

Logistics Databank Analytics Report- November 2020



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: November 2020 (Dwell Time)

Gujarat Region

Import	Export
24.1 hrs	129.4 hrs

Mumbai Region

Import	Export
21.2 hrs	75.3 hrs

Kochi Region

Import	Export
45.2 hrs	112.1 hrs

Tuticorin Region

Import	Export
18.1 hrs	111.5 hrs

Kolkata Region

Import	Export
35.9 hrs	174.7 hrs

Vishakhapatnam Region

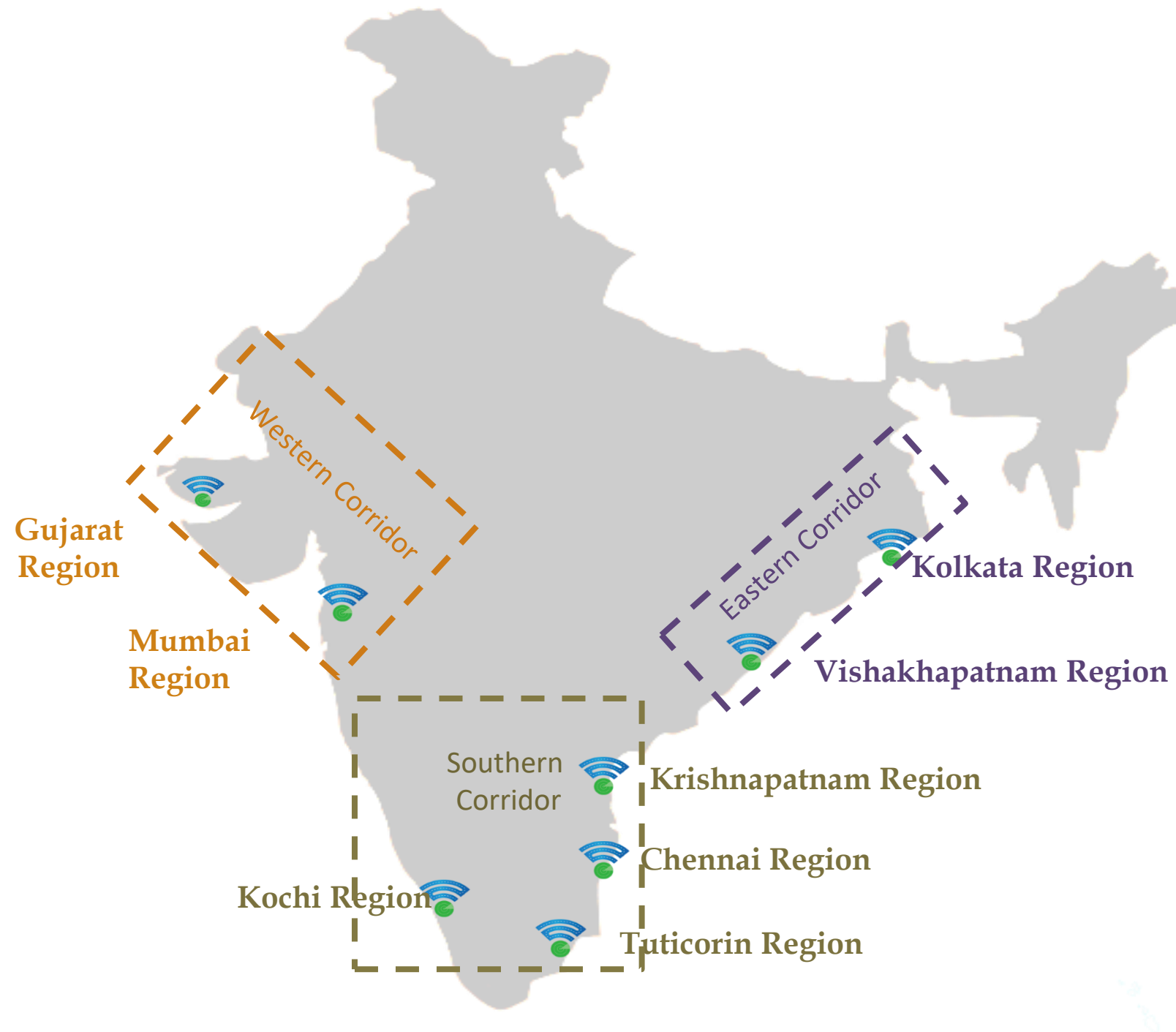
Import	Export
56.2 hrs	119.1 hrs

Krishnapatnam Region

Import	Export
88.9 hrs	72.7 hrs

Chennai Region

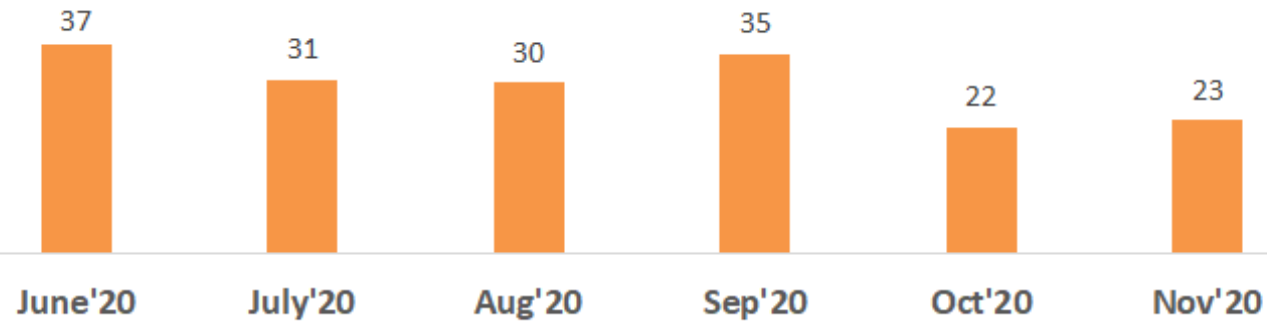
Import	Export
47.0 hrs	103.8 hrs



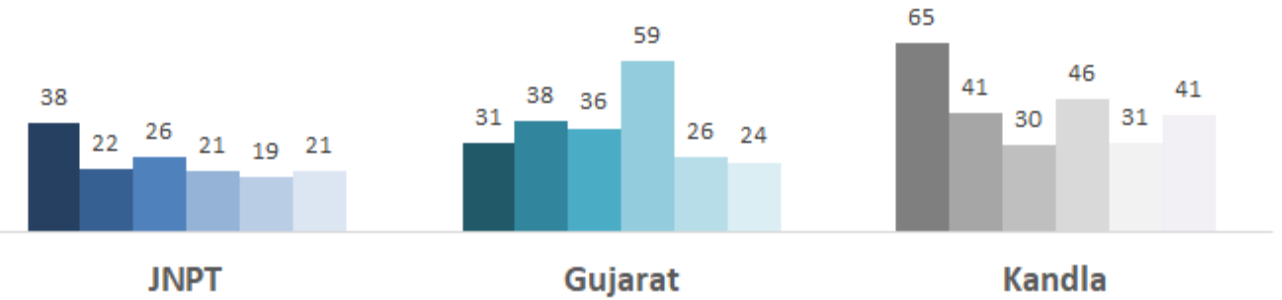
Port Dwell Time Performance – Western Corridor (Import Cycle)

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

Western Corridor

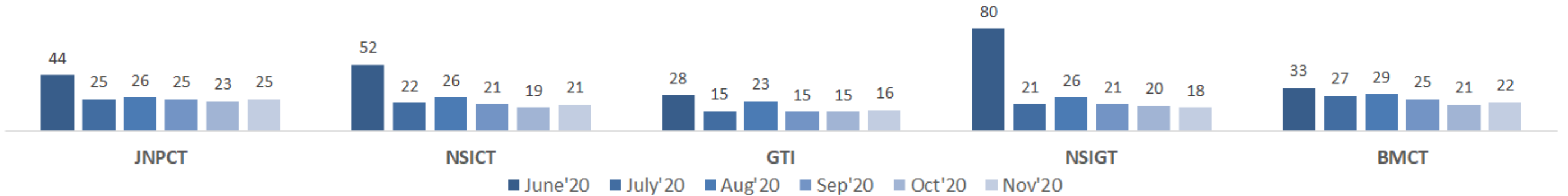


Port - Wise

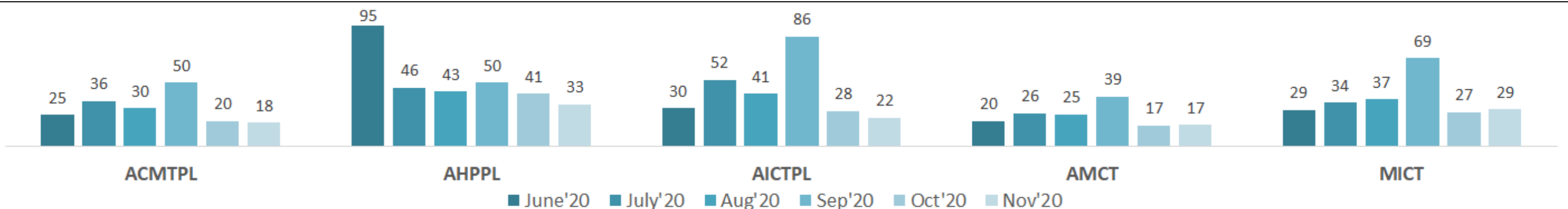


Above chart depicts the Ports performance for the duration of last six months

JNPT - Terminal



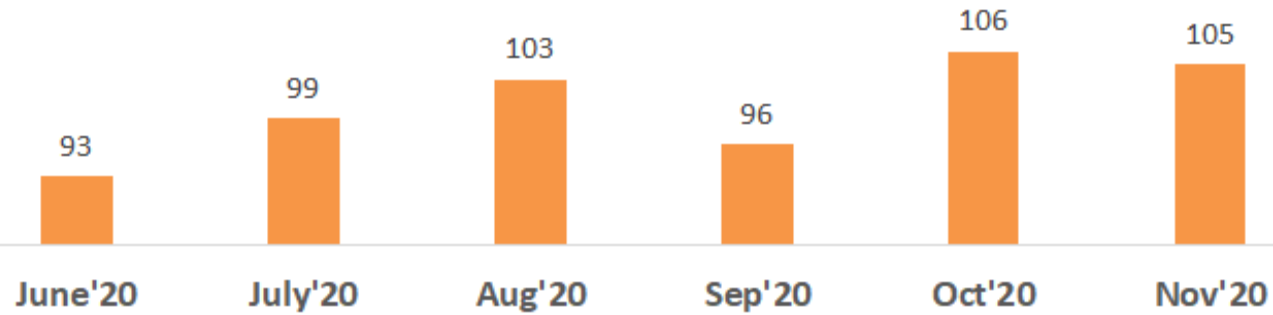
Gujarat - Terminal



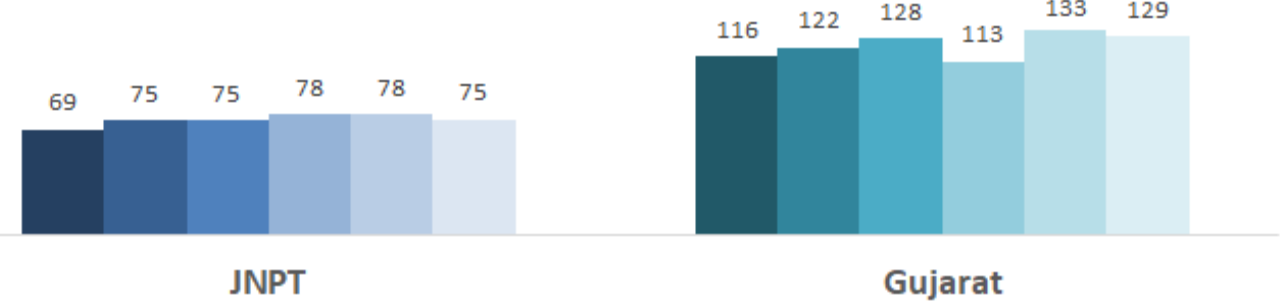
Port Dwell Time Performance – Western Corridor (Export Cycle)

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

Western Corridor

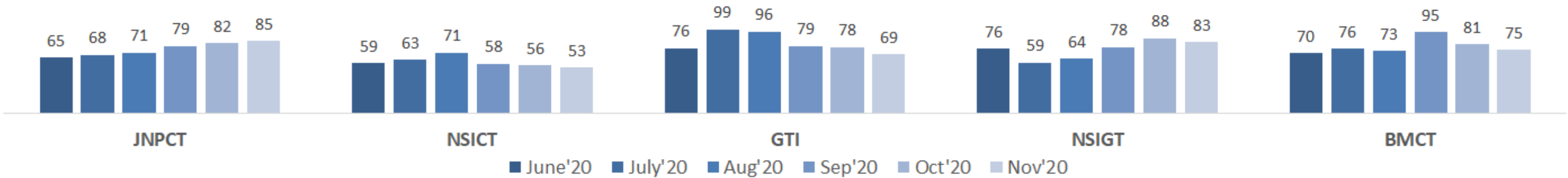


Port - Wise

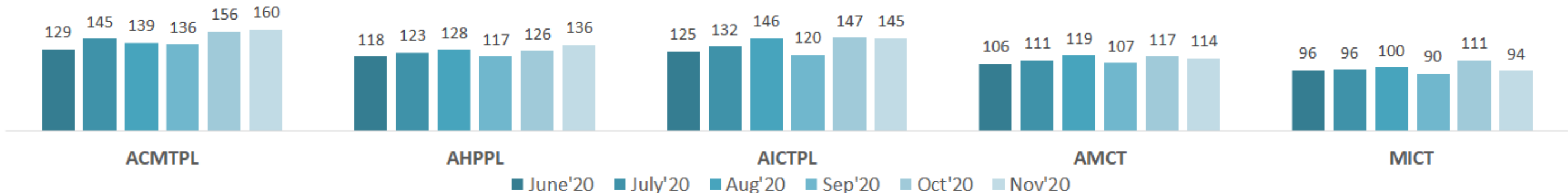


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JNPT - Terminal



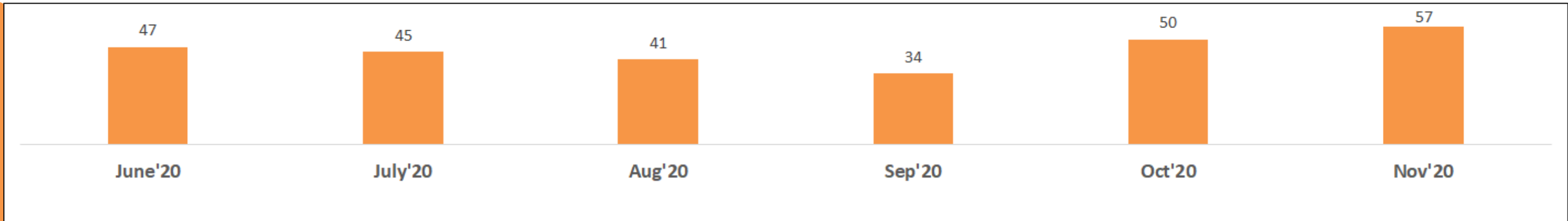
Gujarat - Terminal



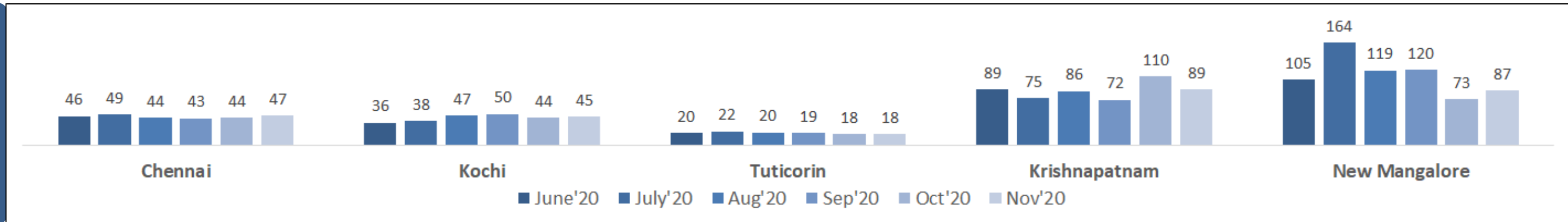
Port Dwell Time Performance – Southern Corridor (Import Cycle)

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

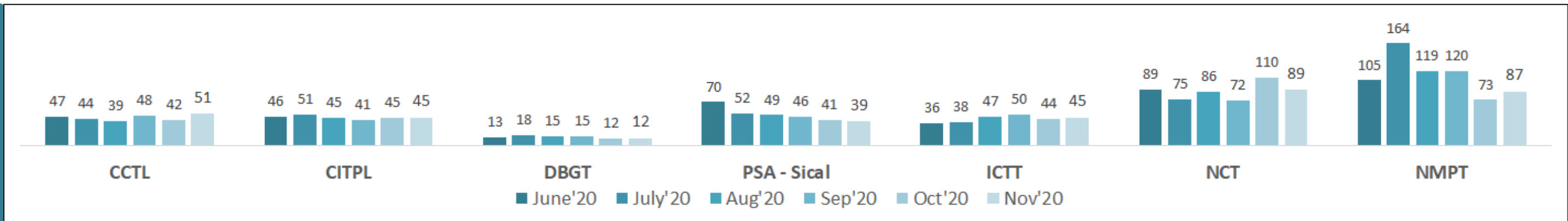
Southern Corridor



Port - Wise



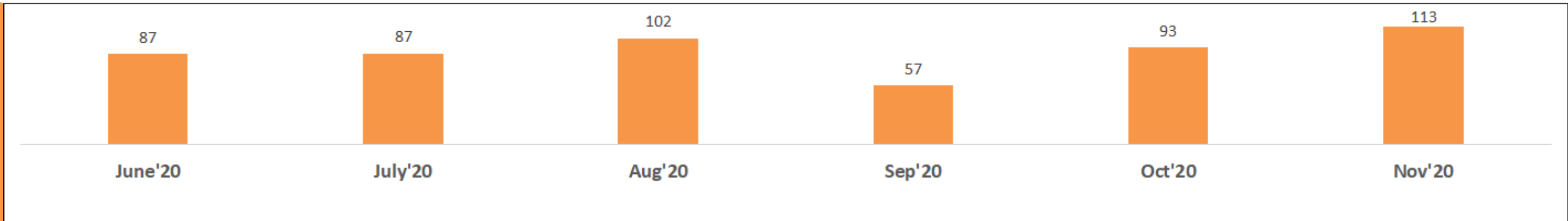
Terminal - Wise



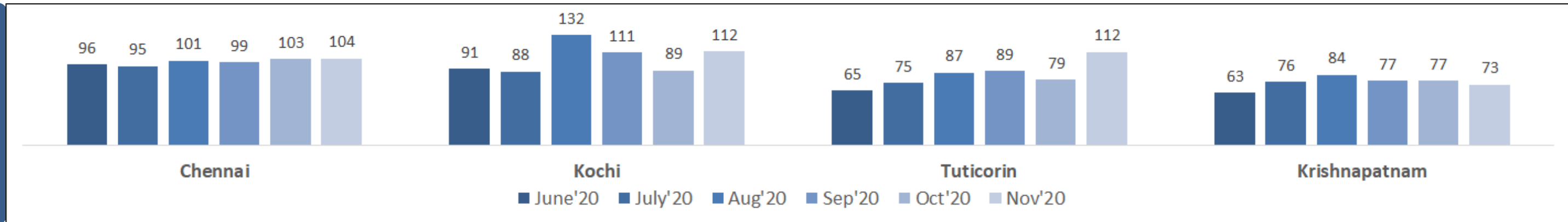
Port Dwell Time Performance – Southern Corridor (Export Cycle)

