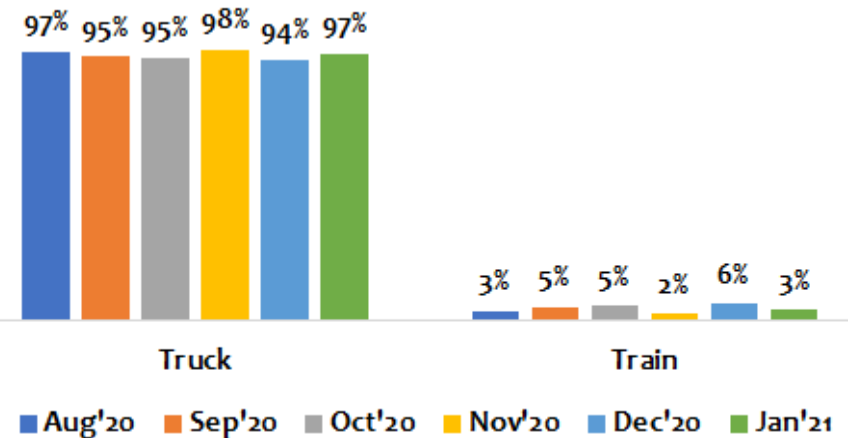


Southern Corridor

Import Cycle

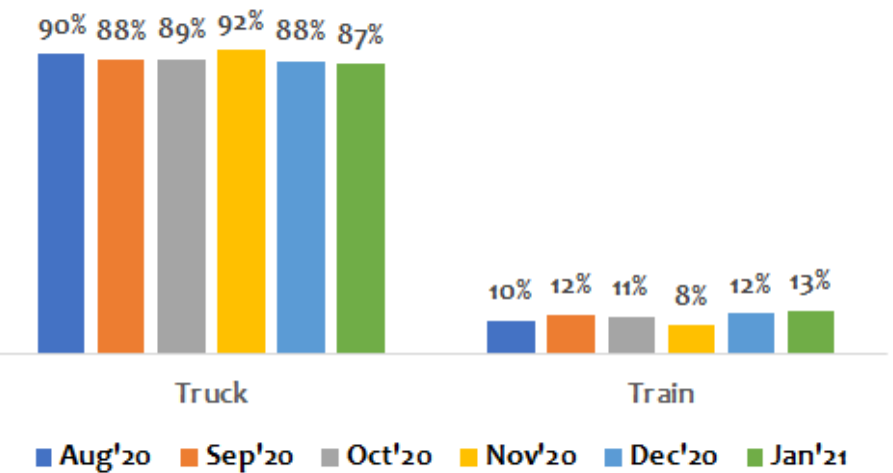


Export Cycle

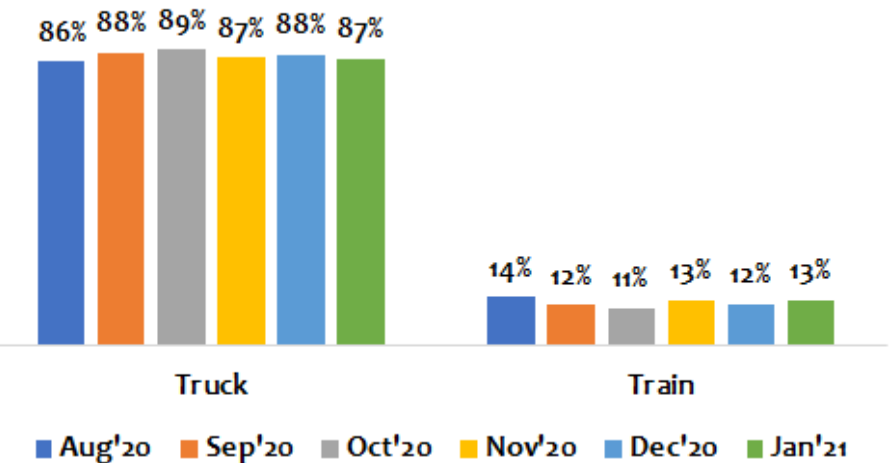


Eastern Corridor

Import Cycle



Export Cycle

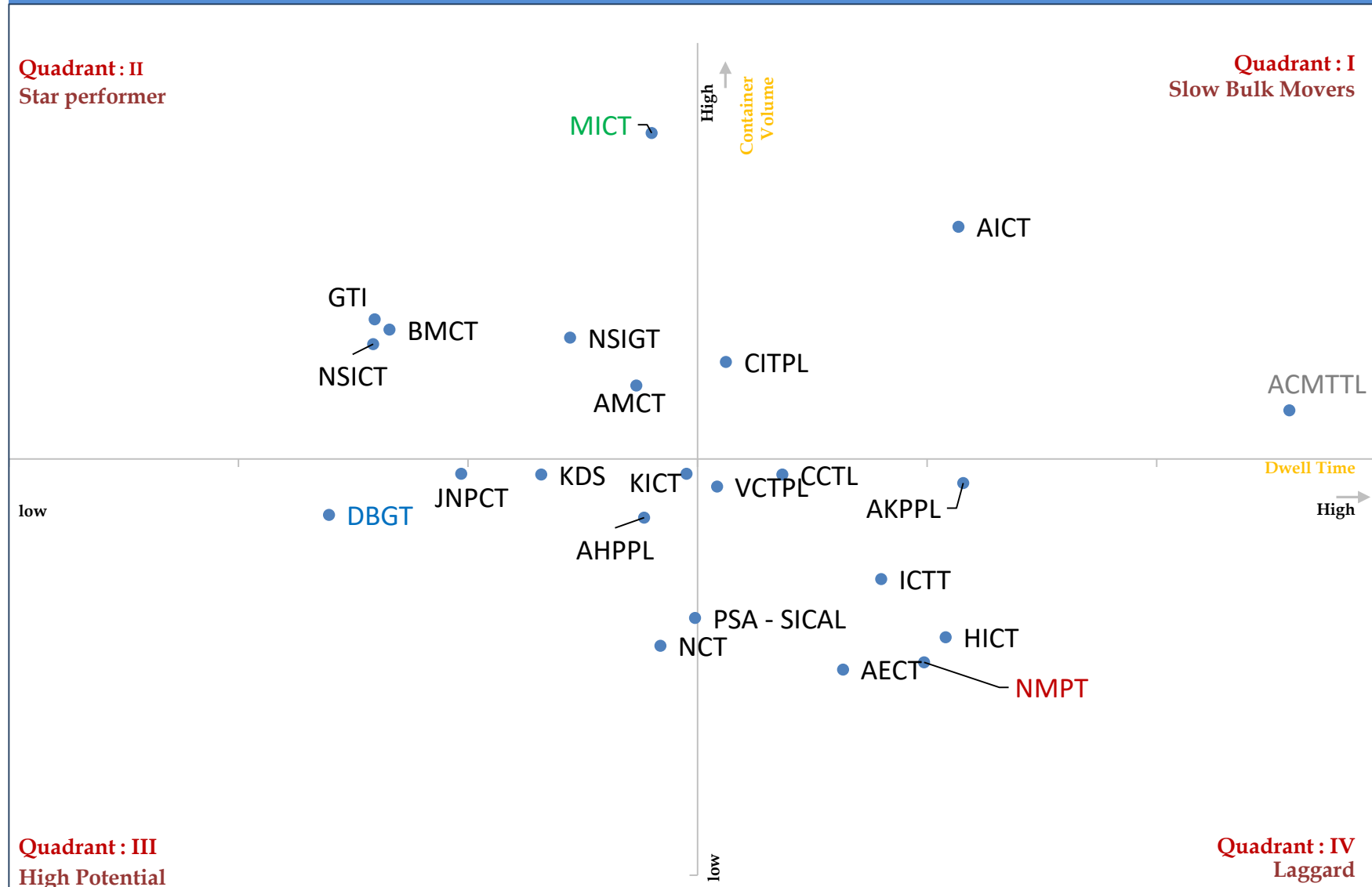




Performance Benchmarking - Port Terminals

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


Port Terminal Performance Index - Jan'21



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


Top Performing Terminal

Mundra International Container Terminal (MICT)

Dec'20	Jan'21
67.7 Hrs	65.6 Hrs. 

Low Performing Terminal

New Mangalore Port Terminal (NMPT)

Dec'20	Jan'21
89.8 Hrs	93.8 Hrs 

Note: The performance benchmarking is based on performance index



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

Performance Index- Summary

In order to assess the relative performance of various entities like Port terminals, CFS(s) and ICD(s), the relative Dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular organisation on the basis of these two combined factors i.e. Dwell time and Volume

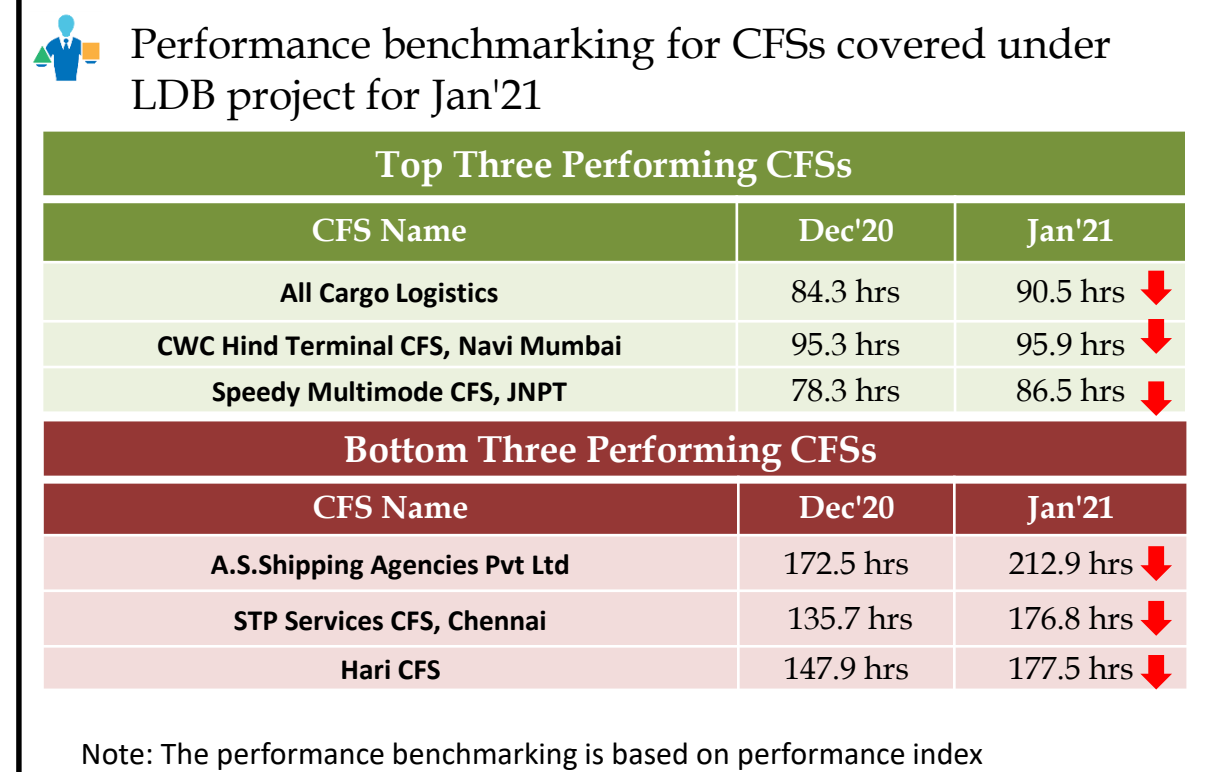
Star Performer: consist of entities which have catered relatively high container volume in lower dwell time

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

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

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

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



<p style="text-align: center;">Performance Index- Summary</p> <p>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</p>
--

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

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

IMPORT

Port Dwell Time

Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
Overall	26.6	24.5
Truck	24.5	22.1
Train	55.4	64.6

EXPORT

Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
Overall	100.5	103.2
Truck	100.0	100.4
Train	103.0	118.1

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





Inland
Container
Depot (ICD)



Container
Freight
Stations (CFS)

