

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

Gujarat Region

Import	Export
22.1 hrs	133.8 hrs

Mumbai Region

Import	Export
23.1 hrs	77.2 hrs

Kochi Region

Import	Export
42.4 hrs	97.2 hrs

Tuticorin Region

Import	Export
22.9 hrs	57.3 hrs

Kolkata Region

Import	Export
37.3 hrs	109.0 hrs

Vishakhapatnam Region

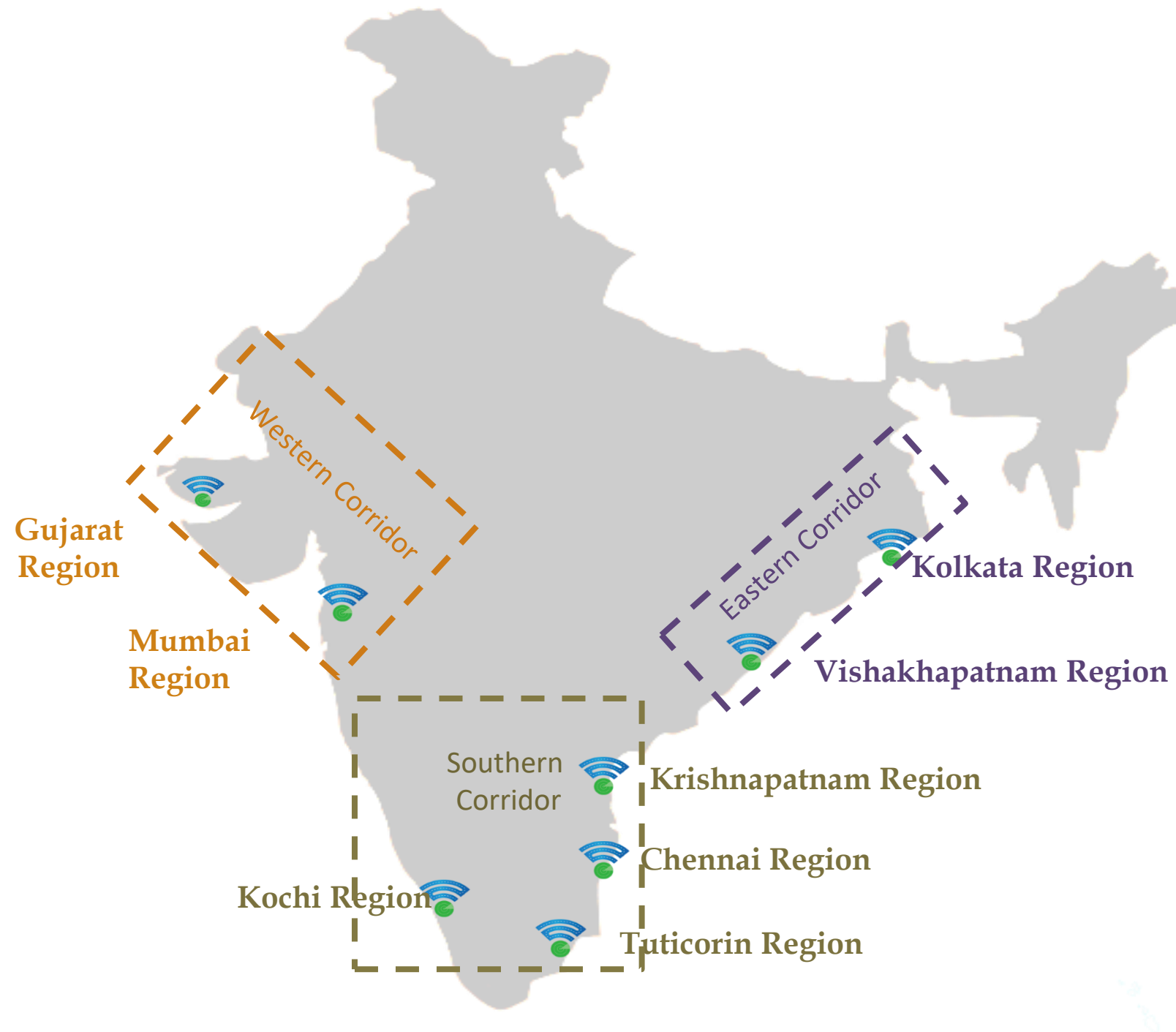
Import	Export
44.4 hrs	114.8 hrs

Krishnapatnam Region

Import	Export
38.5 hrs	82.1 hrs

Chennai Region

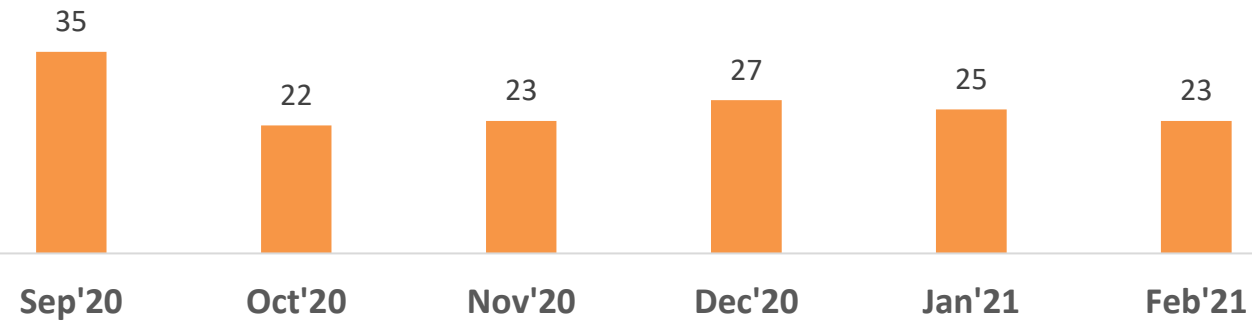
Import	Export
60.9 hrs	94.9 hrs



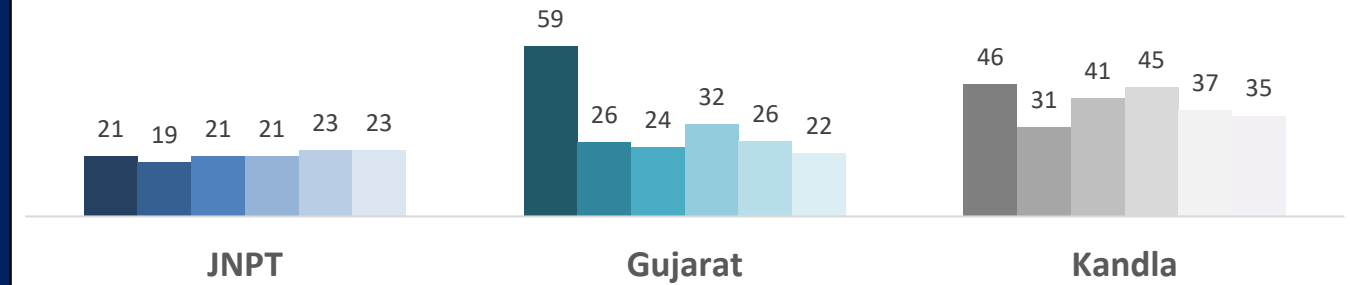
Port Dwell Time Performance – Western Corridor (Import Cycle)

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

Western Corridor

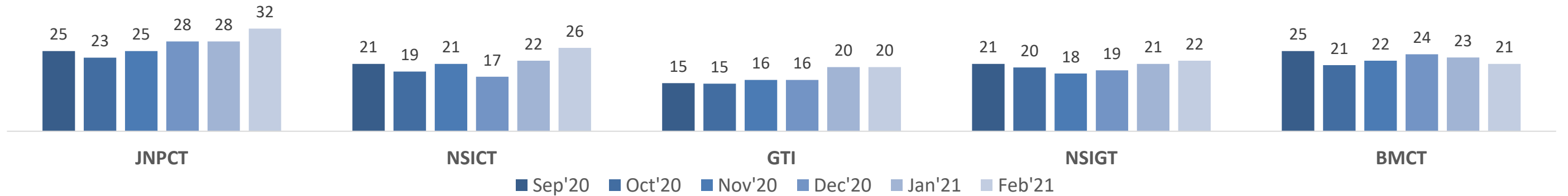


Port - Wise

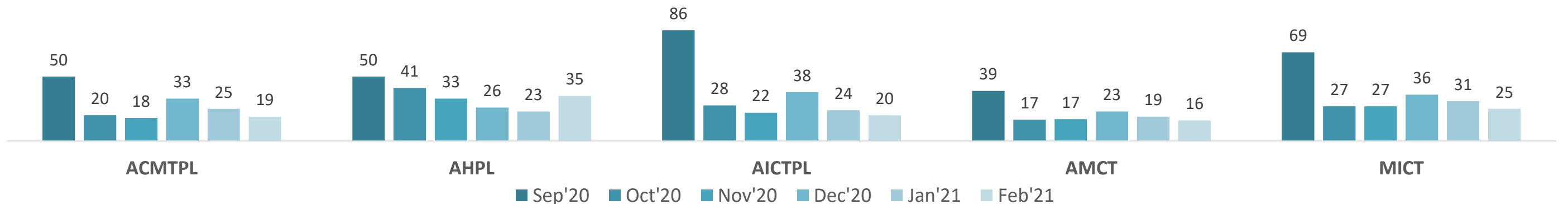


Above chart depicts the Ports performance for the duration of last six months

JNPT - Terminal



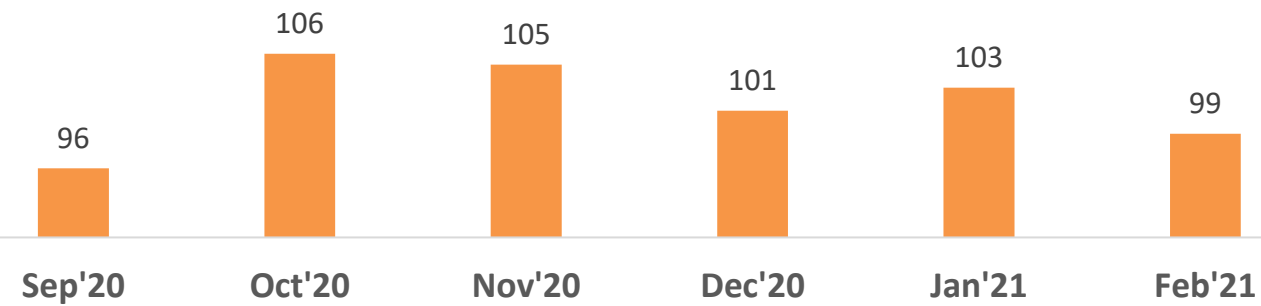
Gujarat - Terminal



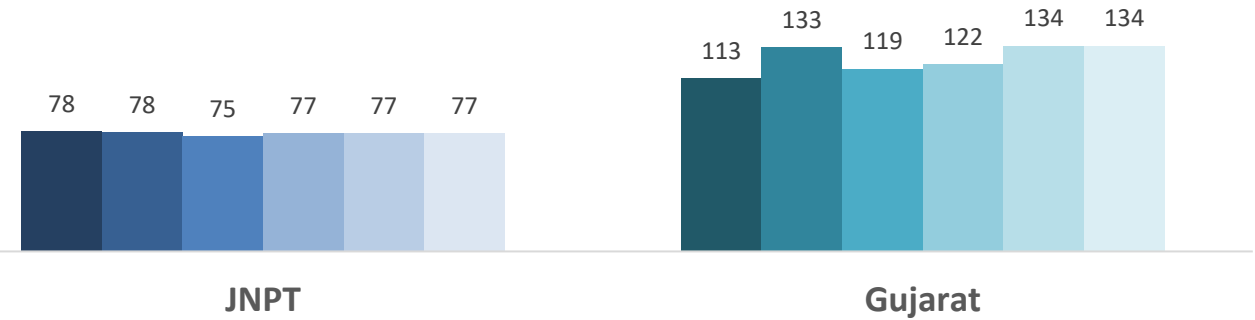
Port Dwell Time Performance – Western Corridor (Export Cycle)

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

Western Corridor

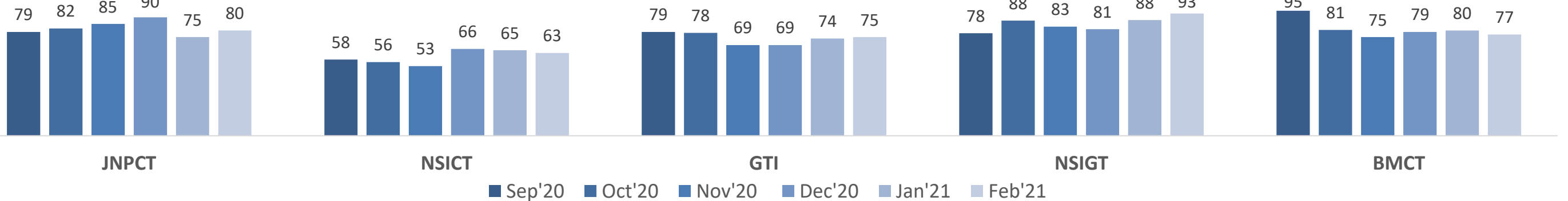


Port - Wise

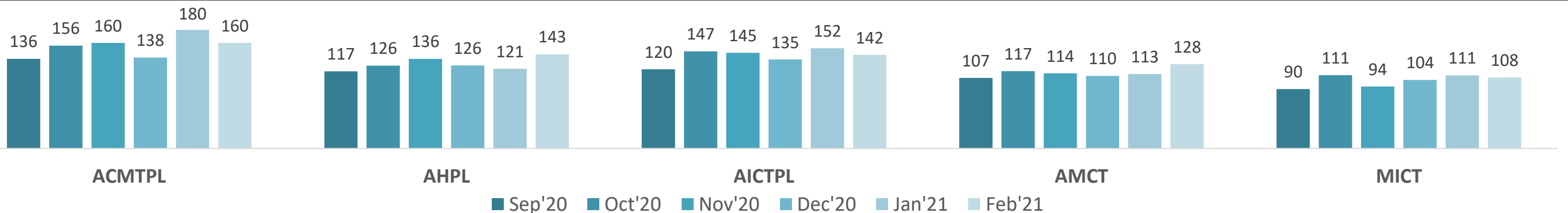


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JNPT - Terminal



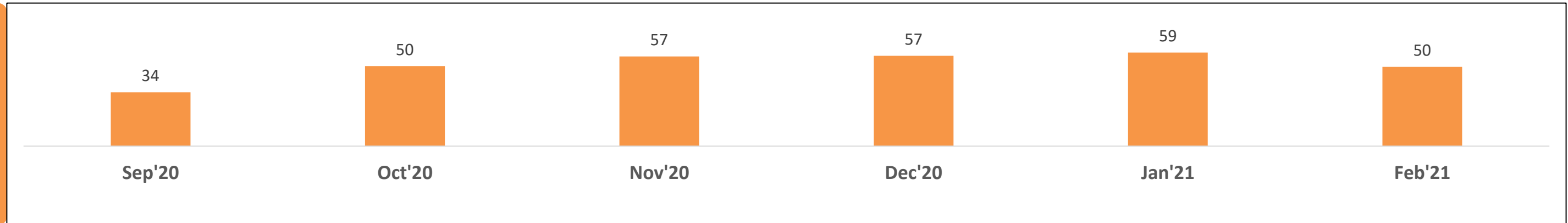
Gujarat - Terminal



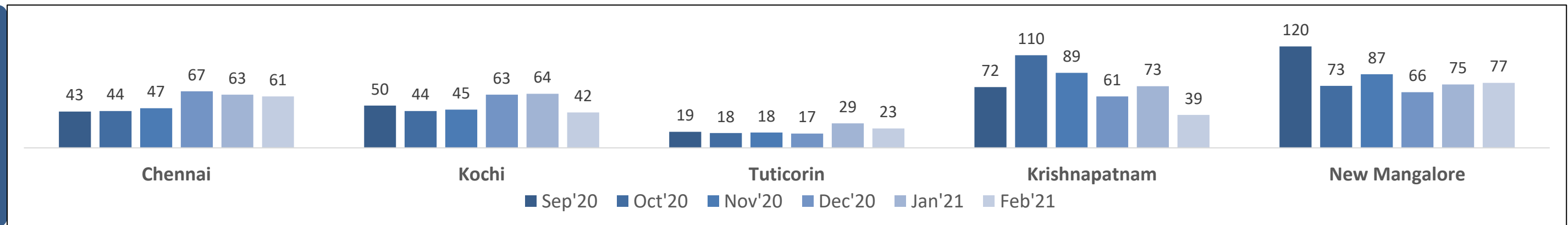
Port Dwell Time Performance – Southern Corridor (Import Cycle)

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

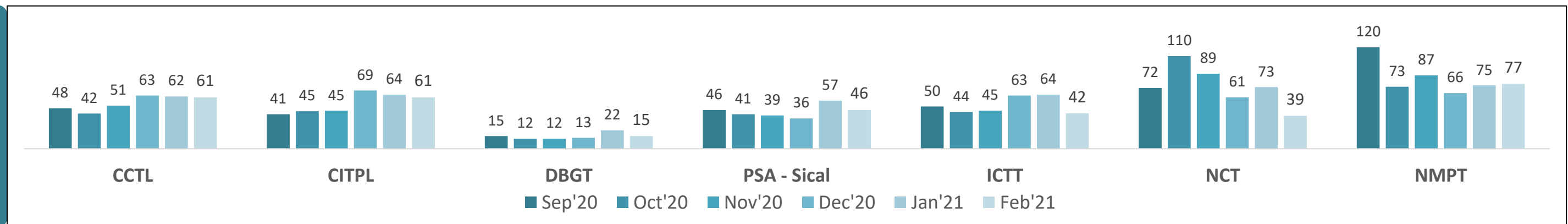
Southern Corridor



Port - Wise



Terminal - Wise



Port Dwell Time Performance – Southern Corridor (Export Cycle)

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

Southern Corridor

57
Sep'20

93
Oct'20

113
Nov'20

115
Dec'20

87
Jan'21

82
Feb'21

Port - Wise

99 103 104 120 94 95
Chennai

111 89 112 141 108 97
Kochi

89 79 112 90 52 57
Tuticorin

77 77 73 83 62 82
Krishnapatnam

■ Sep'20 ■ Oct'20 ■ Nov'20 ■ Dec'20 ■ Jan'21 ■ Feb'21

Terminal - Wise

108 124 110 165 102 97
CCTL

94 91 101 106 86 94
CITPL

100 84 165 95 45 50
DBGT

62 64 71 81 86 74
PSA - Sical

110 89 112 141 108 97
ICTT

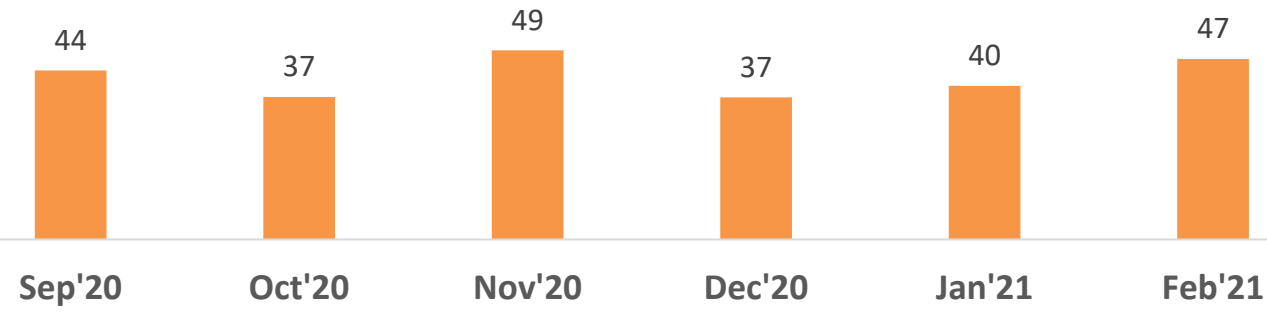
77 77 73 83 62 82
NCT

■ Sep'20 ■ Oct'20 ■ Nov'20 ■ Dec'20 ■ Jan'21 ■ Feb'21

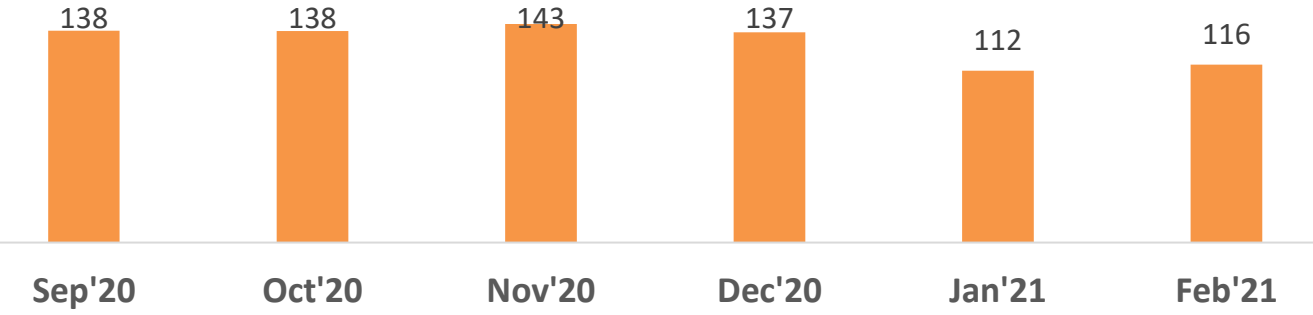
Port Dwell Time Performance – Eastern Corridor

Import Cycle (in hrs)