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

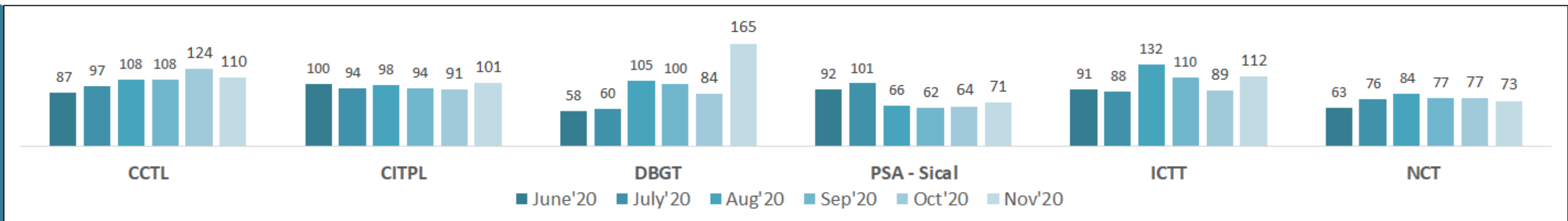
Southern Corridor



Port - Wise



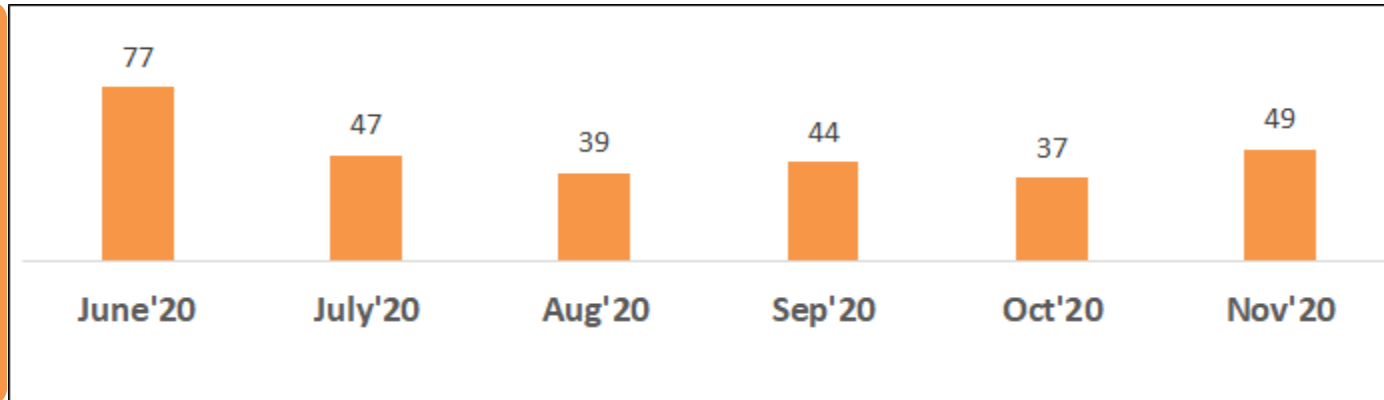
Terminal - Wise



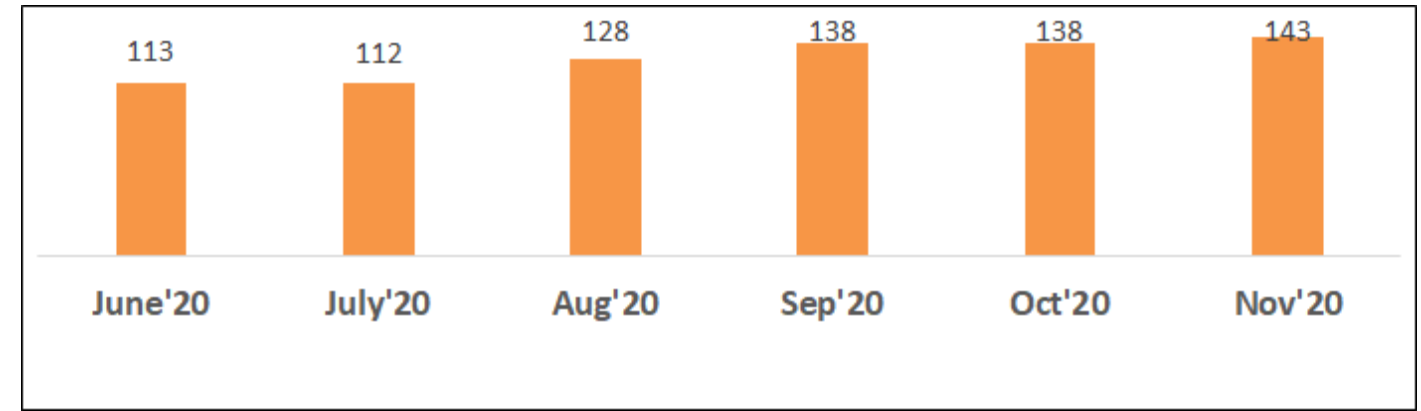
Port Dwell Time Performance – Eastern Corridor

Import Cycle (in hrs)

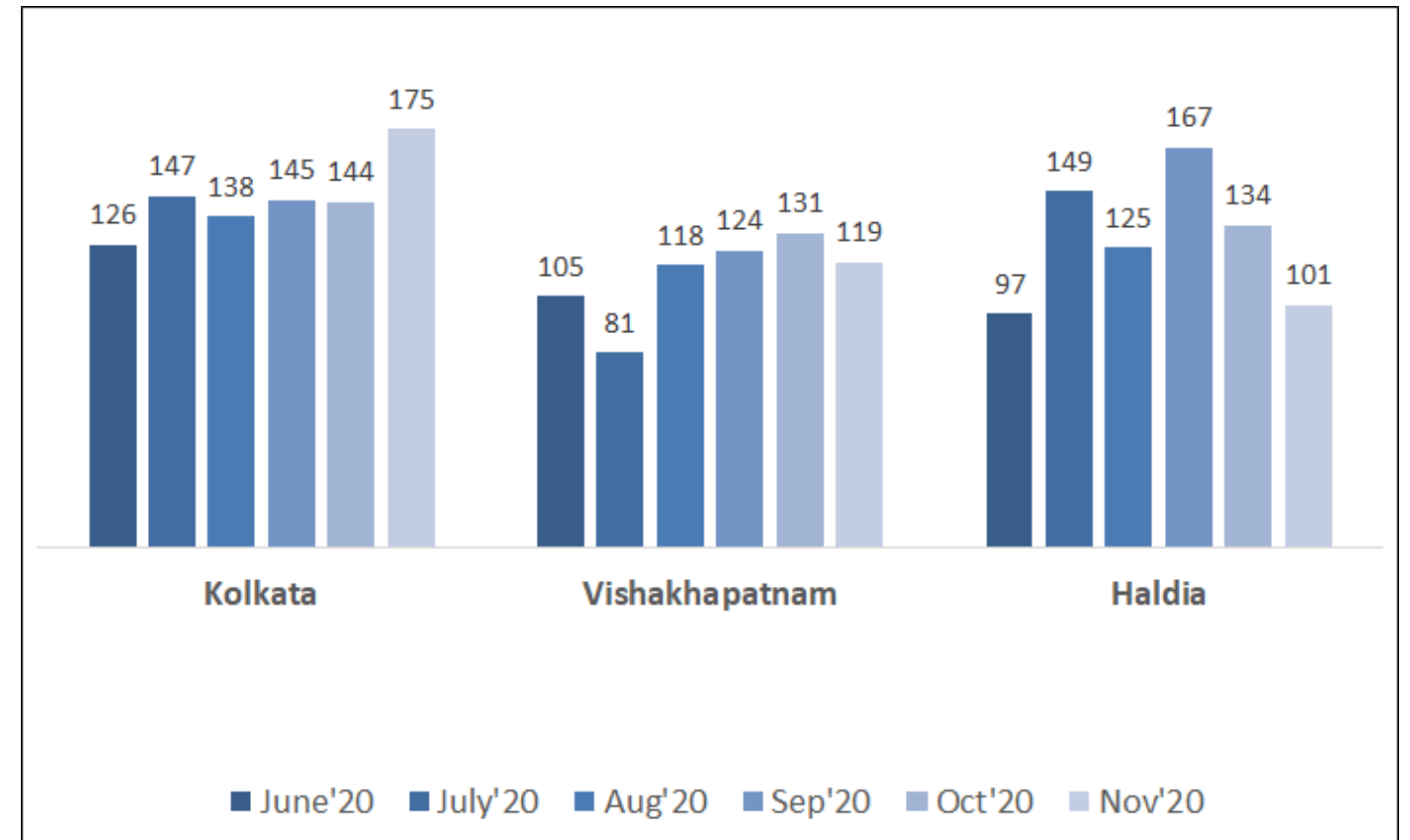
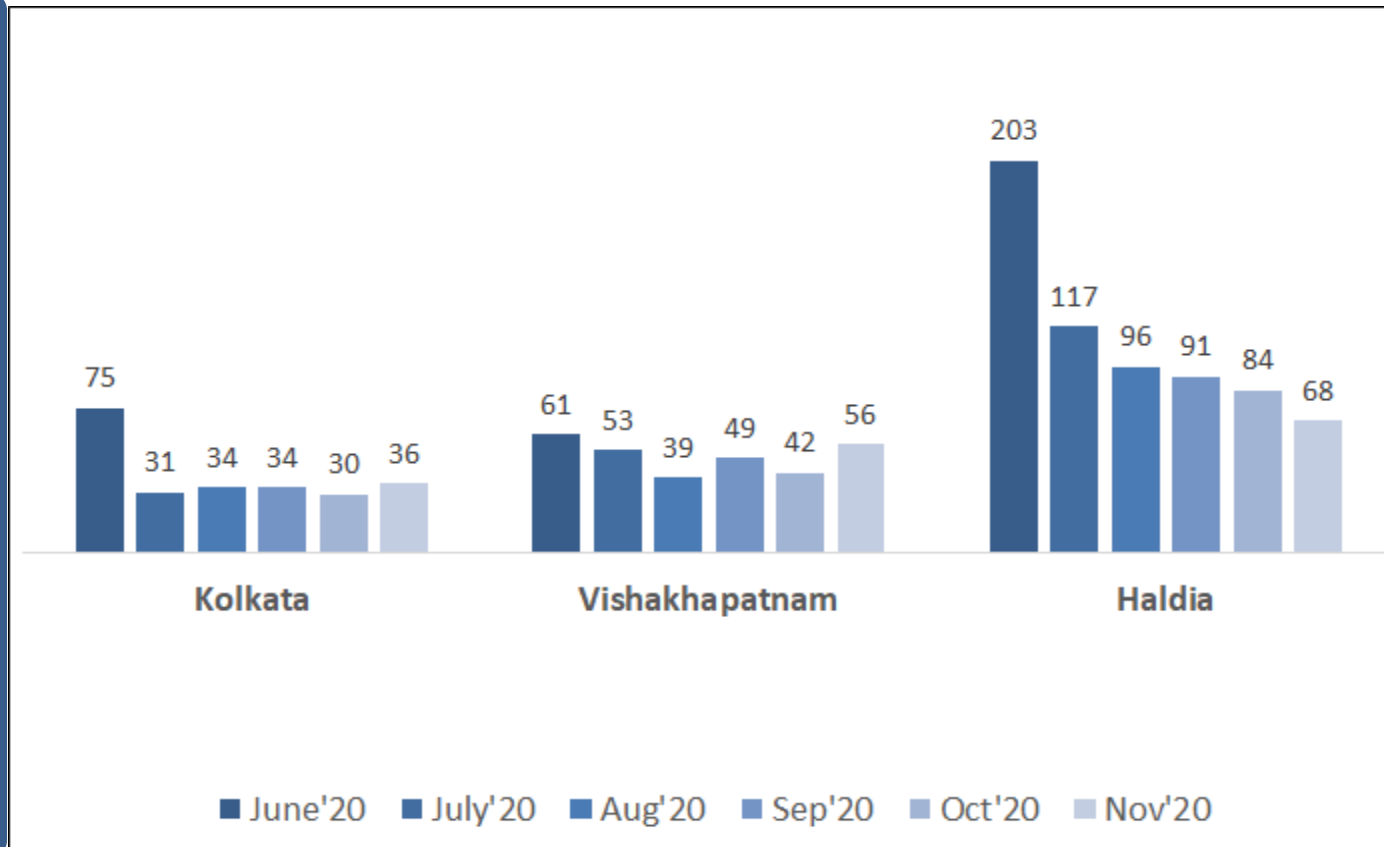
Eastern Corridor



Export Cycle (in hrs)







Port - Wise



Western Corridor

- The Overall container handling performance in Western Corridor in import cycle has deteriorated by 7% whereas in export cycle it has improved by 1%
- The container handling performance at CFS has deteriorated by 0.1%. Also, ICD performance has deteriorated by 9%.

Month	Import cycle - Dwell Time	Export cycle - Dwell Time	CFS Dwell Time	ICD Dwell Time
Nov'20	23.5 hrs 	104.7 hrs 	89.2 hrs 	123.6 hrs 
Oct'20	22.0 hrs	106.0 hrs	88.9 hrs	113.2 hrs

Southern Corridor

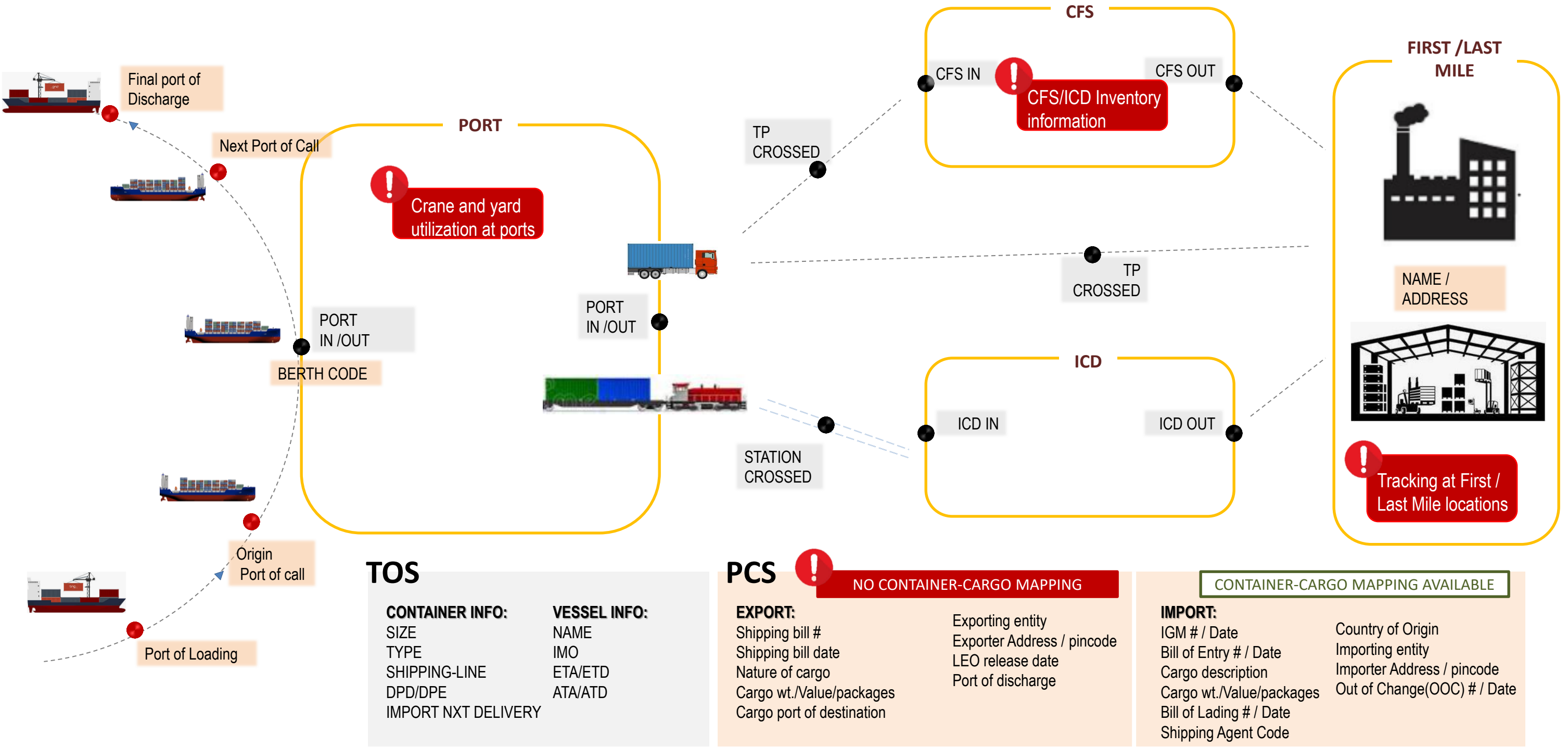
- The Overall container handling performance in Southern Corridor in both Import Cycle & Export cycle has deteriorated by 13% & 11%
- The container handling performance at CFS has improved by 3%

Month	Import cycle - Dwell Time	Export cycle - Dwell Time	CFS Dwell Time
Nov'20	56.5 hrs 	103.2 hrs 	102.9 hrs 
Oct'20	50.0 hrs	93.0 hrs	105.6 hrs

Eastern Corridor

- The Overall container handling performance in Eastern Corridor in both Import Cycle & Export Cycle has deteriorated by 33% & 3% respectively.
- The container handling performance at CFS has deteriorated by 10%

Month	Import Cycle - Dwell Time	Export Cycle - Dwell Time	CFS Dwell Time
Nov'20	49.3 hrs 	142.5 hrs 	141.7 hrs 
Oct'20	37.1 hrs	137.9 hrs	128.9 hrs



LDB analysis:

- Port / CFS / ICD Performance
- Performance benchmarking
- Container Movement Insights
- Congestion Analysis
- Impact Analysis



Advancement through PCS Data set:

- Average Custom clearance time
- Impact of Custom Clearance Time on Port operations (congestion gate & parking plaza)
- Impact of custom clearance on Port/CFS/ICD dwell time
- Average Clearance time based on cargo type
- Port's handling based on cargo type
- Port's hinterland coverage in based on Import/Export/Cargo type
- Vessel turn around time analysis
- Heat maps:
 - Origin/destination vis-a-vis Import/export
 - Cargo Type vis-a-vis Origin/destination

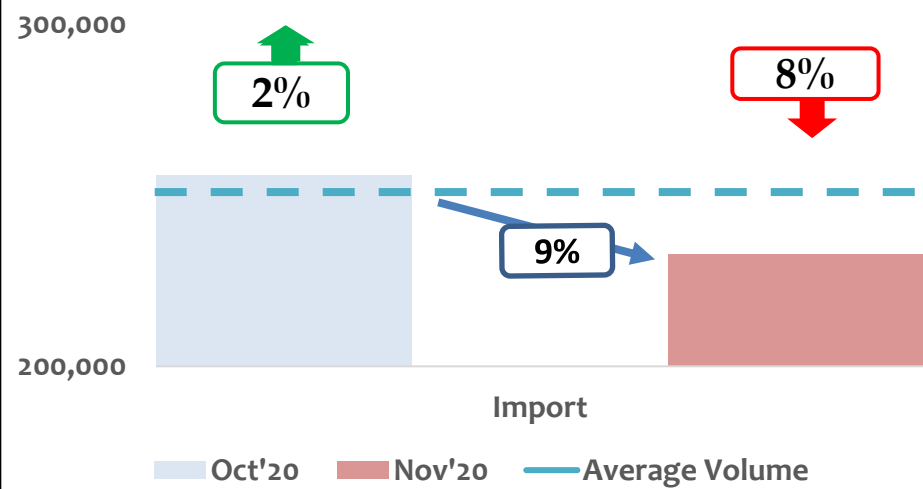
STATUS:

1. Integration between LDB and PCS successfully completed
2. Go-Live with real-time transaction already starts from last week of Nov.