Entity	Dec'20 (in hrs)	Jan'21 (in hrs)
CFS	86.9	92.1
ICD	127.5	127.8

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

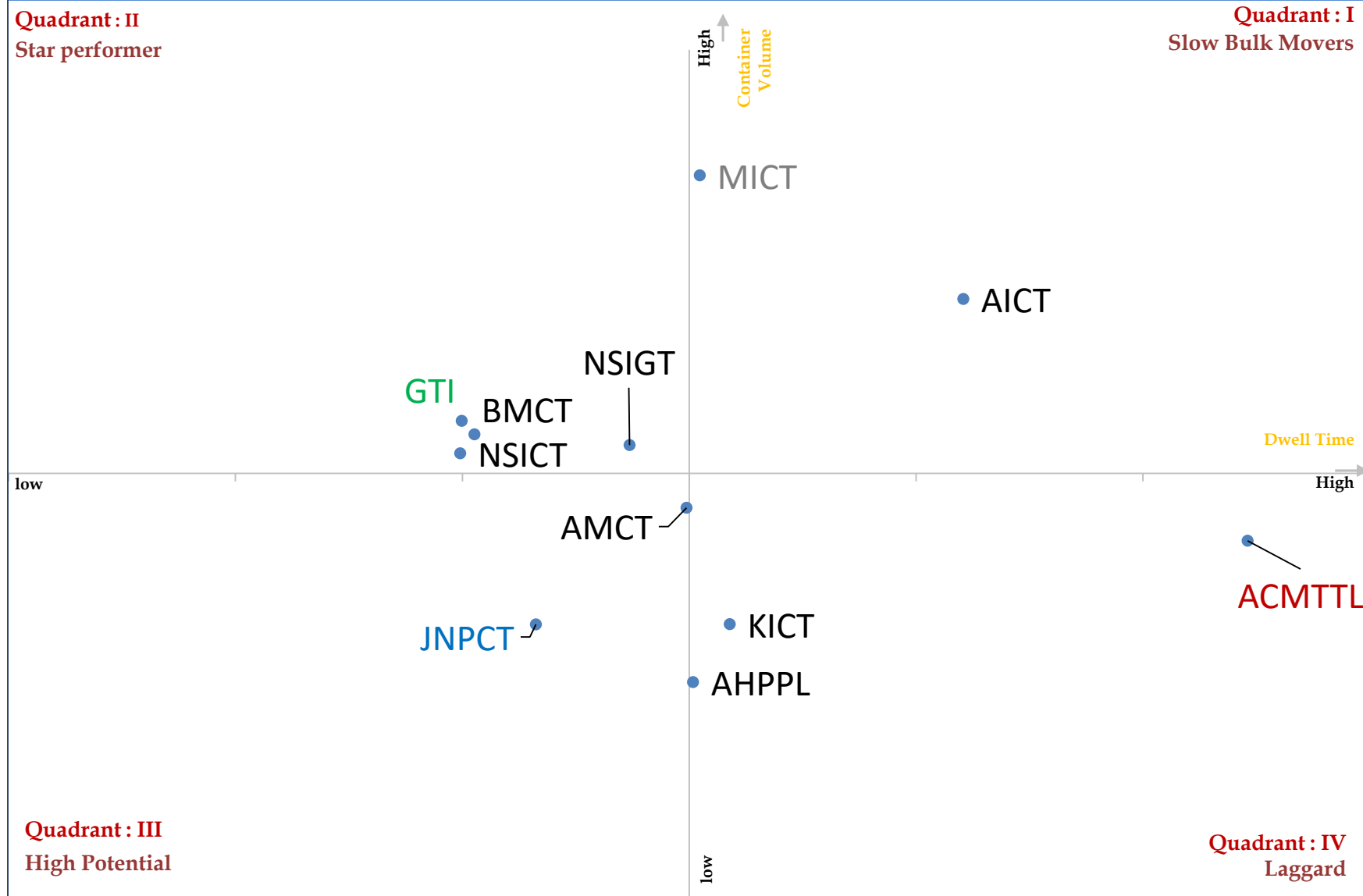
 The marked entries showcase decrease in performance in comparison to Dec'20



Performance Benchmarking - Port Terminals

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

Port Terminal Performance Index - Jan'21



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

Top Performing Terminal

Gateway Terminals India (GTI)

Dec'20	Jan'21
34.8 Hrs	37.0 Hrs.



Low Performing Terminal

Adani CMA Mundra Terminal (ACMTTL)

Dec'20	Jan'21
92.8 Hrs	131.5 Hrs



Note: The performance benchmarking is based on performance index



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

Performance Index- Summary

In order to assess the relative performance of various entities like Port terminals, CFS(s) and ICD(s), the relative Dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular organisation on the basis of these two combined factors i.e. Dwell time and Volume

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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

Dec'20

84.3 hrs

Jan'21

90.5 hrs



Low Performing CFS

A V Joshi CFS

Jan'21

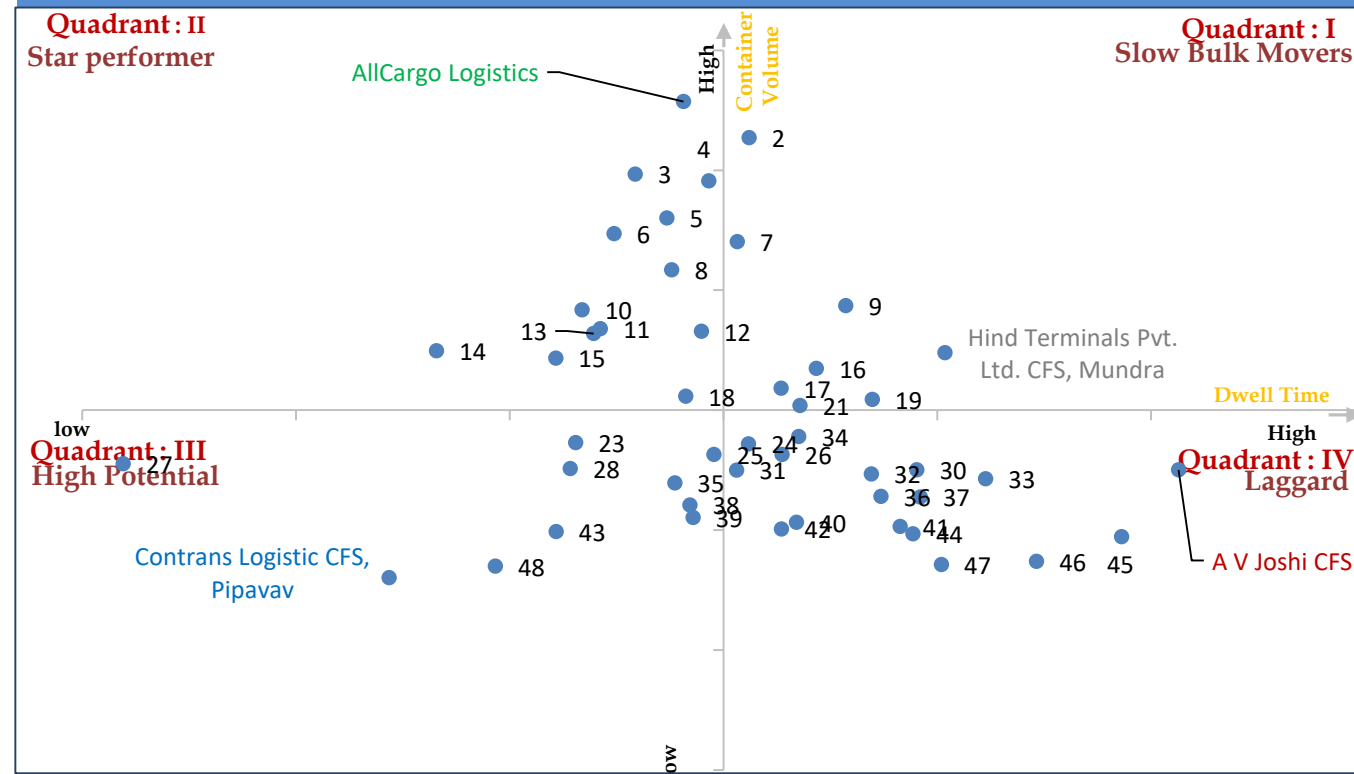
131.5 hrs.

Note: The performance benchmarking is based on performance index



The arrows depict increase/decrease in overall performance of the stakeholders as compared to Dec'20

Performance Index: Western Corridor CFS



Top Performing ICD

Gateway Rail Freight ICD, Gurgaon

Dec'20

142.4 hrs

Jan'21

110.0 hrs



Low Performing ICD

GatewayRail Freight ICD, Pyala

Dec'20

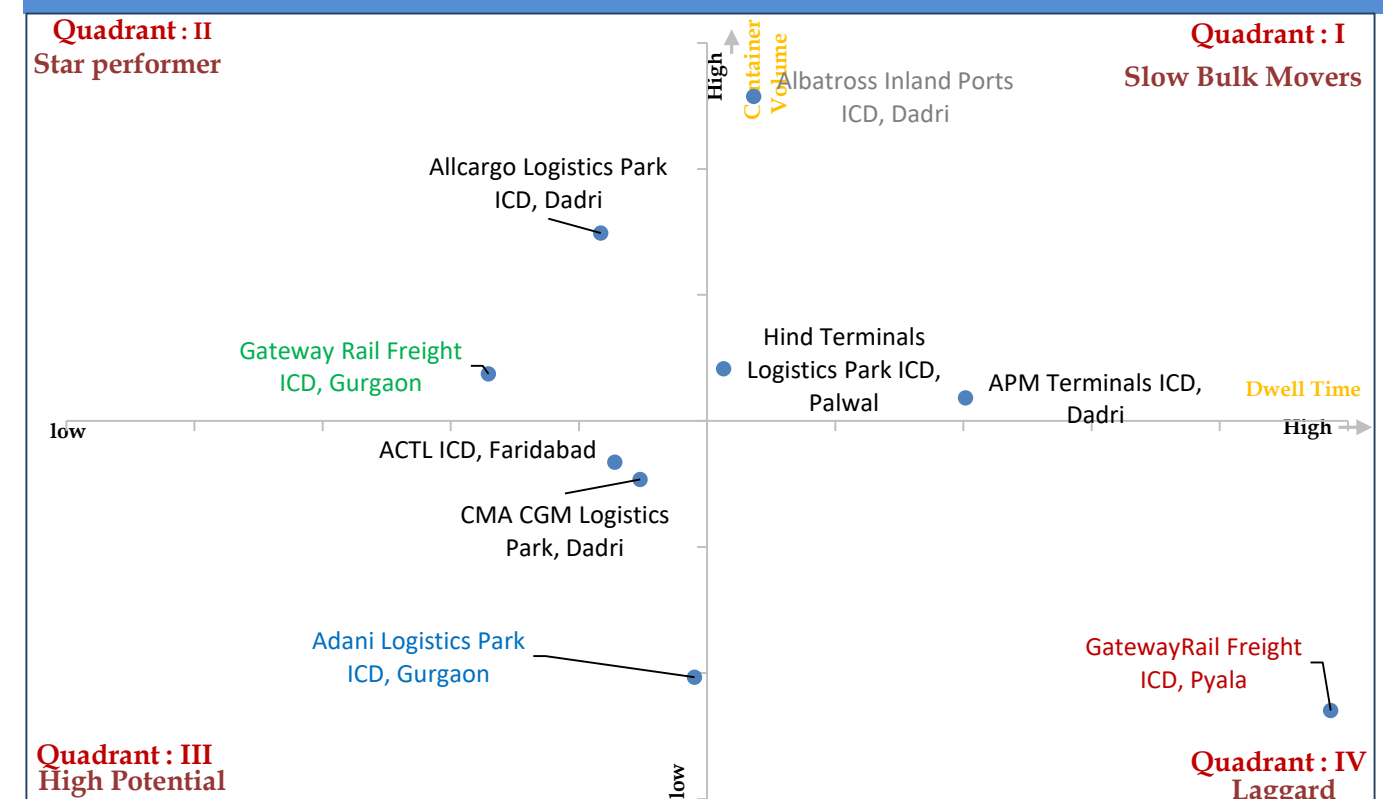
139.8 hrs

Jan'21

163.6 hrs



Performance Index: ICD



Kindly refer to Annexure section for the names of CFS

Port Dwell Time

IMPORT

Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
Overall	57.5	58.6
Truck	55.7	56.4

EXPORT

Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
Overall	115.2	86.7
Truck	120.0	87.0
Train	145.1	81.9

Container Freight Stations(CFS)- Dwell Time



Container
Freight
Stations

Entity	Dec'20 (in hrs)	Jan'21 (in hrs)
CFS	105.6	125.6

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

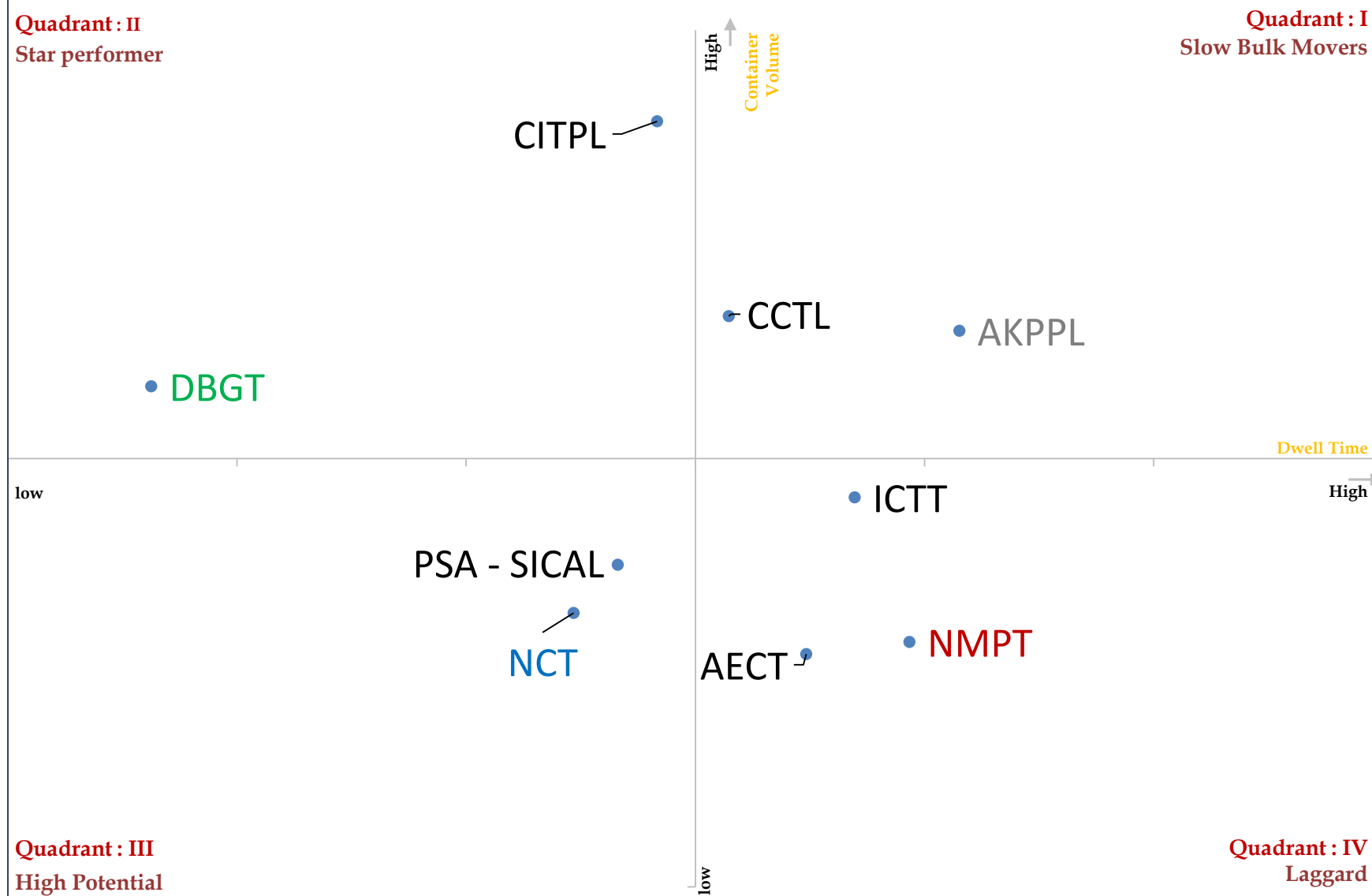
The marked entries showcase decrease in performance in comparison to Dec'20