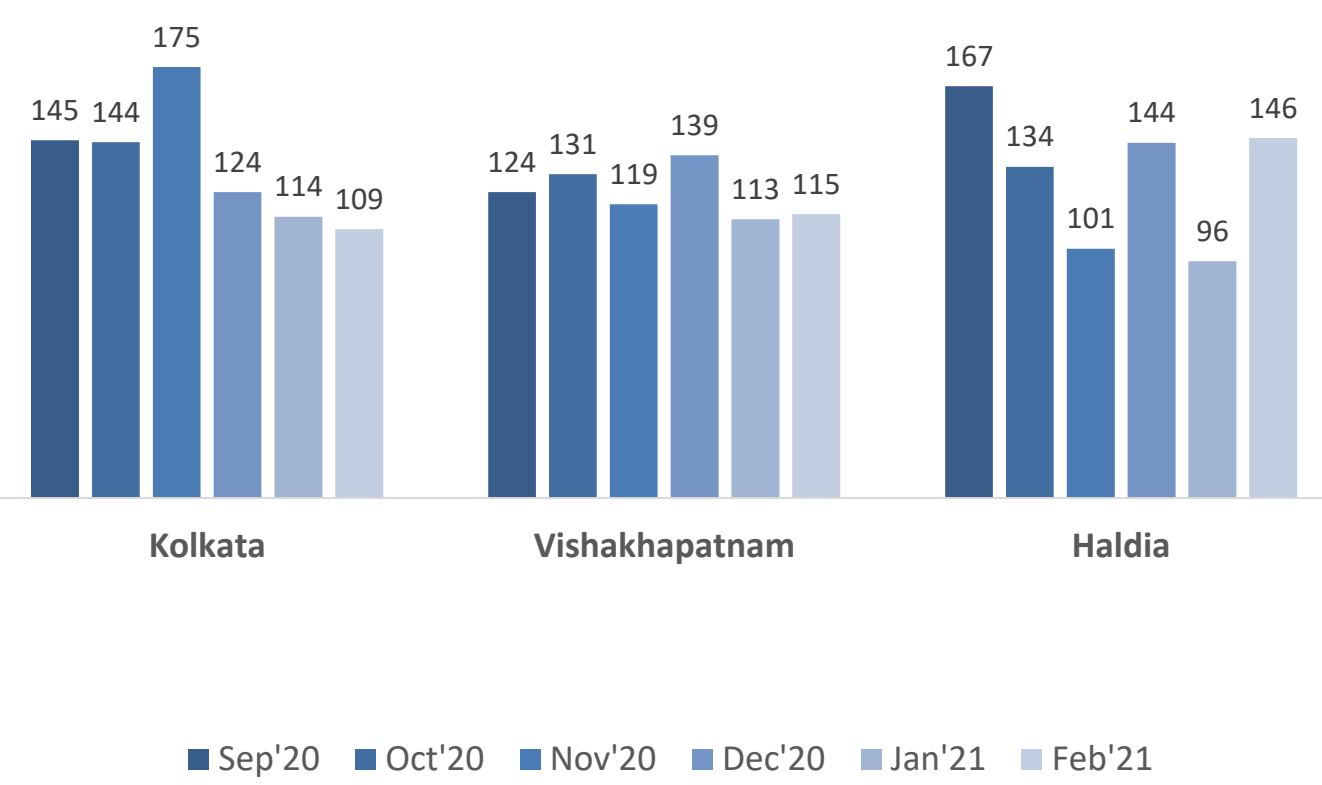
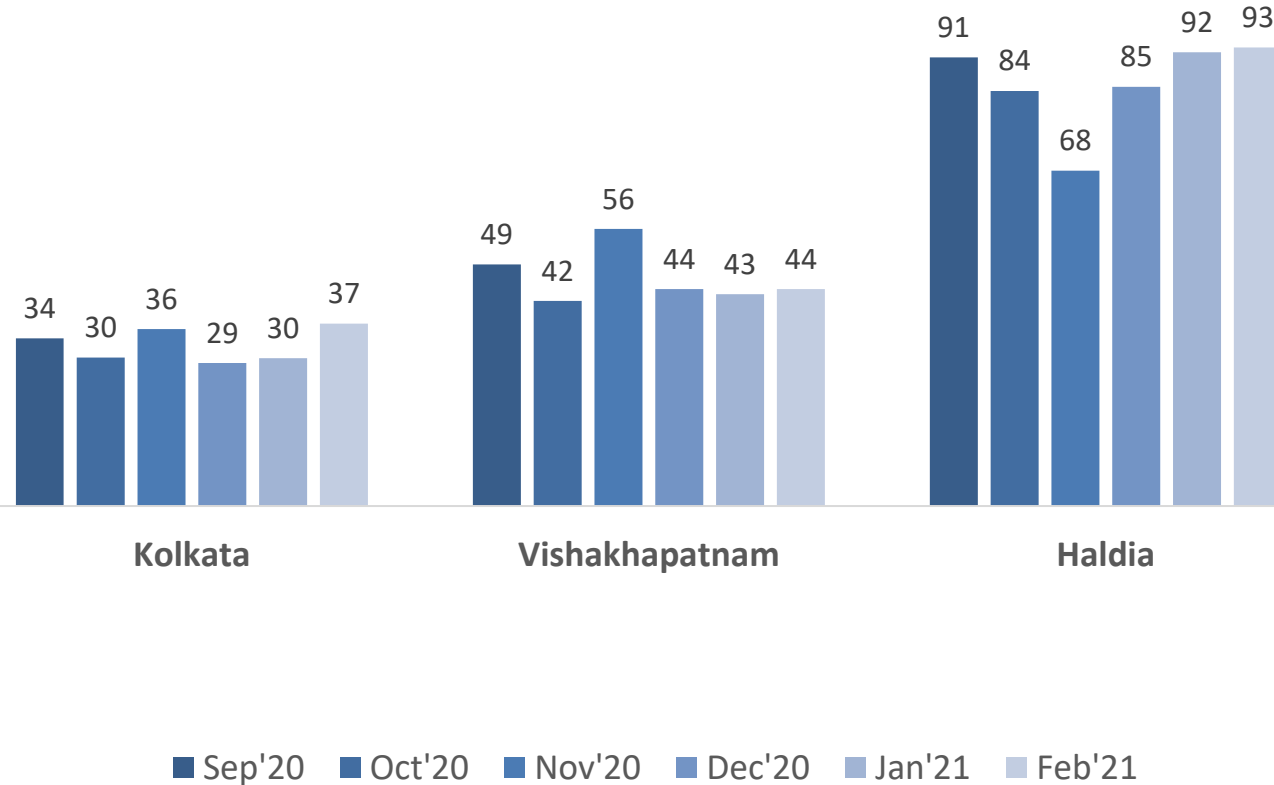
Eastern Corridor



Export Cycle (in hrs)







Port - Wise



Western Corridor

- The Overall container handling performance in Western Corridor in import cycle has improved by 5% whereas in export cycle it has deteriorated by 4%
- The container handling performance at CFS has improved by 0.3%. Also, ICD performance has deteriorated by 1.3%.

Month	Import cycle - Dwell Time	Export cycle - Dwell Time	CFS Dwell Time	ICD Dwell Time
Feb'21	23.2 hrs 	99.0 hrs 	91.8 hrs 	129.4 hrs 
Jan'21	24.5 hrs	103.2 hrs	92.1 hrs	127.8 hrs

Southern Corridor

- The Overall container handling performance in Southern Corridor in both Import & Export Cycle has improved by 14% & 2%
- The container handling performance at CFS has improved by 6%

Month	Import cycle - Dwell Time	Export cycle - Dwell Time	CFS Dwell Time
Feb'21	50.5 hrs 	85.1 hrs 	118.5 hrs 
Jan'21	58.6 hrs	86.7 hrs	125.6 hrs

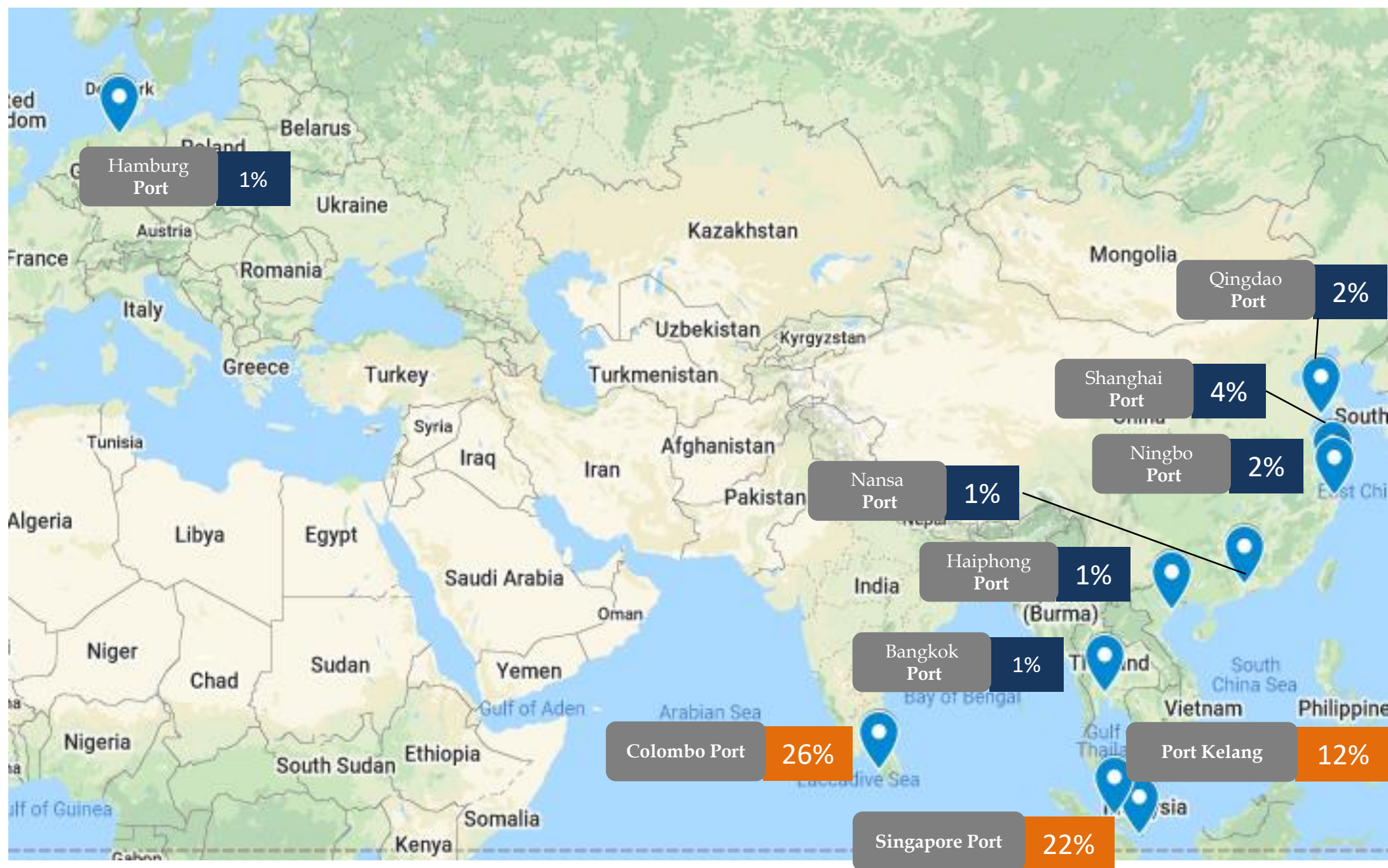
Eastern Corridor

- The Overall container handling performance in Eastern Corridor in both Import & Export Cycle has deteriorated by 16% & 4%
- The container handling performance at CFS has deteriorated by 2%

Month	Import Cycle - Dwell Time	Export Cycle - Dwell Time	CFS Dwell Time
Feb'21	46.5 hrs 	116.3 hrs 	126.4 hrs 
Jan'21	40.1 hrs	111.5 hrs	123.4 hrs

Vessel Heat Map analysis: Export

Below Heat Map depicts the export destinations of containers from India

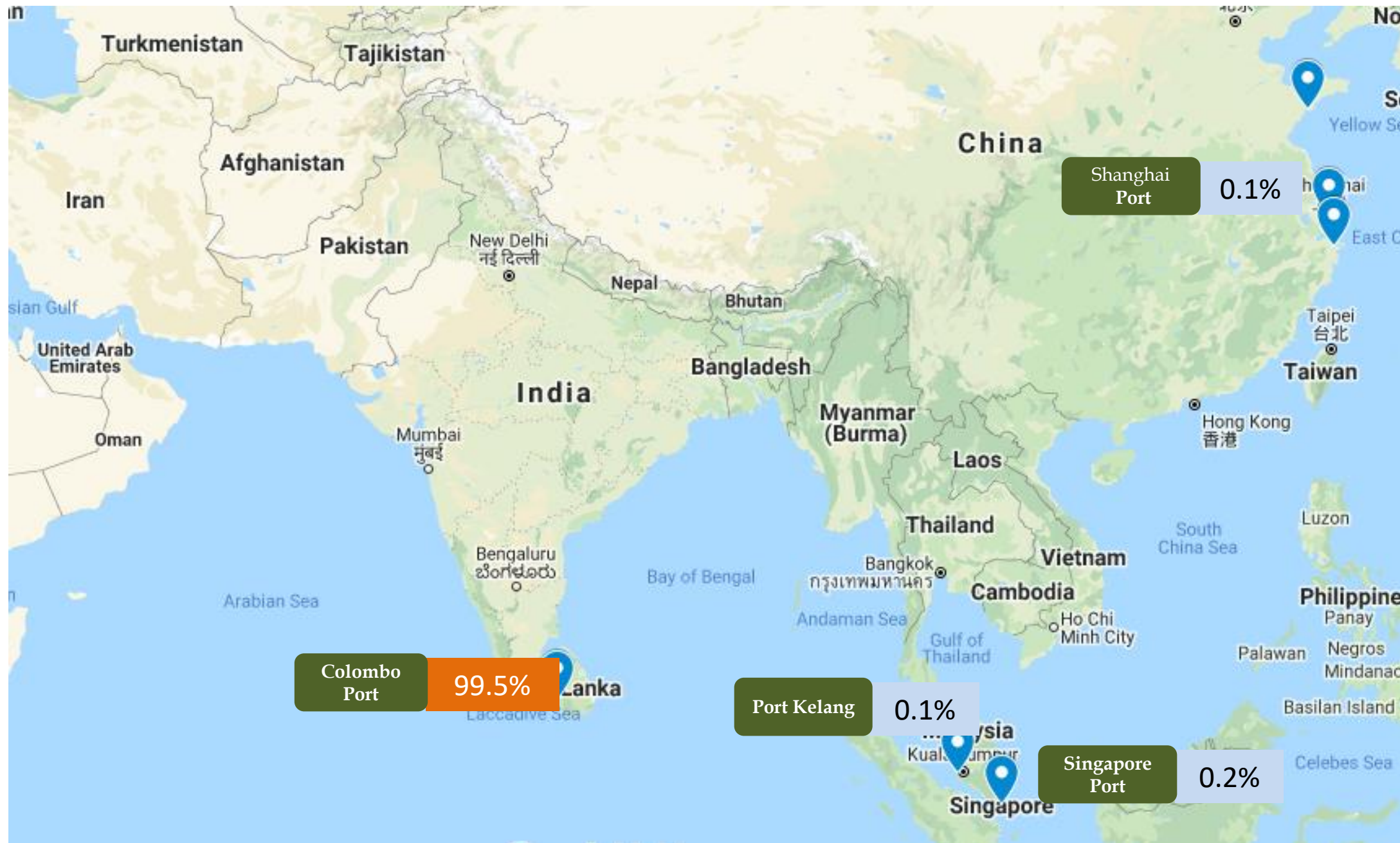


Month of Feb'21	
Export Destination	Traffic (in %)
Singapore Port	22%
Colombo	26%
Shanghai	2%
Port Kelang	12%
Bangkok	1%
Qingdao	2%
Haiphong	1%
Ningbo	2%
Nansha	1%
Hamburg	1%
Others	30%

Port kelang and klang are depicted at common loc

Vessel Heat Map analysis: Import

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

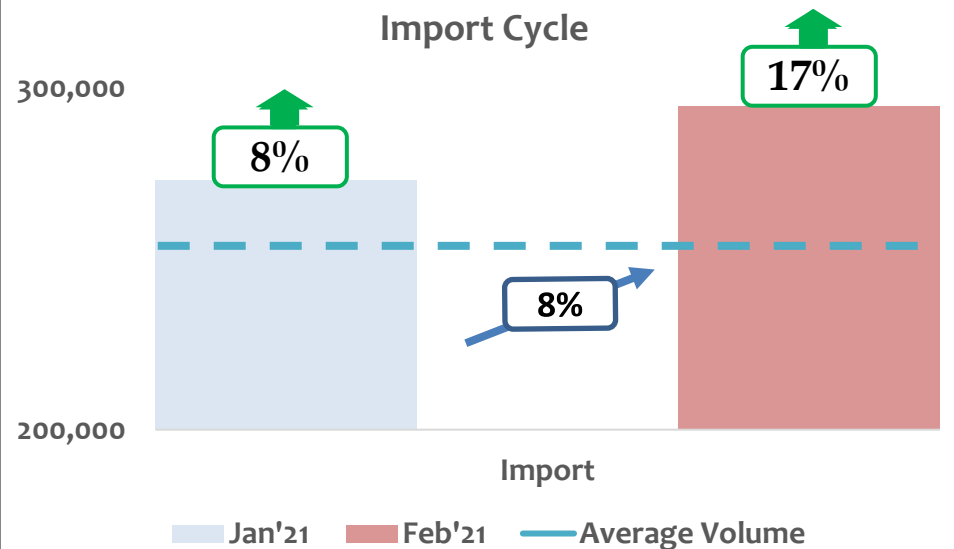


Month of Feb'21	
Import cycle Origin	Volume (in %)
Colombo	99.5%
Port Kelang	0.1%
Singapore Port	0.2%
Shanghai	0.1%
Others	0.1%