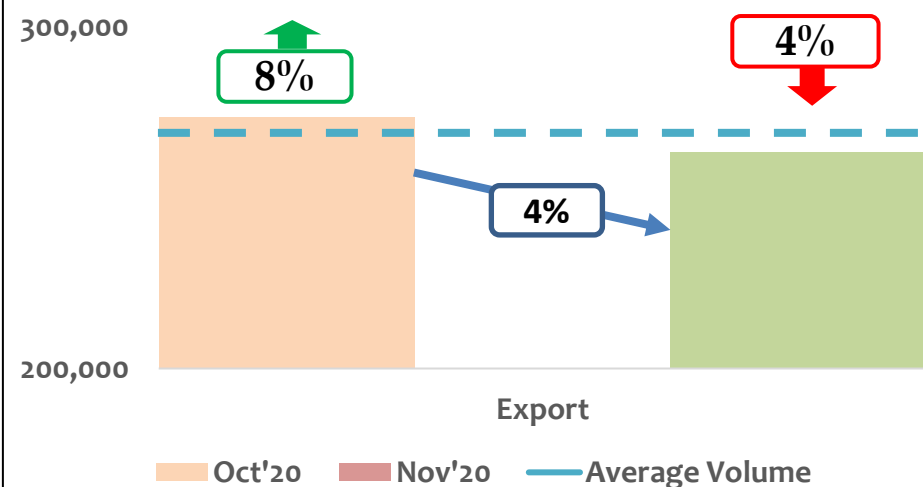
Below graphs depicts the change in volume percentage during the month of Nov'20 w.r.t the last month i.e., Oct'20 (during Covid 19) and the average EXIM corridor wise volume

Western Corridor

Import Cycle

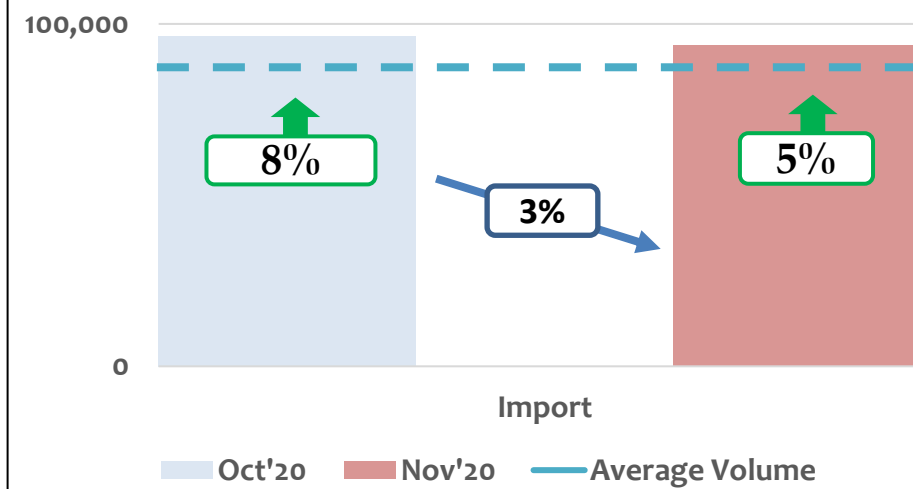


Export Cycle

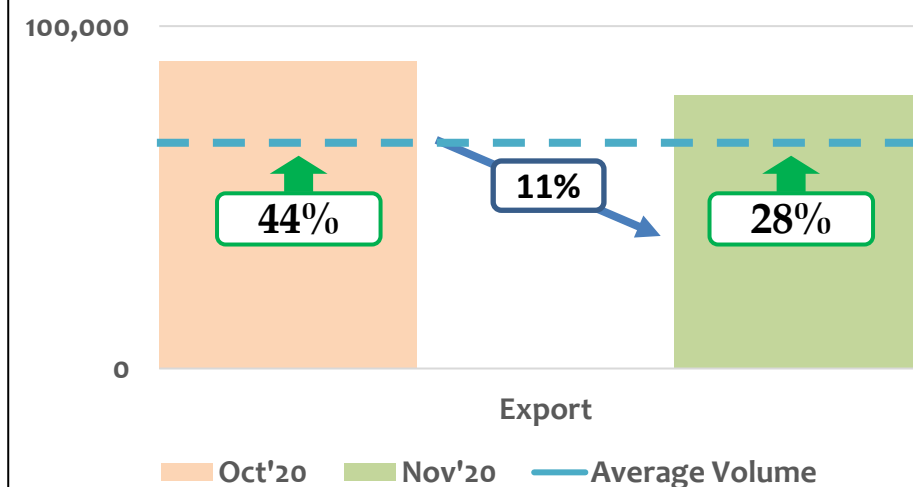


Southern Corridor

Import Cycle

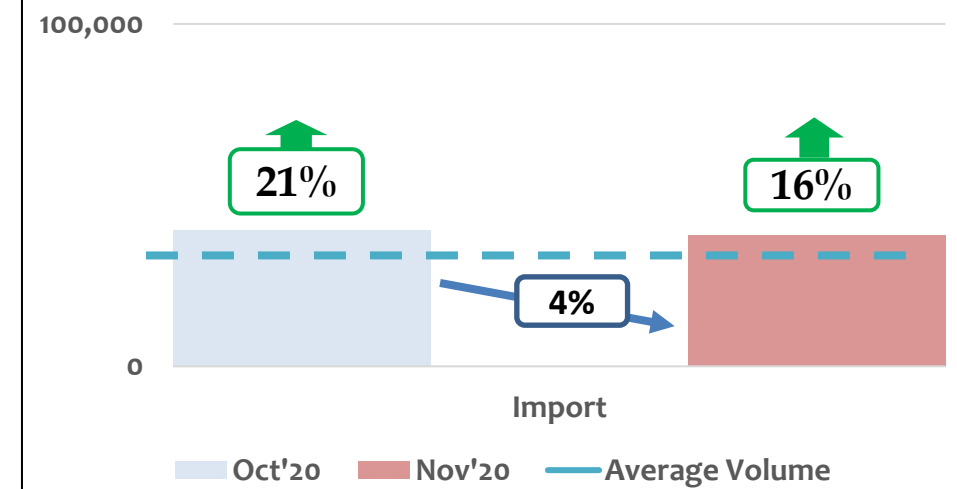


Export Cycle

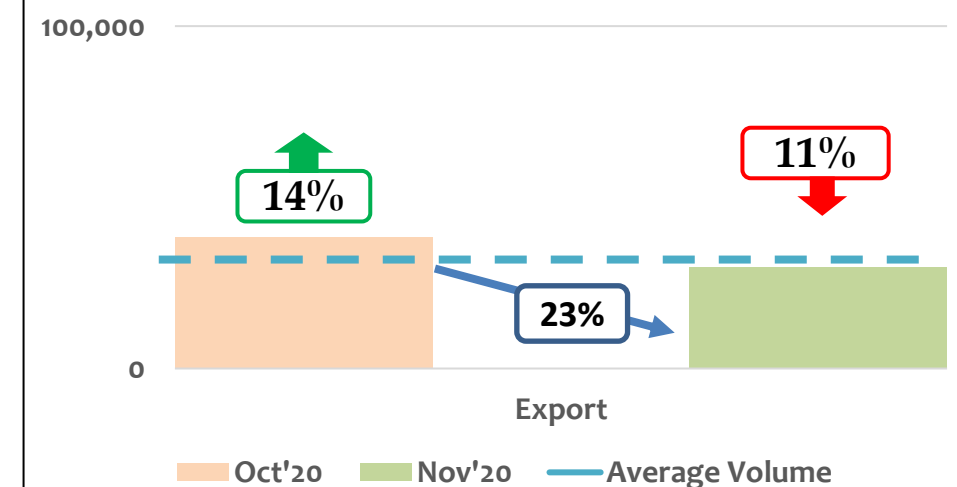


Eastern Corridor

Import Cycle



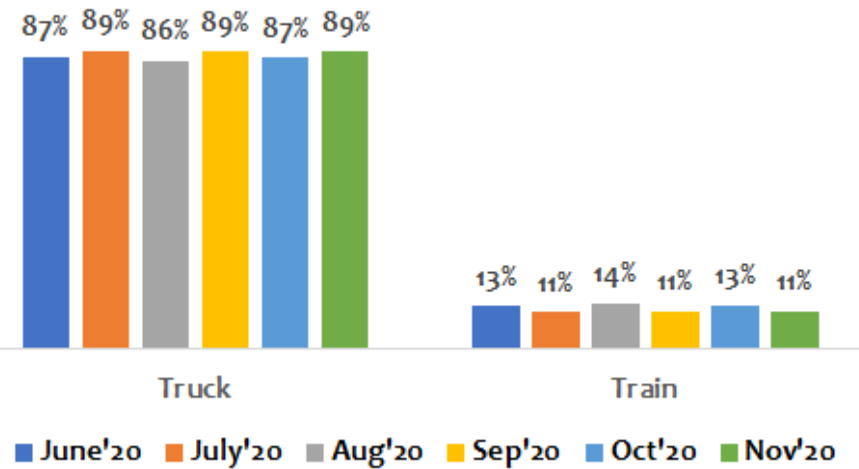
Export Cycle



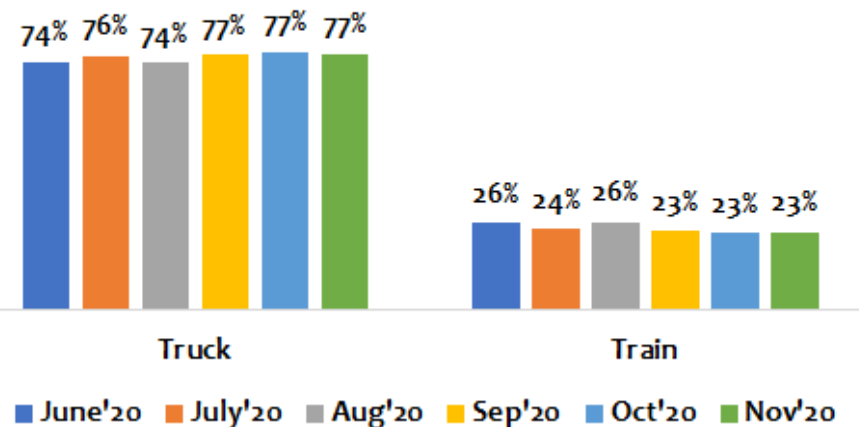
Below table depicts the volume % share of Truck & Train and impact of Covid-19 on the Traffic movements and the difficulty of road movements during the lockdown

Western Corridor

Import Cycle

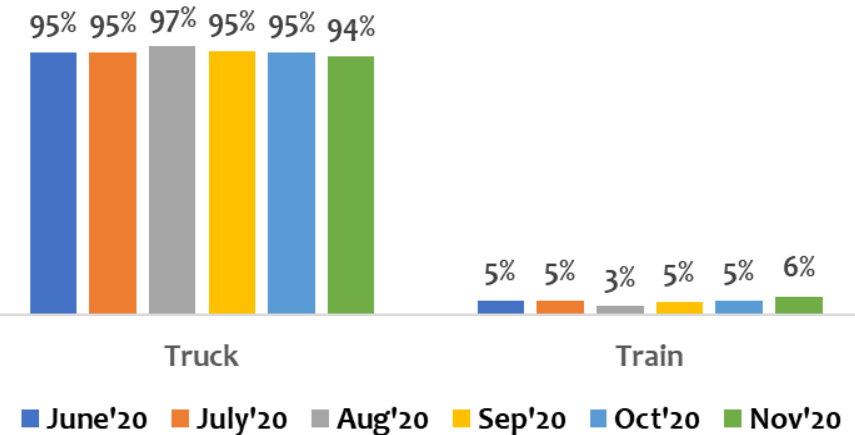


Export Cycle

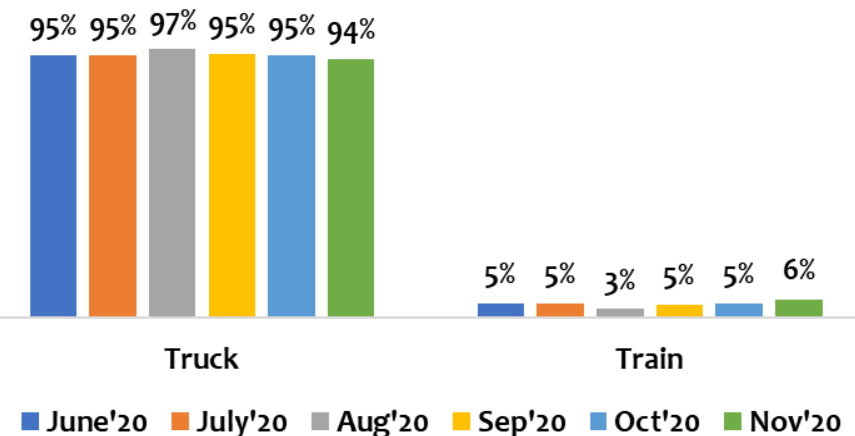


Southern Corridor

Import Cycle

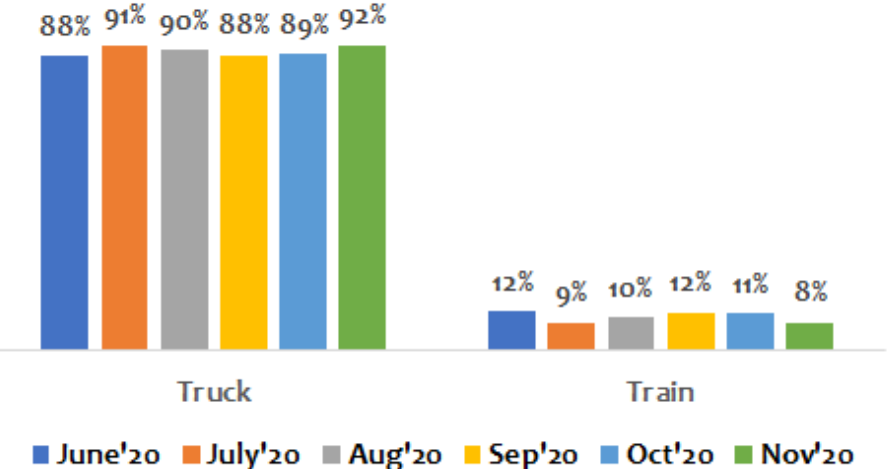


Export Cycle

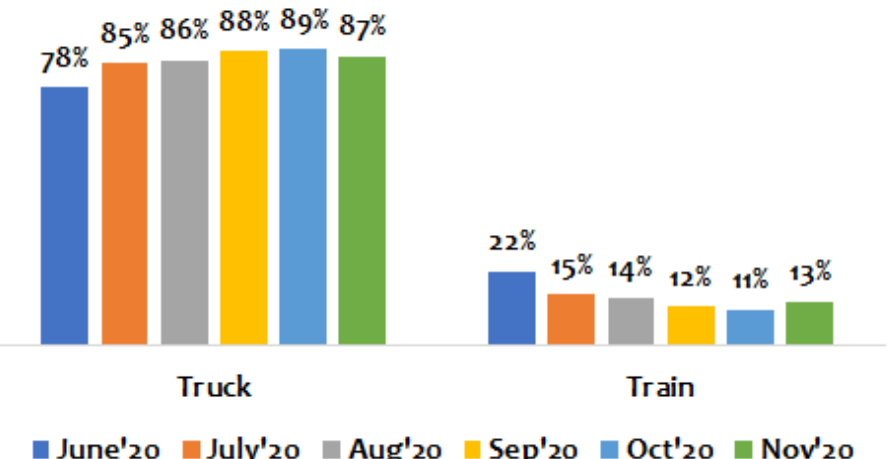


Eastern Corridor

Import Cycle



Export Cycle

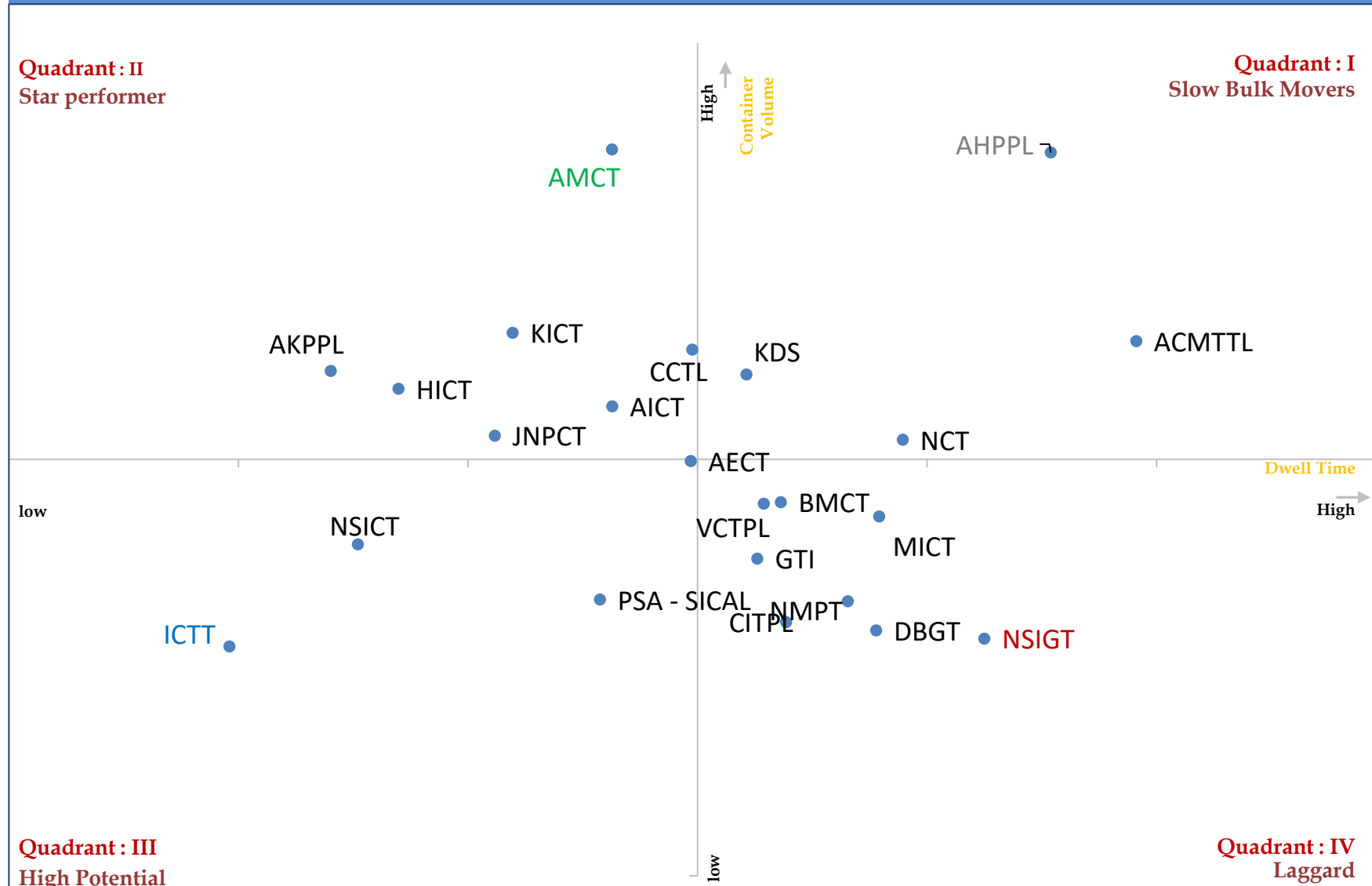




Performance Benchmarking - Port Terminals

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

Port Terminal Performance Index - Nov'20



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

Top Performing Terminal

Adani Mundra Container Terminal (AMCT)

Oct'20	Nov'20
67.85 Hrs	57.0 Hrs. ↑

Low Performing Terminal

Nhava Sheva India Gateway Terminal (NSIGT)

Oct'20	Nov'20
53.57 Hrs	47.73 Hrs ↑

Note: The performance benchmarking is based on performance index



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

Performance Index- Summary

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

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

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

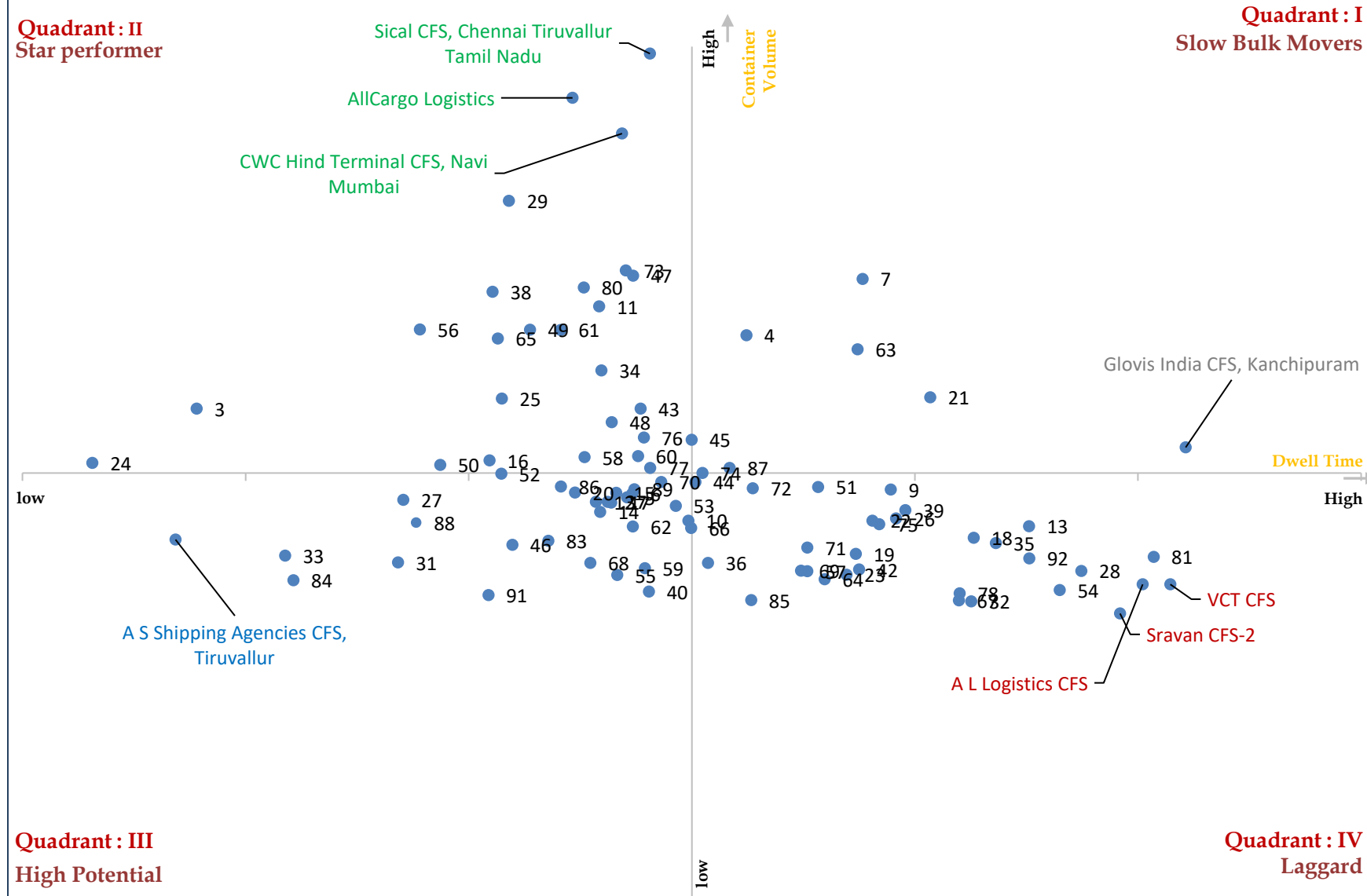
High Potential : consist of entities which have catered relatively lower container volume in lower dwell time