Performance Benchmarking - Port Terminals

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

Southern Corridor Port Terminal Performance Index – Jan'21



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

Top Performing Terminal

Dakshin Bharat Gateway Terminal (DBGT)

Dec'20	Jan'21
26.9 hrs	32.3 hrs



Low Performing Terminal

New Mangalore Port Trust Terminal

Dec'20	Jan'21
89.8 hrs	93.8 hrs



Note: The performance benchmarking is based on performance index



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

Performance Index- Summary

In order to assess the relative performance of various entities like Port terminals, CFS(s) and ICD(s), the relative Dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular organisation on the basis of these two combined factors i.e. Dwell time and Volume

Star Performer: consist of entities which have catered relatively high container volume in lower dwell time

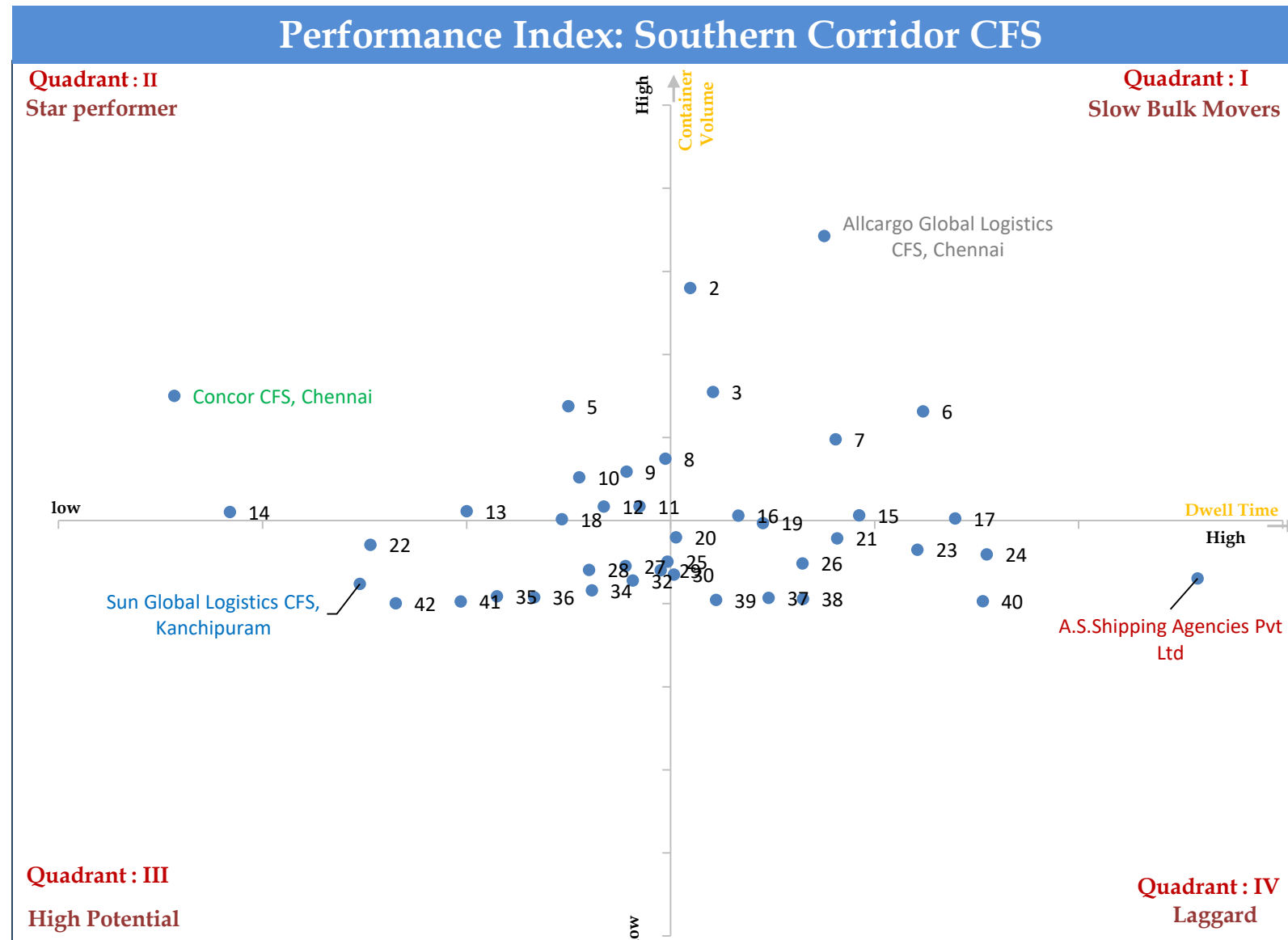
Slow Bulk Movers : consist of entities which have catered higher container volume at higher dwell time

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

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



Performance Benchmarking - CFS



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

Top Performing Terminal

Concor CFS, Chennai

Dec'20

Jan'21

31.6 hrs

41.1 hrs



Low Performing Terminal

A.S.Shipping Agencies Pvt Ltd

Dec'20

Jan'21

172.5 hrs

212.9 hrs



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IMPORT

Port Dwell Time

Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
Overall	37.4	40.1
Truck	32.7	34.5
Train	109.1	126.7

EXPORT


Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
Overall	132.3	111.5
Truck	126.7	103.9
Train	177.7	186.6


Container Freight Stations(CFS)- Dwell Time



Container
Freight
Stations

Entity	Dec'20 (in hrs)	Jan'21 (in hrs)
CFS	127.3	123.4

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

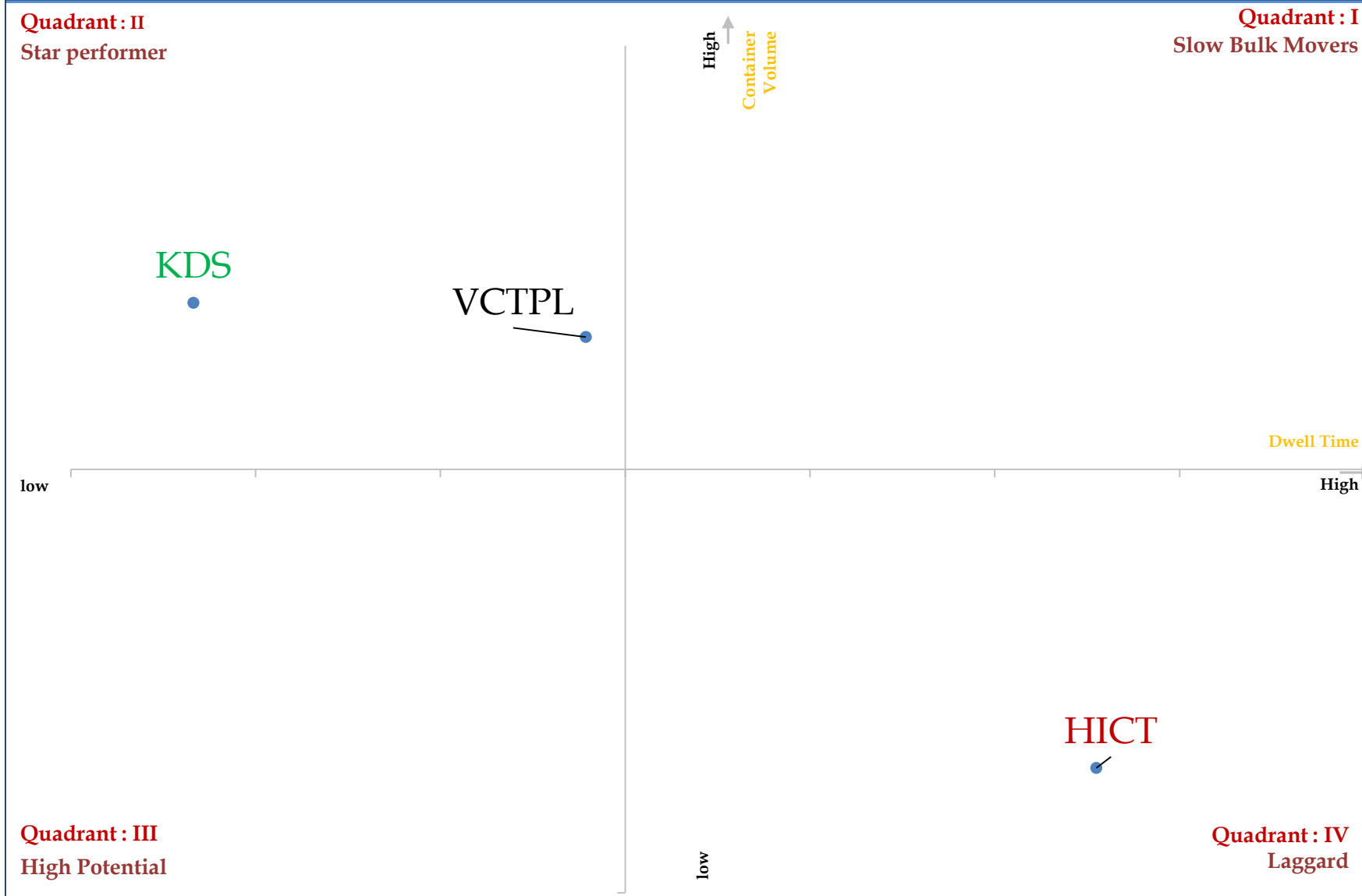
 The marked entries showcase decrease in performance in comparison to Dec'20



Performance Benchmarking - Port Terminals

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

Port Terminal Performance Index - Jan'21



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

Top Performing Terminal

Kolkata Dock System (KDS)

Dec'20

Jan'21

64.8 hrs

54.2 hrs



Low Performing Terminal

Haldia International Container Terminal (HICT)

Dec'20

Jan'21

105.1 hrs

96.0 hrs



Note: The performance benchmarking is based on performance index



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

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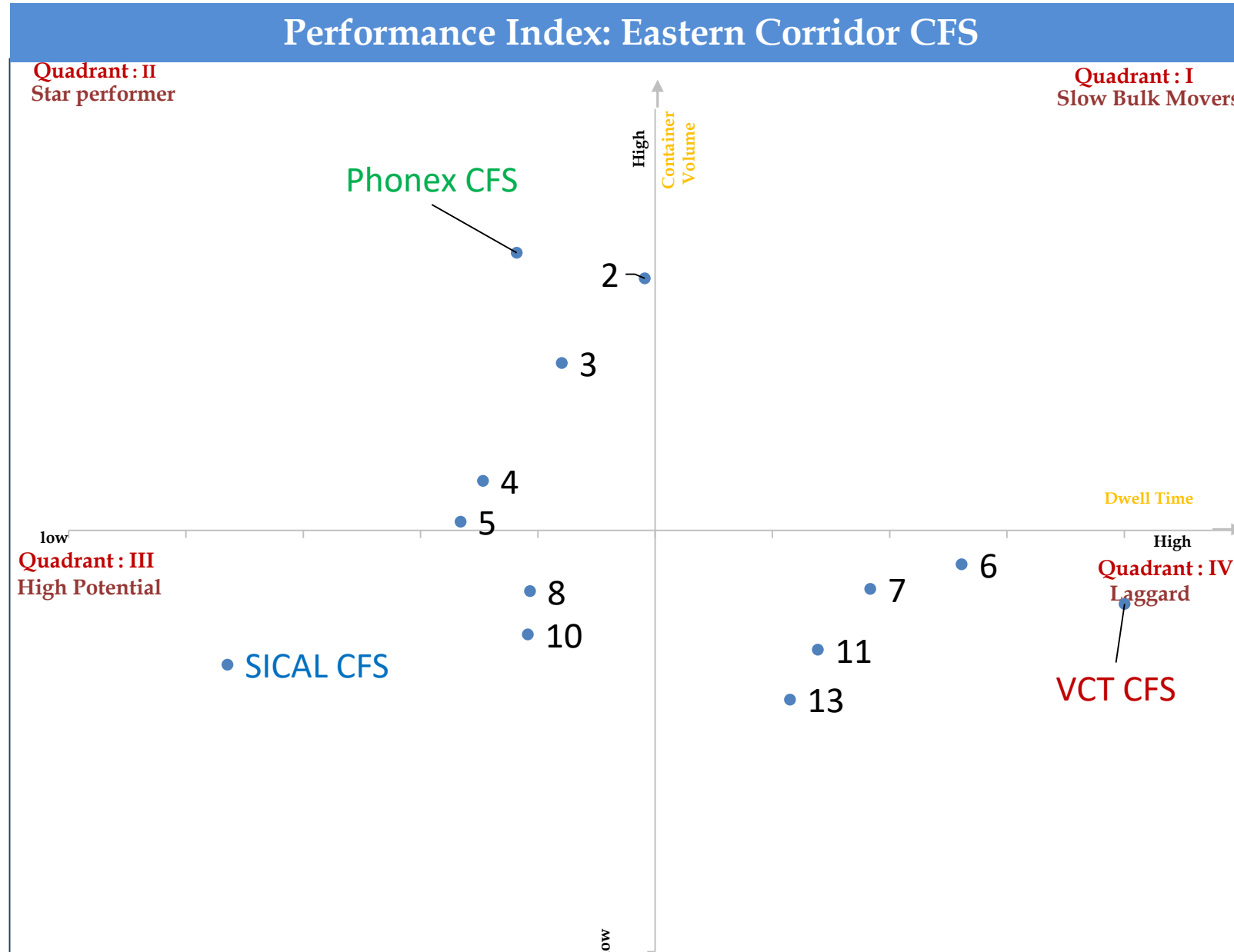
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Performance Benchmarking - CFS