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

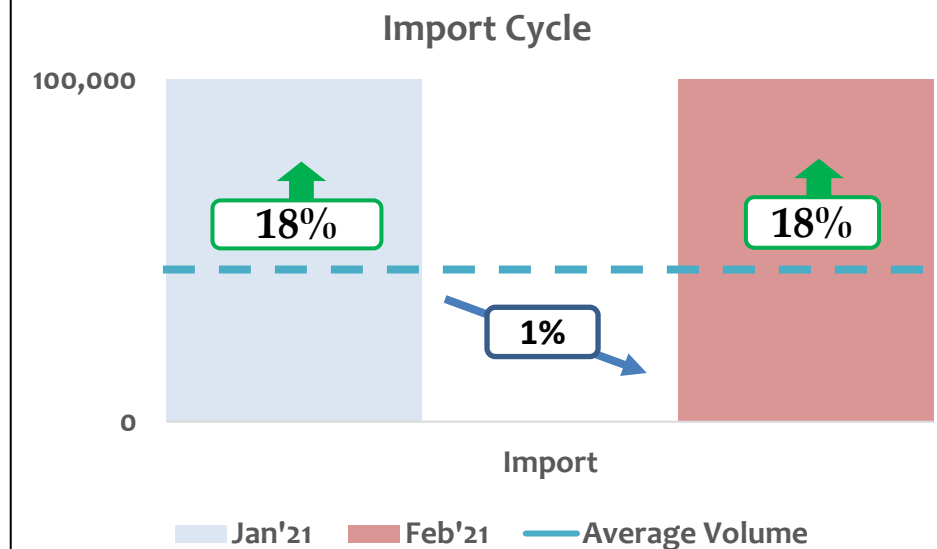
Western Corridor

Import Cycle



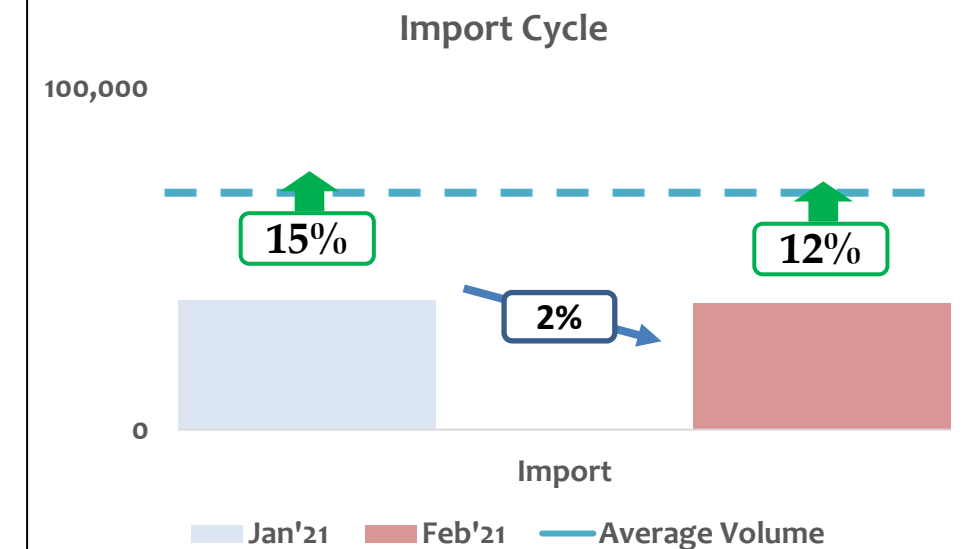
Southern Corridor

Import Cycle

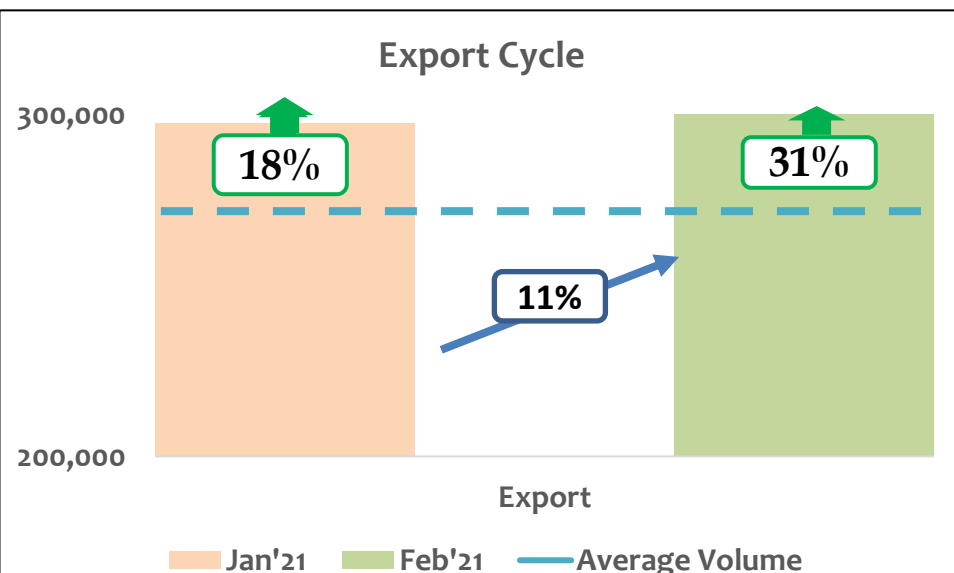


Eastern Corridor

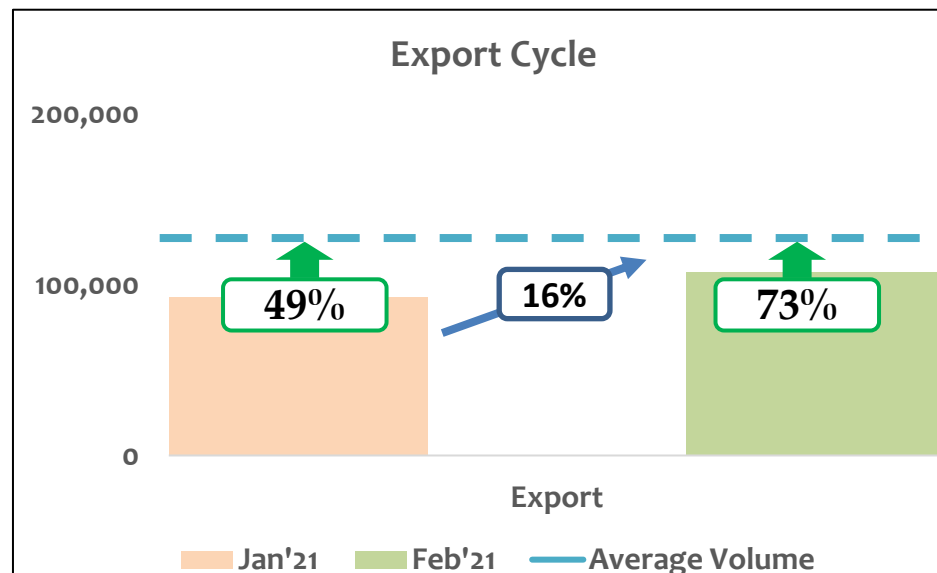
Import Cycle



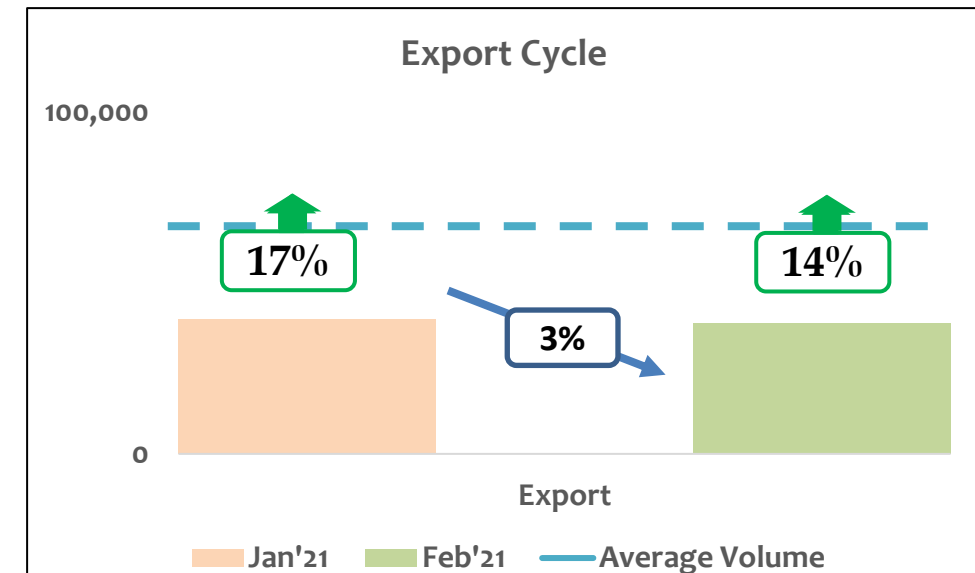
Export Cycle



Export Cycle



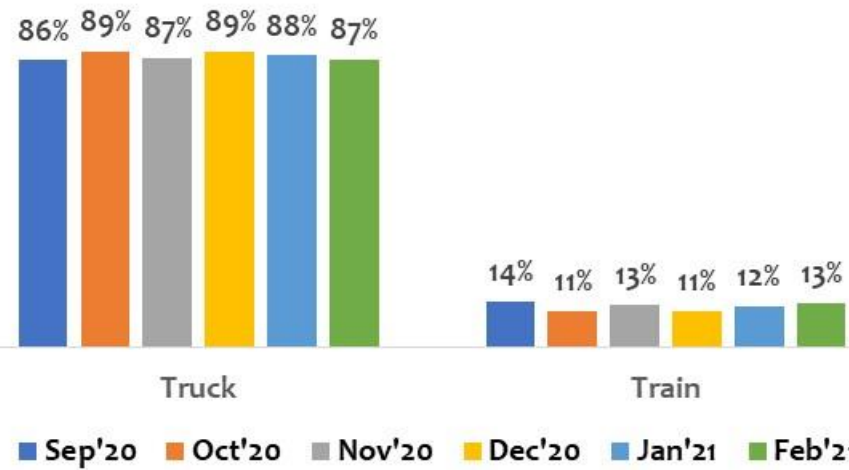
Export Cycle



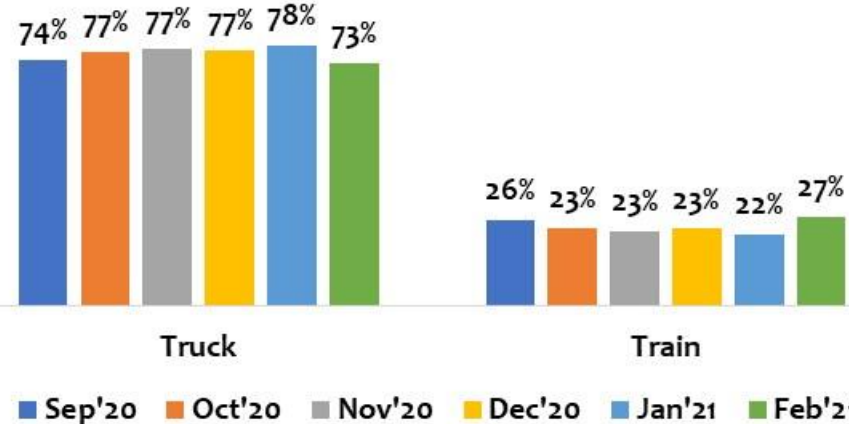
Below table depicts the volume % share of Truck & Train and impact of Covid-19 on the Traffic movements and the difficulty of road movements during the lockdown

Western Corridor

Import Cycle

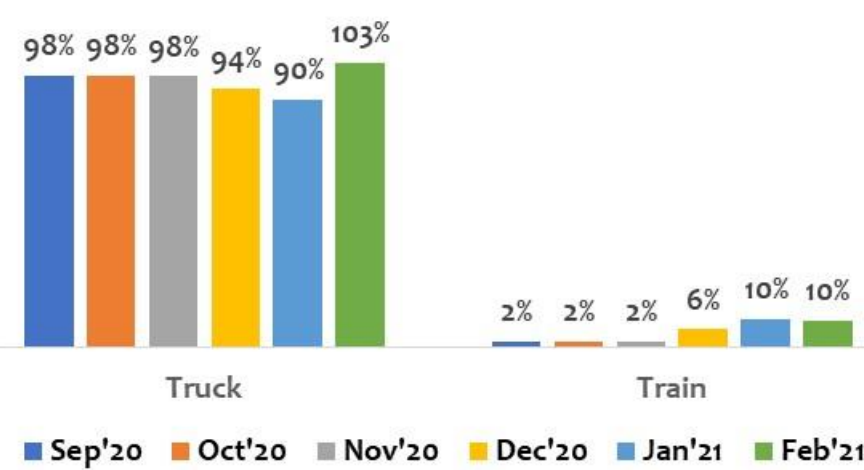


Export Cycle

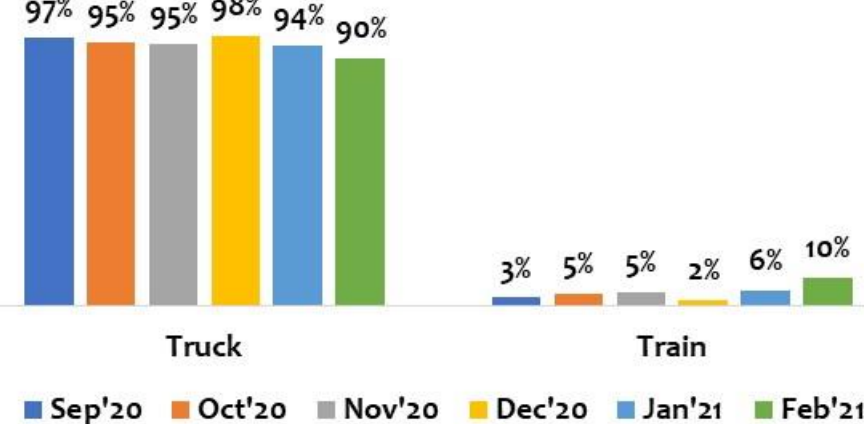


Southern Corridor

Import Cycle

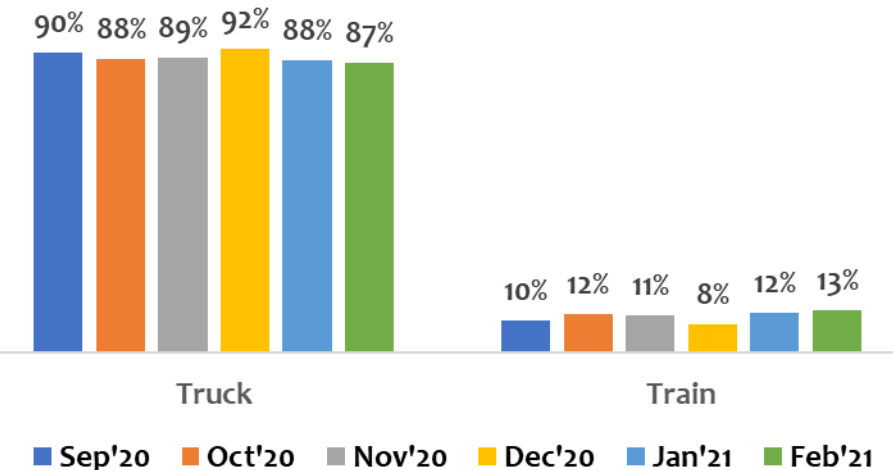


Export Cycle

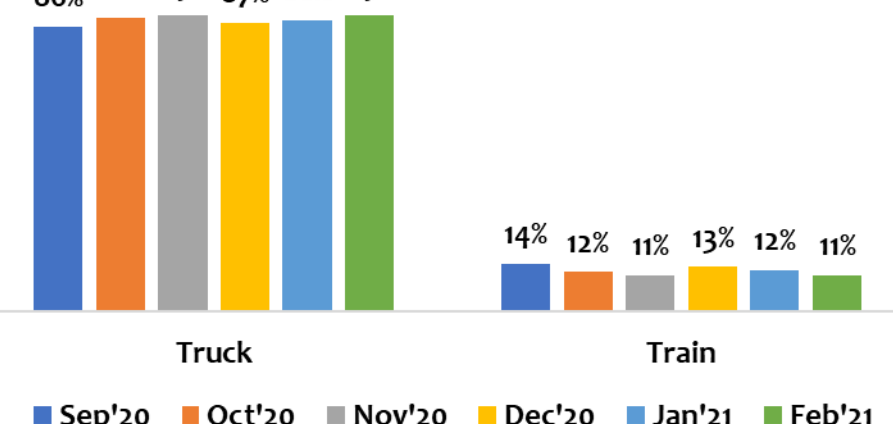


Eastern Corridor

Import Cycle



Export Cycle

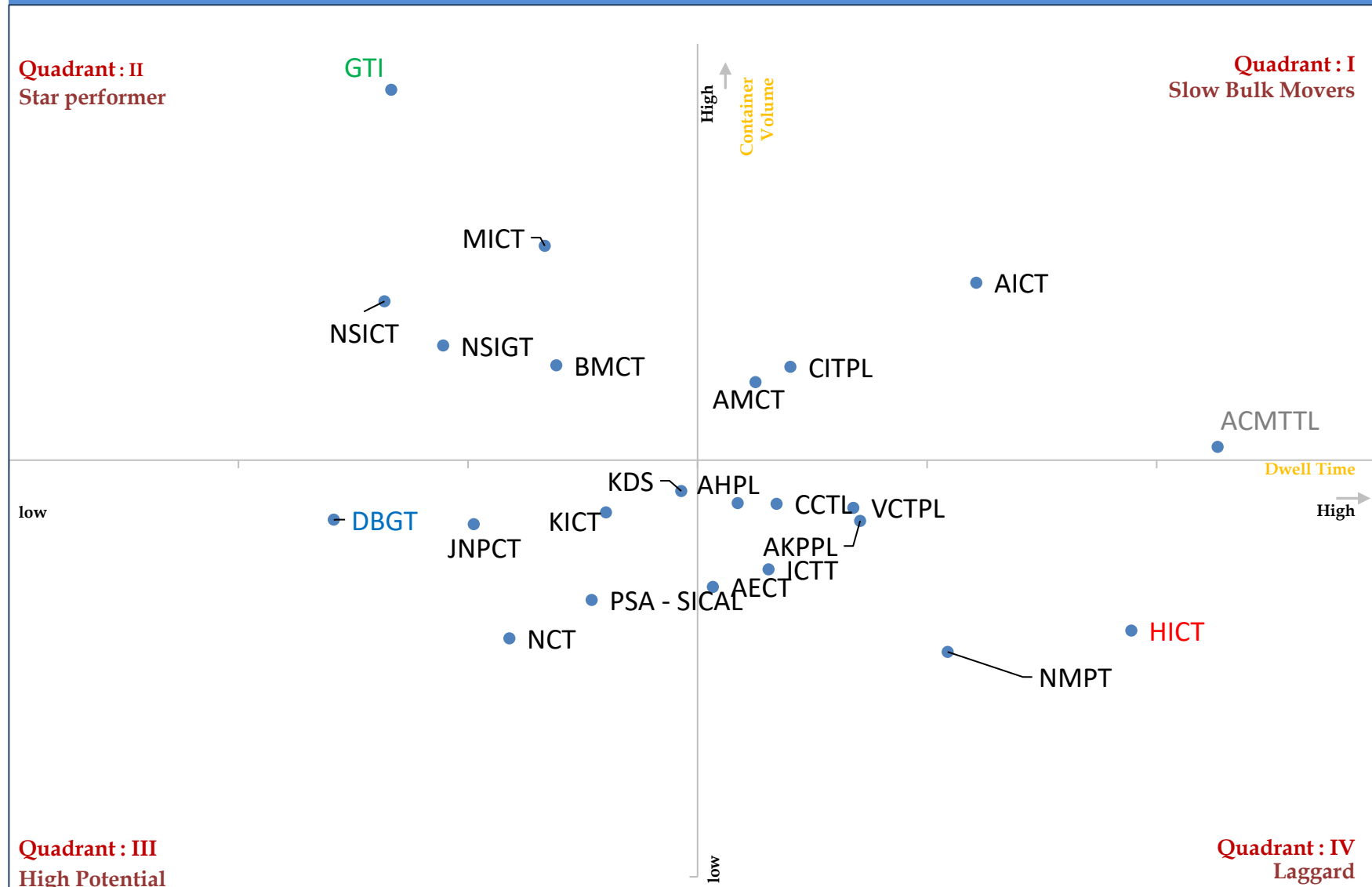




Performance Benchmarking - Port Terminals

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


Port Terminal Performance Index - Feb'21



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


Top Performing Terminal

Gateway Terminals India (GTI)

Jan'21	Feb'21
37.0 Hrs	39.5 Hrs. 

Low Performing Terminal)

Haldia International Container Terminal (HICT)

Jan'21	Feb'21
89.8 Hrs	108.9 Hrs 

Note: The performance benchmarking is based on performance index



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

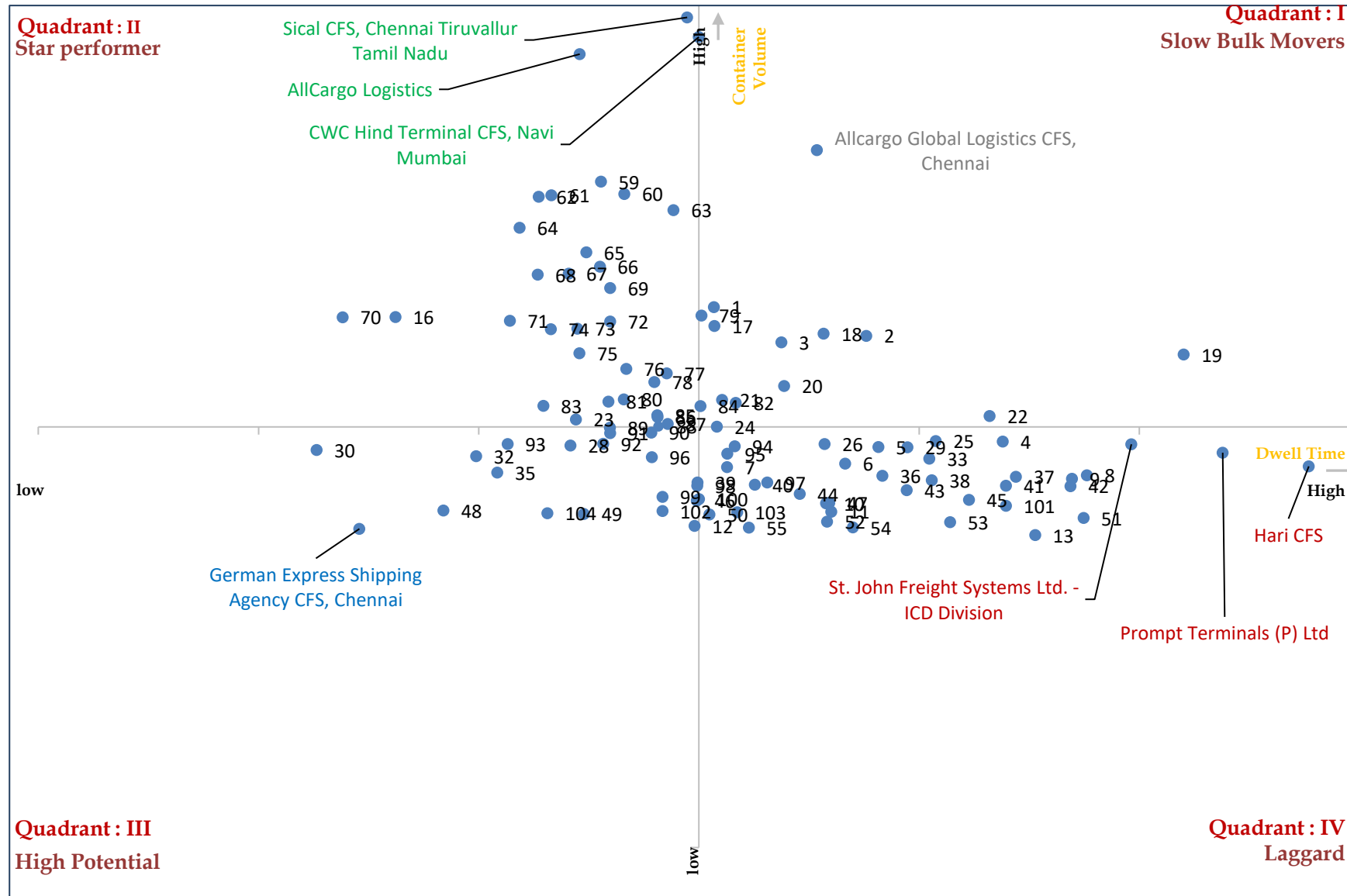
High Potential : consist of entities which have catered relatively lower container volume in lower dwell time

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 - Feb'21



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

Top Three Performing CFSs

CFS Name	Jan'21	Feb'21
Sical CFS, Chennai Tiruvallur Tamil Nadu	127.7 hrs	103.7 hrs
CWC Hind Terminal CFS, Navi Mumbai	95.9 hrs	105.5 hrs
All Cargo Logistics	90.5 hrs	86.6 hrs

Bottom Three Performing CFSs

CFS Name	Jan'21	Feb'21
Hari CFS	177.5 hrs	202.4 hrs
Prompt Terminals (P) Ltd	172.2 hrs	188.7 hrs
St. John Freight Systems Ltd- ICD Division	135.8 hrs	174.2 hrs

Note: The performance benchmarking is based on performance index



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Performance Index- Summary

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

IMPORT

Port Dwell Time

Mode	Jan'21 (in hrs)	Feb'21 (in hrs)
Overall	24.5	23.2
Truck	22.1	21.3
Train	64.6	35.2

EXPORT

Mode	Jan'21 (in hrs)	Feb'21 (in hrs)
Overall	103.2	99.0
Truck	100.4	96.3
Train	118.1	108.9

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





Inland
Container
Depot (ICD)



Container
Freight
Stations (CFS)

Entity	Jan'21 (in hrs)	Feb'21 (in hrs)
CFS	92.1	91.8
ICD	127.8	129.4

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

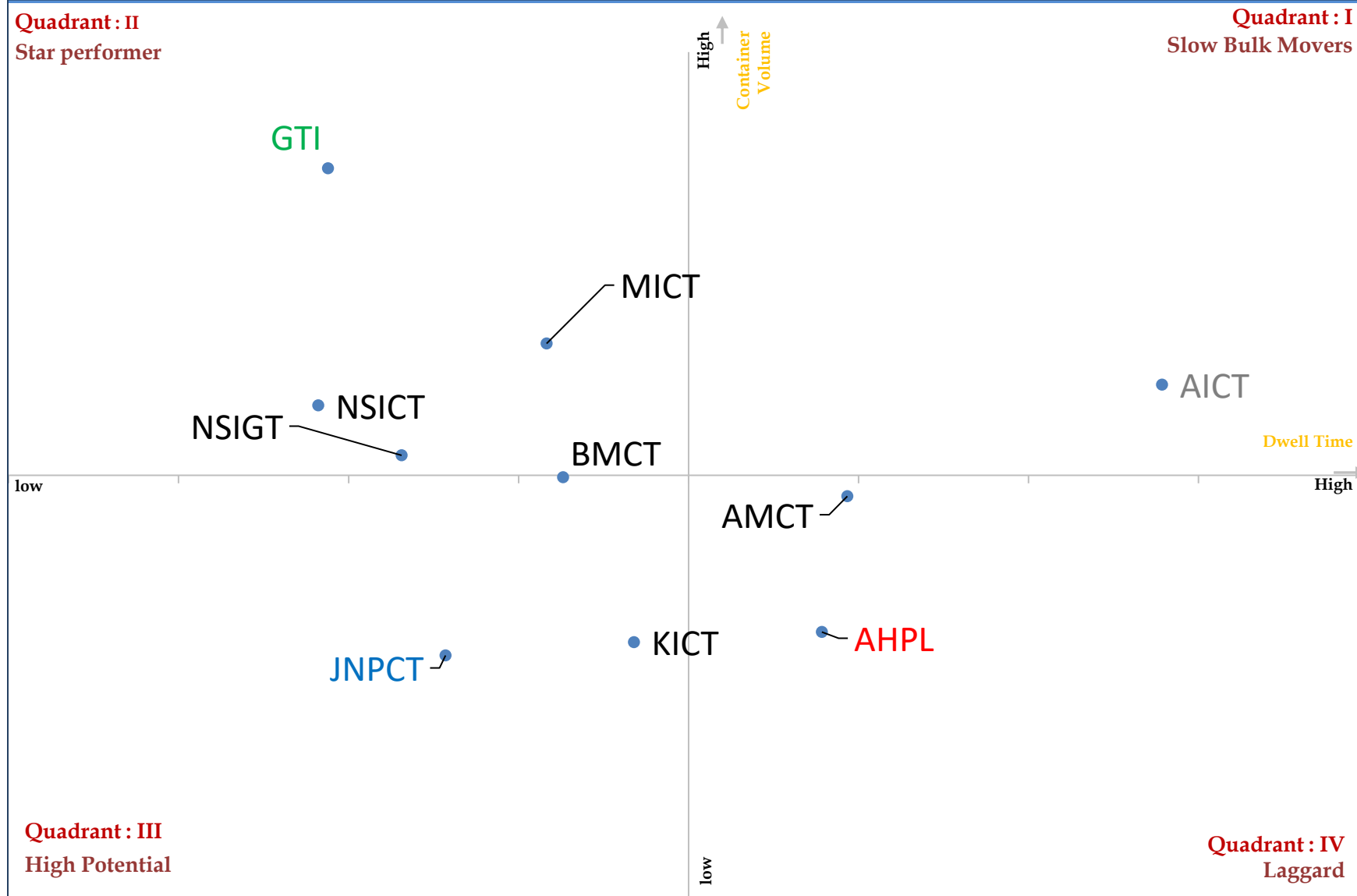
 The marked entries showcase decrease in performance in comparison to Jan'21



Performance Benchmarking - Port Terminals

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


Port Terminal Performance Index – Feb'21



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


Top Performing Terminal

Gateway Terminals India (GTI)

Jan'21	Feb'21
37.0 Hrs	39.5 Hrs. 