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

Performance Benchmarking - CFSs

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

CFS Terminal Performance Index - Nov'20



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

Top Three Performing CFSs

CFS Name	Oct'20	Nov'20
CWC Hind Terminal CFS, Navi Mumbai	97.5 hrs	95.8 hrs
All Cargo Logistics	81.7 hrs	88.6 hrs
Sical CFS, Chennai Tiruvallur Tamil Nadu	108.8 hrs	99.8 hrs

Bottom Three Performing CFSs

CFS Name	Oct'20	Nov'20
Sravan CFS-2	150.2 hrs	167.8 hrs
VCT CFS	156.7 hrs	175.1 hrs
A L Logistics CFS	136.2 hrs	171.1 hrs

Note: The performance benchmarking is based on performance index



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

IMPORT

Port Dwell Time

Mode	Oct'20 (in hrs)	Nov'20 (in hrs)
Overall	22.0	23.5
Truck	20.5	22.1
Train	49.3	45.7

EXPORT

Mode	Oct'20 (in hrs)	Nov'20 (in hrs)
Overall	106	104.7
Truck	103.2	103.1
Train	121.2	112.6

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



Inland
Container
Depot (ICD)



Container
Freight
Stations (CFS)

Entity	Oct'20 (in hrs)	Nov'20 (in hrs)
CFS	88.9	89.2
ICD	113.2	123.6

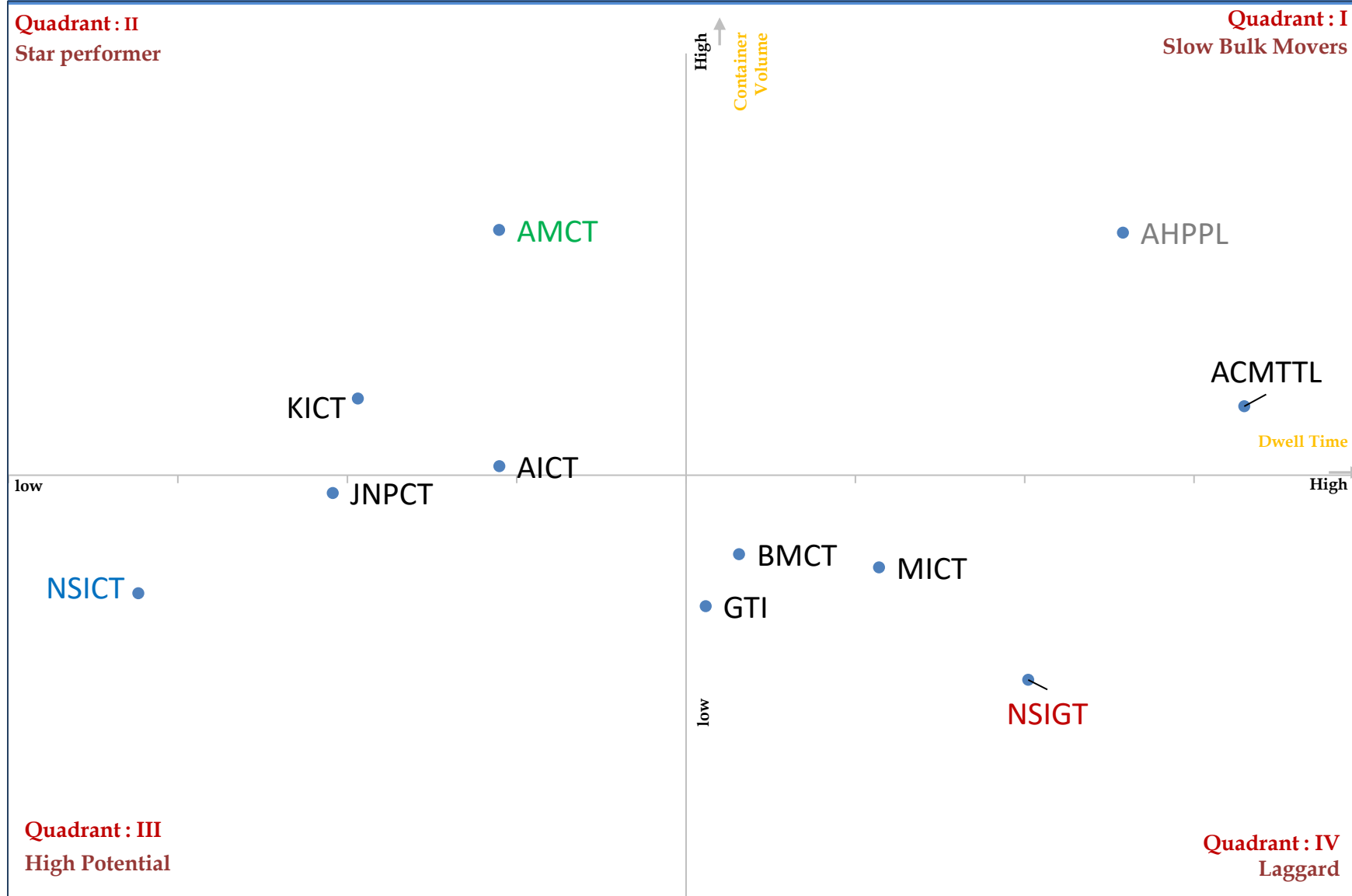
- The marked entries showcase increase in performance in comparison to Oct'20
- The marked entries showcase decrease in performance in comparison to Oct'20



Performance Benchmarking - Port Terminals

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

Port Terminal Performance Index - Nov'2020



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

Top Performing Terminal

Adani Mundra Container Terminal (AMCT)

Oct'20	Nov'20
67.85 Hrs	57.0 Hrs. ↑

Low Performing Terminal

Nhava Sheva India Gateway Terminal (NSIGT)

Oct'20	Nov'20
53.57 Hrs	47.73 Hrs ↑

Note: The performance benchmarking is based on performance index



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Performance Index- Summary

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

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

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



CFS



Performance Benchmarking



ICD

Top Performing CFS

Adani CFS Eximyard, Mundra

Oct'20

40.2 hrs

Nov'20

34.2 hrs



Low Performing CFS

Take Care Logistics CFS

Oct'20

100.8 hrs.

Nov'20

114.4 hrs.



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

Performance Index: Western Corridor CFS



Top Performing ICD

Albatross Inland Ports ICD, Dadri

Oct'20

92.4 hrs

Nov'20

122.9 hrs



Low Performing ICD

GatewayRail Freight ICD, Pyala

Oct'20

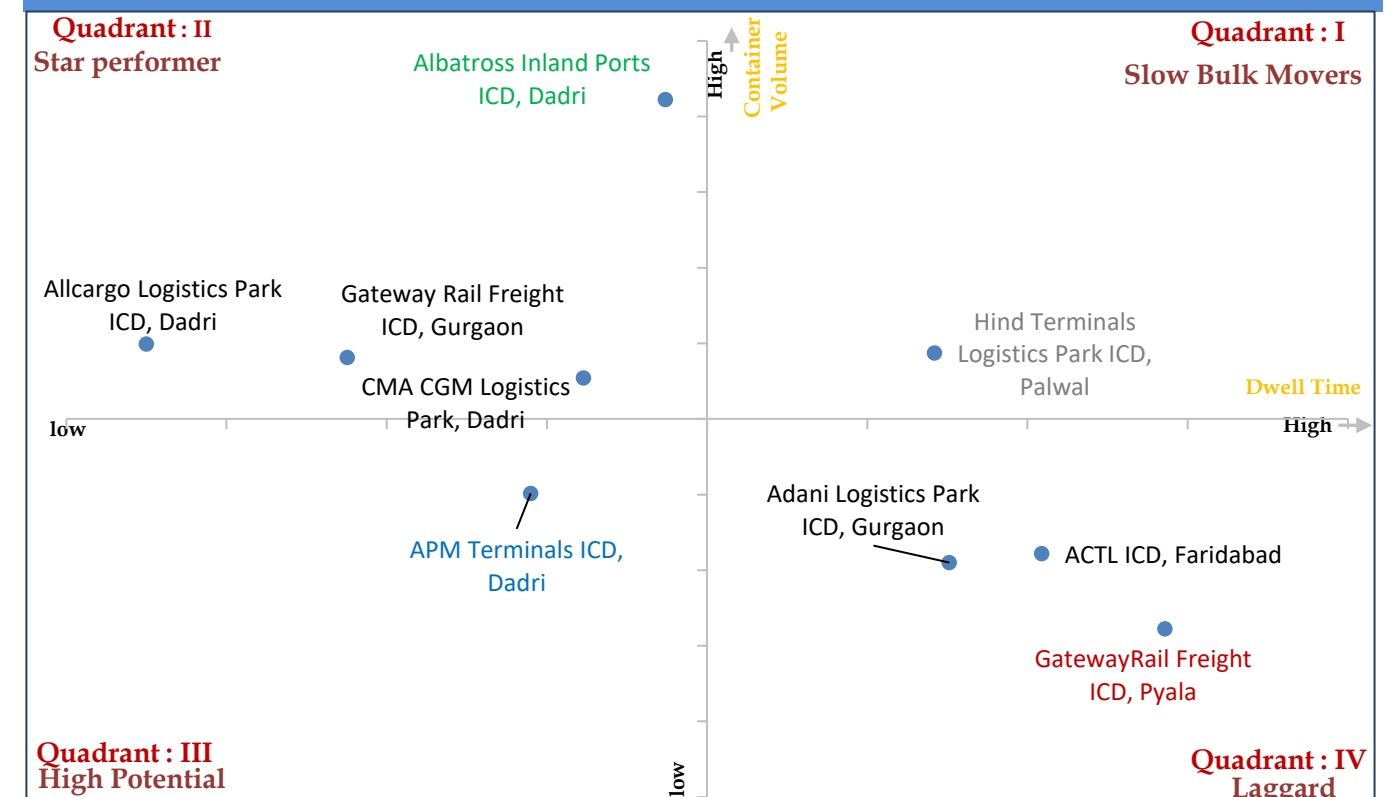
105.7 hrs

Nov'20

148.5 hrs



Performance Index: ICD



Kindly refer to Annexure section for the names of CFS

IMPORT

Port Dwell Time

Mode	Oct'20 (in hrs)	Nov'20 (in hrs)
Overall	50	56.51
Truck	44.2	72.5

EXPORT


Mode	Oct'20 (in hrs)	Nov'20 (in hrs)
Overall	93	112.8
Truck	78.75	103.3
Train	109.77	100.9


Container Freight Stations(CFS)- Dwell Time



Container
Freight
Stations

Entity	Oct'20 (in hrs)	Nov'20 (in hrs)
CFS	105.6	102.9

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

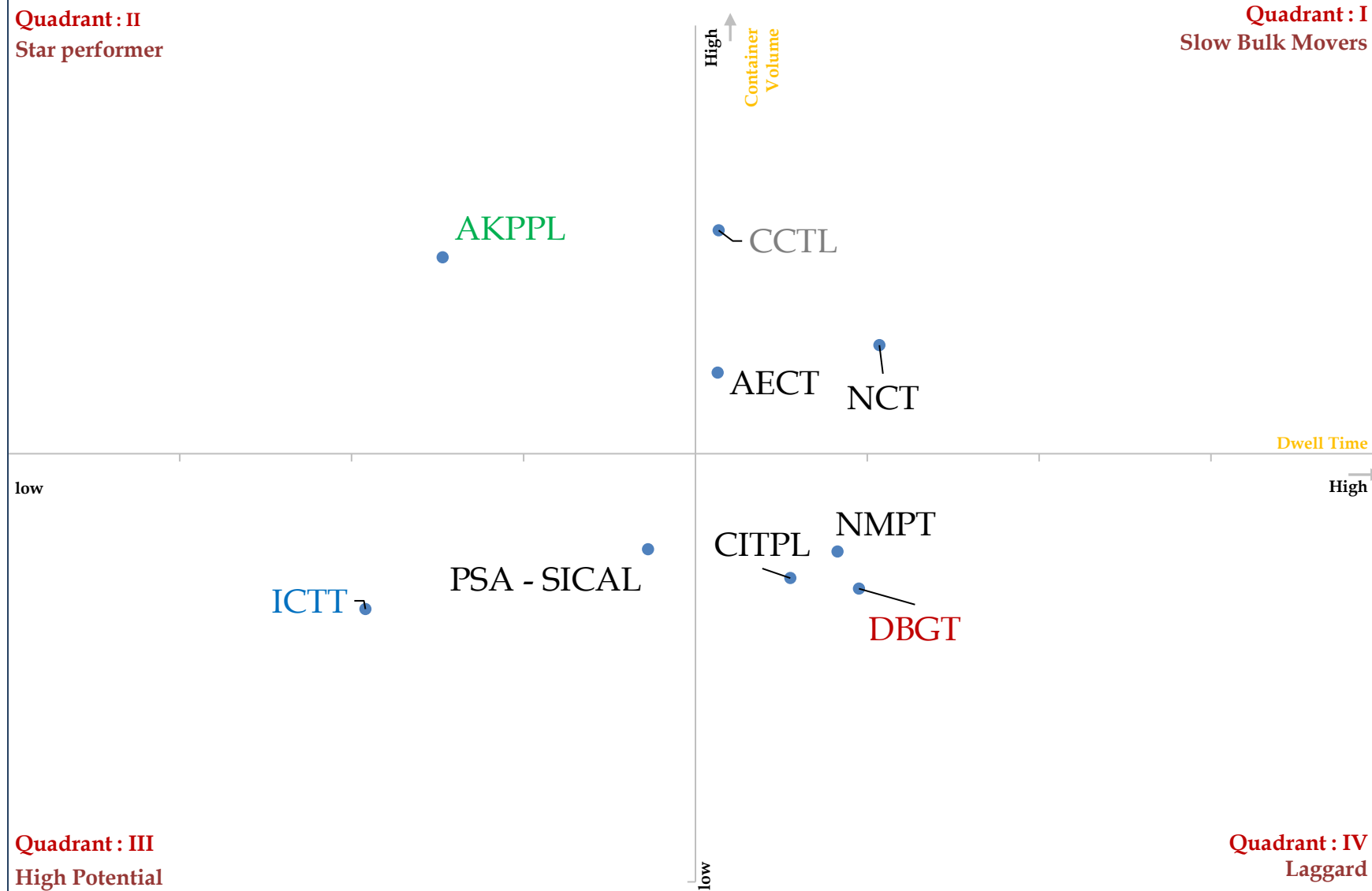
 The marked entries showcase decrease in performance in comparison to Oct'20



Performance Benchmarking - Port Terminals

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

Southern Corridor Port Terminal Performance Index - Nov'20



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

Top Performing Terminal

Kattupalli International Container Terminal (AKPPL)

Oct'20

Nov'20

77.53 hrs

84.5 hrs ↓

Low Performing Terminal

Dakshin Bharat Gateway Terminal (DBGT)

Oct'20

Nov'20

33.03 hrs

30.8 hrs ↑

Note: The performance benchmarking is based on performance index



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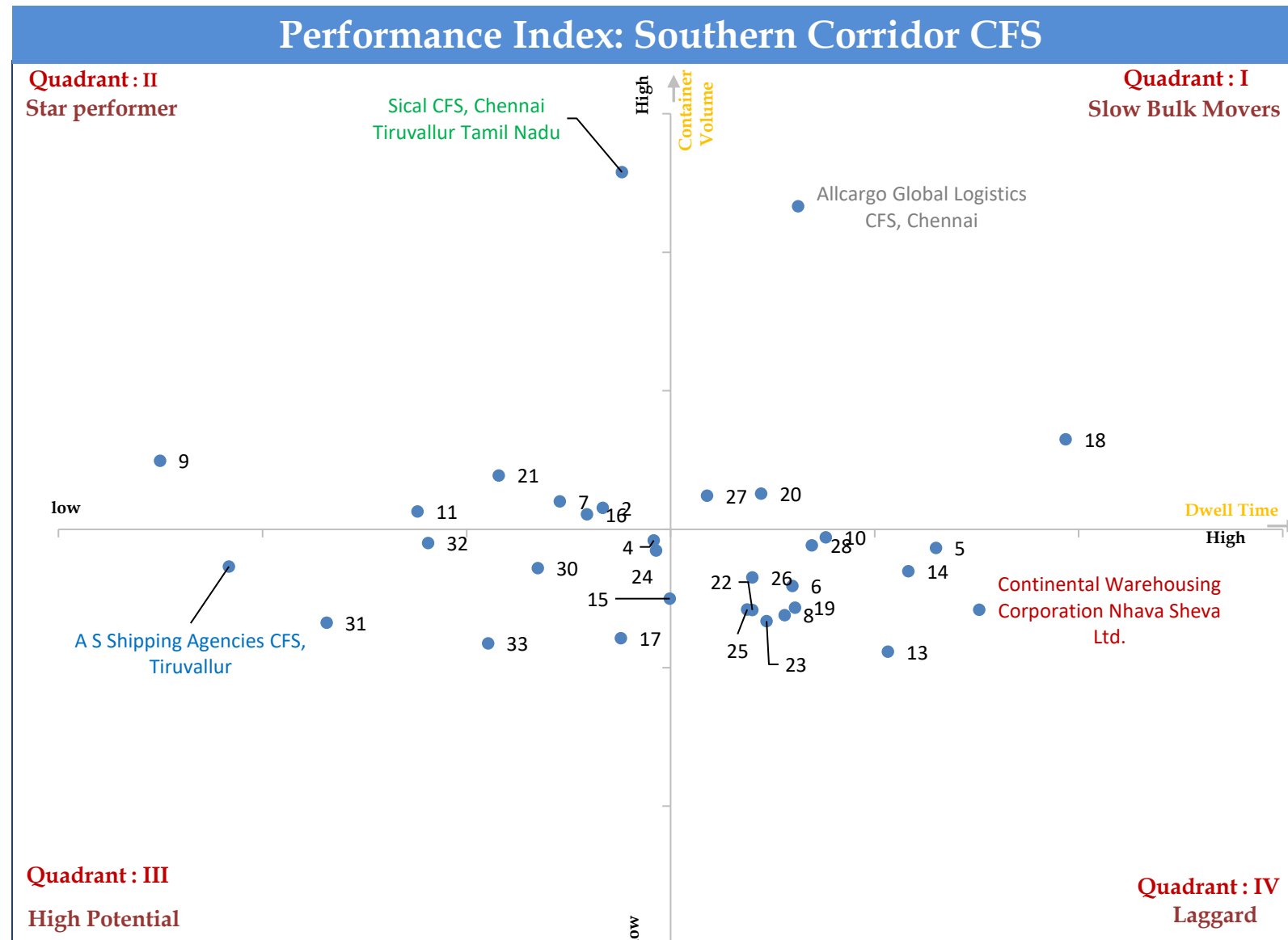
Slow Bulk Movers : consist of entities which have catered higher container volume at higher dwell time

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 Nov'20

Top Performing Terminal

Sical CFS, Chennai Tiruvallur Tamil Nadu

Oct'20	Nov'20
108.8 hrs	99.8 hrs ↑

Low Performing Terminal

Continental Warehousing Corporation Nhava Sheva Ltd.