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

Top Performing Terminal

Phonex CFS

Dec'20	Jan'21
129.8 hrs	117.4 hrs



Low Performing Terminal

VCT CFS

Dec'20	Jan'21
177.3 hrs	160.3 hrs



Note: The performance benchmarking is based on performance index



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

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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)

IMPORT	Port Dwell Time		
			
	Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
	Overall	67.4	63.1
	Truck	67.6	61.1
EXPORT	Train	62.0	111.0
			
	Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
	Overall	120.3	93.6
	Truck	119.1	93.8
	Train	153.4	82.3

Transit Time		
Transit Cycle	Dec'20 (in hrs)	Jan'21 (in hrs)
Port to CFS	3.3	3.4
Towards CFS 		
Transit Cycle	Dec'20 (in hrs)	Jan'21 (in hrs)
CFS to Port	10.7	8.2
From CFS 		

Container Freight Station (CFS) - Dwell Time		
		
CFS		
Entity	Dec'20 (in hrs)	Jan'21 (in hrs)
CFS	100.9	119.2

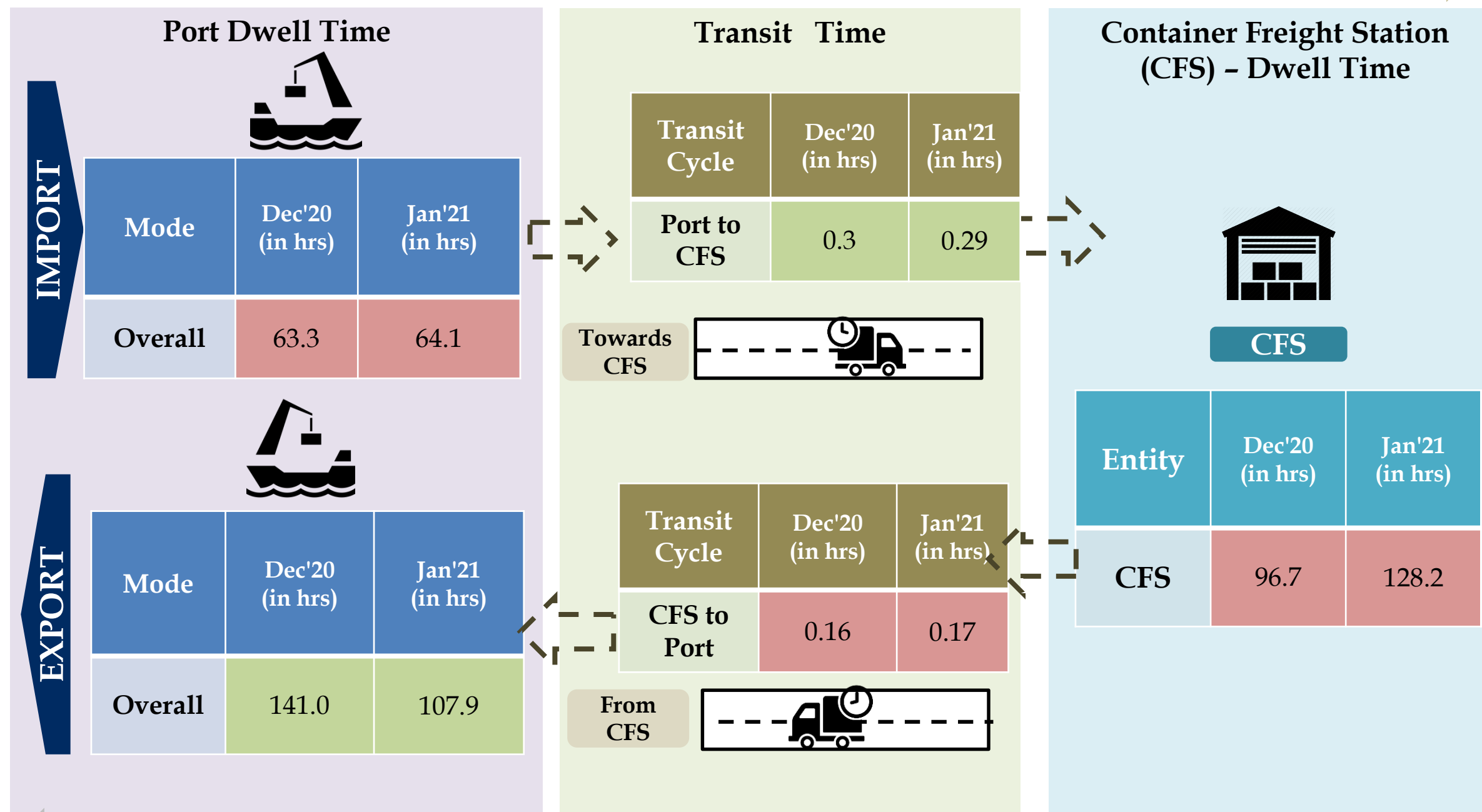
The marked entries showcase the increase in performance as compared to Dec'20

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

Container Lifecycle (Export Cycle)

Kochi Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



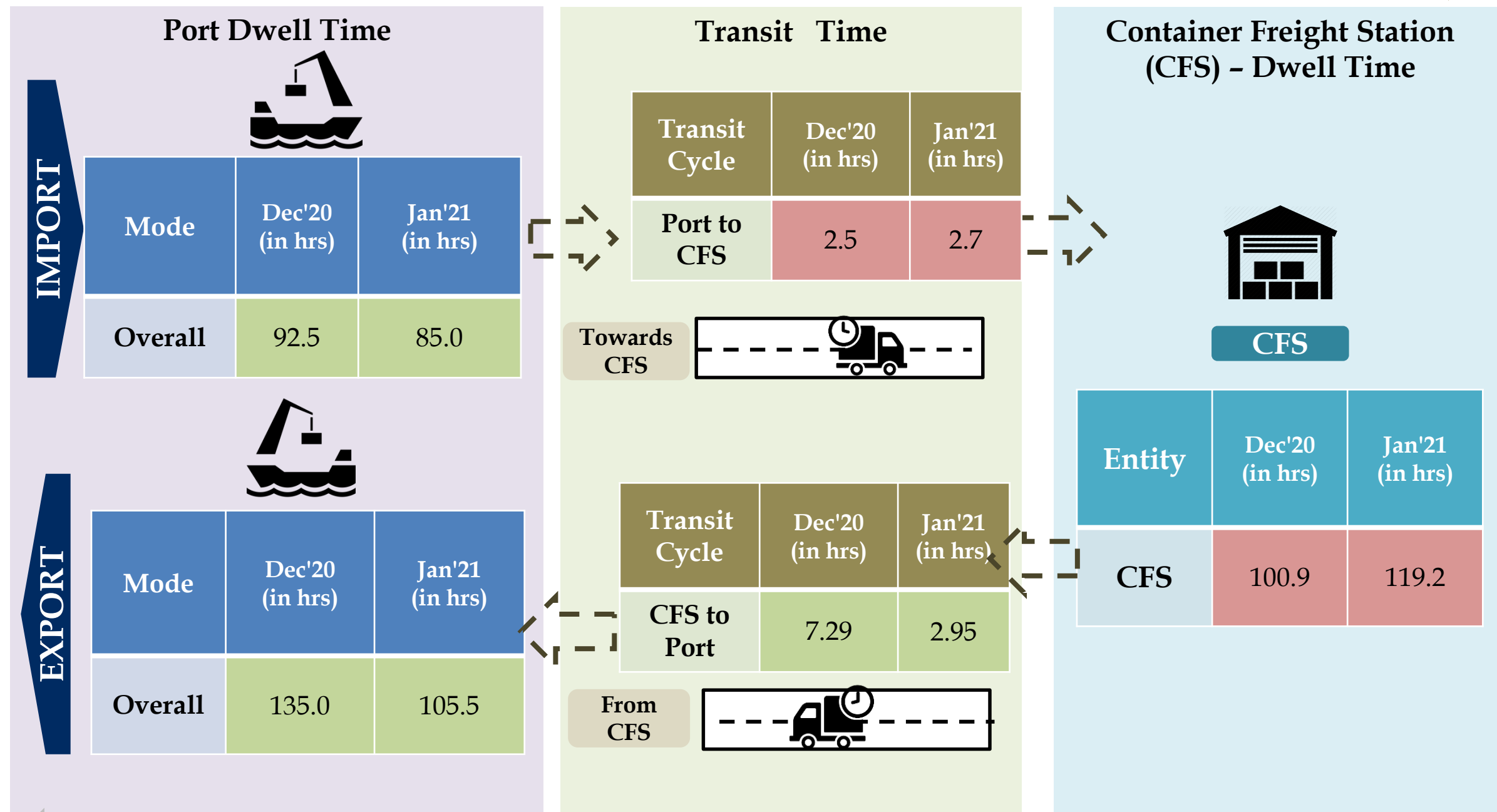
The marked entries showcase the increase in performance as compared to Dec'20

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

Container Lifecycle (Export Cycle)

Kattupalli Port Terminal: Container Transportation

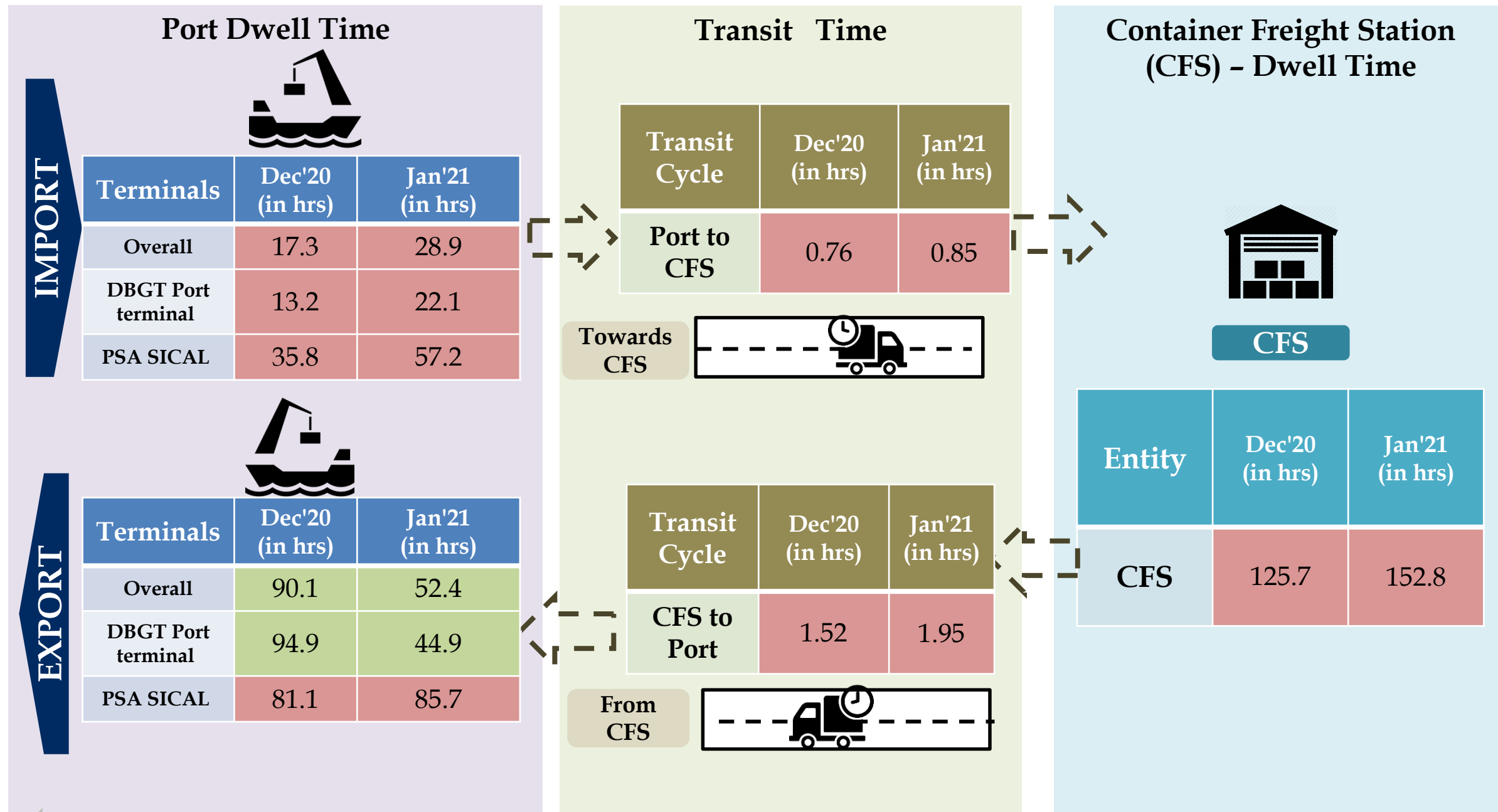
Container Lifecycle (Import Cycle)