Low Performing Terminal

Adani Hazira Port Limited (AHPL)

Jan'21	Feb'21
64.8 Hrs	72.0 Hrs 

Note: The performance benchmarking is based on performance index



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

Jan'21

90.5 hrs

Feb'21

86.6 hrs



Low Performing CFS

CWC CFS, Gandhidham

Jan'21

128.1 hrs.

Feb'21

154.3 hrs

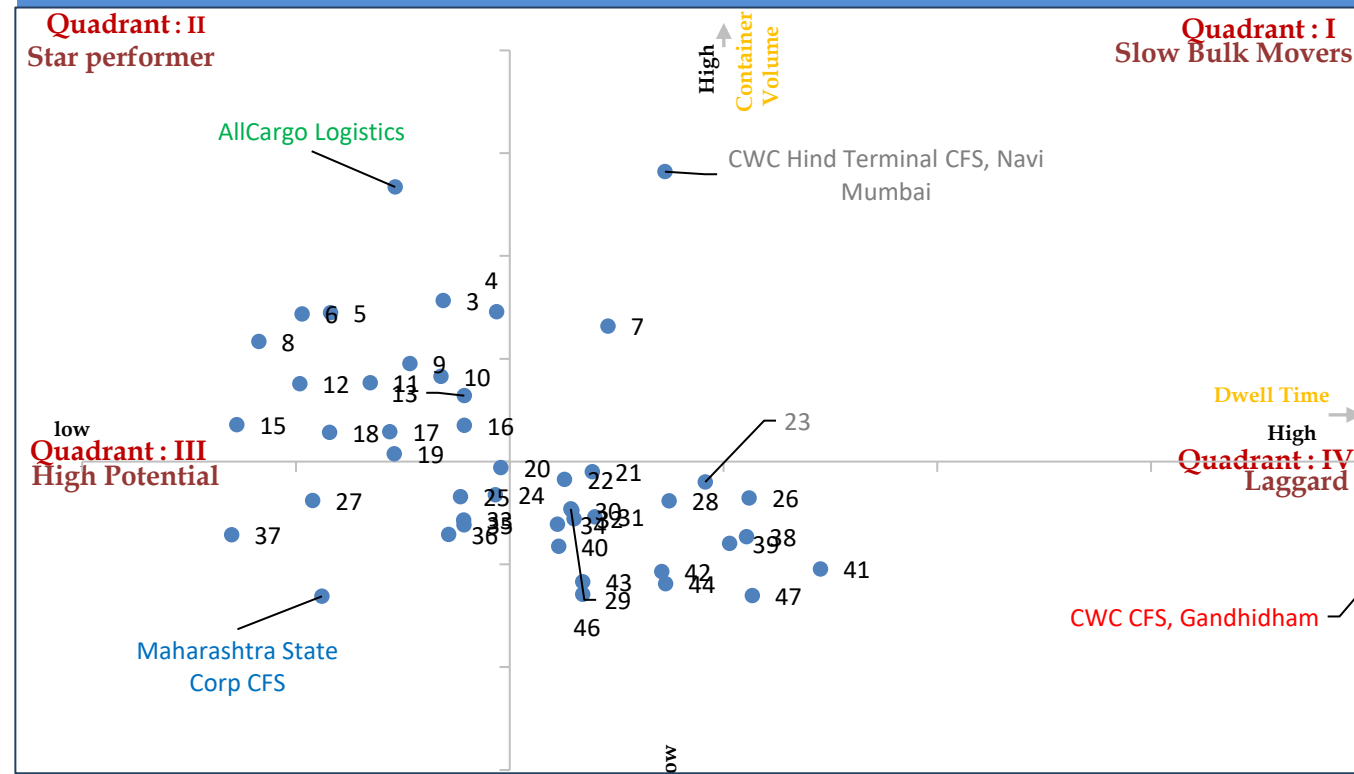


Note: The performance benchmarking is based on performance index



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

Performance Index: Western Corridor CFS



Top Performing ICD

Albatross Inland Ports ICD, Dadri

Jan'21

126.9 hrs

Feb'21

119.6 hrs



Low Performing ICD

GatewayRail Freight ICD, Pyala

Jan'21

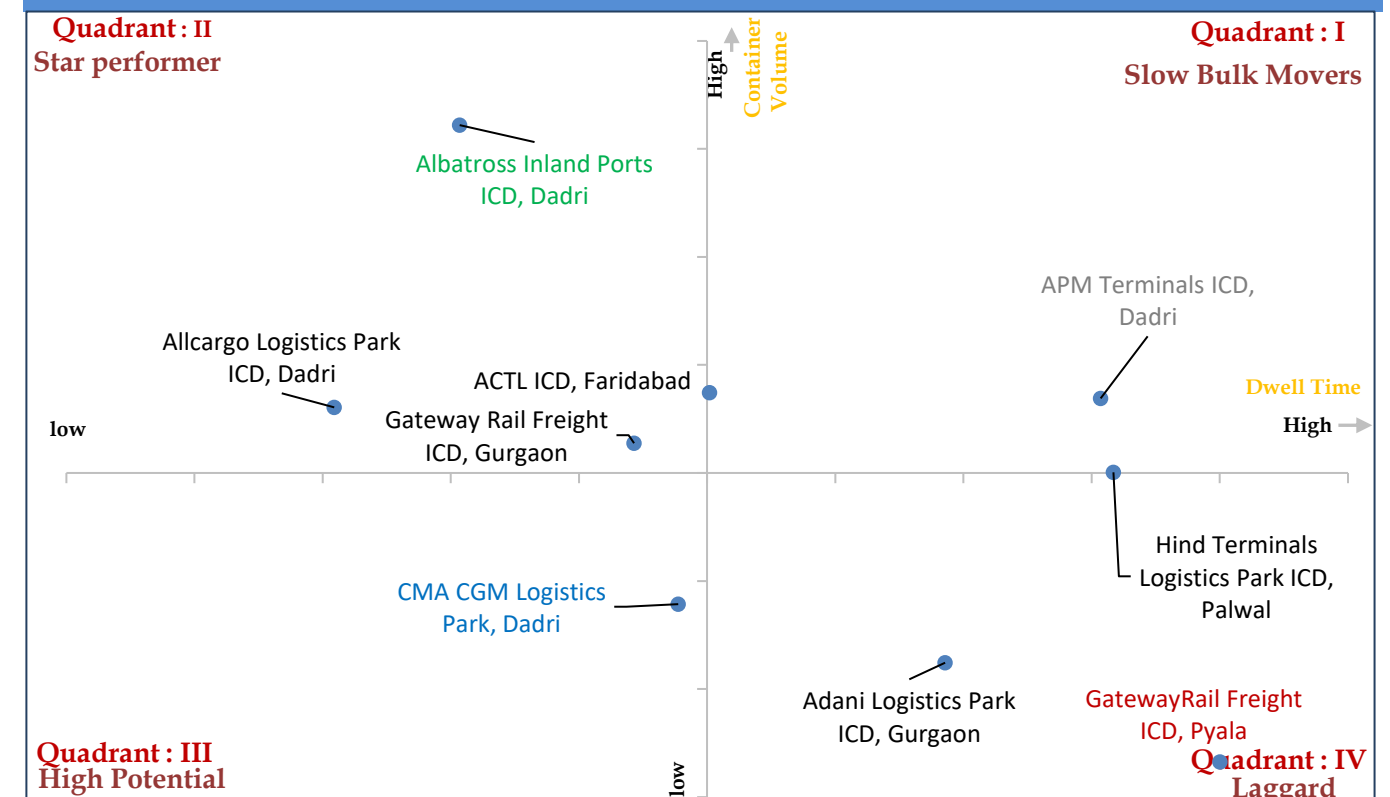
163.6 hrs

Feb'21

154.6 hrs



Performance Index: ICD



Kindly refer to Annexure section for the names of CFS

Port Dwell Time

IMPORT

Mode	Jan'21 (in hrs)	Feb'21 (in hrs)
Overall	58.6	50.5
Truck	56.4	50.0

EXPORT

Mode	Jan'21 (in hrs)	Feb'21 (in hrs)
Overall	86.7	85.1
Truck	87.0	84.0
Train	81.9	92.8

Container Freight Stations(CFS)- Dwell Time



Container
Freight
Stations

Entity	Jan'21 (in hrs)	Feb'21 (in hrs)
CFS	125.6	118.5

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

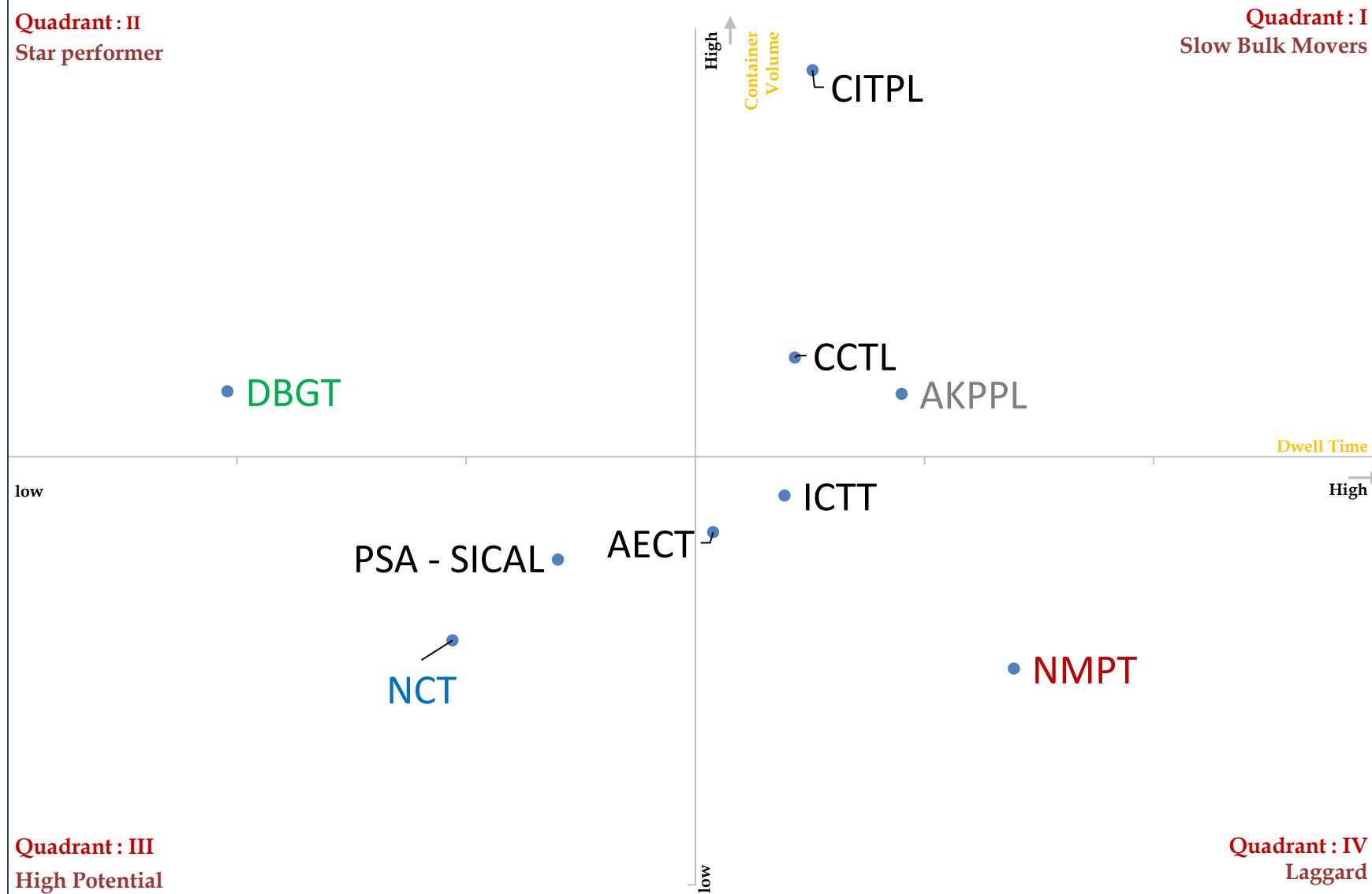
The marked entries showcase decrease in performance in comparison to Jan'21



Performance Benchmarking - Port Terminals

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

Southern Corridor Port Terminal Performance Index - Feb'21



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

Top Performing Terminal

Dakshin Bharat Gateway Terminal (DBGT)

Jan'21

Feb'21

32.3 hrs

34.1 hrs



Low Performing Terminal

New Mangalore Port Trust Terminal

Jan'21

Feb'21

93.8 hrs

91.5 hrs



Note: The performance benchmarking is based on performance index



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

Performance Index- Summary

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

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

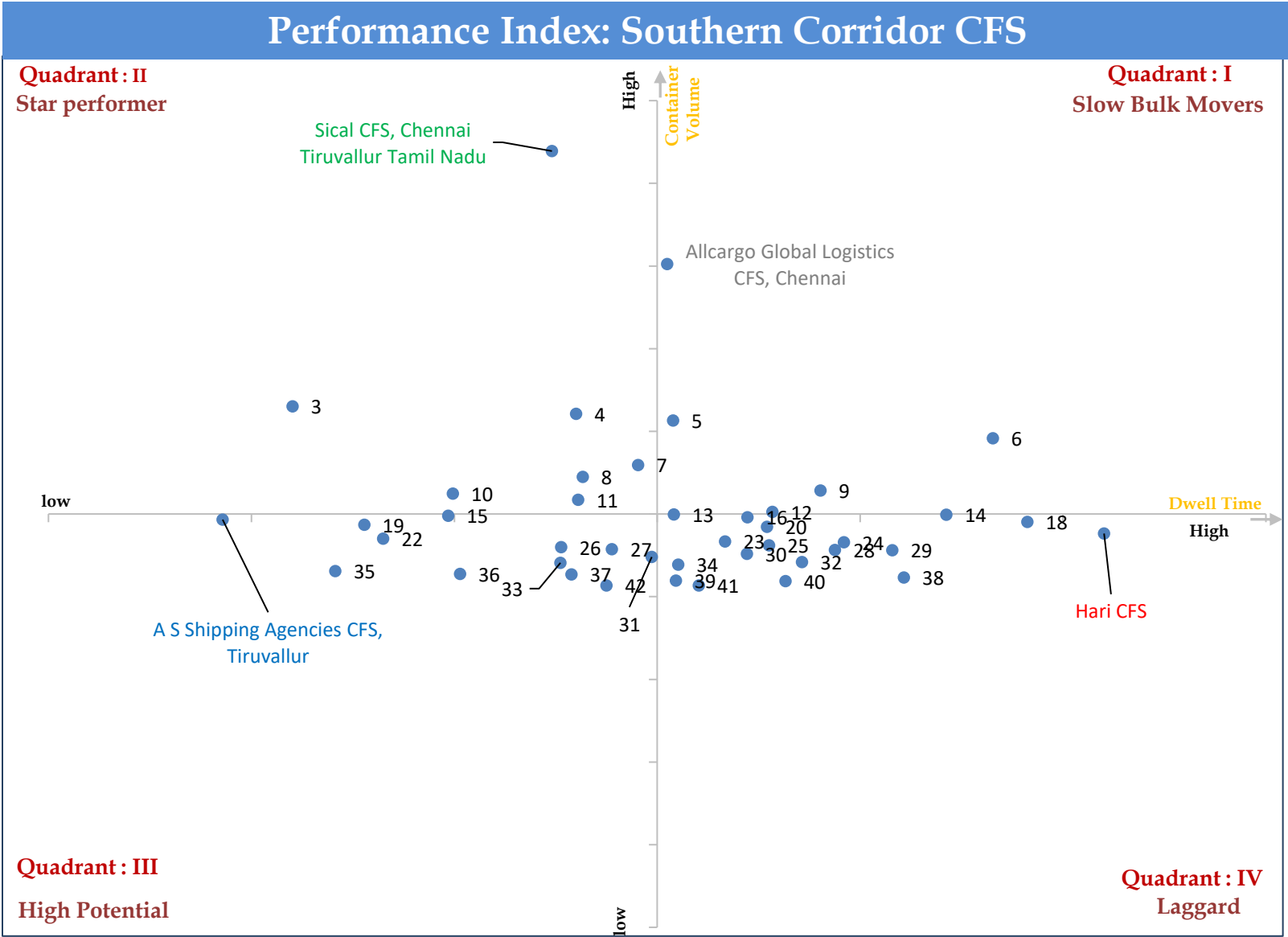
Slow Bulk Movers : consist of entities which have catered higher container volume at higher dwell time

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

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



Performance Benchmarking - CFS



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

Top Performing Terminal

Sical CFS, Chennai Tiruvallur Tamil Nadu

Jan'21

Feb'21

127.7 hrs

103.7 hrs



Low Performing Terminal

Hari CFS

Jan'21

Feb'21

177.5 hrs

202.4 hrs



Note: The performance benchmarking is based on performance index



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

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Port Dwell Time

IMPORT

Mode	Jan'21 (in hrs)	Feb'21 (in hrs)
Overall	40.1	46.5
Truck	34.5	40.5
Train	126.7	129.3

EXPORT

Mode	Jan'21 (in hrs)	Feb'21 (in hrs)
Overall	111.5	116.3
Truck	103.9	109.4
Train	186.6	233.7

Container Freight Stations(CFS)- Dwell Time



Container
Freight
Stations

Entity	Jan'21 (in hrs)	Feb'21 (in hrs)
CFS	123.4	126.4

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

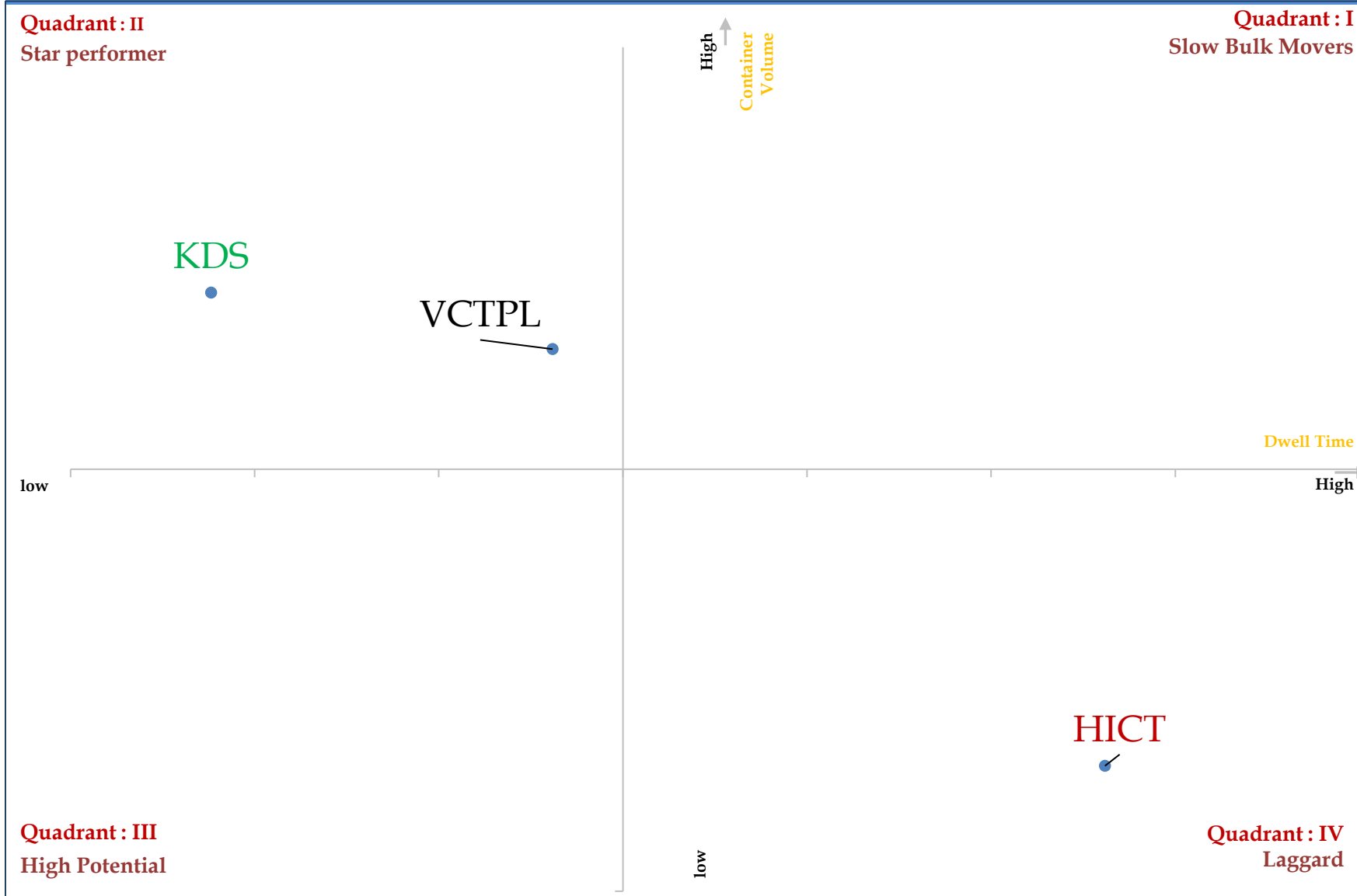
The marked entries showcase decrease in performance in comparison to Jan'21