Oct'20	Nov'20
174.9 hrs	162.2 hrs ↑

Note: The performance benchmarking is based on performance index



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

Performance Index- Summary

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IMPORT

Port Dwell Time

Mode	Oct'20 (in hrs)	Nov'20 (in hrs)
Overall	37.1	49.3
Truck	33.1	45.2
Train	122.4	119.9

EXPORT

Mode	Oct'20 (in hrs)	Nov'20 (in hrs)
Overall	137.9	142.53
Truck	136.5	140.5
Train	160.9	168.0

Container Freight Stations(CFS)- Dwell Time



Container
Freight
Stations

Entity	Oct'20 (in hrs)	Nov'20 (in hrs)
CFS	128.9	141.7

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

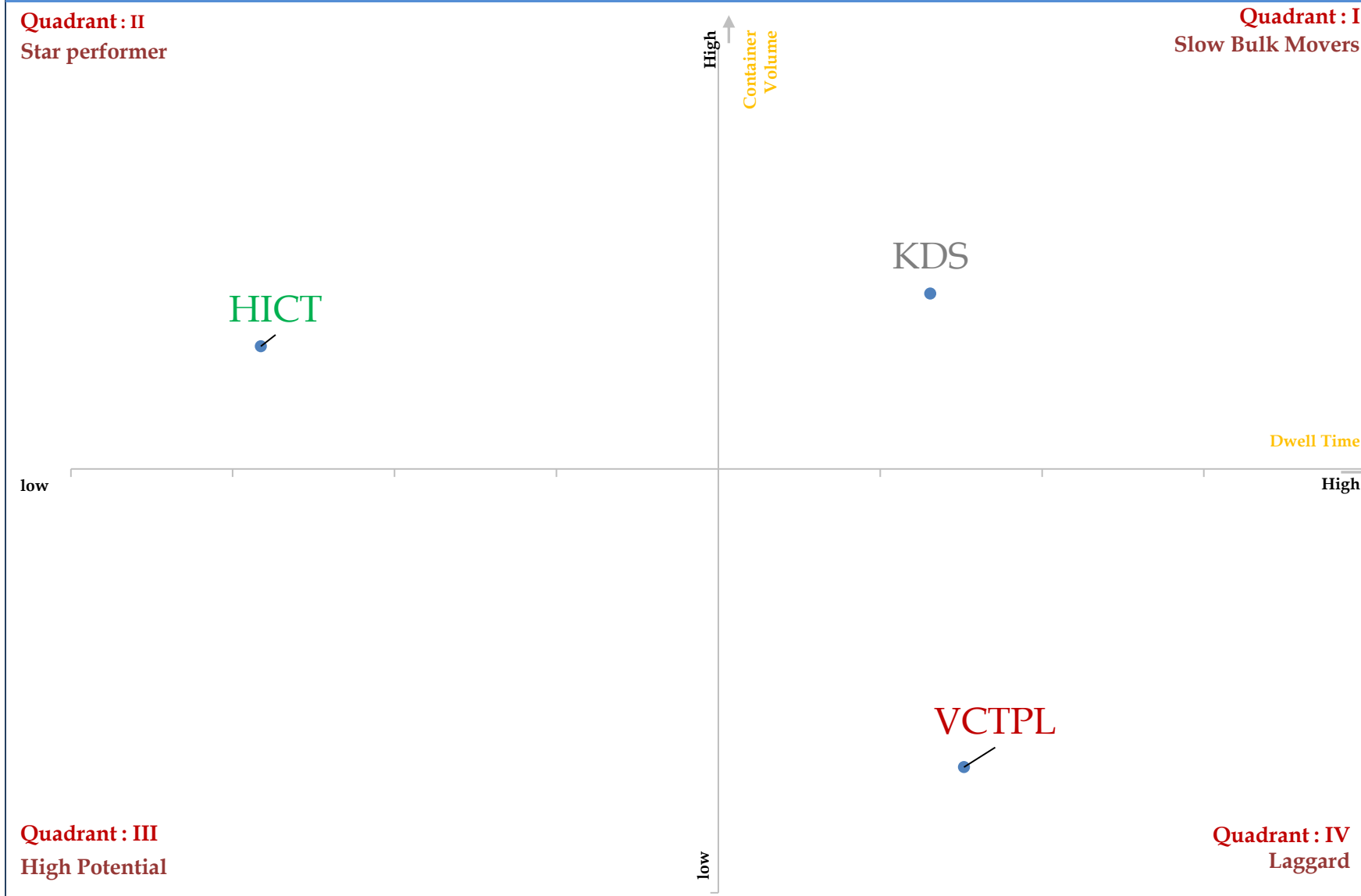
The marked entries showcase decrease in performance in comparison to Oct'20



Performance Benchmarking - Port Terminals

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


Port Terminal Performance Index - Nov'20



Performance benchmarking for CFS covered under LDB project in Southern Corridor for Nov'20


Top Performing Terminal

Haldia international Container terminal(HICT)

Oct'20	Nov'20
111.53 hrs	84.18 hrs 

Low Performing Terminal

Visakha Container Terminal (VCTPL)

Oct'20	Nov'20
82.44 hrs	72.62 hrs 

Note: The performance benchmarking is based on performance index



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

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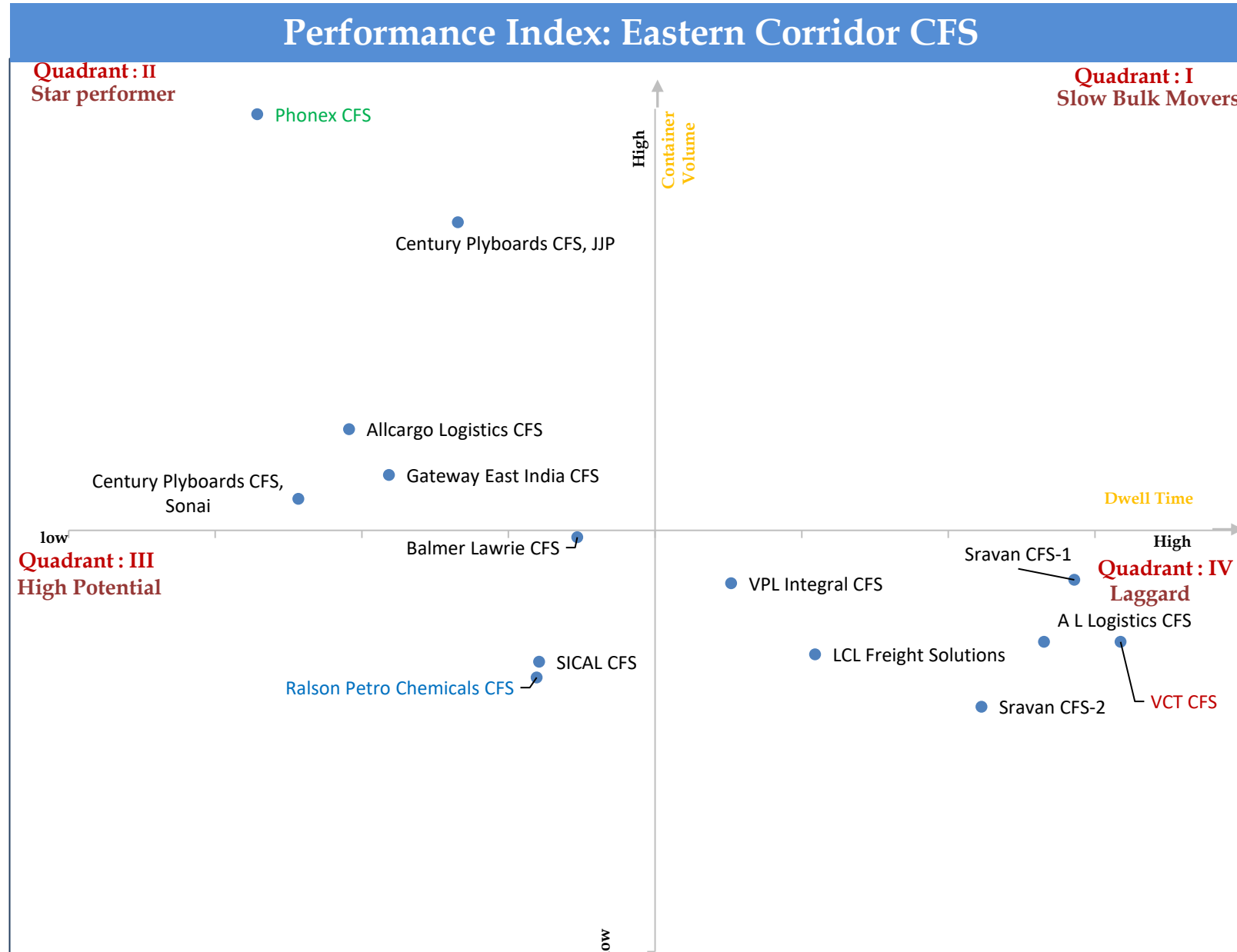
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Laggard : consist of entities which have catered relatively lower container volume at higher dwell time



Performance Benchmarking - CFS



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

Top Performing Terminal

Phonex CFS

Oct'20

127.1 hrs

Nov'20

129.8 hrs



Low Performing Terminal

VCT CFS

Oct'20

156.7 hrs

Nov'20

175.1 hrs



Note: The performance benchmarking is based on performance index



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

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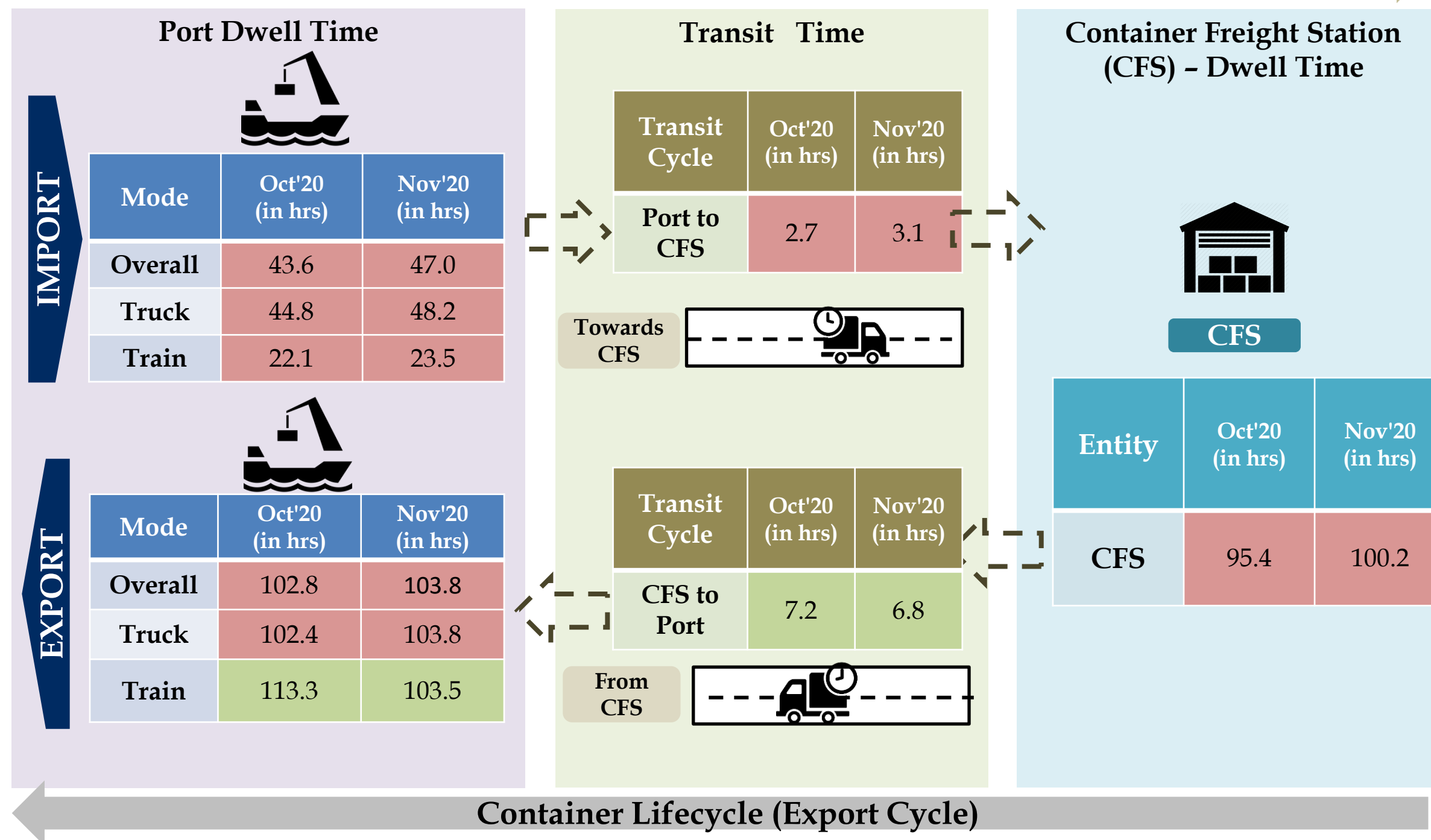
High Potential : consist of entities which have catered relatively lower container volume in lower dwell time

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Annexure

Individual Terminal Performance In Southern Corridor

Container Lifecycle (Import Cycle)

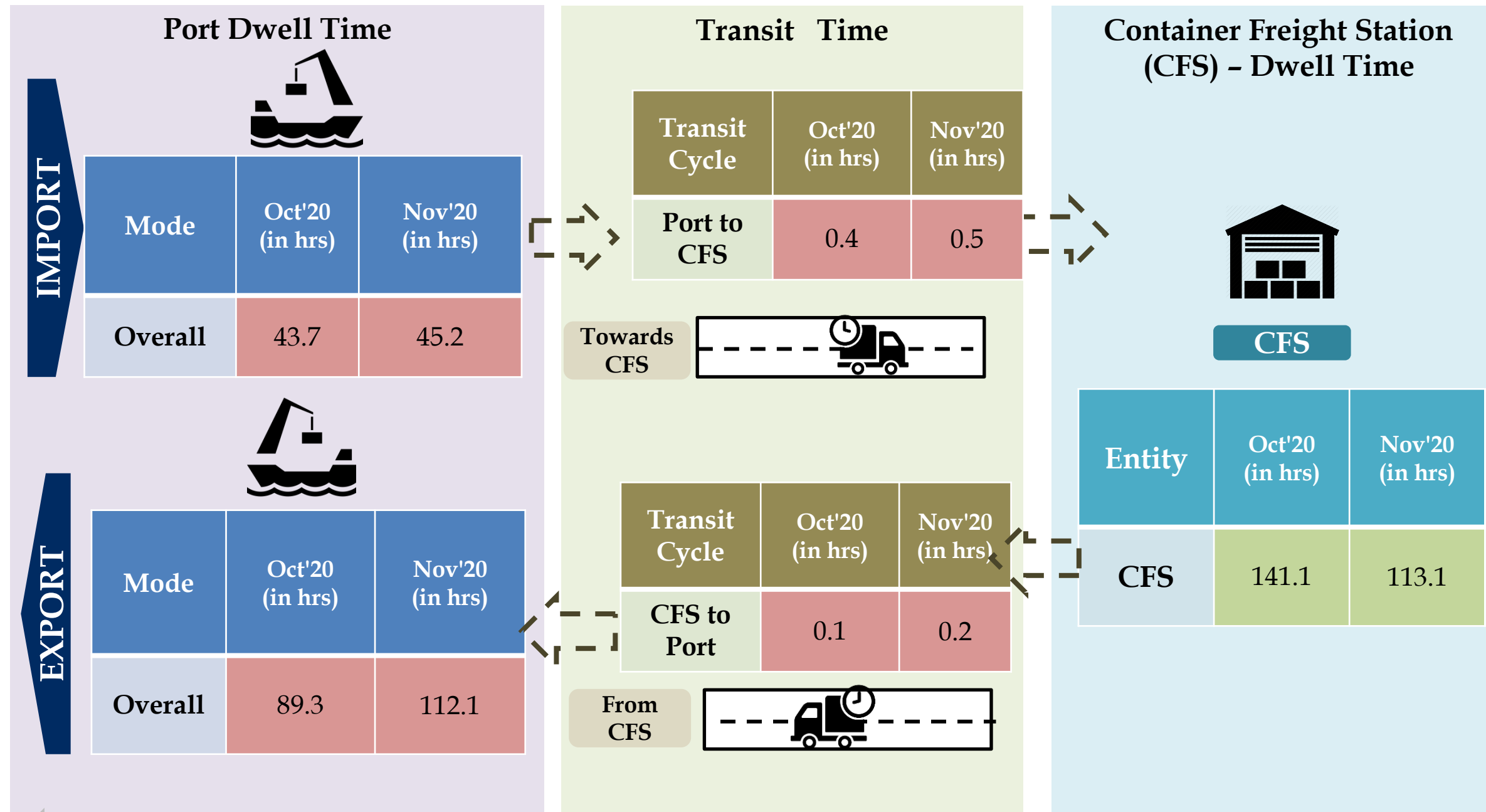


The marked entries showcase the increase in performance as compared to Oct'20

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

Kochi Port Terminal: Container Transportation

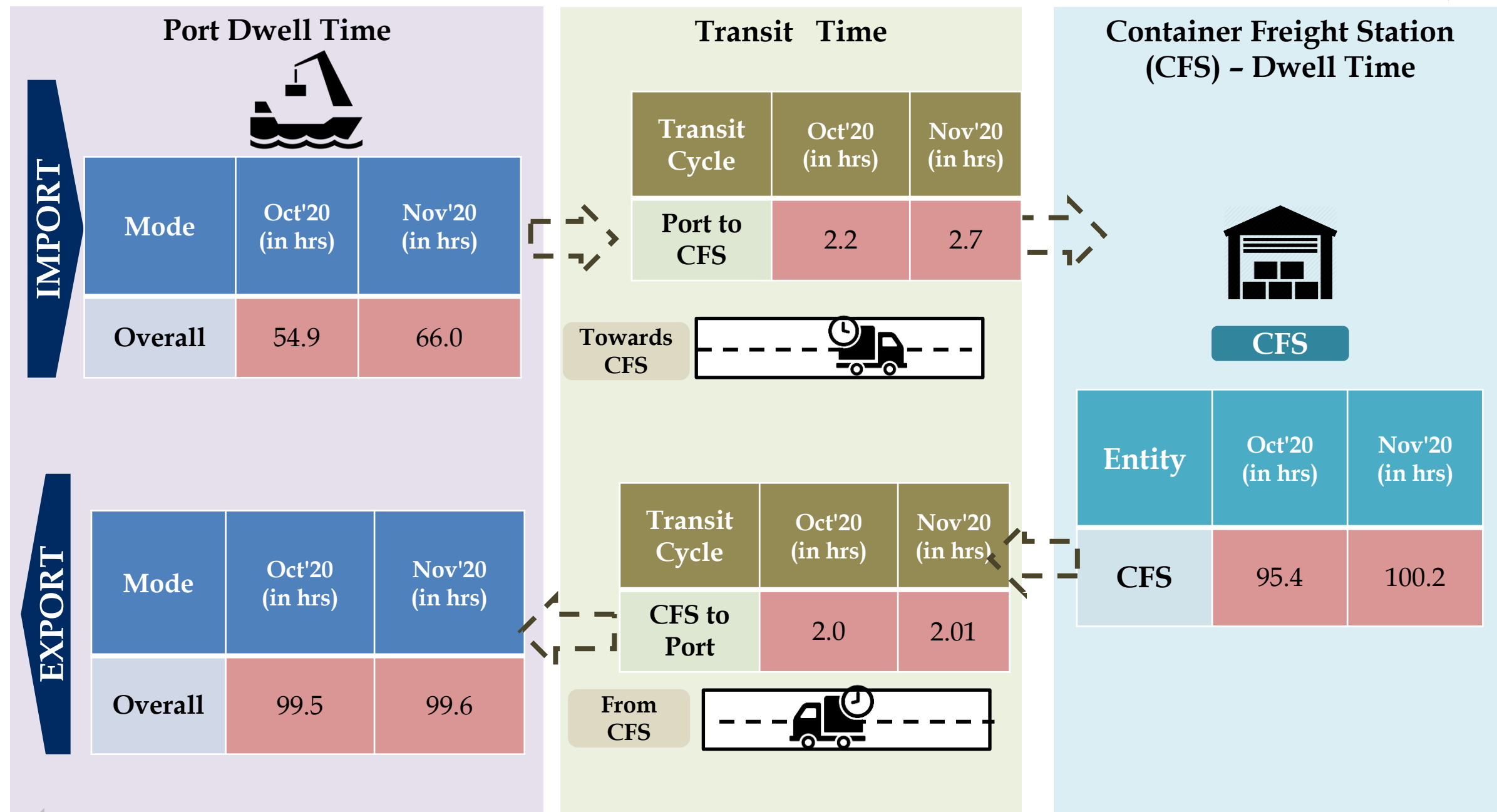
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Kattupalli Port Terminal: Container Transportation