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	Dec'20 (in hrs)	Jan'21 (in hrs)
Overall	61.3	73.2



Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
Overall	83.0	61.9

Container Freight Station (CFS) - Dwell Time



CFS

Entity	Dec'20 (in hrs)	Jan'21 (in hrs)
CFS	132.4	119.1

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

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

Cargo Dwell Time



Port

Port Cargo Dwell time	Dec'20 (in hrs)	Jan'21 (in hrs)
Import	61.8	72.5
Export	76.3	52.9

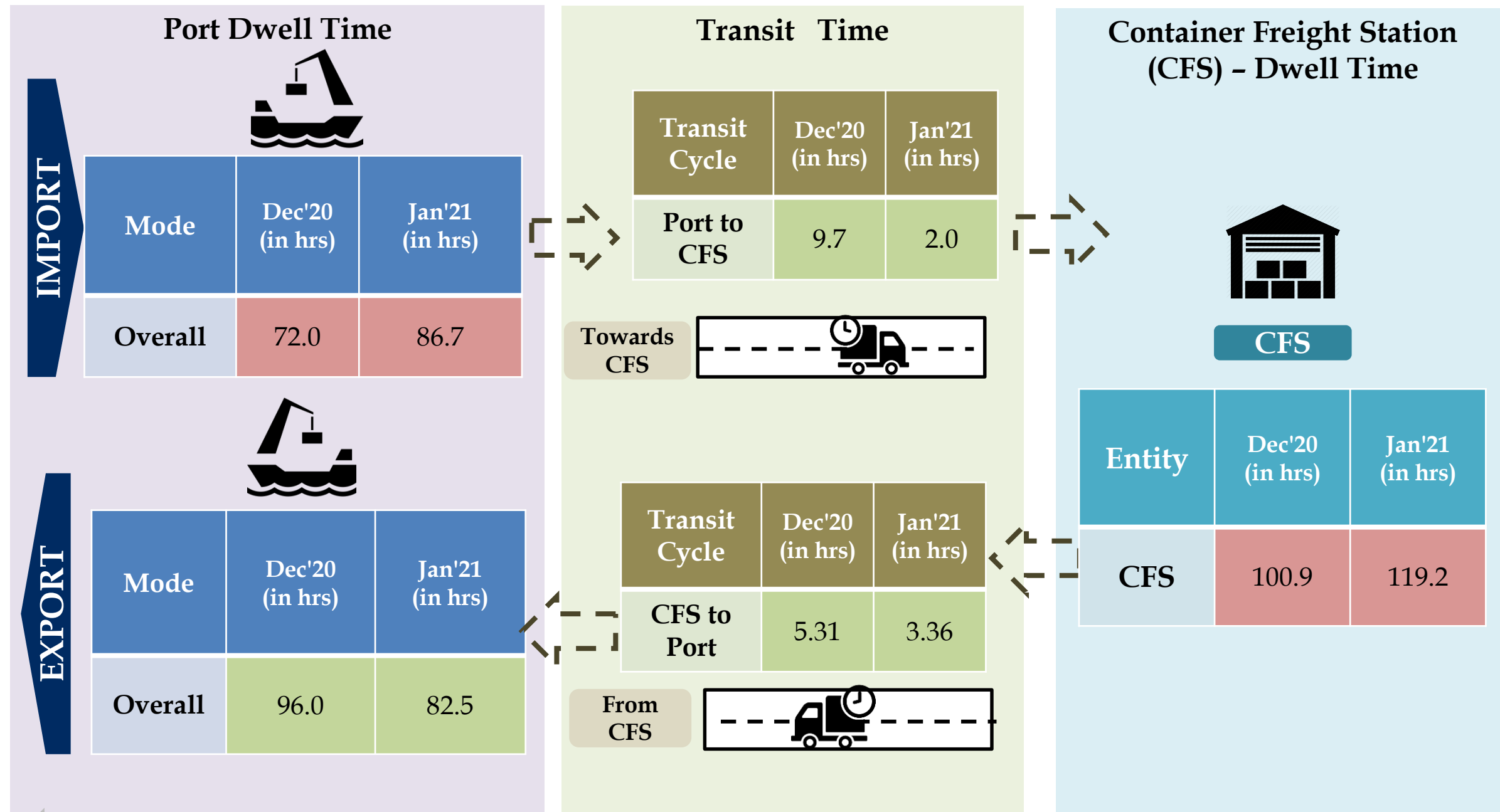
Cargo Clearance time is calculated on the basis of Container In Time and Cargo out time for Import Cycle whereas for Export Cycle it is been calculated on the basis of Cargo In time and Container Out time

Container Lifecycle (Export Cycle)

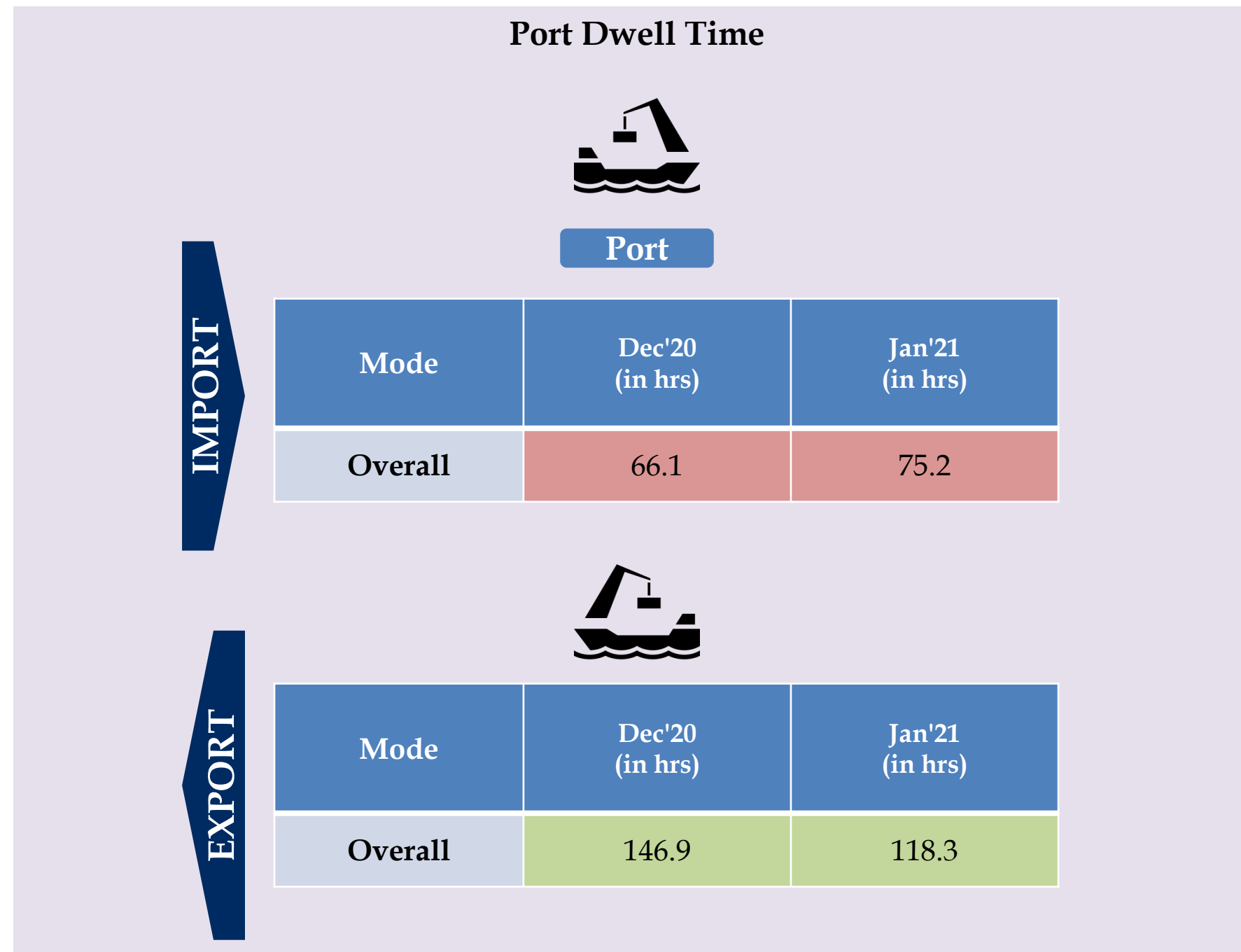
★ Port dwell time reflects the time container has spent in the vicinity which is calculated on the basis of Port out time and Port in Time of container

Ennore Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

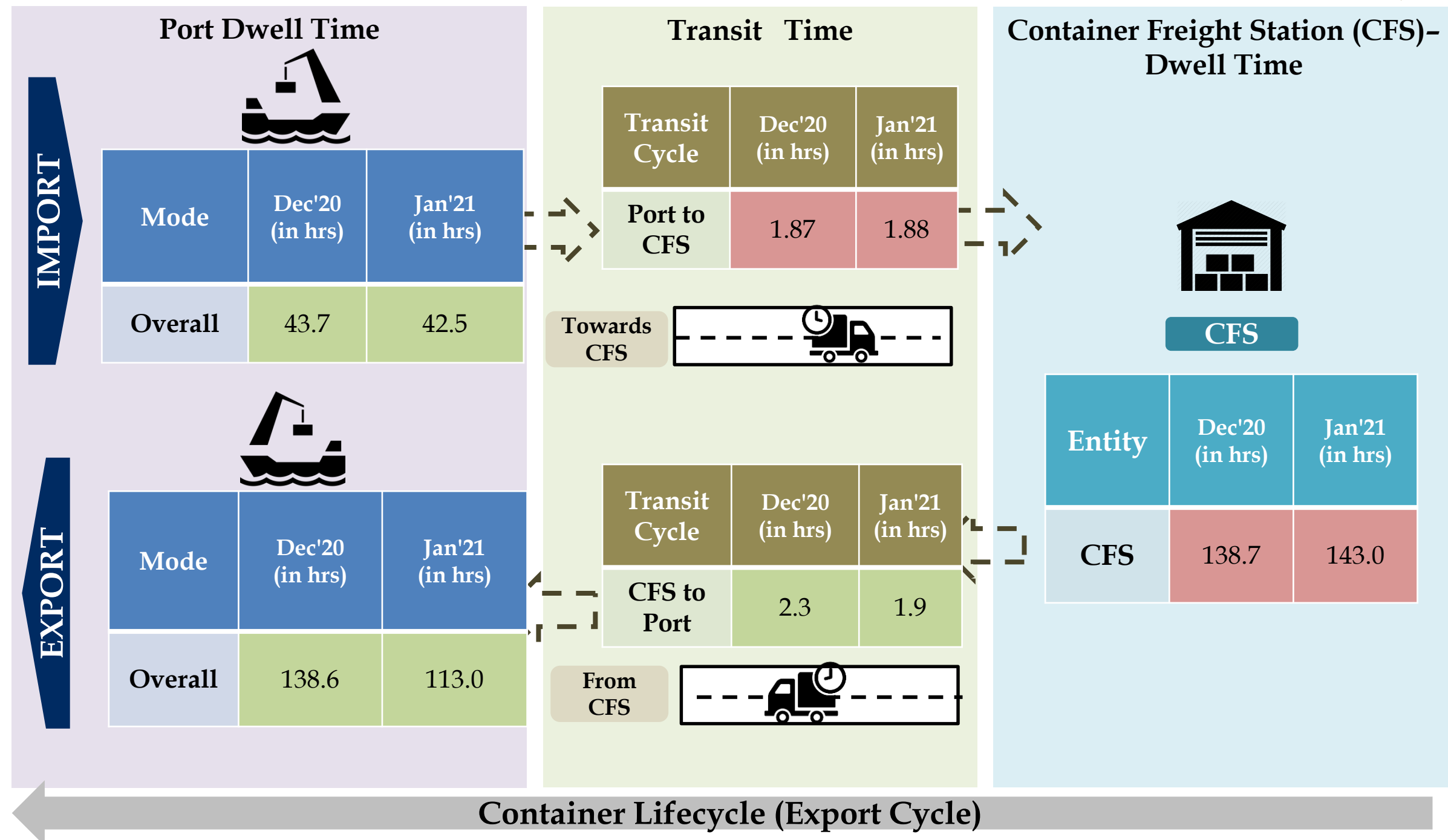


- The marked entries showcase the increase in performance as compared to Dec'20
- The marked entries showcase the decrease in performance as compared to Dec'20