Performance Benchmarking - Port Terminals

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

Port Terminal Performance Index – Feb'21



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

Top Performing Terminal

Kolkata Dock System (KDS)

Jan'21	Feb'21
54.2 hrs	66.7 hrs



Low Performing Terminal

Haldia International Container Terminal (HICT)

Jan'21	Feb'21
96.0 hrs	108.9 hrs



Note: The performance benchmarking is based on performance index



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

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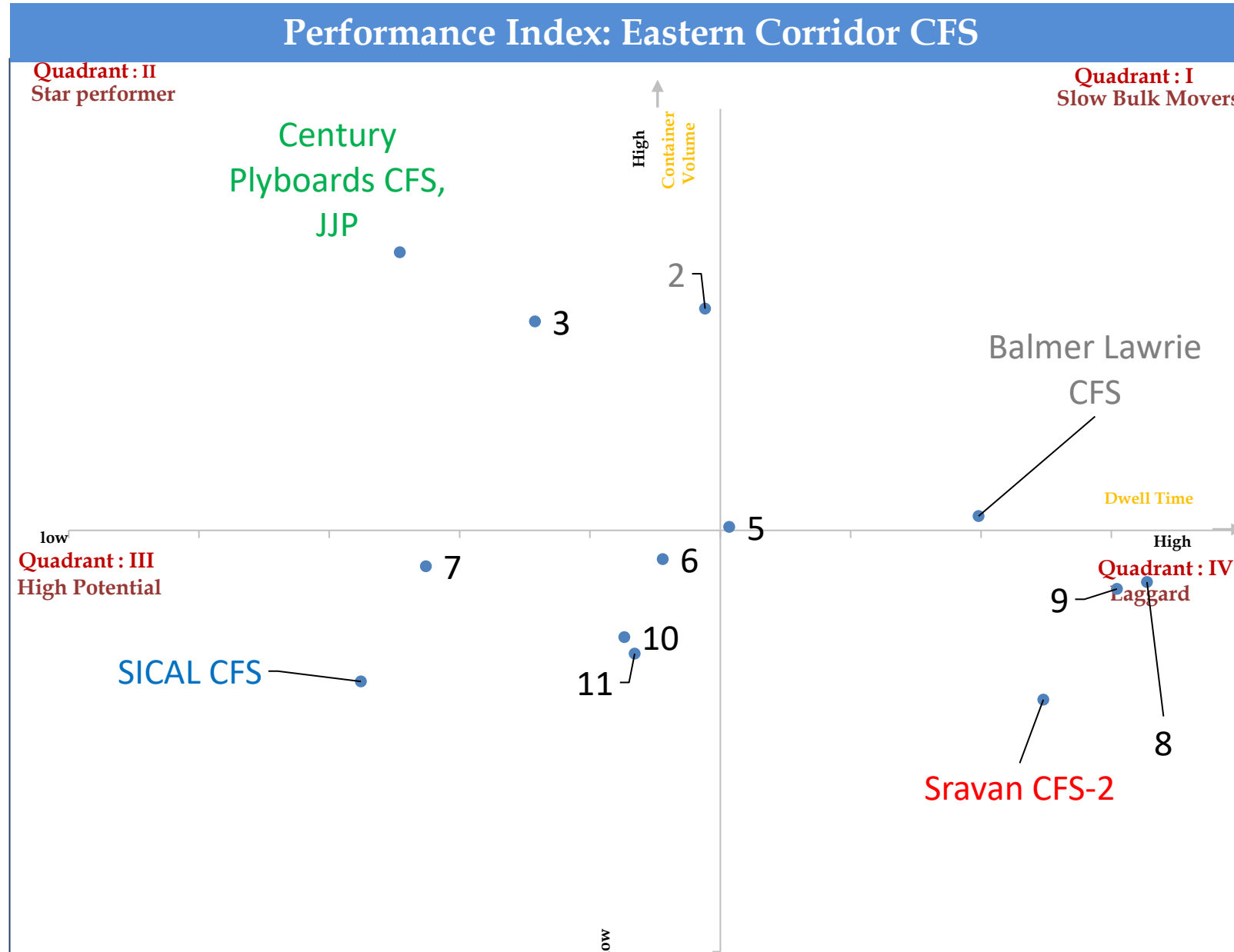
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Performance Benchmarking - CFS



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

Top Performing Terminal

Century Plyboards CFS, JJP

Jan'21	Feb'21
126.5 hrs	108.0 hrs



Low Performing Terminal

Sravan CFS-2

Jan'21	Feb'21
136.7 hrs	159.0 hrs



Note: The performance benchmarking is based on performance index



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

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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

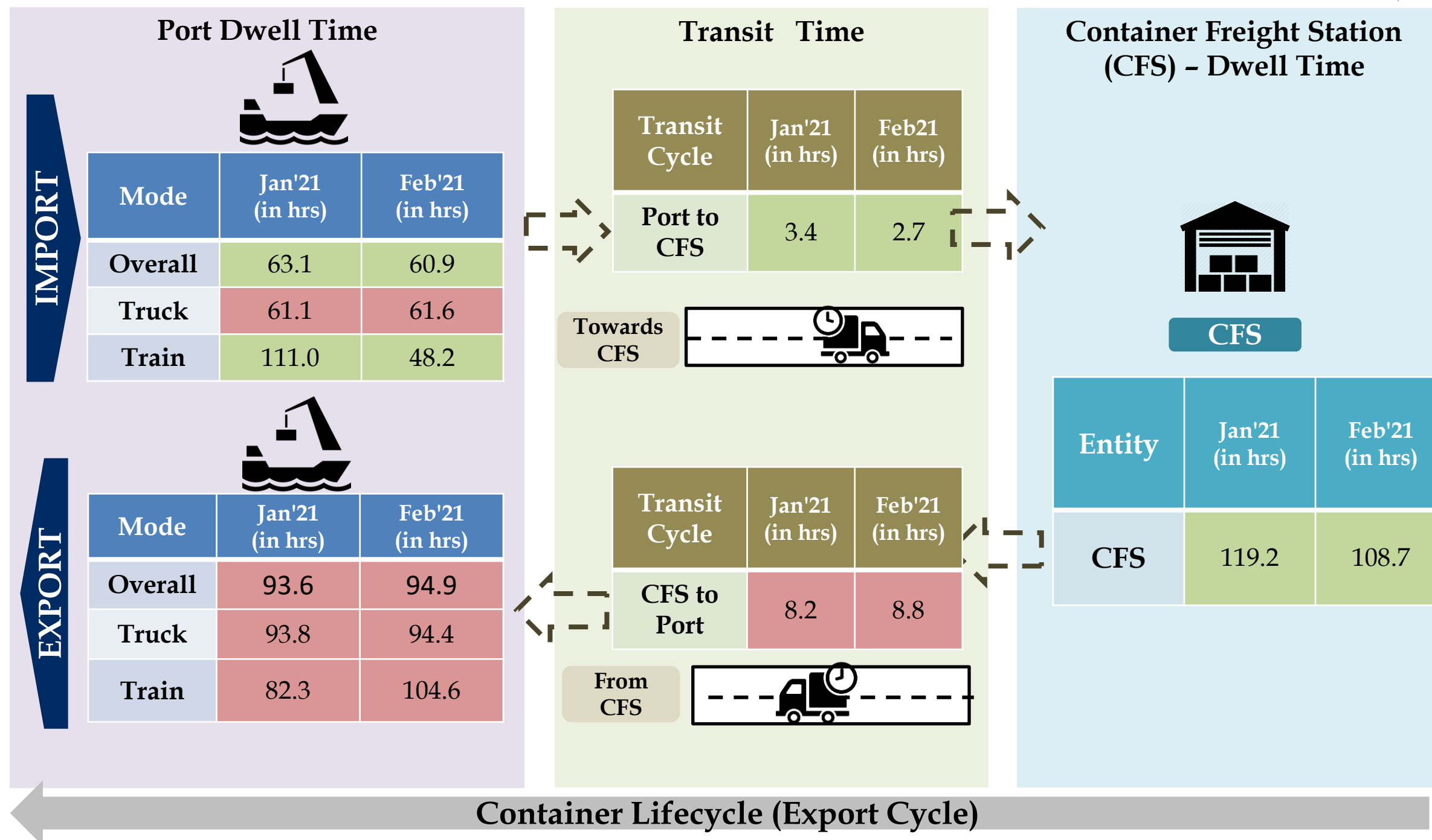
Laggard : consist of entities which have catered relatively lower container volume at higher dwell time

Annexure

Individual Terminal Performance In Southern Corridor

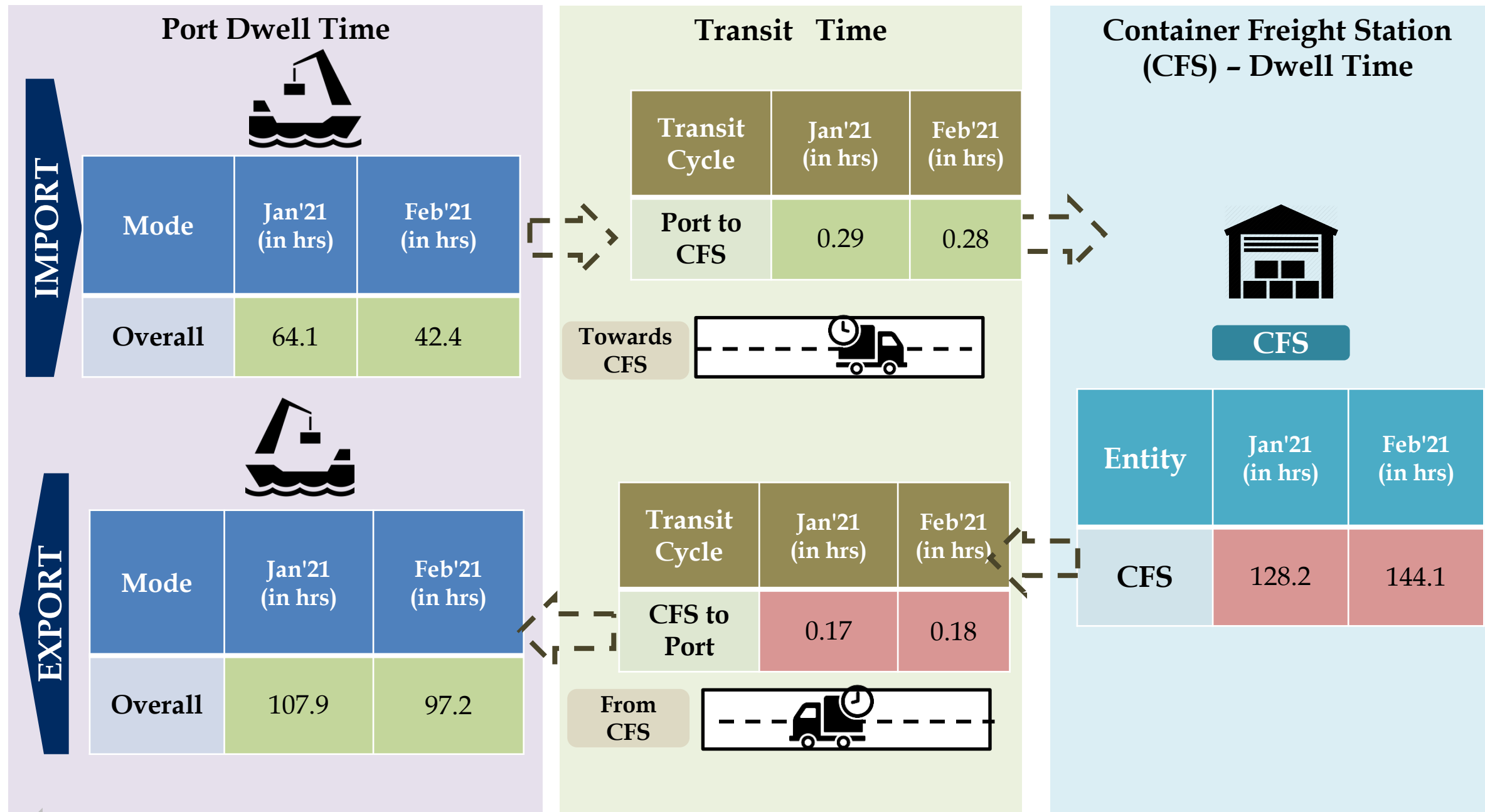
Chennai Port Terminals: Container Transportation

Container Lifecycle (Import Cycle)



Kochi Port Terminal: Container Transportation

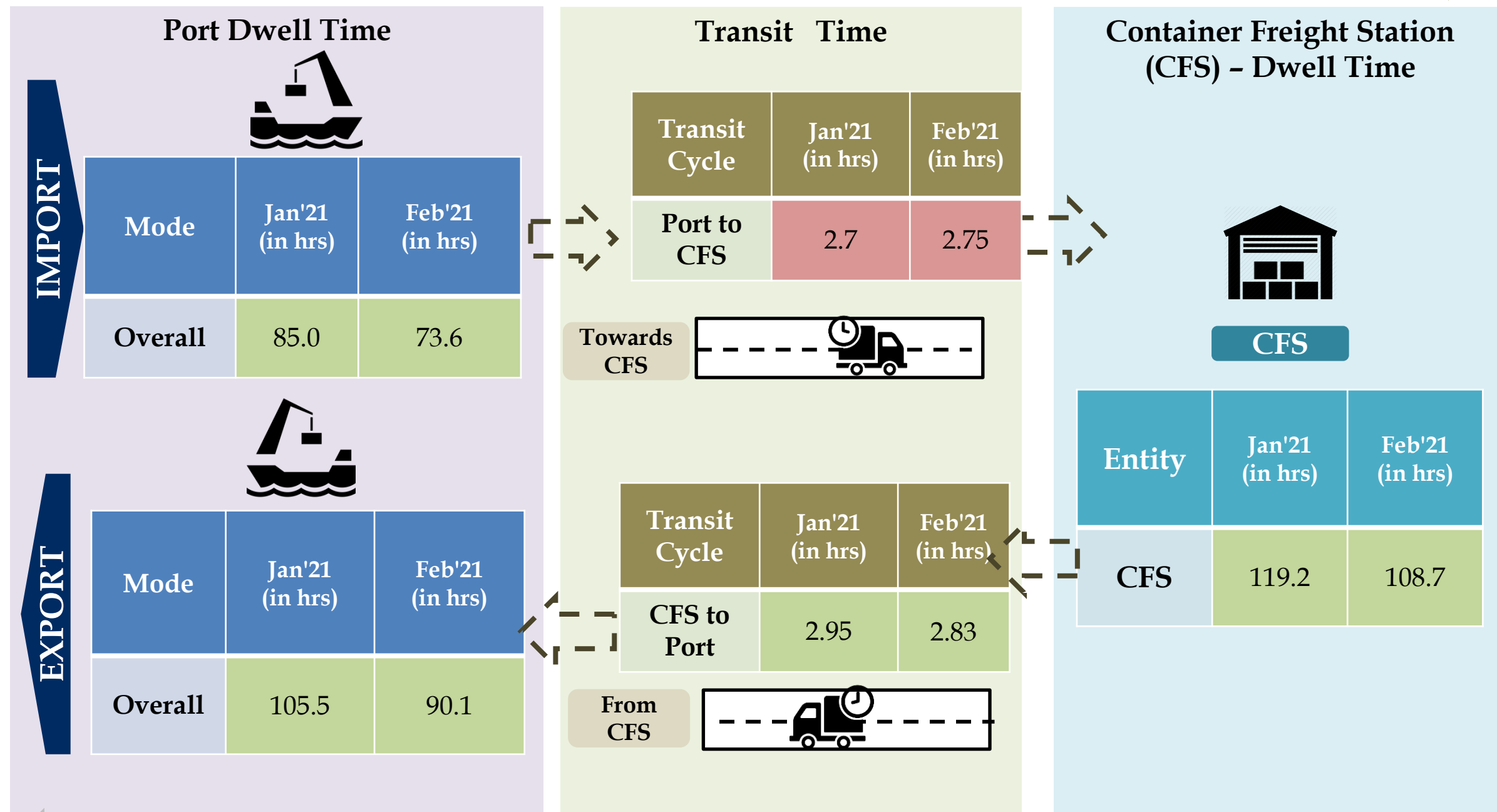
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Kattupalli Port Terminal: Container Transportation

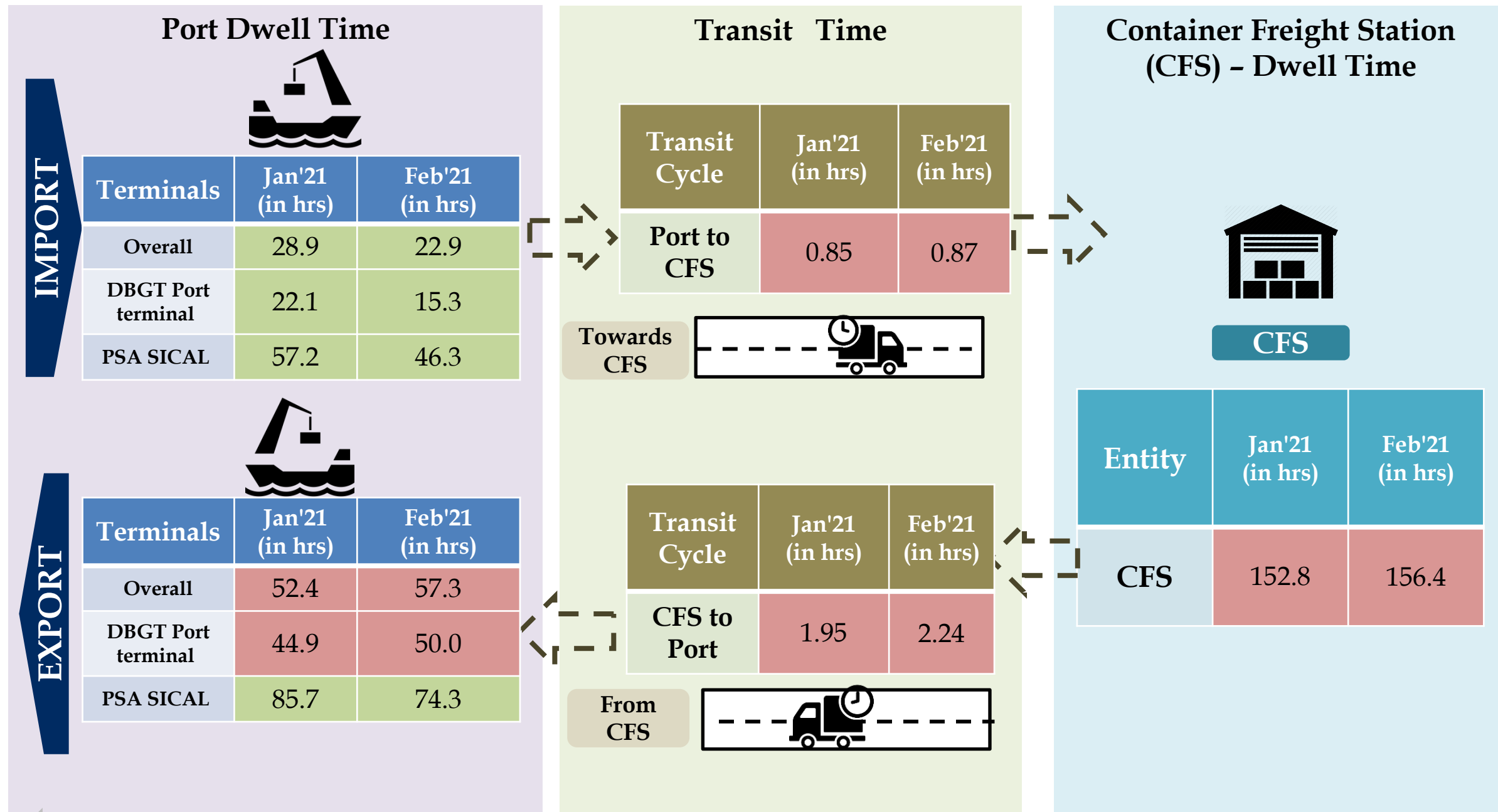
Container Lifecycle (Import Cycle)



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	Jan'21 (in hrs)	Feb'21 (in hrs)
Overall	73.2	38.5



Mode	Jan'21 (in hrs)	Feb'21 (in hrs)
Overall	61.9	82.1

Container Freight Station (CFS) - Dwell Time



CFS

Entity	Jan'21 (in hrs)	Feb'21 (in hrs)
CFS	119.1	117.8

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

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

Cargo Dwell Time



Port

Port Cargo Dwell time	Jan'21 (in hrs)	Feb'21 (in hrs)
Import	72.5	41.8
Export	52.9	73.7