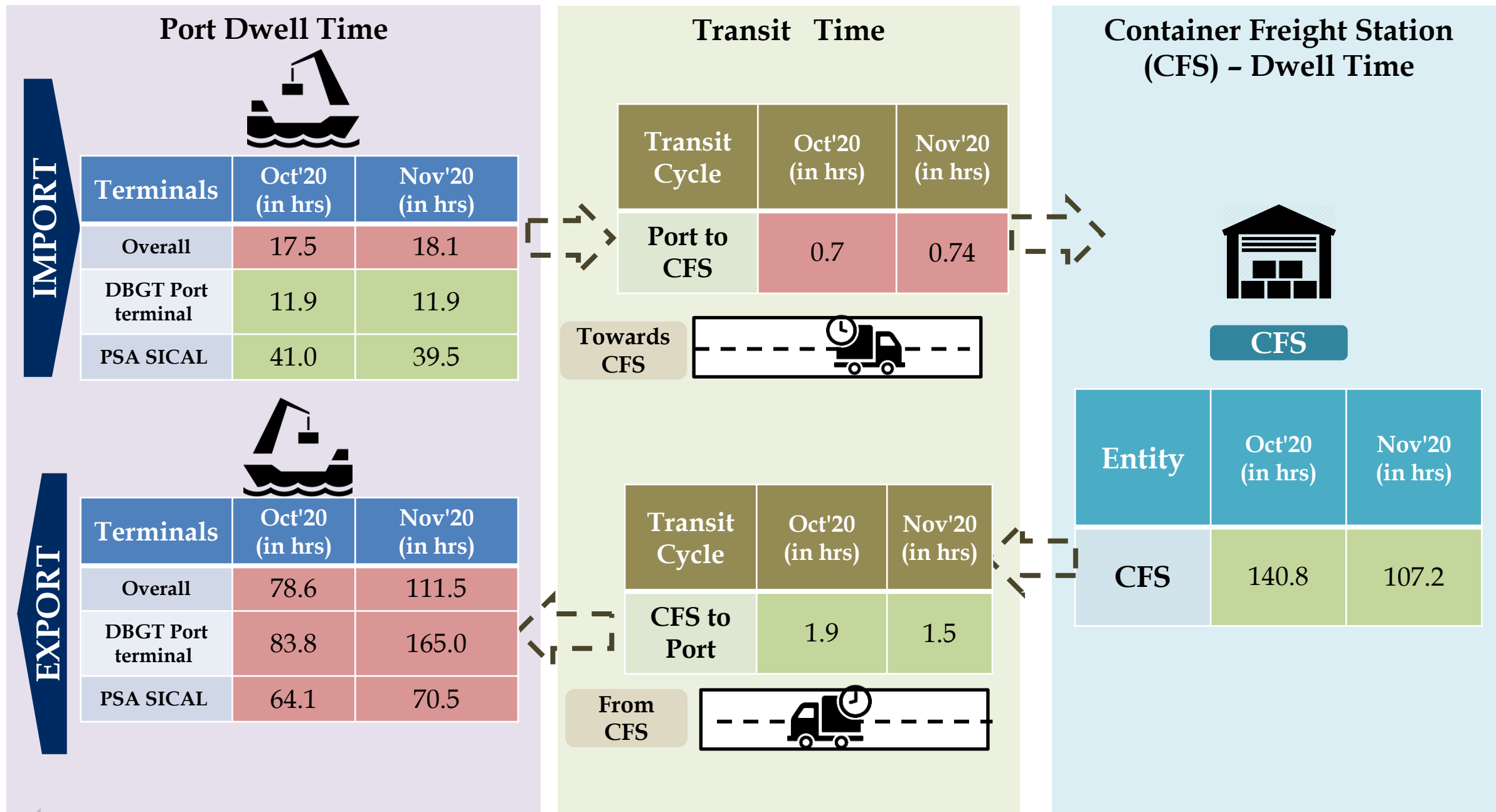
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Tuticorin Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Container Lifecycle (Import Cycle)

Port Dwell Time*



Mode	Oct'20 (in hrs)	Nov'20 (in hrs)
Overall	109.6	88.9



Mode	Oct'20 (in hrs)	Nov'20 (in hrs)
Overall	76.9	72.7

Container Freight Station (CFS) - Dwell Time



CFS

Entity	Oct'20 (in hrs)	Nov'20 (in hrs)
CFS	142.4	120.4

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

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

Cargo Dwell Time



Port

Port Cargo Dwell time	Oct'20 (in hrs)	Nov'20 (in hrs)
Import	110.9	82.6
Export	70.2	68.3

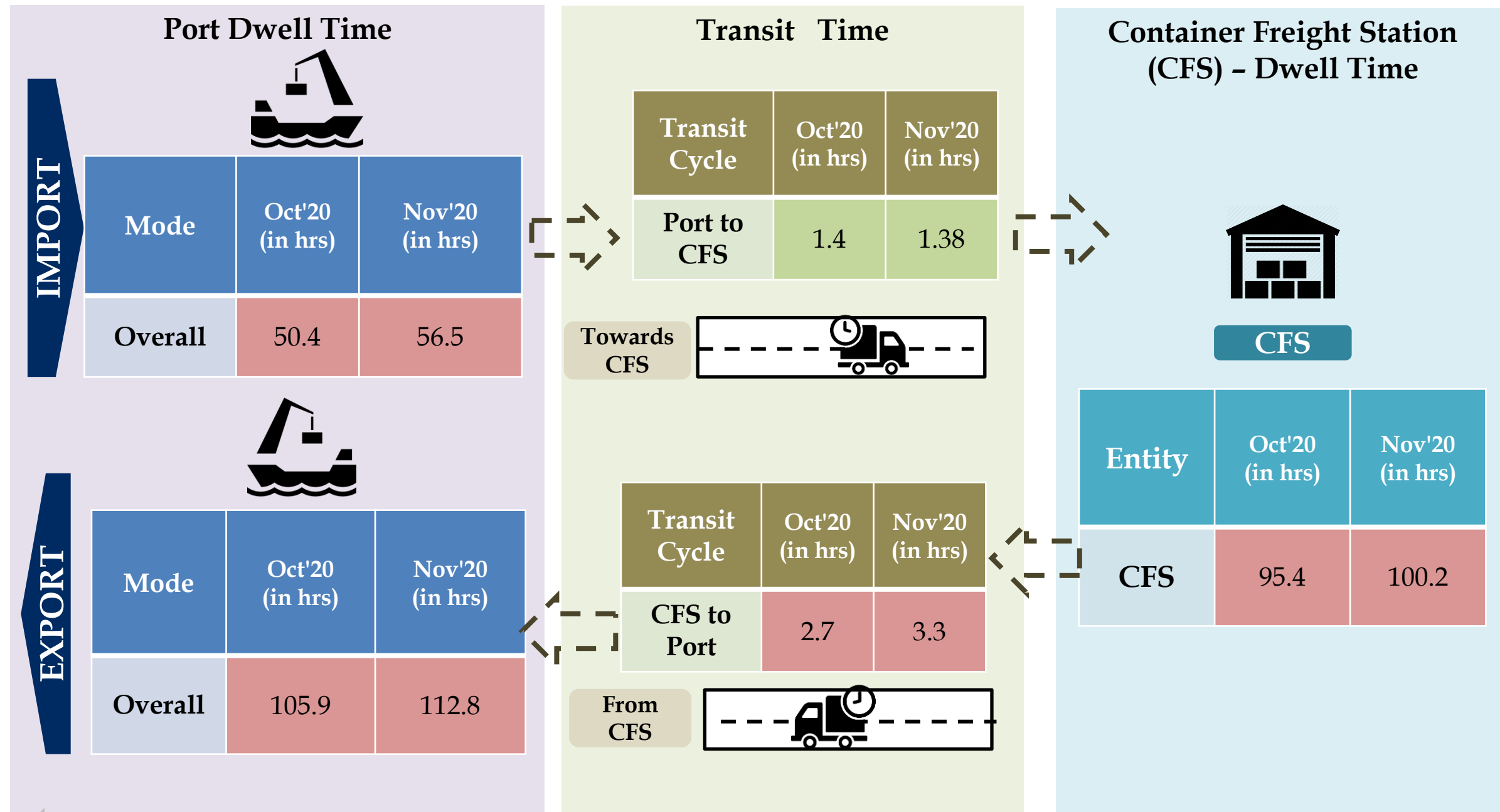
Cargo Clearance time is calculated on the basis of Container In Time and Cargo out time for Import Cycle whereas for Export Cycle it is been calculated on the basis of Cargo In time and Container Out time

Container Lifecycle (Export Cycle)

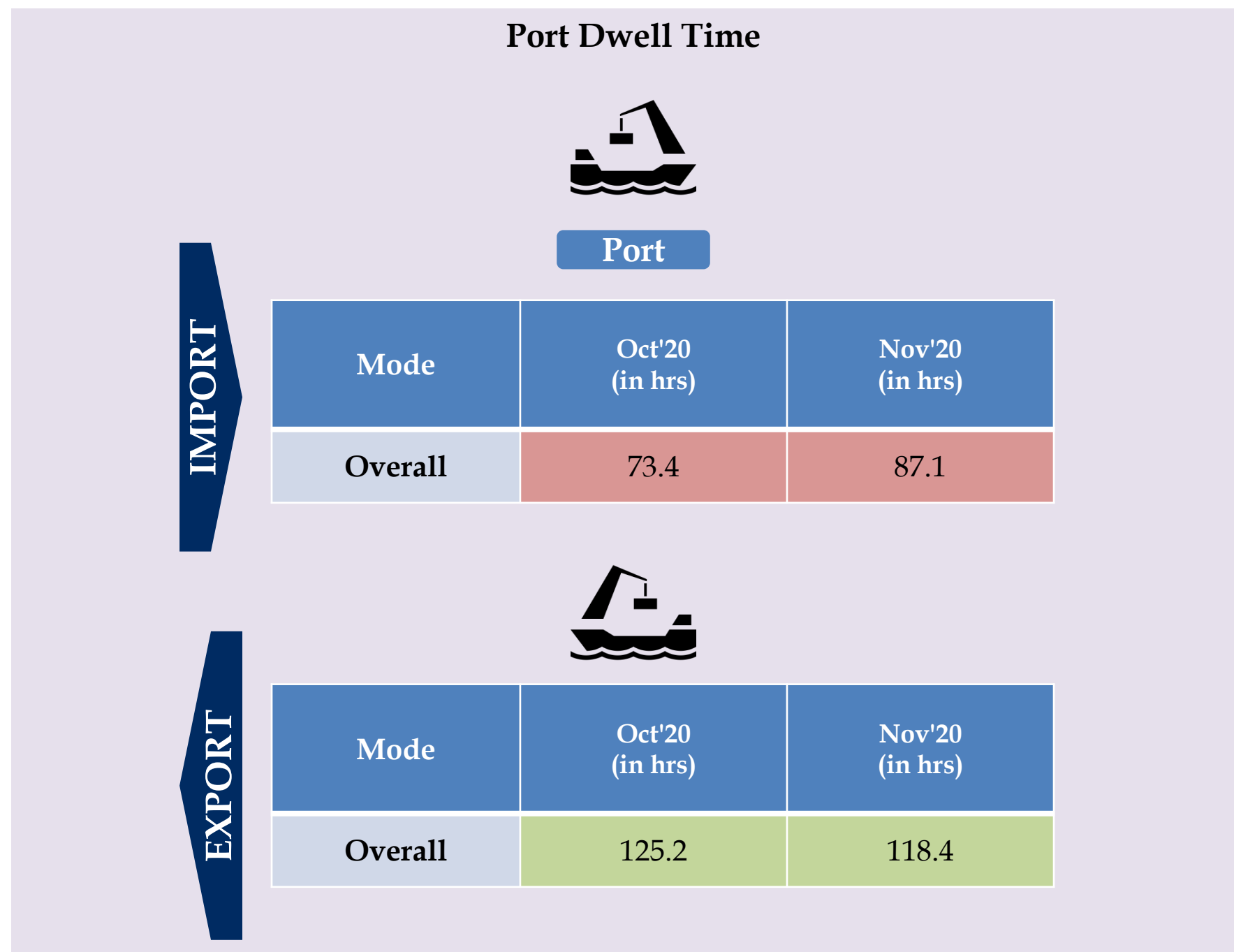
★ Port dwell time reflects the time container has spent in the vicinity which is calculated on the basis of Port out time and Port in Time of container


Ennore Port Terminal: Container Transportation


Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)



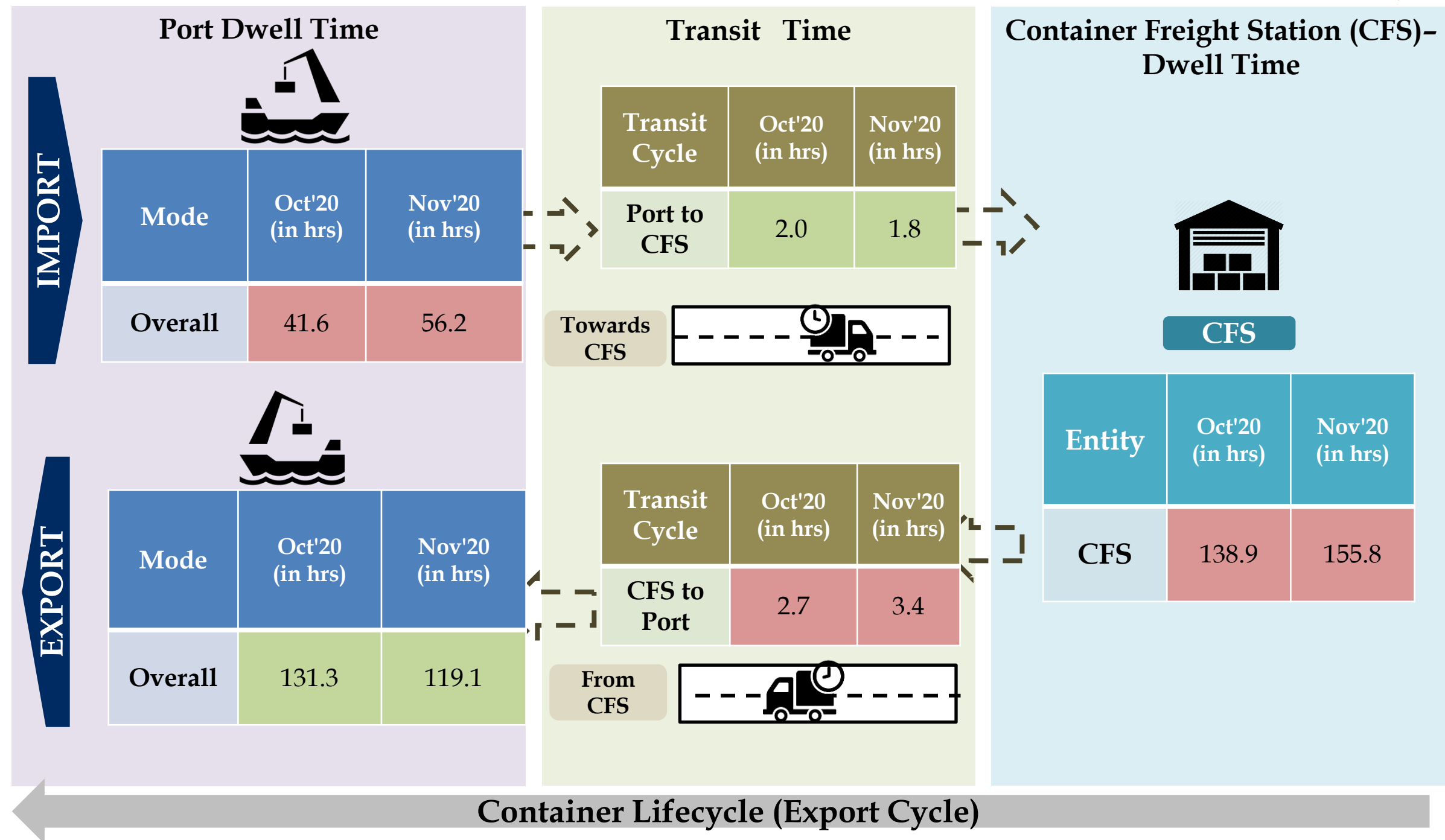
 The marked entries showcase the increase in performance as compared to Oct'20

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

Individual Terminal Performance In Eastern Corridor

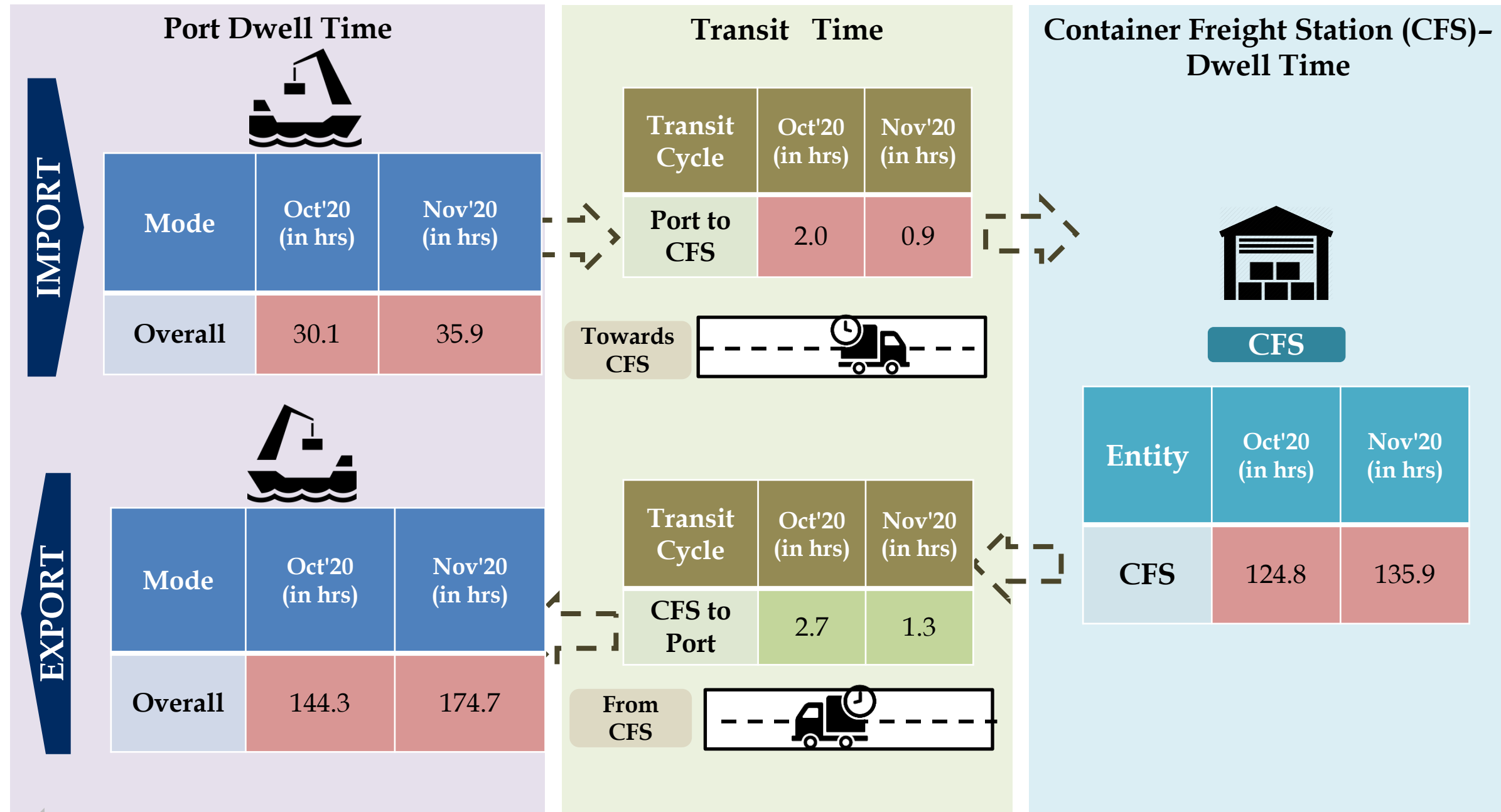
Vishakhapatnam Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



Kolkata Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)