Individual Terminal Performance In Eastern Corridor

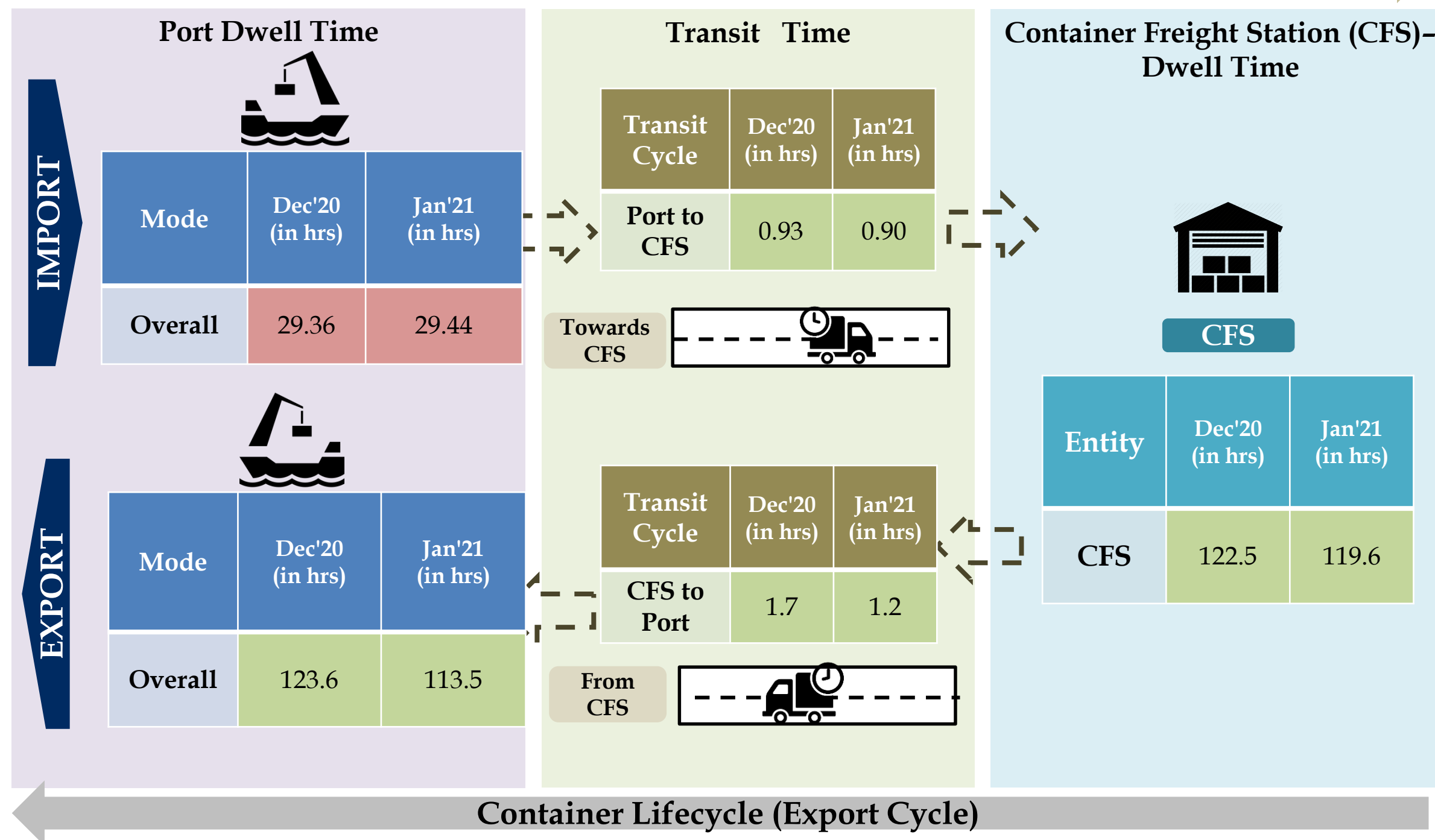
Vishakhapatnam Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



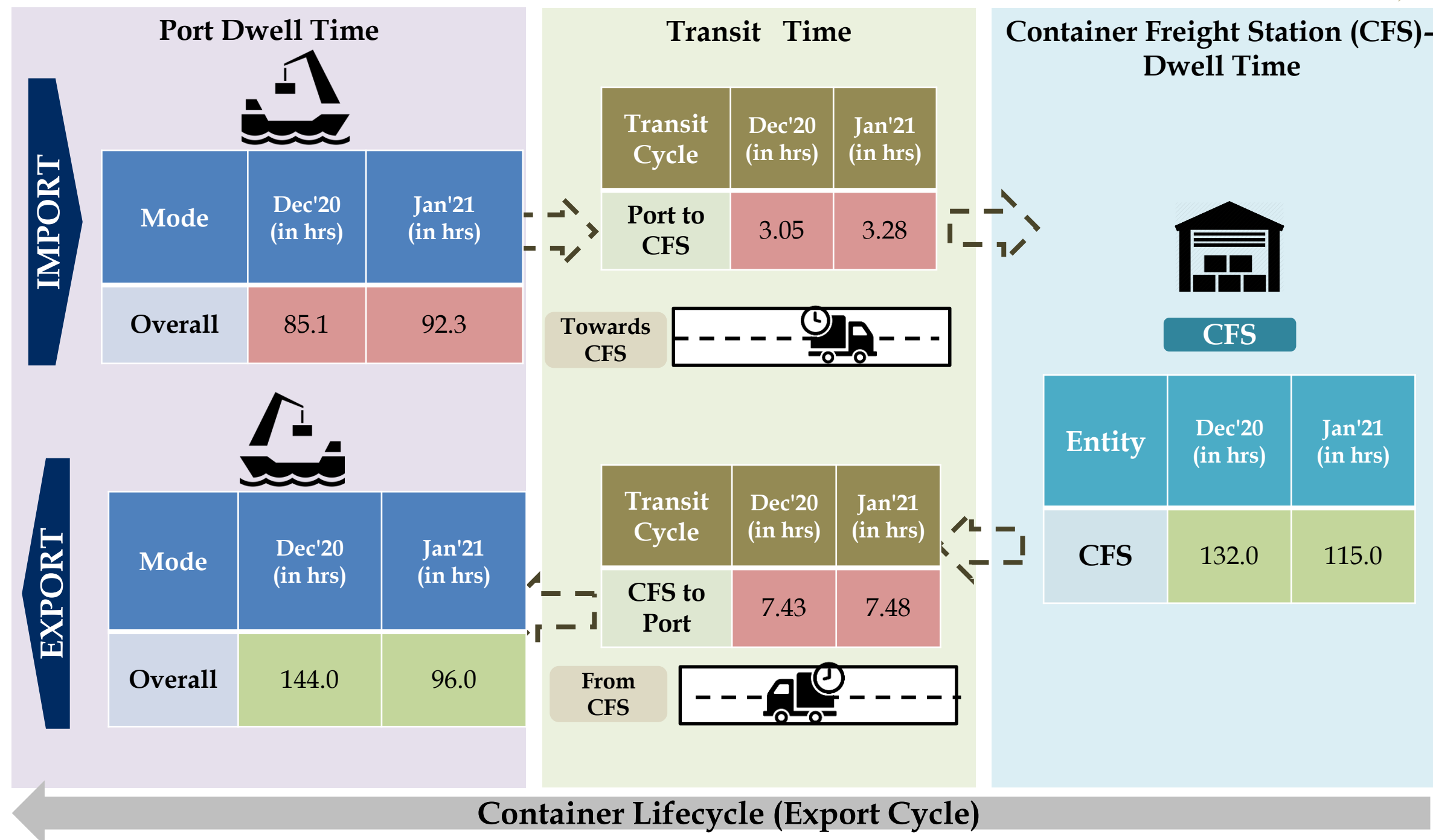
Kolkata Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)

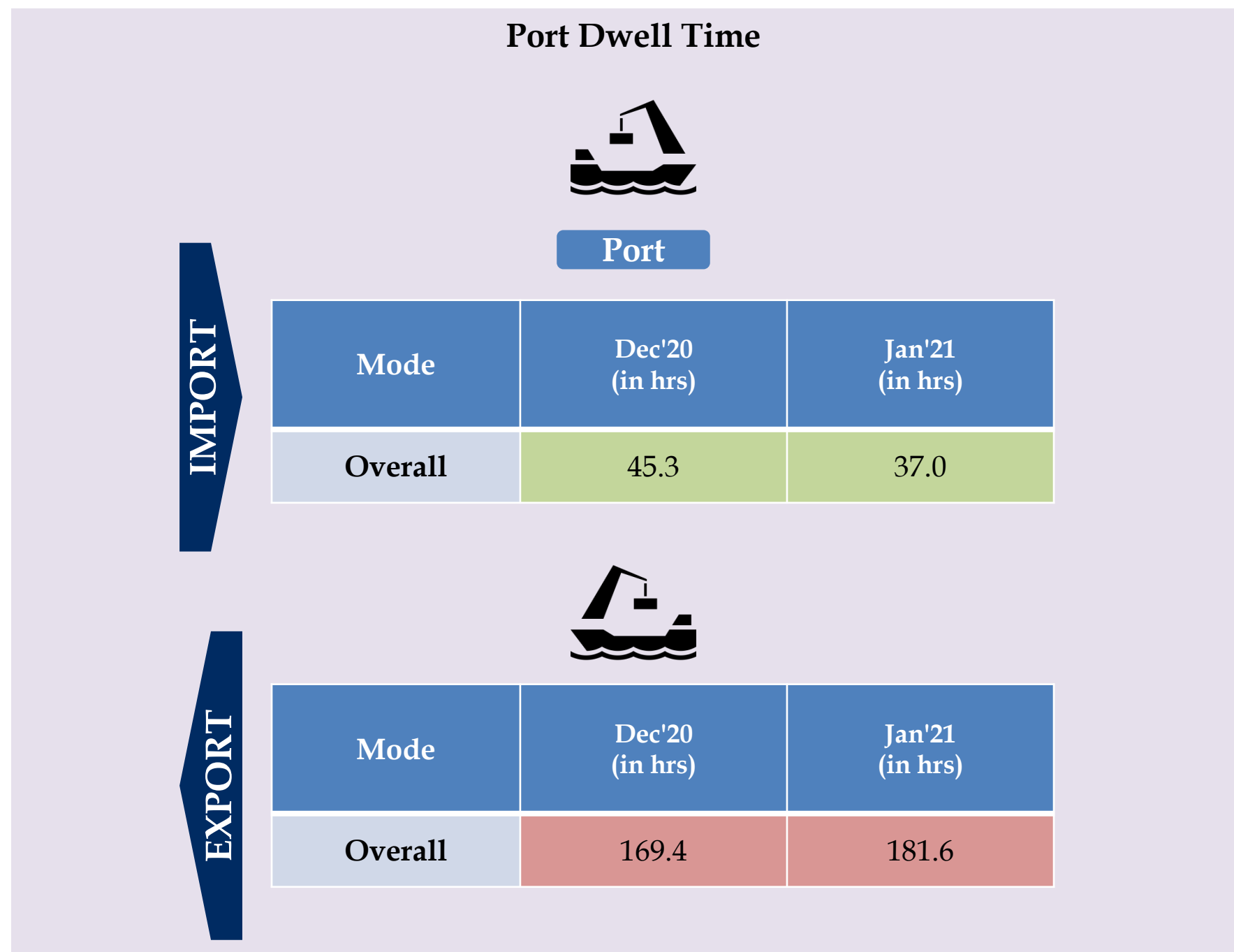



Haldia Port Terminal: Container Transportation


Container Lifecycle (Import Cycle)



Individual Terminal Performance In Western Corridor








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

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

Container Transportation- JNPT Port Terminals

Container Lifecycle (Import Cycle)

IMPORT	Port Dwell Time		
			
	Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
	Overall	20.8	22.9
	Truck	17.9	19.6
	Train	47.2	52.7
EXPORT			
	Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
	Overall	76.6	76.8
	Truck	78.3	76.5
	Train	61.6	79.5

Transit Time			
			
Towards ICD	Station		
Transit Cycle	Dec'20 (in hrs)	Jan'21 (in hrs)	
Port to ICD	66.6	60.8	
Port to CFS	2.5	2.46	
Towards CFS			
From ICD	Station		
Transit Cycle	Dec'20 (in hrs)	Jan'21 (in hrs)	
ICD to Port	57.4	61.2	
CFS to Port	2.6	3.3	
From CFS			

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



Entity	Dec'20 (in hrs)	Jan'21 (in hrs)
CFS	84.2	90.6
ICD	127.5	127.8

Volume distribution at port terminal - Truck/Rail



	Truck	Rail
Import	94%	6%
Export	74%	26%

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

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

Container Lifecycle (Export Cycle)