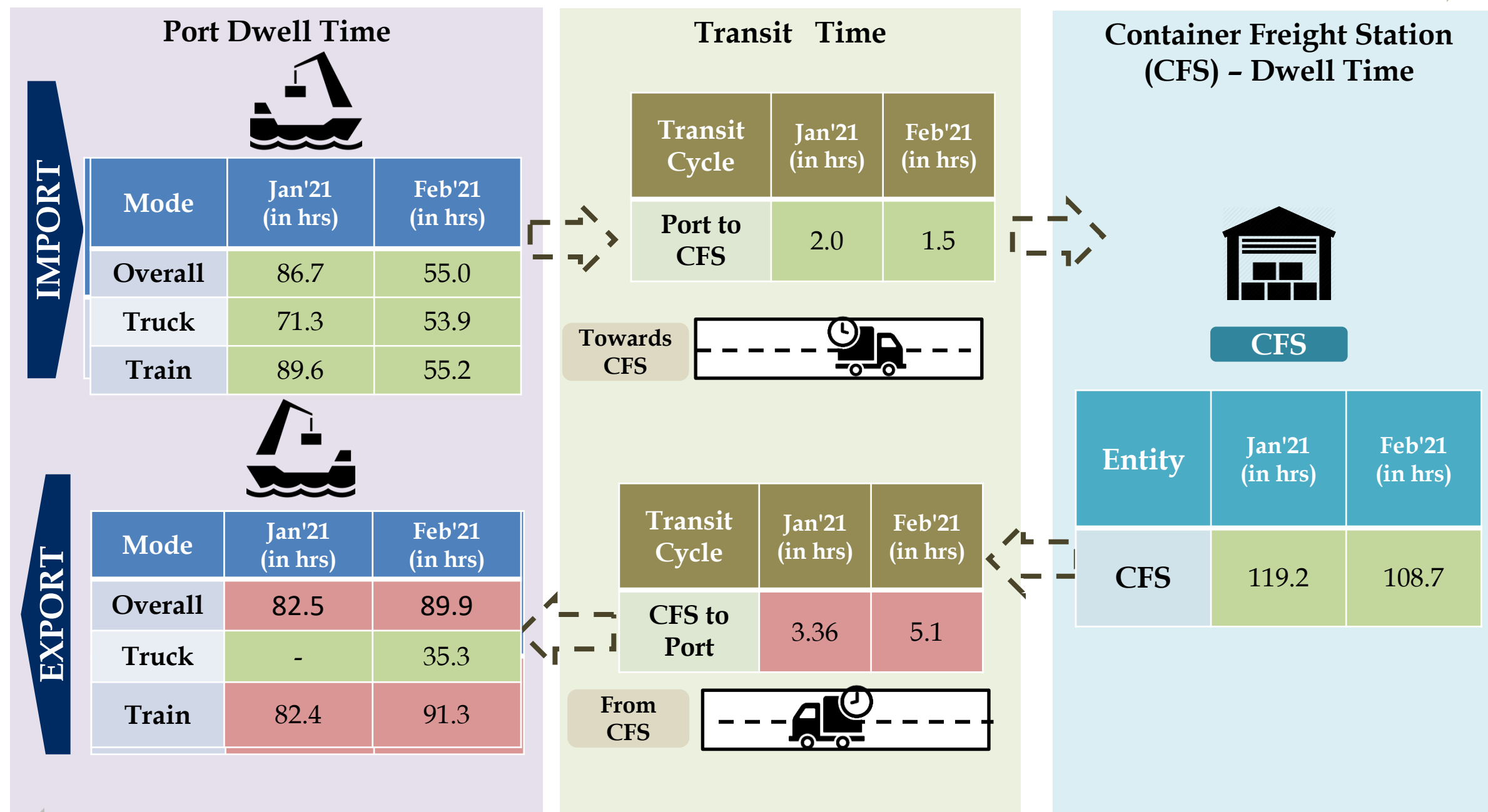
Cargo Clearance time is calculated on the basis of Container In Time and Cargo out time for Import Cycle whereas for Export Cycle it is been calculated on the basis of Cargo In time and Container Out time

Container Lifecycle (Export Cycle)

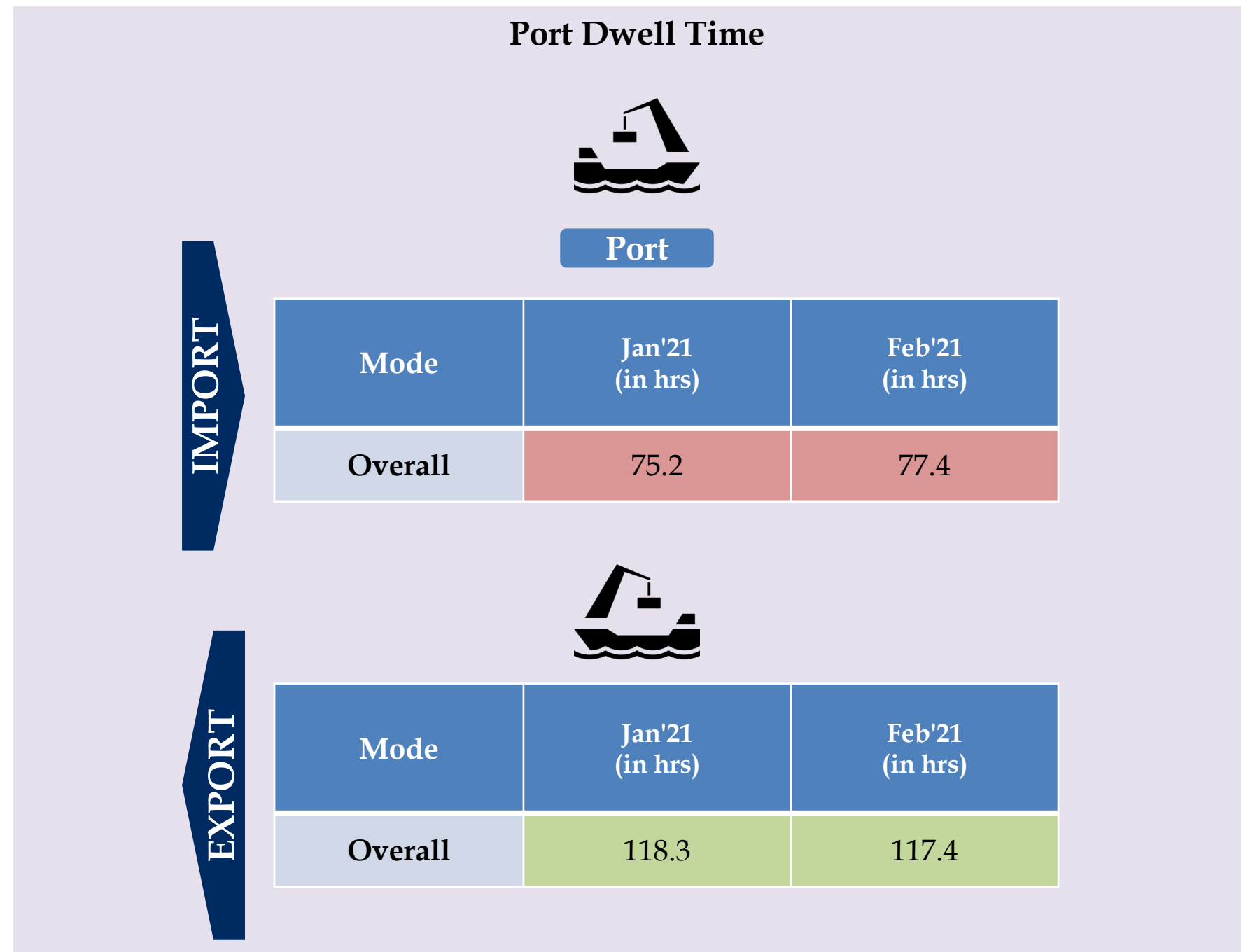
★ Port dwell time reflects the time container has spent in the vicinity which is calculated on the basis of Port out time and Port in Time of container

Ennore Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

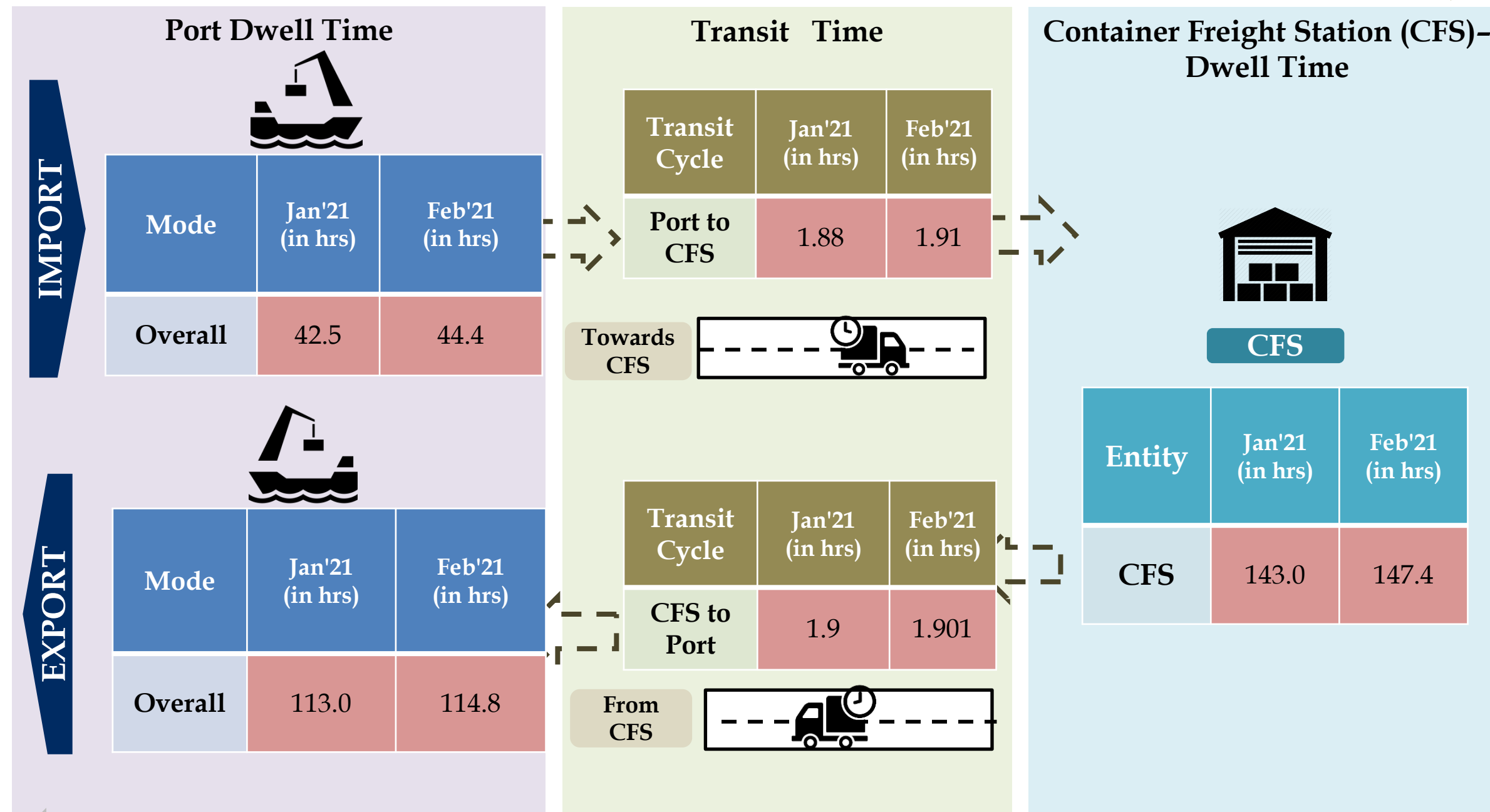


- The marked entries showcase the increase in performance as compared to Jan'21
- The marked entries showcase the decrease in performance as compared to Jan'21

Individual Terminal Performance In Eastern Corridor

Vishakhapatnam Port Terminal: Container Transportation

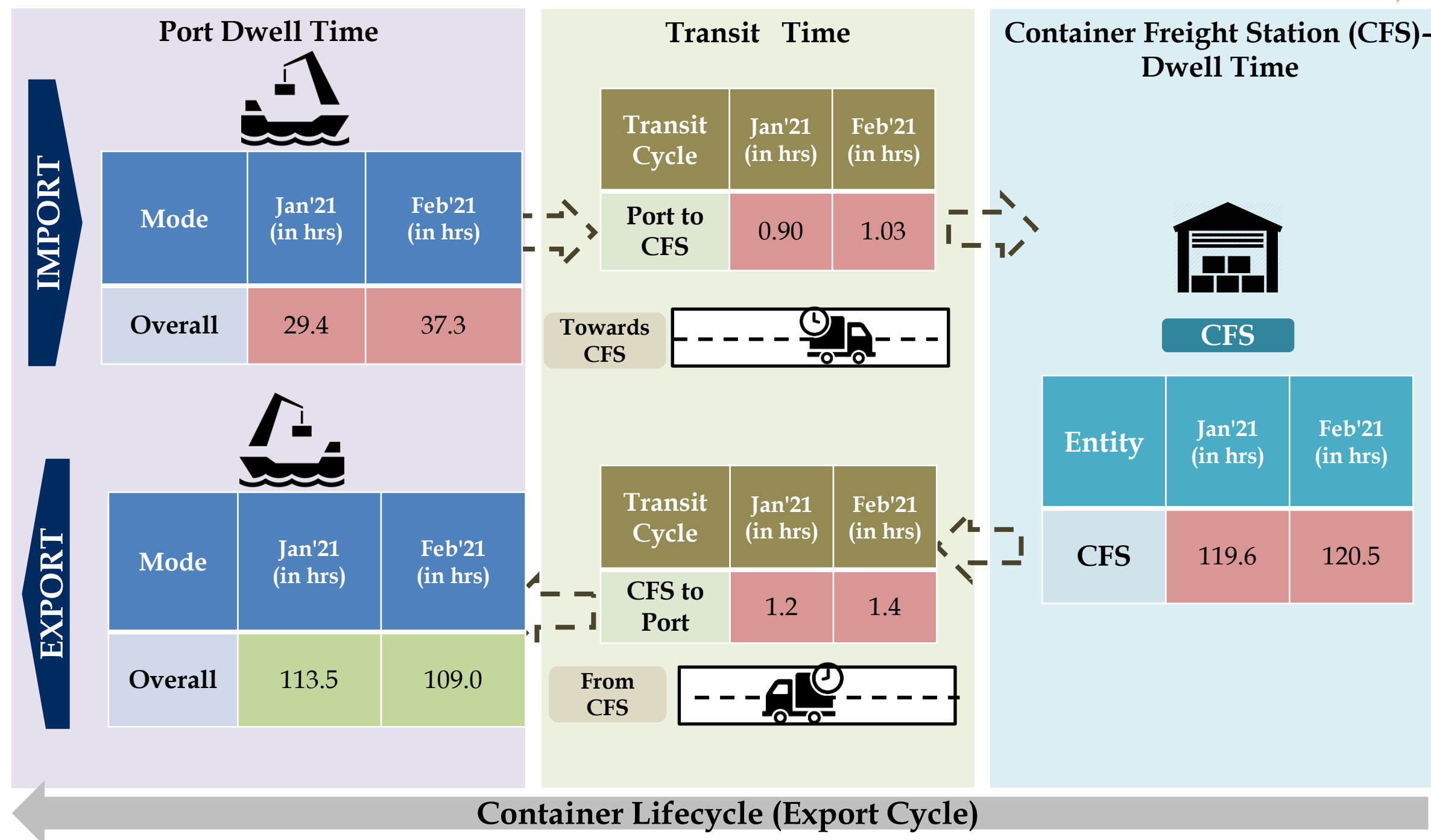
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

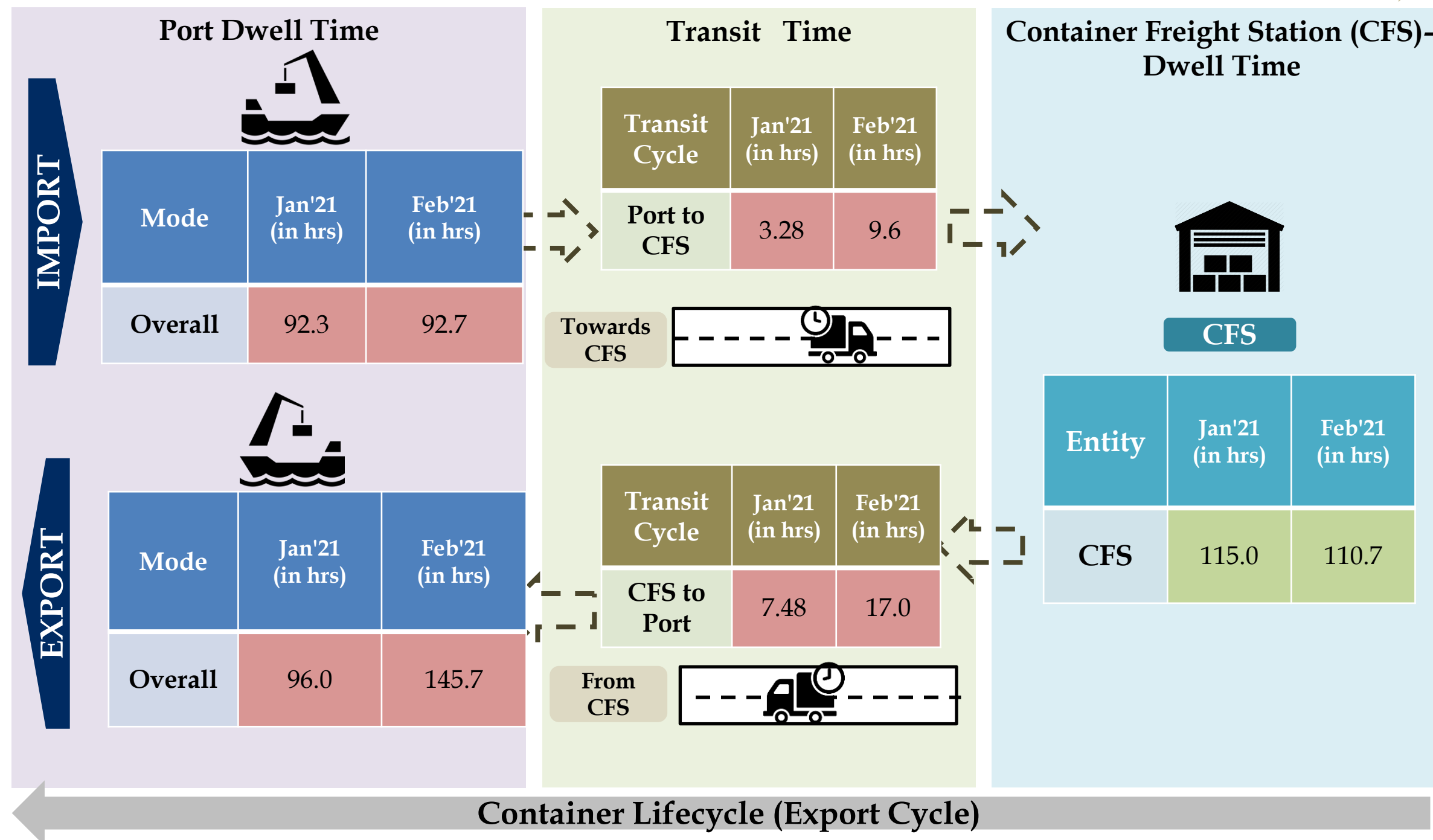
Kolkata Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)

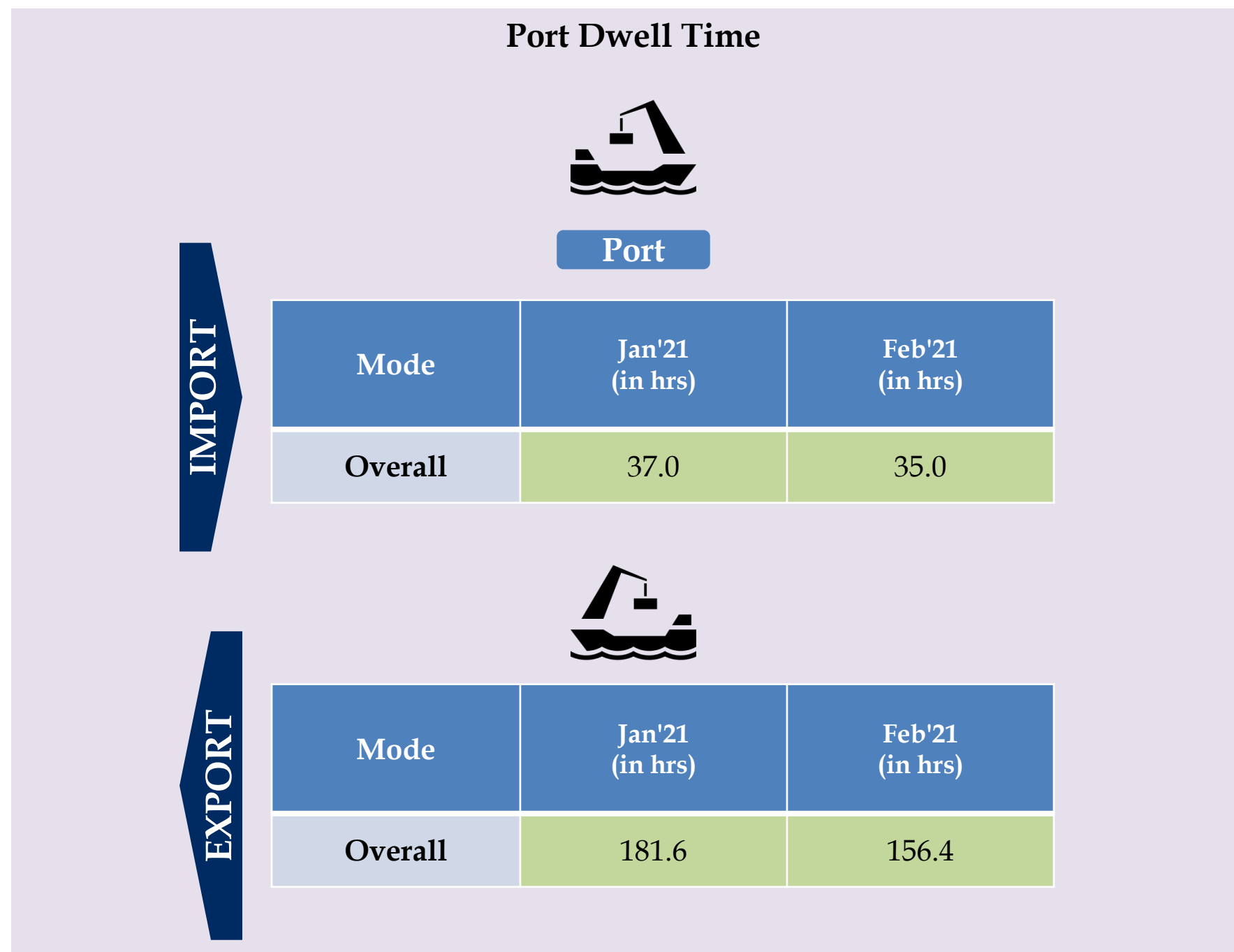



Haldia Port Terminal: Container Transportation


Container Lifecycle (Import Cycle)