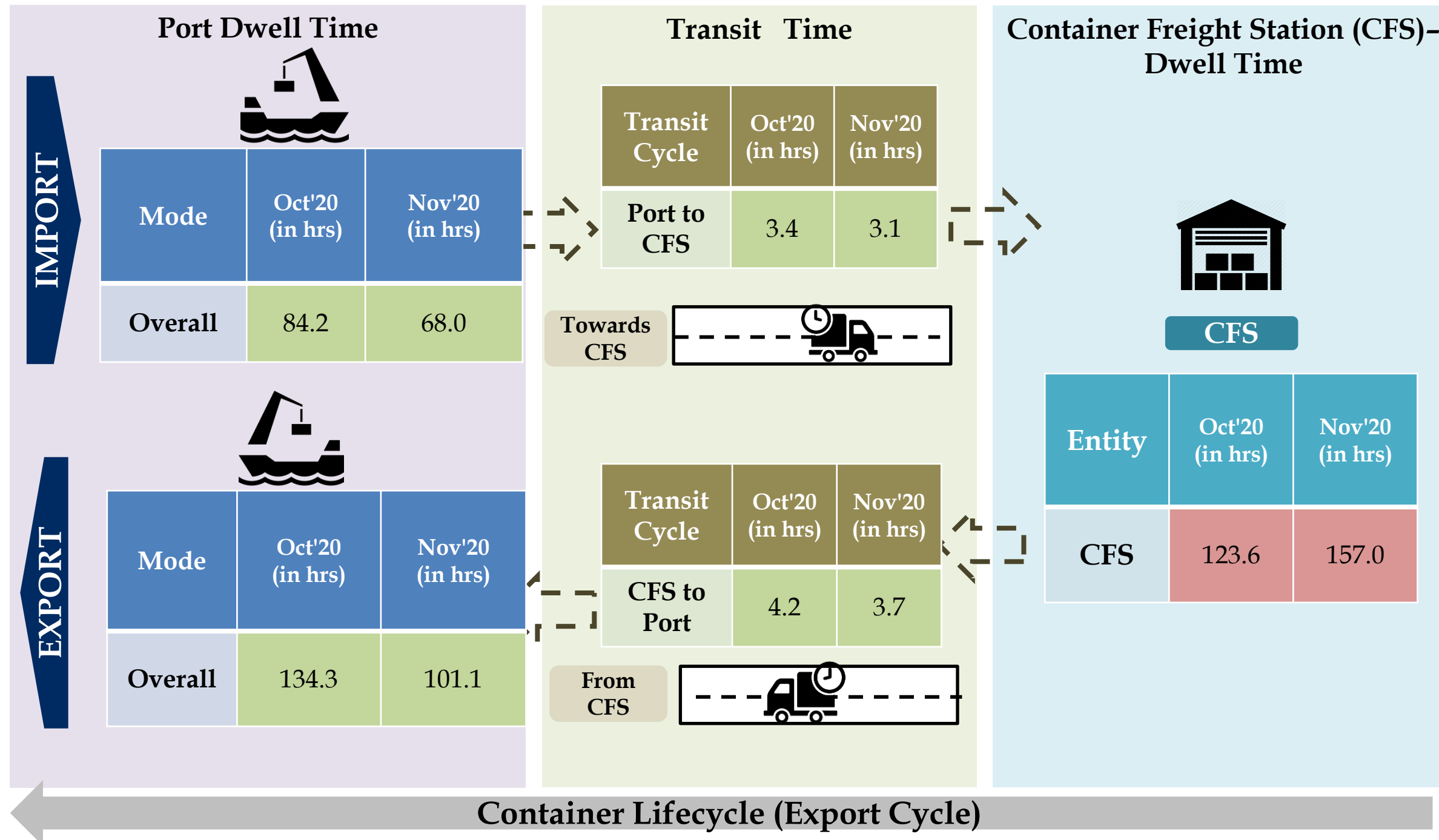


The marked entries showcase the increase in performance as compared to Oct'20

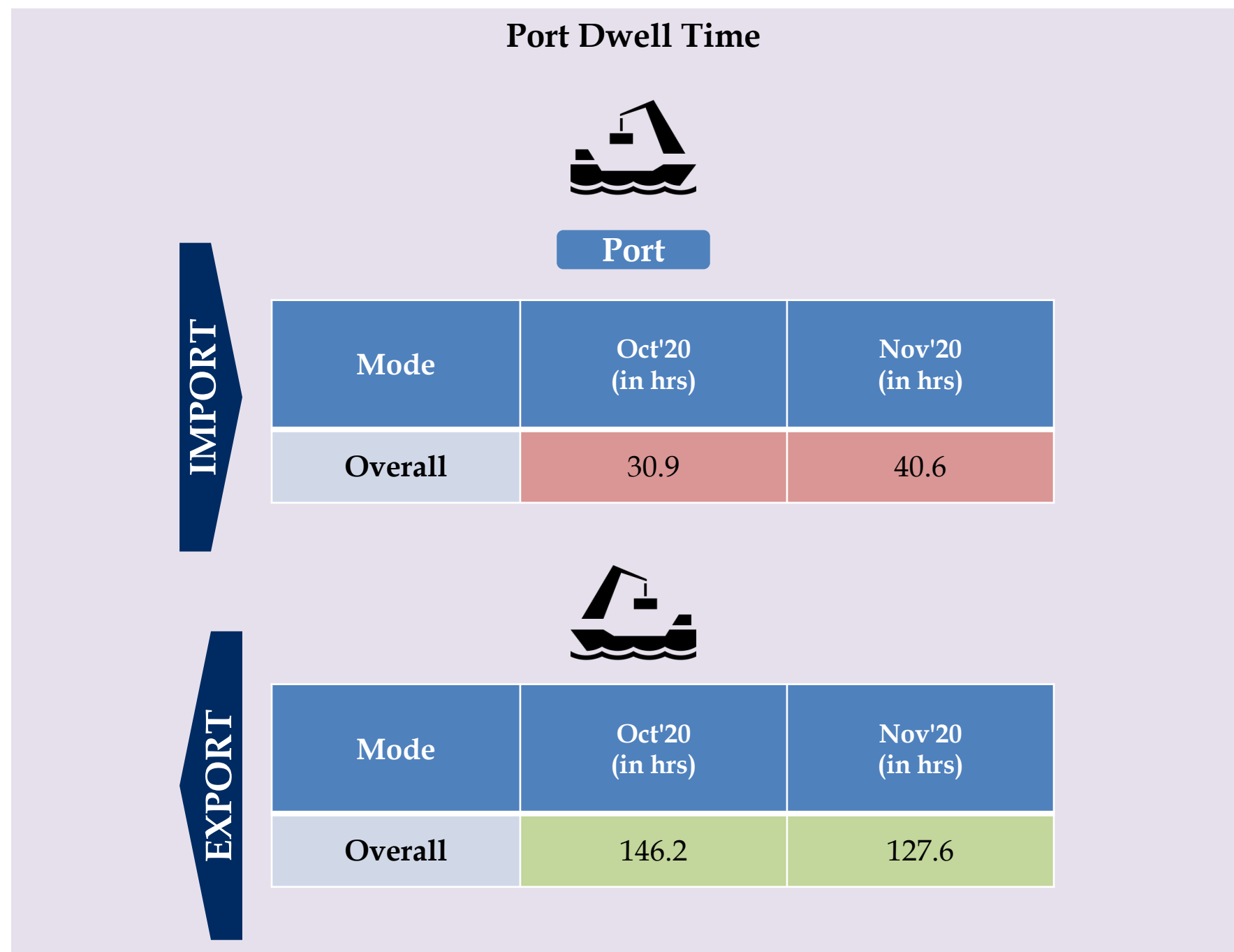
The marked entries showcase the decrease in performance as compared to Oct'20


Haldia Port Terminal: Container Transportation


Container Lifecycle (Import Cycle)



Individual Terminal Performance In Western Corridor

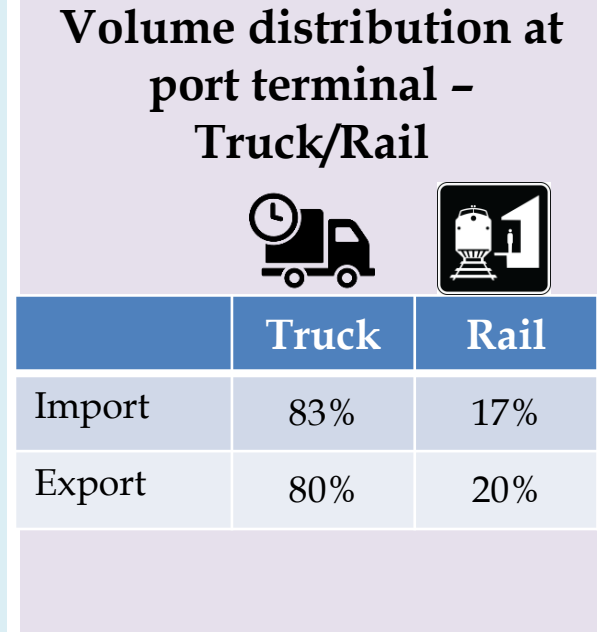
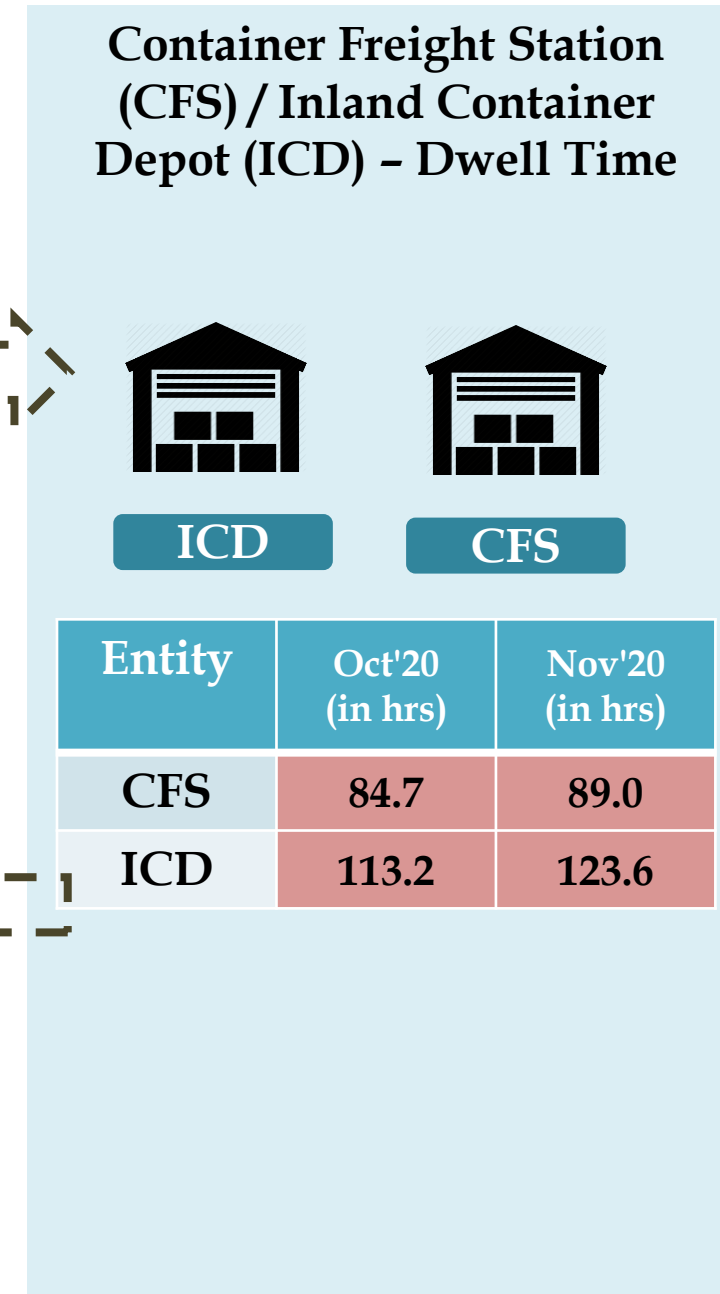
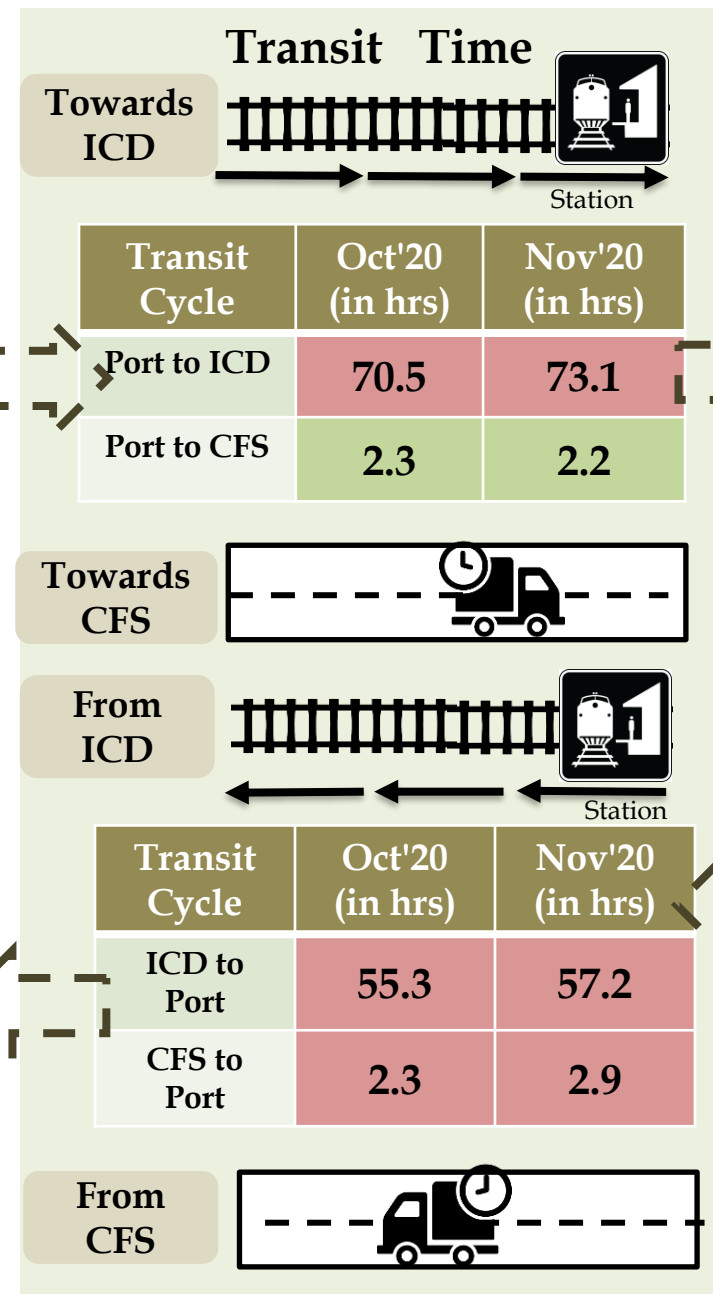
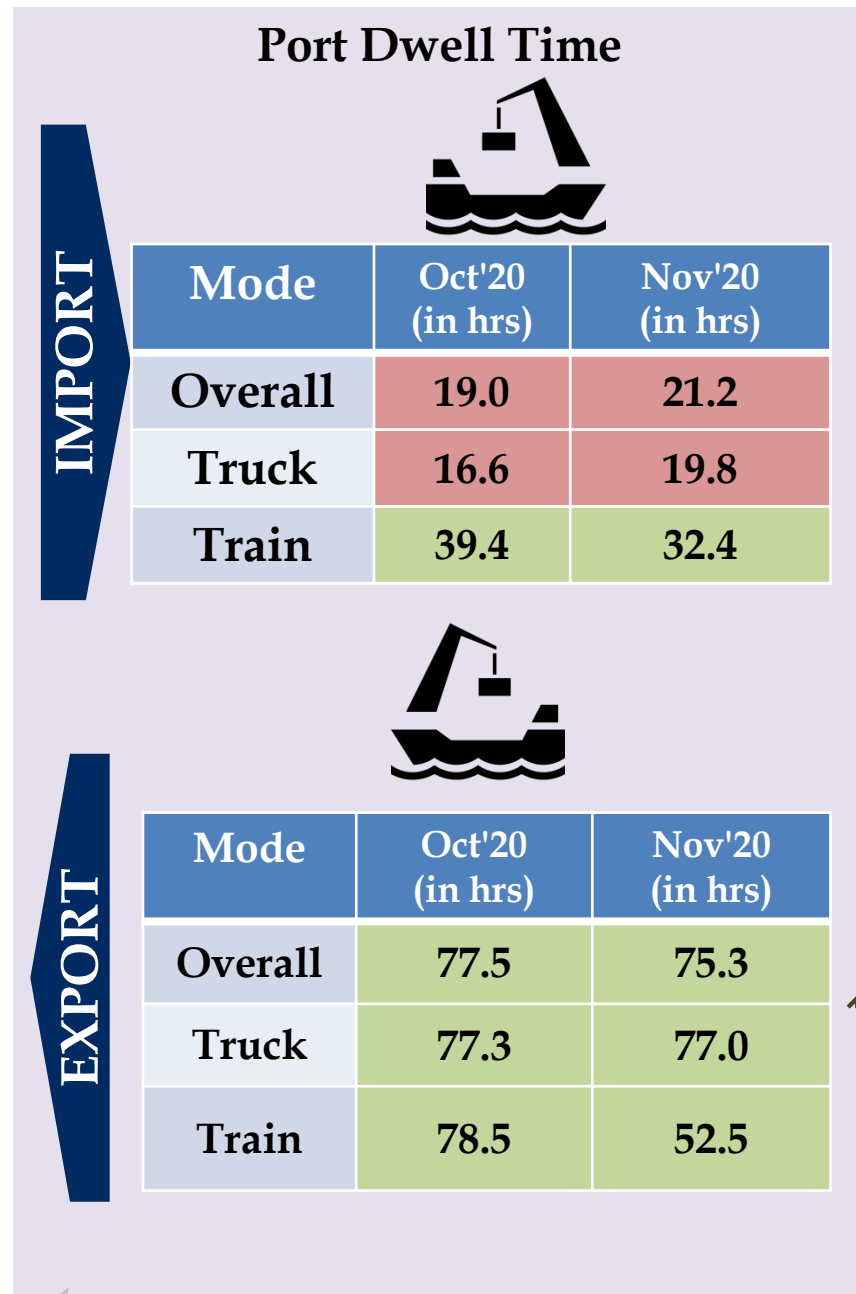



 The marked entries showcase the increase in performance as compared to Oct'20


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

Container Transportation- JNPT Port Terminals

Container Lifecycle (Import Cycle)



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

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

Container Lifecycle (Export Cycle)

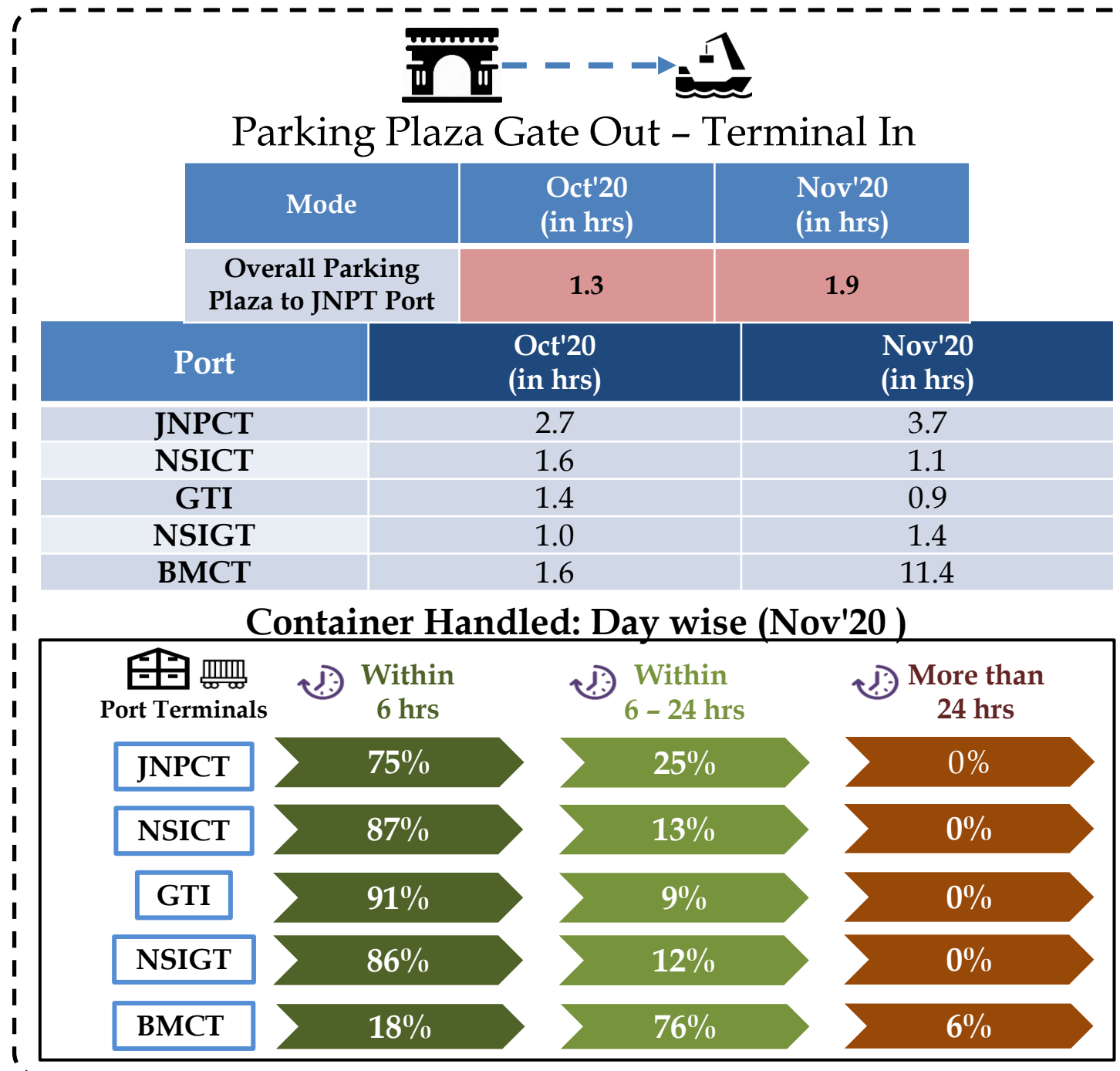
Container Transportation- JNPT Port Terminals

%IMPORT CYCLE DWELL TIME (Nov'20 – in hrs)			Compared to Oct'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	21.2	12% ↓
	Port Dwell Time for Truck Bound Containers	19.77	19% ↓
	Port Dwell time for Train Bound Containers	32.35	18% ↑
	Port Dwell time Direct Port Delivery (DPD) containers	39.25	25% ↓
	Port Dwell time Containers bound for CFS	19	25% ↓
	Port Dwell for Empty Containers	23.23	12% ↓
	Port Dwell for Laden Containers	20.85	12% ↓
TRANSIT TIME	Port to ICD	73.06	4% ↓
	Port to CFS	2.2	4% ↑

EXPORT CYCLE DWELL TIME (Nov'20– in hrs)			Compared to Oct'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	75.3	3% ↑
	Port Dwell Time for Truck Bound Containers	76.95	1% ↑
	Port Dwell time for Train Bound Containers	52.53	33% ↑
	Port Dwell time Direct Port Entry (DPE) containers	81.21	0% ↓
	Port Dwell time Containers bound from CFS	74.53	2% ↑
	Port Dwell for Empty Containers	77.23	6% ↓
	Port Dwell for Laden Containers	76.75	2% ↑
TRANSIT TIME	ICD to Port	57.2	3% ↓
	CFS to Port	2.9	26% ↓