Container Transportation- JNPT Port Terminals

%IMPORT CYCLE DWELL TIME (Jan'21 – in hrs)			Compared to Dec'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	22.9	10% ↓
	Port Dwell Time for Truck Bound Containers	19.6	9% ↓
	Port Dwell time for Train Bound Containers	52.7	12% ↓
	Port Dwell time Direct Port Delivery (DPD) containers	38.4	11% ↓
	Port Dwell time Containers bound for CFS	17.8	4% ↓
	Port Dwell for Empty Containers	24.8	15% ↓
	Port Dwell for Laden Containers	22.5	9% ↓
TRANSIT TIME	Port to ICD	60.8	9% ↑
	Port to CFS	2.46	2% ↑

EXPORT CYCLE DWELL TIME (Jan'21– in hrs)			Compared to Dec'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	76.8	0.3% ↓
	Port Dwell Time for Truck Bound Containers	76.5	2% ↑
	Port Dwell time for Train Bound Containers	79.5	29% ↓
	Port Dwell time Direct Port Entry (DPE) containers	80.8	2% ↑
	Port Dwell time Containers bound from CFS	74.3	0.3% ↓
	Port Dwell for Empty Containers	70.6	11% ↑
	Port Dwell for Laden Containers	79.1	3% ↓
TRANSIT TIME	ICD to Port	61.2	7% ↓
	CFS to Port	3.3	29% ↓

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

JNPT Region: Parking Plaza Dwell Time Analysis

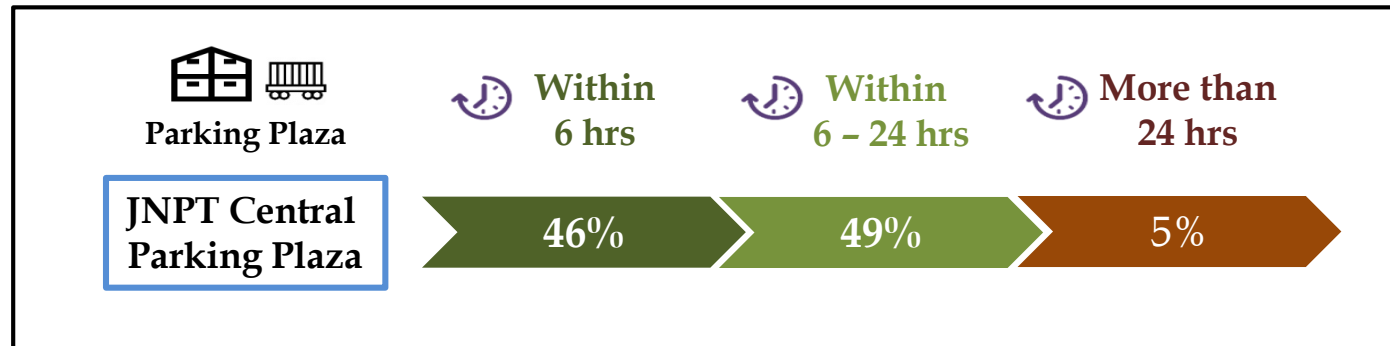
The below table depicts the Parking Plaza & Parking Plaza to Port Transit Performance at JNPT Port Terminals and their volume bifurcation in export cycle



Parking Plaza Gate In – Gate Out

Mode	Dec'20 (in hrs)	Jan'21
Overall Parking Plaza	1.6	6.4

Container Handled: Day wise (Jan'21)

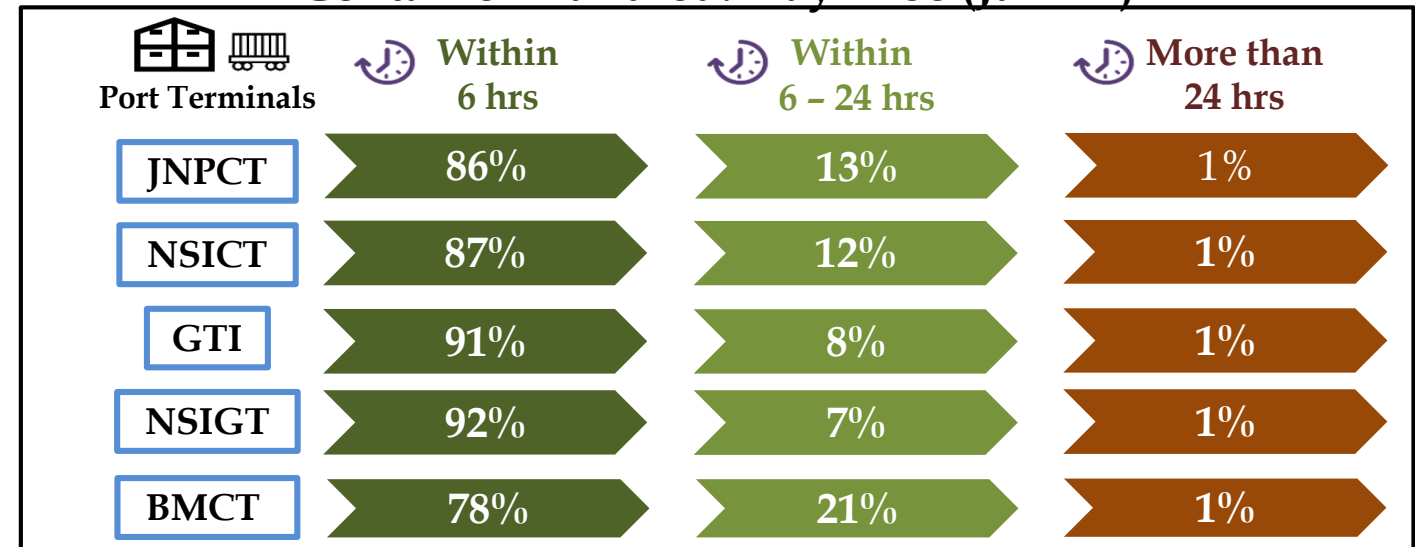


Parking Plaza Gate Out – Terminal In



Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
Overall Parking Plaza to JNPT Port	1.4	2.1



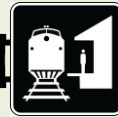

Port	Dec'20 (in hrs)	Jan'21 (in hrs)
JNPCT	1.6	2.0
NSICT	1.1	2.3
GTI	1.1	1.1
NSIGT	1.2	1.7
BMCT	5.3	3.9



Container Handled: Day wise (Jan'21)






Container Lifecycle (Import Cycle)


IMPORT	Port Dwell Time		
			
	Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
	Overall	32.1	25.5
	Truck	30.4	23.6
EXPORT			
	Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
	Overall	121.8	134.3
	Truck	121.5	132.2
	Train	122.8	141.7

Transit Time			
Towards ICD 			
	Station		
Transit Cycle	Dec'20 (in hrs)	Jan'21 (in hrs)	
Port to ICD	60.9	75.2	
Port to CFS	1.23	1.07	
Towards CFS 			
From ICD 			
	Station		
Transit Cycle	Dec'20 (in hrs)	Jan'21 (in hrs)	
ICD to Port	66.7	78.9	
CFS to Port	1.41	1.12	
From CFS 			

Container Freight Stations(CFS)/Inland Container Depots(ICD)		
		
ICD	CFS	
Entity	Dec'20 (in hrs)	Jan'21 (in hrs)
CFS	91.8	93.4
ICD	127.5	127.8

Volume distribution at port terminal - Truck/Rail		
		
	Truck	Rail
Import	94%	6%
Export	74%	26%

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

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

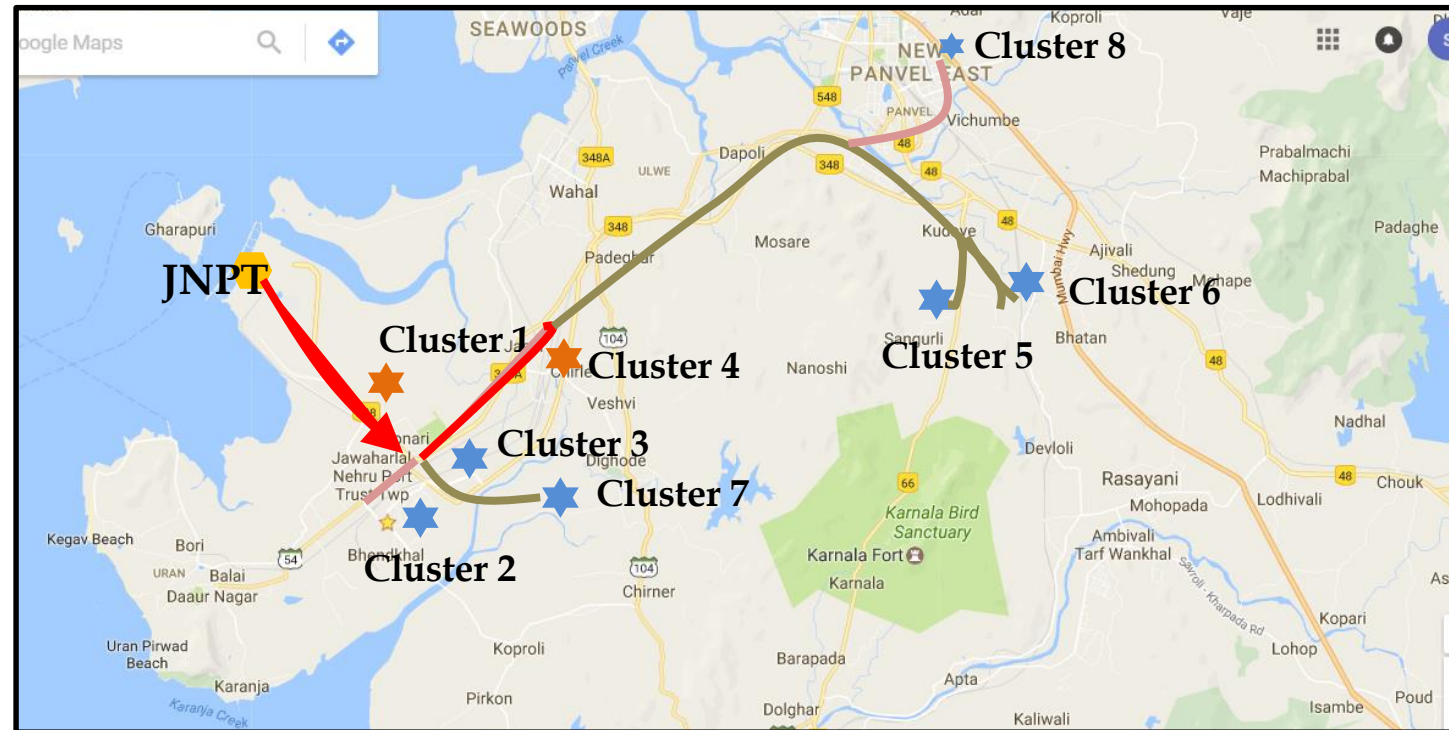
Container Lifecycle (Export Cycle)

IMPORT CYCLE DWELL TIME (Jan'21- in hrs)			Compared to Dec'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	25.5	21% ↑
	Port Dwell Time for Truck Bound Containers	23.6	22% ↑
	Port Dwell time for Train Bound Containers	148.3	19% ↓
TRANSIT TIME	Port to ICD	75.2	23% ↓
	Port to CFS	1.07	13% ↑

EXPORT CYCLE DWELL TIME (Jan'21- in hrs)			Compared to Dec'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	134.3	10% ↓
	Port Dwell Time for Truck Bound Containers	132.2	9% ↓
	Port Dwell time for Train Bound Containers	141.7	15% ↓
TRANSIT TIME	ICD to Port	78.9	18% ↓
	CFS to Port	1.1	22% ↑

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

JNPT - Import - Jan'21



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

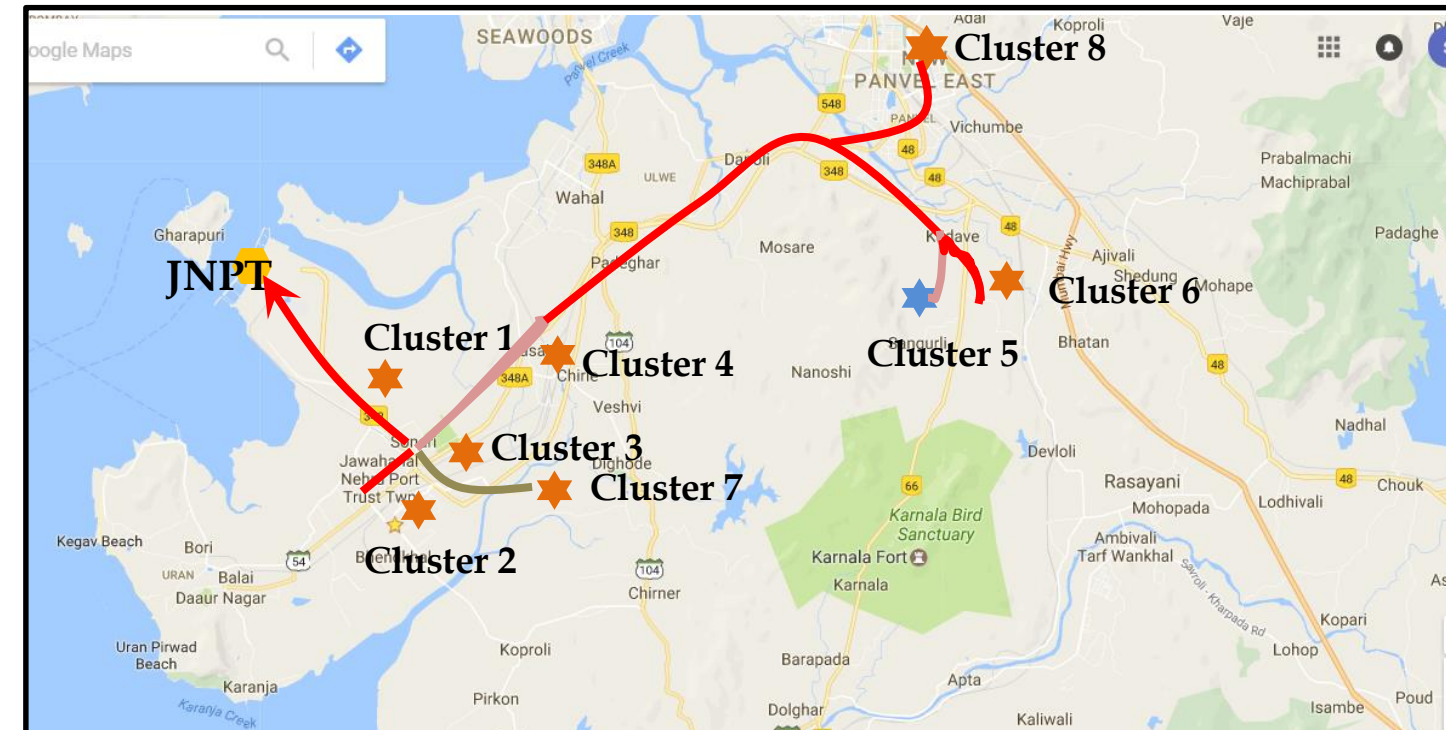
Clusters with bottleneck

CLUSTER 1	JNPT Area
CLUSTER 8	Taloja, Navi Mumbai

Clusters without bottleneck

CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area, JNPT road
CLUSTER 4	Chirle area, JNPT road
CLUSTER 5	Plaspa area, Coach kanyakumari Highway
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road