Individual Terminal Performance In Western Corridor

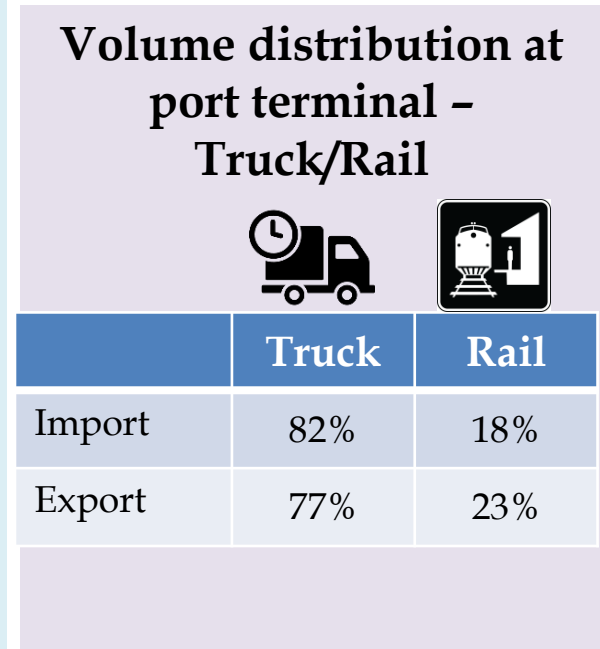
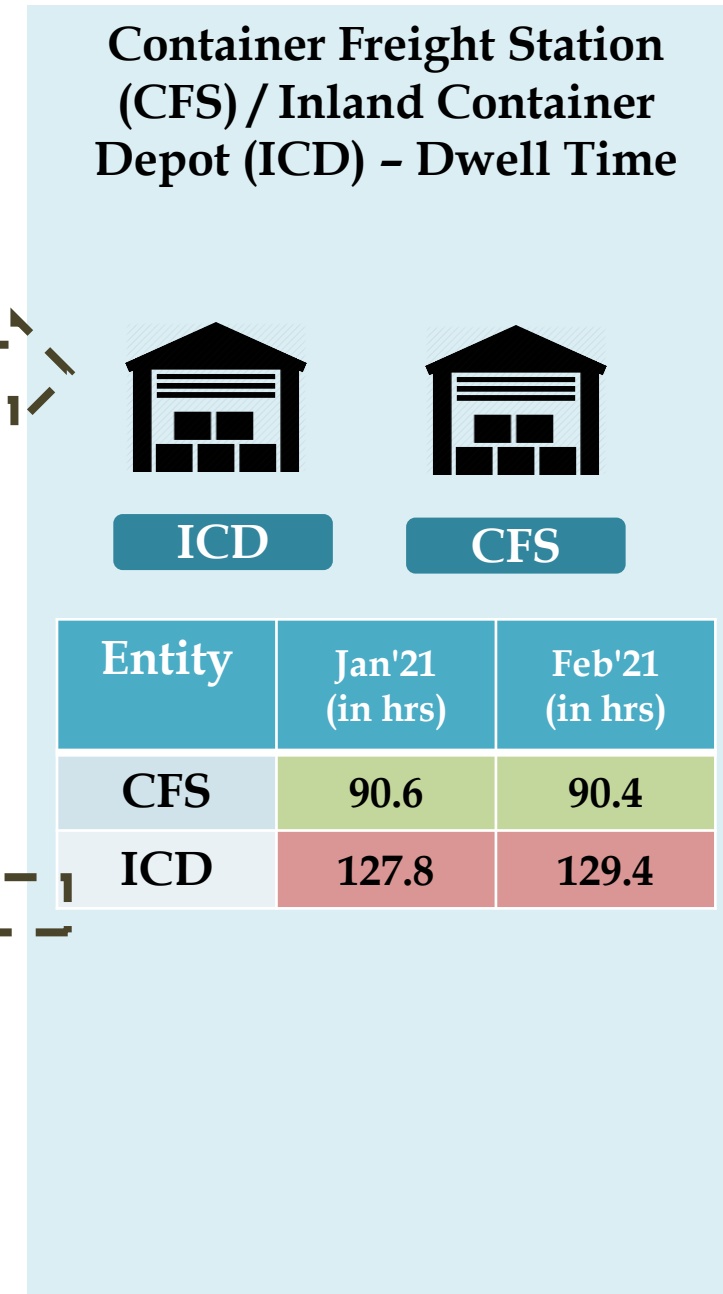
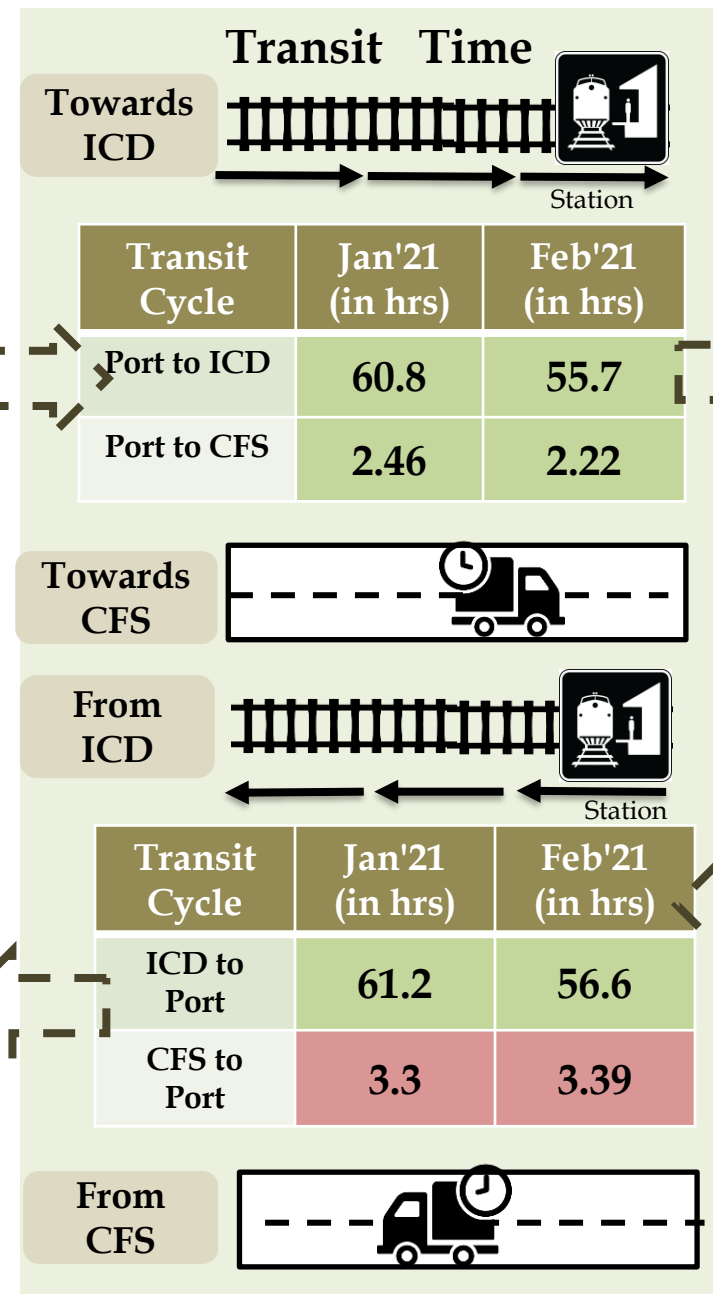
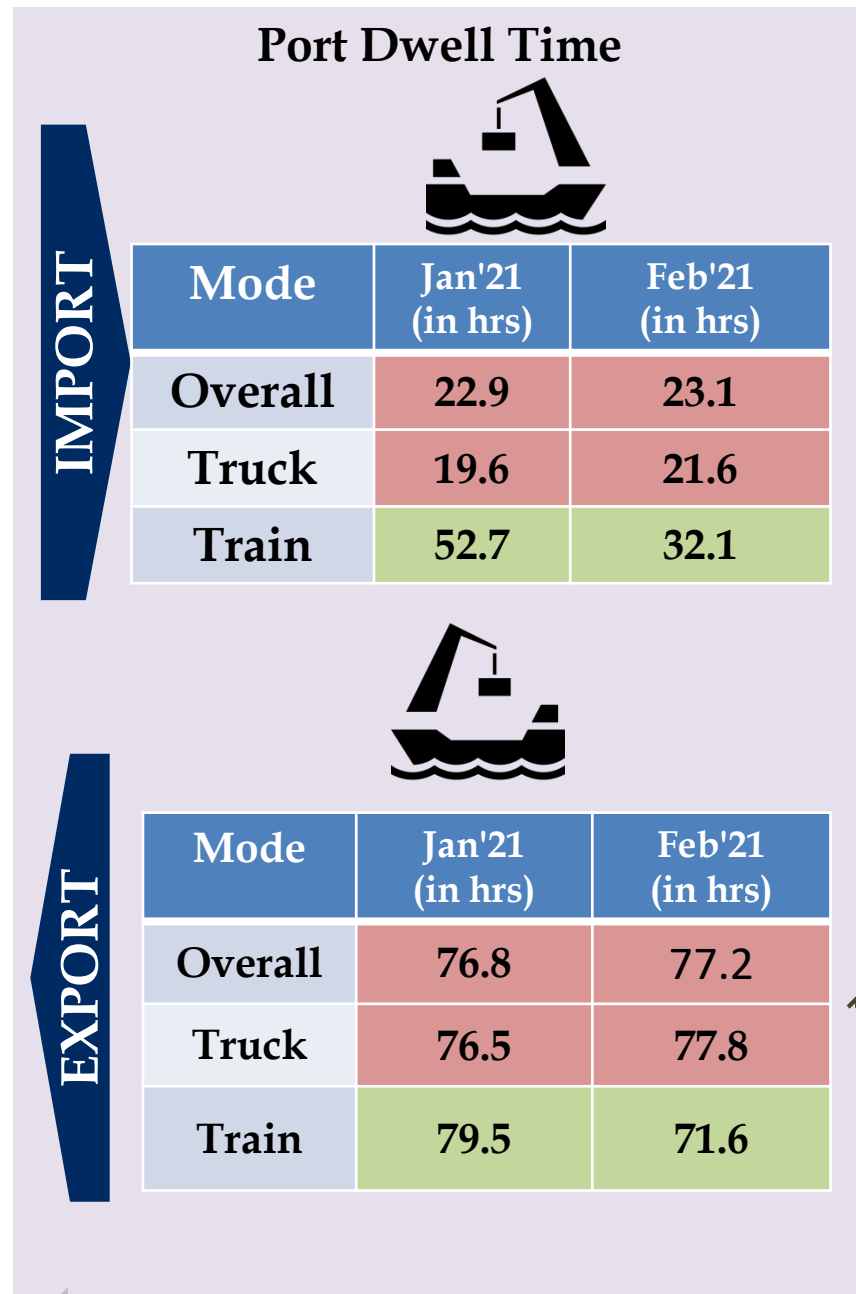



 The marked entries showcase the increase in performance as compared to Jan'21


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

Container Transportation- JNPT Port Terminals

Container Lifecycle (Import Cycle)



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

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

Container Lifecycle (Export Cycle)

Container Transportation- JNPT Port Terminals

%IMPORT CYCLE DWELL TIME (Feb'21 – in hrs)			Compared to Jan'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	23.02	1% ↓
	Port Dwell Time for Truck Bound Containers	21.6	10% ↓
	Port Dwell time for Train Bound Containers	32.1	39% ↑
	Port Dwell time Direct Port Delivery (DPD) containers	43.9	14% ↓
	Port Dwell time Containers bound for CFS	18.4	3% ↓
	Port Dwell for Empty Containers	33.3	34% ↓
	Port Dwell for Laden Containers	20.8	8% ↑
TRANSIT TIME	Port to ICD	55.7	8% ↑
	Port to CFS	2.22	10% ↑

EXPORT CYCLE DWELL TIME (Feb'21– in hrs)			Compared to Jan'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	77.2	1% ↓
	Port Dwell Time for Truck Bound Containers	77.8	2% ↓
	Port Dwell time for Train Bound Containers	71.6	10% ↑
	Port Dwell time Direct Port Entry (DPE) containers	86.6	7% ↓
	Port Dwell time Containers bound from CFS	76.5	3% ↓
	Port Dwell for Empty Containers	69.1	2% ↑
	Port Dwell for Laden Containers	78.5	1% ↑
TRANSIT TIME	ICD to Port	56.6	8% ↑
	CFS to Port	3.4	3% ↓

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

JNPT Region: Parking Plaza Dwell Time Analysis

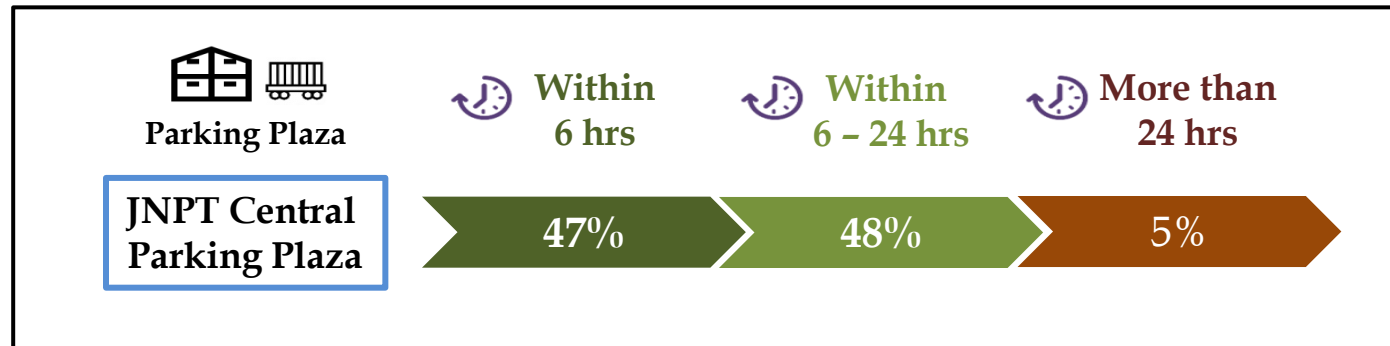
The below table depicts the Parking Plaza & Parking Plaza to Port Transit Performance at JNPT Port Terminals and their volume bifurcation in export cycle



Parking Plaza Gate In – Gate Out

Mode	Jan'21 (in hrs)	Feb'21
Overall Parking Plaza	6.4	6.3

Container Handled: Day wise (Feb'21)

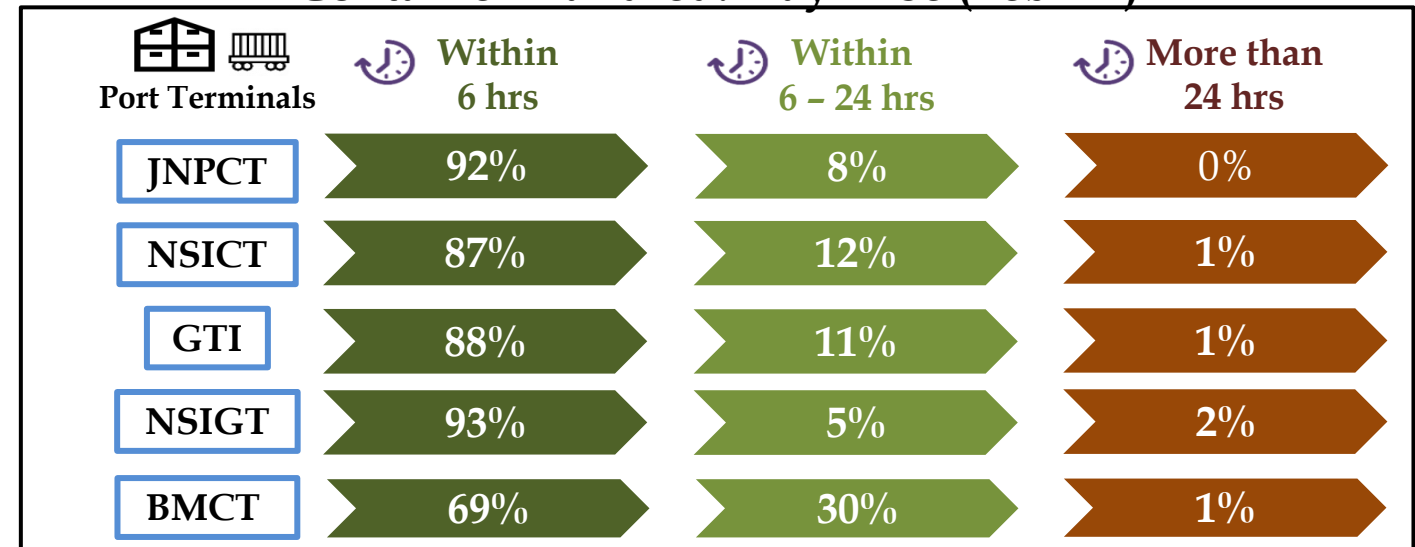


Parking Plaza Gate Out – Terminal In

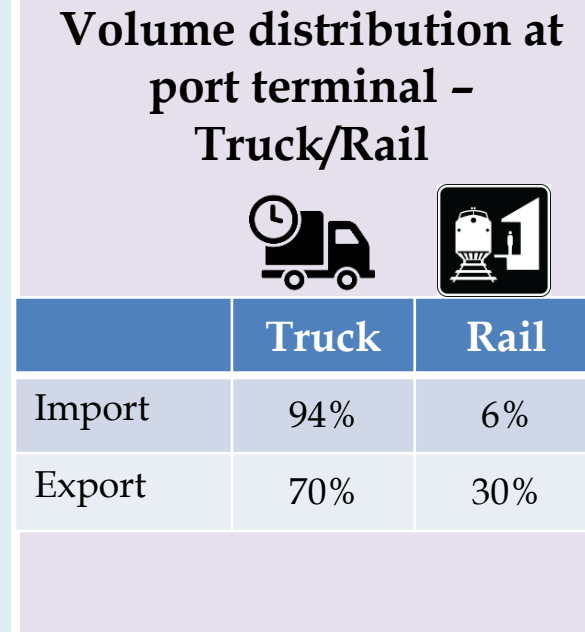
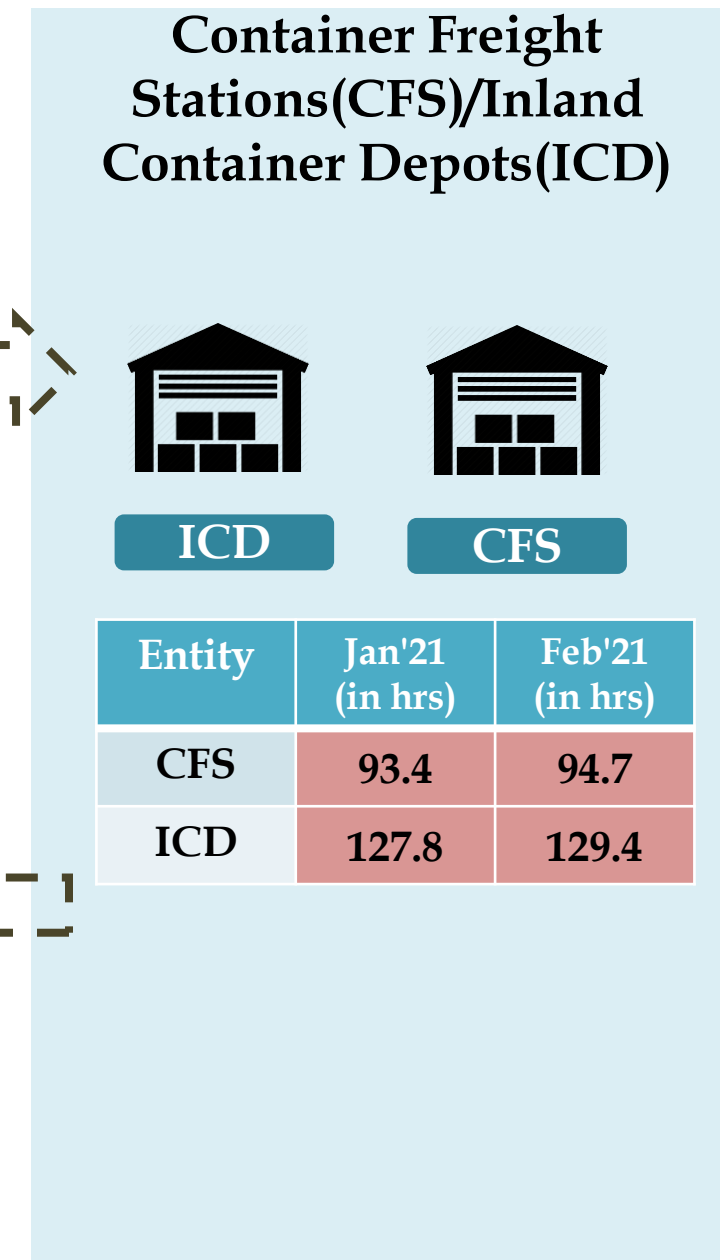
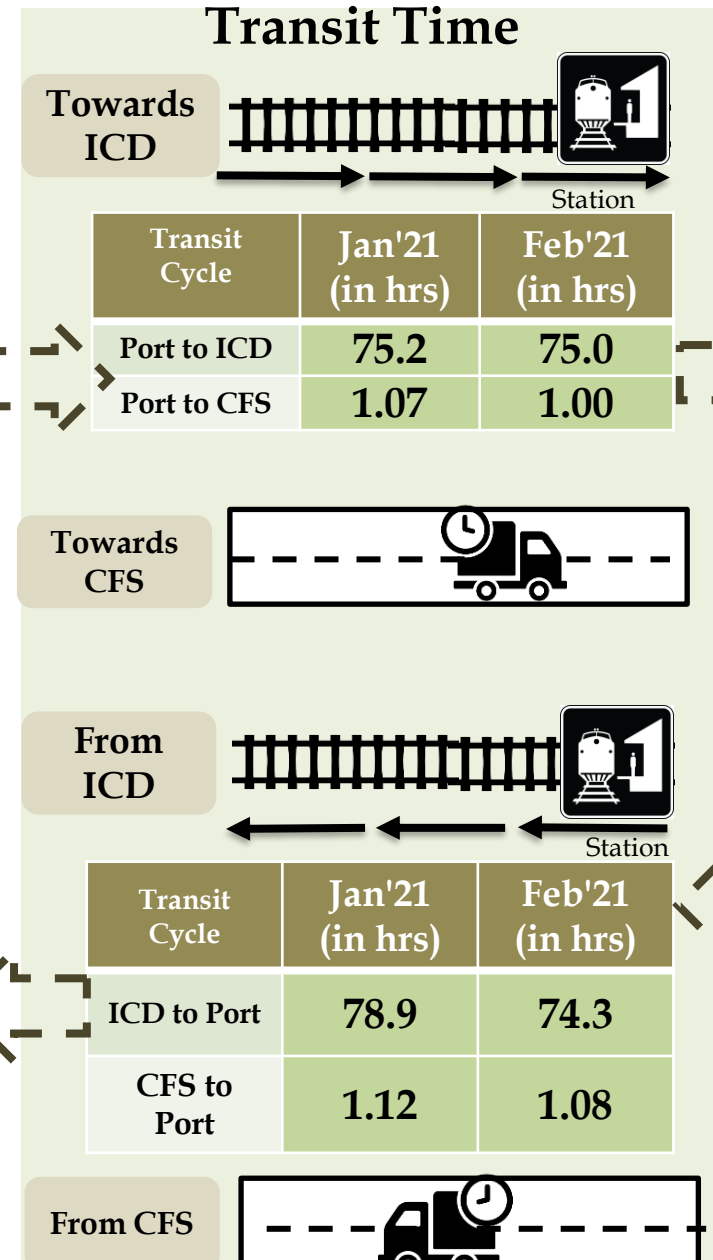
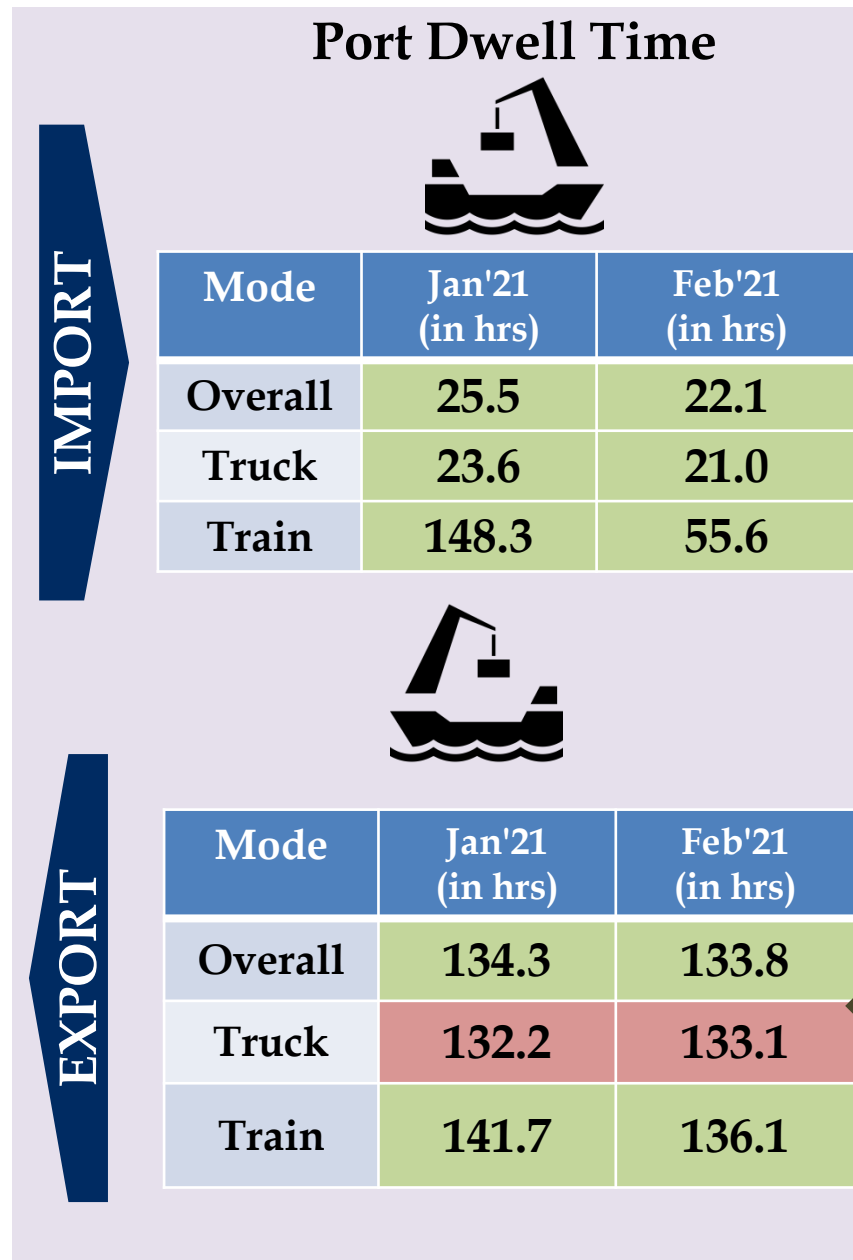
Mode	Jan'21 (in hrs)	Feb'21 (in hrs)
Overall Parking Plaza to JNPT Port	2.1	2.0