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

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



Container Lifecycle (Import Cycle)

IMPORT	Port Dwell Time		
	Mode	Oct'20 (in hrs)	Nov'20 (in hrs)
	Overall	25.9	24.1
	Truck	24.3	22.4
EXPORT			
	Mode	Oct'20 (in hrs)	Nov'20 (in hrs)
	Overall	132.8	129.4
	Truck	129.8	128.7
	Train	144.4	131.5

Transit Time			
Towards ICD			
Transit Cycle	Oct'20 (in hrs)	Nov'20 (in hrs)	
Port to ICD	88.9	83.9	
Port to CFS	1.1	1.2	
Towards CFS			
From ICD			
Transit Cycle	Oct'20 (in hrs)	Nov'20 (in hrs)	
ICD to Port	74.4	72.2	
CFS to Port	1.2	1.0	
From CFS			

Container Freight Stations(CFS)/Inland Container Depots(ICD)			
ICD CFS			
Entity	Oct'20 (in hrs)	Nov'20 (in hrs)	
CFS	94.8	89.6	
ICD	113.2	123.6	

Volume distribution at port terminal - Truck/Rail		
	Truck	Rail
Import	93%	7%
Export	72%	27%

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

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

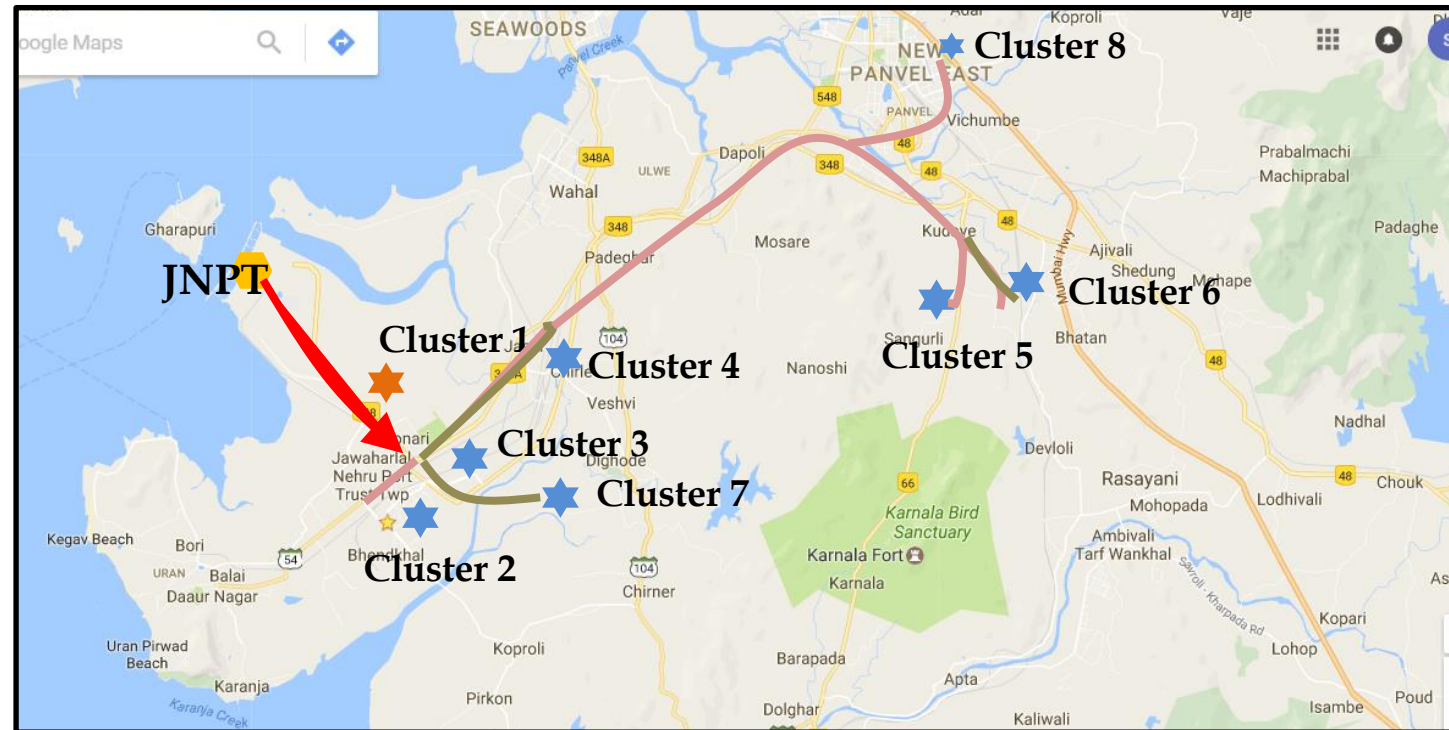
Container Lifecycle (Export Cycle)

IMPORT CYCLE DWELL TIME (Nov'20- in hrs)			Compared to Oct'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	24.1	7% ↑
	Port Dwell Time for Truck Bound Containers	22.4	8% ↑
	Port Dwell time for Train Bound Containers	131.7	14% ↓
TRANSIT TIME	Port to ICD	83.91	6% ↑
	Port to CFS	1.2	9% ↓

EXPORT CYCLE DWELL TIME (Nov'20- in hrs)			Compared to Oct'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	129.4	3% ↑
	Port Dwell Time for Truck Bound Containers	128.68	1% ↑
	Port Dwell time for Train Bound Containers	131.48	9% ↑
TRANSIT TIME	ICD to Port	72.24	3% ↑
	CFS to Port	1.0	17% ↑

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

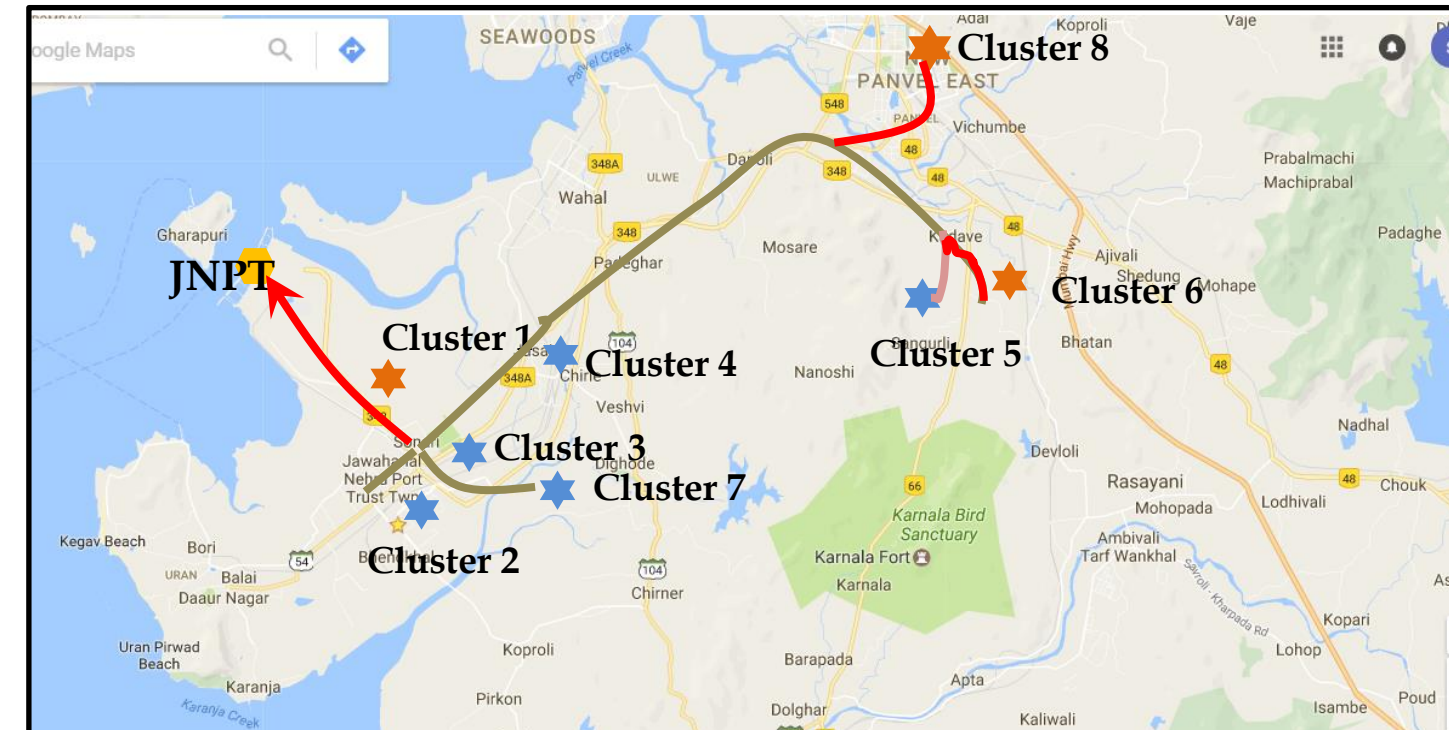
JNPT - Import - Nov'20



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

Clusters with bottleneck	
CLUSTER 1	JNPT Area
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 8	Taloja, Navi Mumbai
Clusters without bottleneck	
CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area, JNPT road
CLUSTER 4	Chirle area, JNPT road
CLUSTER 5	Plaspa area, Coach kanyakumari Highway
CLUSTER 7	Patilpada area, Khopate JNPT road

JNPT - Export - Nov'20



Clusters with bottleneck	
CLUSTER 1	JNPT Area
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 8	Taloja, Navi Mumbai
Clusters without bottleneckz	
CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area, JNPT road
CLUSTER 4	Chirle area, JNPT road
CLUSTER 5	Plaspa area, Coach kanyakumari Highway
CLUSTER 7	Patilpada area, Khopate JNPT road

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	131.7 hrs
Road	136.5 hrs	131.7 hrs
Rail	56.1 hrs	-



Export Cycle

Kolkata Port Terminal

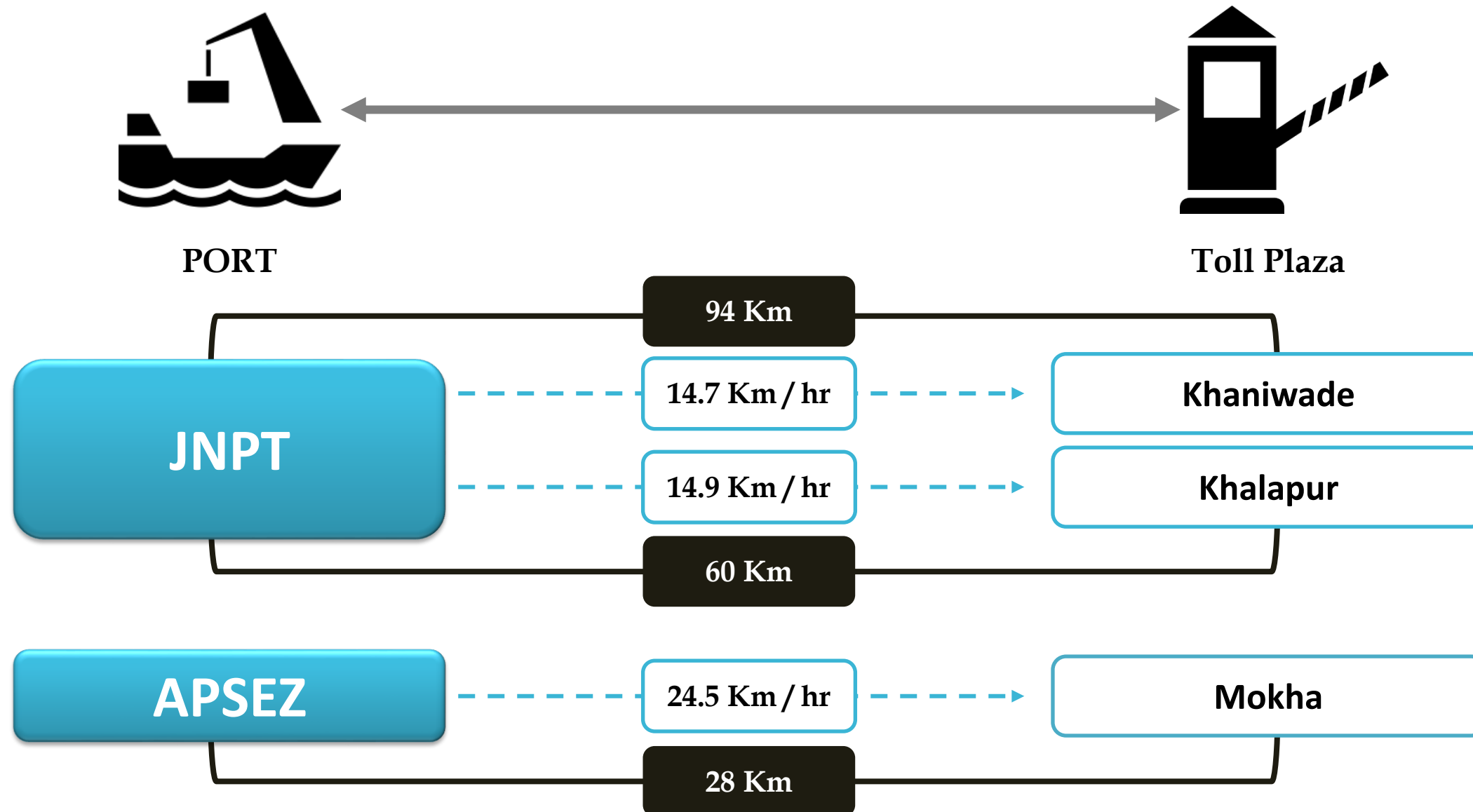
Mode	ICP Raxaul	ICP Jogbani
Overall	613.2 hrs	349.1 hrs
Road	527.6 hrs	349.1 hrs
Rail	647.5 hrs	-

Haldia Port Terminal

Mode	ICP Raxaul	ICP Jogbani
Overall	406.1 hrs	580.0 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)		
				Sept'20	Oct'20	Nov'20
Western	Hazira	Boriach	77	4.5	6.1	10.3
Eastern	KOPT(Kolkata)	Dankuni	24	1.8	2.1	2.9
	HICT(Haldia)	Debra	100	1.1	6.2	4.9
		Jaladhulagori	101	4.5	5.3	7.4
Southern	Chennai	Surapattu	18	4.5	4.9	3.6
		Nallur	23	-	1.7	1.0
	Kochi	Kumbalam	13	1.2	5.1	6.2
		GIPL Palayekara	71	3.6	7.8	8.3
	NMPT (New Manglore)	Brahamarakotlu	25	6.7	7.9	9.2
		Talapady	22.5	7.7	1.3	1.2
		Gundmi	68	1.3	4.4	5.7
	Kattupalli	Surapattu	36	5.2	9.4	9.3
		Nallur	33	-	3.6	2.9
	Ennore	Surapattu	35	2.8	17.5	13.6
	Tuticron	VoCPT CheckPost1	4.3	-	12.9	12.3

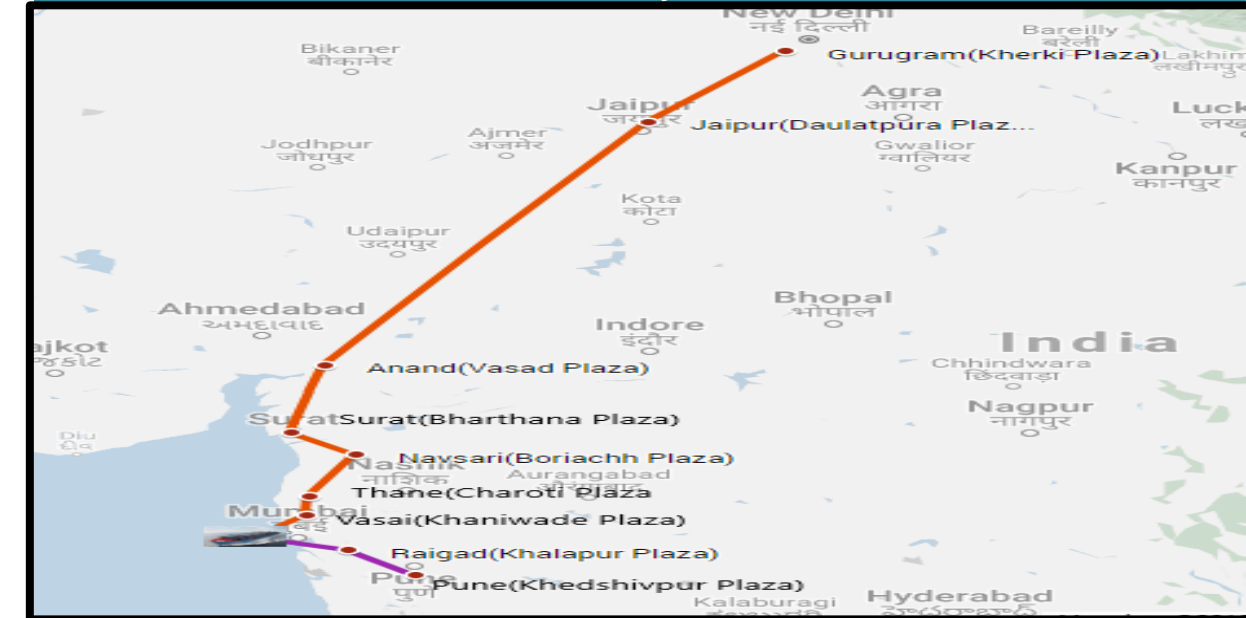
The analysis is based on the container travelling direct from port to toll, i.e. defined by the containers travelling from port to corresponding toll plaza with 2 days

Western Corridor Toll Plaza Analysis

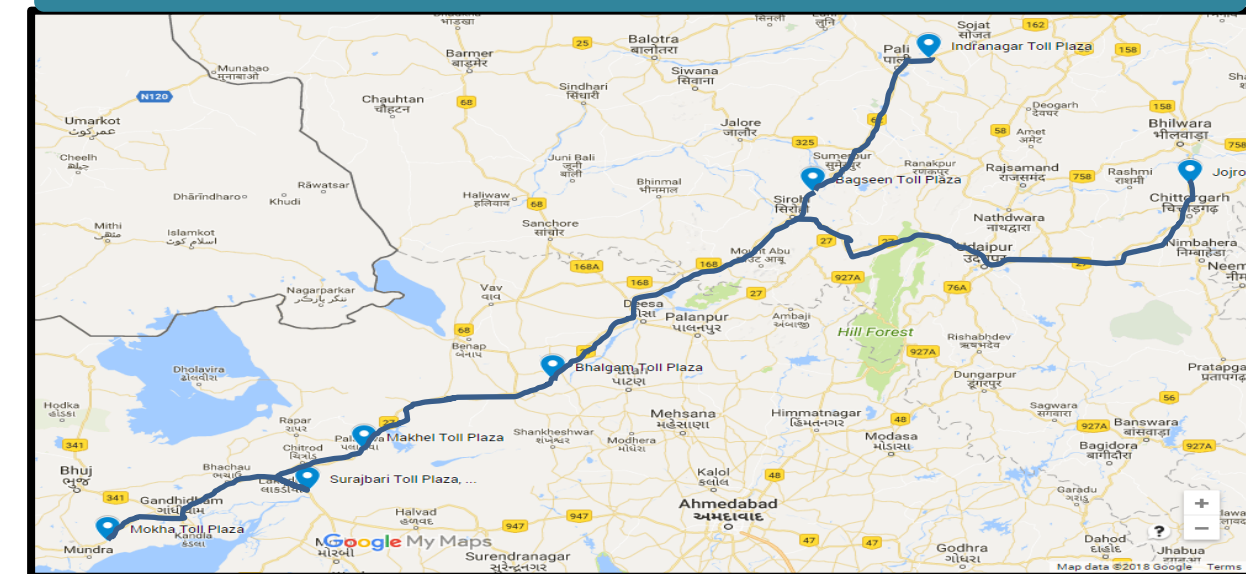
Avg. Speed between Toll to Toll Plazas

	Source	Destination Toll Plaza	Inter Distance (Km)	Oct'20 (in km/hrs)	Nov'20 (in km/hrs)
JNPT	JNPT	Khaniwade	94	11.5	14.7
	JNPT	Khalapur	60	16.2	14.9
	Khaniwade	Charoti	50	35.8	36.4
	Charoti	Boriach	126	25.9	26.3
	Boriach	Bharthan	142	31.3	32.0
	Bharthan	Vasad	60	40.0	39.8
	Khalalpur	Khedshivpur	105	36.5	33.8
	Daulatpura	Kherki	199	23.7	25.0
APSEZ	APSEZ	Mokha	28	23.3	24.5
	Mokha	Makhel	150	20.2	21.5
	Mokha	Surajbari	115	25.1	26.2
	Makhel	Bhalgam	108	34.0	36.1

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

List of CFS name used in CFS Performance Index

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

List of ICD name used in ICD Performance Index

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

List of CFS name used in Southern CFS Performance Index

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

List of CFS name used in Eastern CFS Performance Index

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



THANK YOU