JNPT - Export - Jan'21



Clusters with bottleneck

CLUSTER 1	JNPT Area
CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area, JNPT road
CLUSTER 4	Chirle area, JNPT road
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road
CLUSTER 8	Taloja, Navi Mumbai

Clusters without bottleneck

CLUSTER 5	Plaspa area, Coach kanyakumari Highway
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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

Import Cycle

Mode	ICP Raxaul	ICP Jogbani
Overall	93.6 hrs	155.2 hrs
Road	139.0 hrs	155.2 hrs
Rail	72.3 hrs	-



Export Cycle

Kolkata Port Terminal

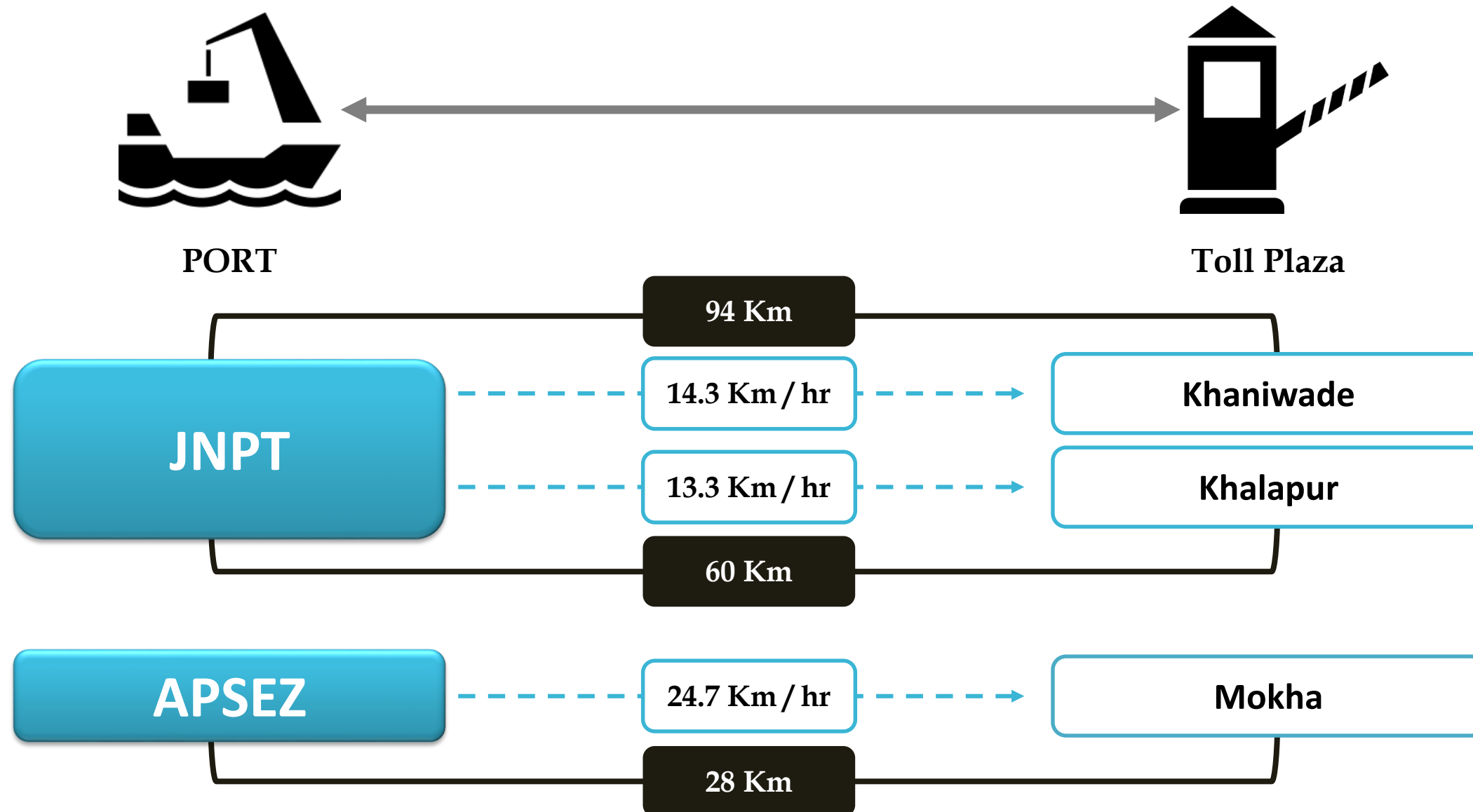
Mode	ICP Raxaul	ICP Jogbani
Overall	698.5 hrs	408.1 hrs
Road	327.2 hrs	408.1 hrs
Rail	757.0 hrs	-

Haldia Port Terminal

Mode	ICP Raxaul	ICP Jogbani
Overall	710.0 hrs	638.4 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)		
				Nov'20	Dec'20	Jan'21
Western	Hazira	Boriach	77	10.3	7.9	13.5
Eastern	KOPT(Kolkata)	Dankuni	24	2.9	2.7	2.6
	HICT(Haldia)	Debra	100	4.9	7.2	6.2
		Jaladhulagori	101	7.4	7.1	8.5
Southern	Kochi	Kumbalam	13	6.2	2.1	2.8
		GIPL Palayekara	71	8.3	8.7	8.9
	NMPT (New Manglore)	Brahamarakotlu	25	9.2	12.0	8.9
		Talapady	22.5	1.2	1.3	1.3
		Gundmi	68	5.7	6.8	5.9
	Tuticron	VoCPT CheckPost1	4.3	12.3	13.7	13.0

***Disclaimer :** Due to RFID interference issue, the LDB readers are switched off by the Toll Plaza Operators. Hence, there is no container data recorded during the month of January 2021 at Surapattu Toll Plaza and Nallur Toll Plaza

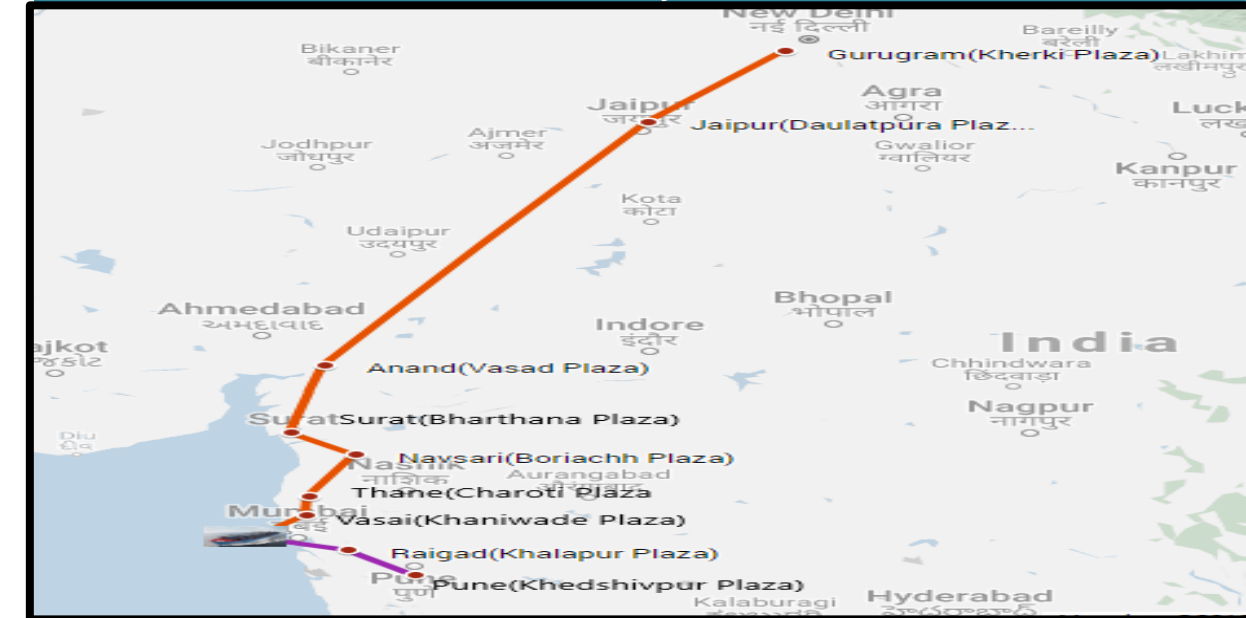
The analysis is based on the container travelling direct from port to toll, i.e. defined by the containers travelling from port to corresponding toll plaza with 2 days

Western Corridor Toll Plaza Analysis

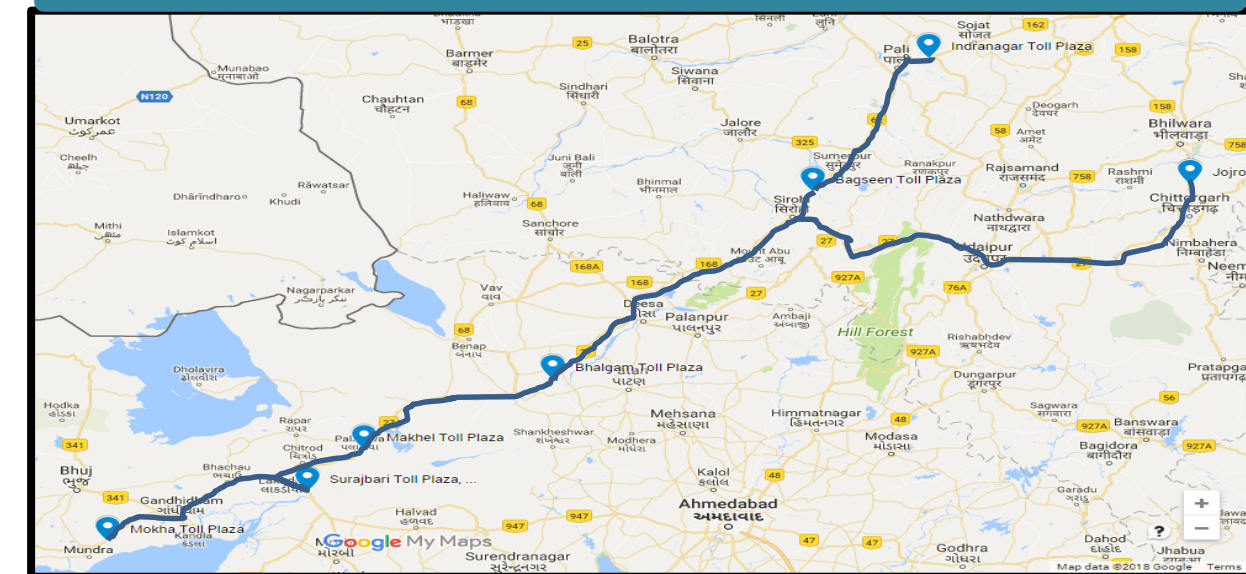
Avg. Speed between Toll to Toll Plazas

	Source	Destination Toll Plaza	Inter Distance (Km)	Dec'20 (in km/hrs)	Jan'21 (in km/hrs)
JNPT	JNPT	Khaniwade	94	13.8	14.3
	JNPT	Khalapur	60	12.5	13.3
	Khaniwade	Charoti	50	37.2	36.8
	Charoti	Boriach	126	27.5	29.4
	Boriach	Bharthan	142	31.9	32.1
	Bharthan	Vasad	60	38.8	39.3
	Khalapur	Khedshivpur	105	32.3	35.3
	Daulatpura	Kherki	199	23.0	8.8
APSEZ	APSEZ	Mokha	28	24.55	24.7
	Mokha	Makhel	150	22.4	23.0
	Mokha	Surajbari	115	26.2	26.5
	Makhel	Bhalgam	108	36.6	36.2

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

List of CFS name used in CFS Performance Index

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

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

List of CFS name used in Eastern CFS Performance Index

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



THANK YOU