Port	Jan'21 (in hrs)	Feb'21 (in hrs)
JNPCT	2.0	1.3
NSICT	2.3	1.7
GTI	1.1	2.0
NSIGT	1.7	1.2
BMCT	3.9	4.2


Container Handled: Day wise (Feb'21)



Container Lifecycle (Import Cycle)



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

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

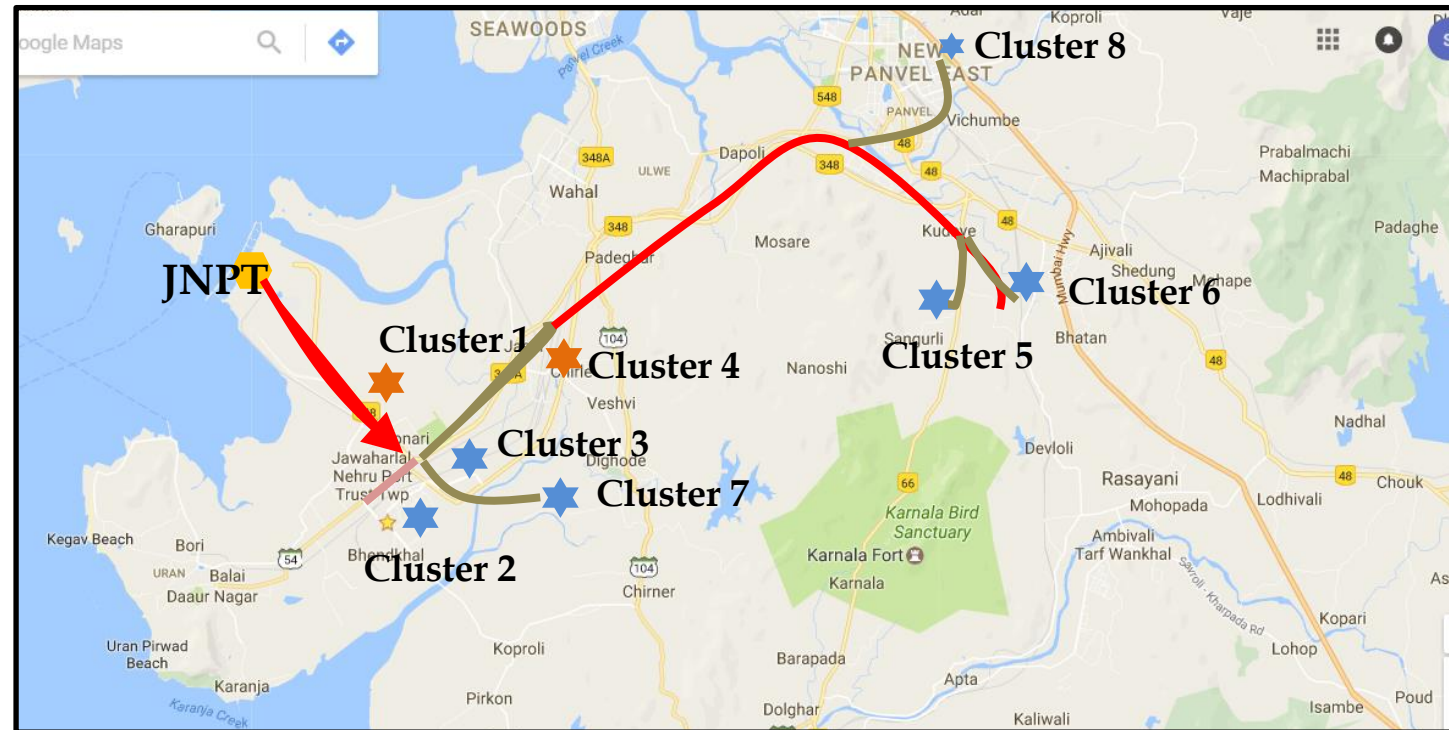
Container Lifecycle (Export Cycle)

IMPORT CYCLE DWELL TIME (Feb'21- in hrs)			Compared to Jan'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	22.1	13% ↑
	Port Dwell Time for Truck Bound Containers	21.0	11% ↑
	Port Dwell time for Train Bound Containers	55.6	62% ↑
TRANSIT TIME	Port to ICD	75.0	0.3% ↑
	Port to CFS	1.0	6% ↑

EXPORT CYCLE DWELL TIME (Feb'21- in hrs)			Compared to Jan'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	133.8	0.4% ↑
	Port Dwell Time for Truck Bound Containers	133.1	0.7% ↓
	Port Dwell time for Train Bound Containers	136.1	4% ↑
TRANSIT TIME	ICD to Port	74.3	6% ↑
	CFS to Port	1.08	4% ↑

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

JNPT - Import - Feb'21



Legends

- High Congestion
- Medium Congestion
- Low Congestion
- Cluster with bottleneck
- Cluster without bottleneck

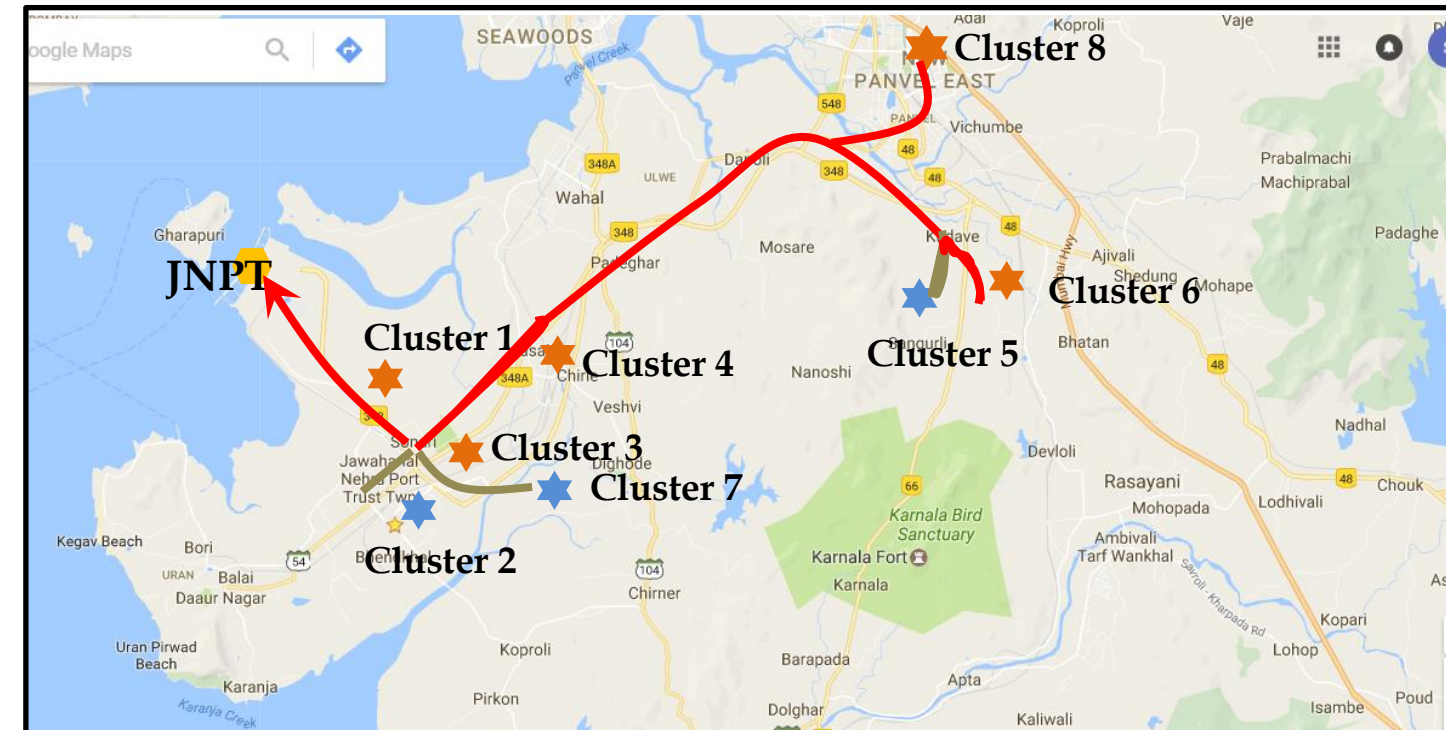
Clusters with bottleneck

CLUSTER 1	JNPT Area
CLUSTER 4	Chirle area , JNPT road

Clusters without bottleneck

CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari 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 - Feb'21



Clusters with bottleneck

CLUSTER 1	JNPT Area
CLUSTER 3	Sonari area,JNPT road
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 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

Import Cycle

Mode	ICP Raxaul	ICP Jogbani
Overall	90.4 hrs	114.2 hrs
Road	136.7 hrs	114.2 hrs
Rail	73.9 hrs	-



Export Cycle

Kolkata Port Terminal

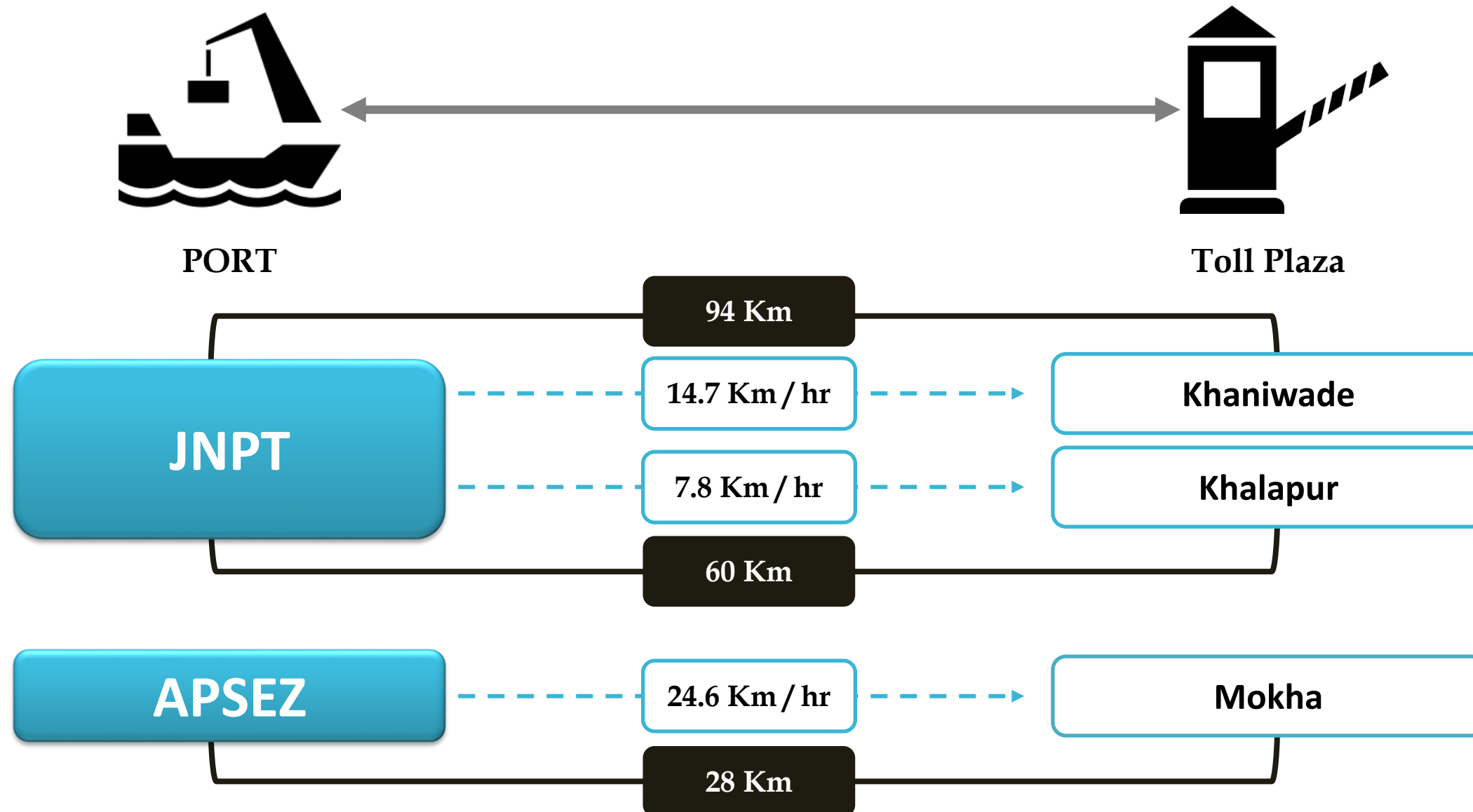
Mode	ICP Raxaul	ICP Jogbani
Overall	576.6 hrs	267.2 hrs
Road	315.2 hrs	267.2 hrs
Rail	636.9 hrs	-

Haldia Port Terminal

Mode	ICP Raxaul	ICP Jogbani
Overall	546.7 hrs	347.5 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)		
				Dec'20	Jan'21	Feb'21
Western	Hazira	Boriach	77	7.9	13.5	9.4
Eastern	KOPT(Kolkata)	Dankuni	24	2.7	2.6	1.9
	HICT(Haldia)	Debra	100	7.2	6.2	4.4
		Jaladhulagori	101	7.1	8.5	8.8
Southern	Kochi	Kumbalam	13	2.1	2.8	1.9
		GIPL Palayekara	71	8.7	8.9	8.7
	NMPT (New Manglore)	Brahamarakotlu	25	12.0	8.9	3.3
		Talapady	22.5	1.3	1.3	1.3
		Gundmi	68	6.8	5.9	4.8
	Tuticron	VoCPT CheckPost1	4.3	13.7	13.0	12.9

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

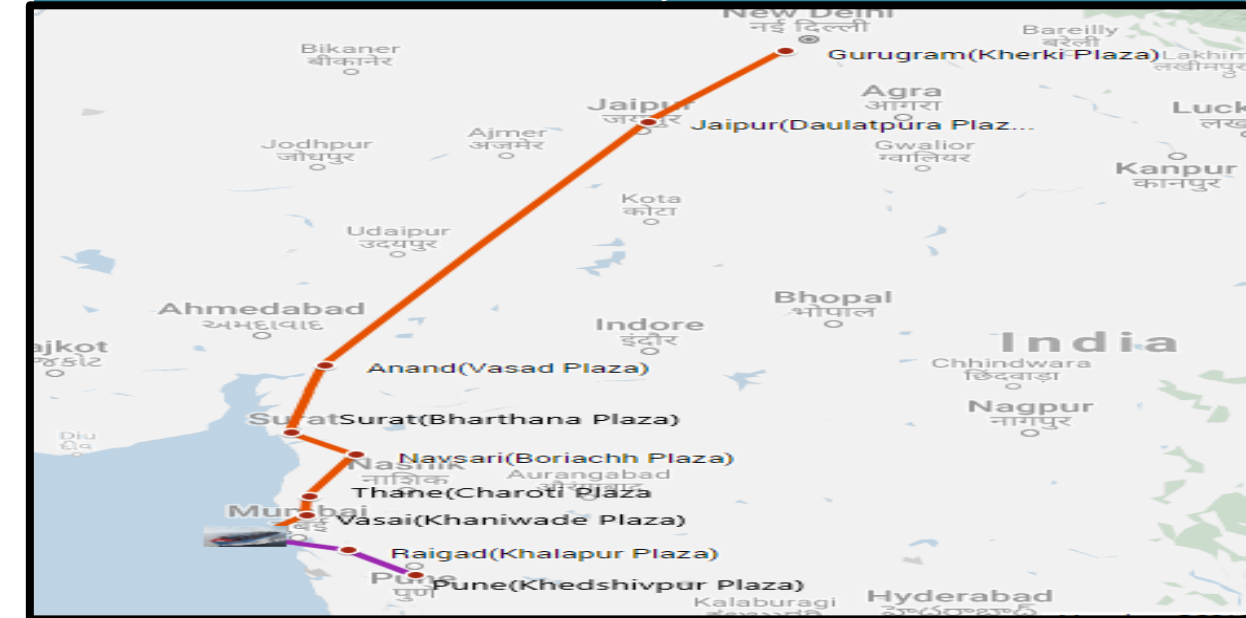
The analysis is based on the container travelling direct from port to toll, i.e. defined by the containers travelling from port to corresponding toll plaza with 2 days

Western Corridor Toll Plaza Analysis

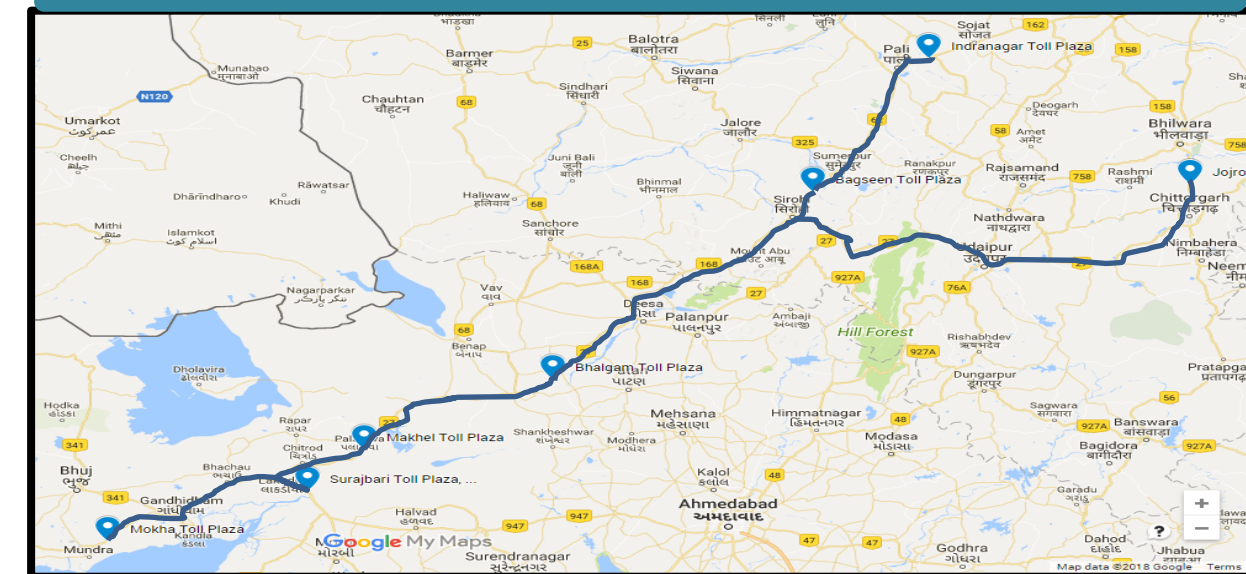
Avg. Speed between Toll to Toll Plazas

	Source	Destination Toll Plaza	Inter Distance (Km)	Jan'21 (in km/hrs)	Feb'21 (in km/hrs)
JNPT	JNPT	Khaniwade	94	14.3	14.7
	JNPT	Khalapur	60	13.3	7.8
	Khaniwade	Charoti	50	36.8	37.2
	Charoti	Boriach	126	29.4	29.6
	Boriach	Bharthan	142	32.1	33.0
	Bharthan	Vasad	60	39.3	38.8
	Khalalpur	Khedshivpur	105	35.3	33.8
	Daulatpura	Kherki	199	8.8	16.6
APSEZ	APSEZ	Mokha	28	24.7	24.6
	Mokha	Makhel	150	23.0	23.7
	Mokha	Surajbari	115	26.5	25.8
	Makhel	Bhalgam	108	36.2	37.7

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

List of CFS name used in CFS Performance Index

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

List of ICD name used in ICD Performance Index

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

List of CFS name used in Southern CFS Performance Index

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

List of CFS name used in Eastern CFS Performance Index

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



THANK YOU