

Logistics Databank Analytics Report- May 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: May 2020 (Dwell Time)

Gujarat Region

Import	Export
36.5 hrs	104.5 hrs

Mumbai Region

Import	Export
64.7 hrs	60.0 hrs

Kochi Region

Import	Export
133.9 hrs	83.1 hrs

Tuticorin Region

Import	Export
29.7 hrs	63.5 hrs

Kolkata Region

Import	Export
143.8 hrs	109.7 hrs

Vishakhapatnam Region

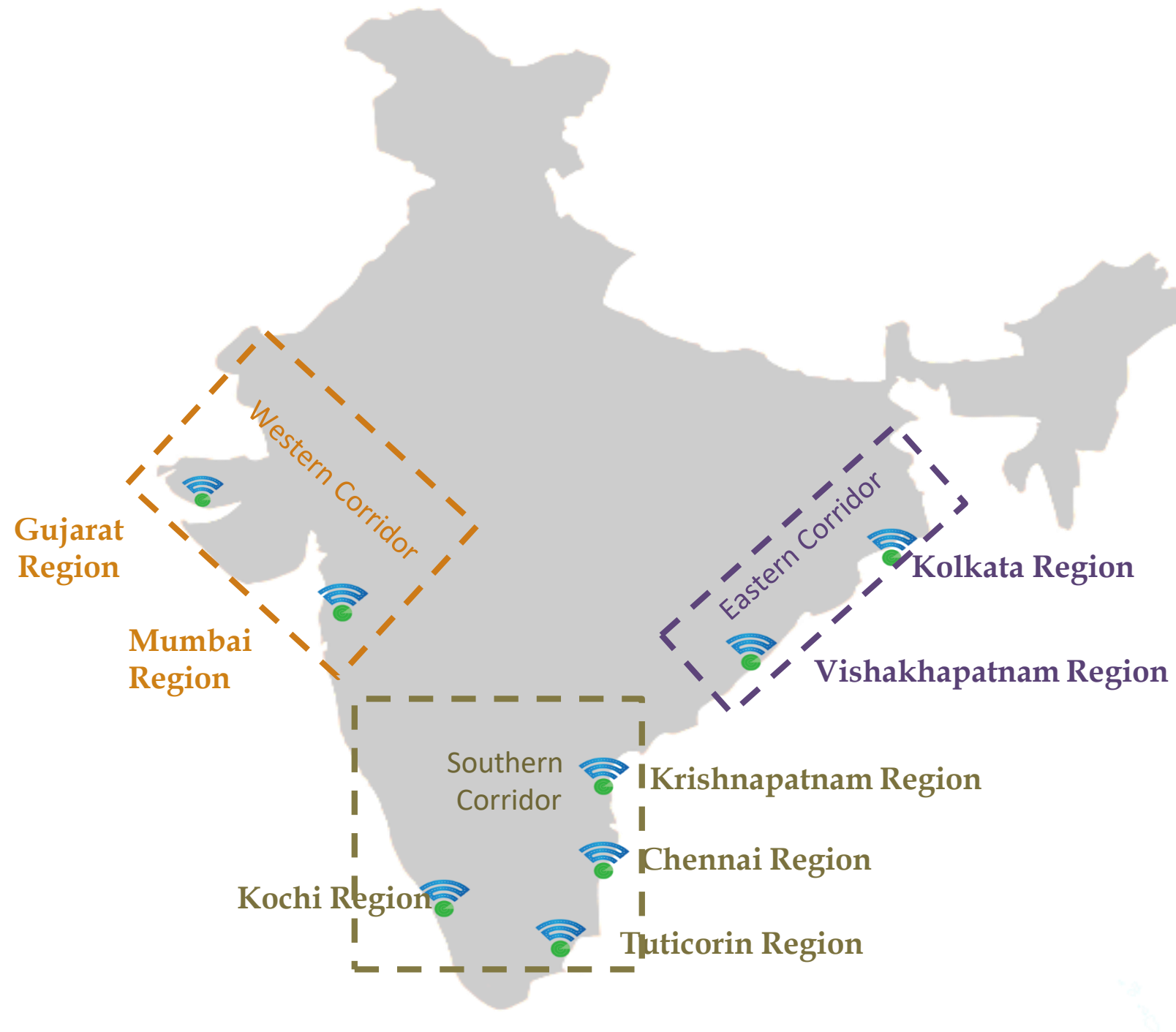
Import	Export
68.2 hrs	104.2 hrs

Krishnapatnam Region

Import	Export
259.7 hrs	66.0 hrs

Chennai Region

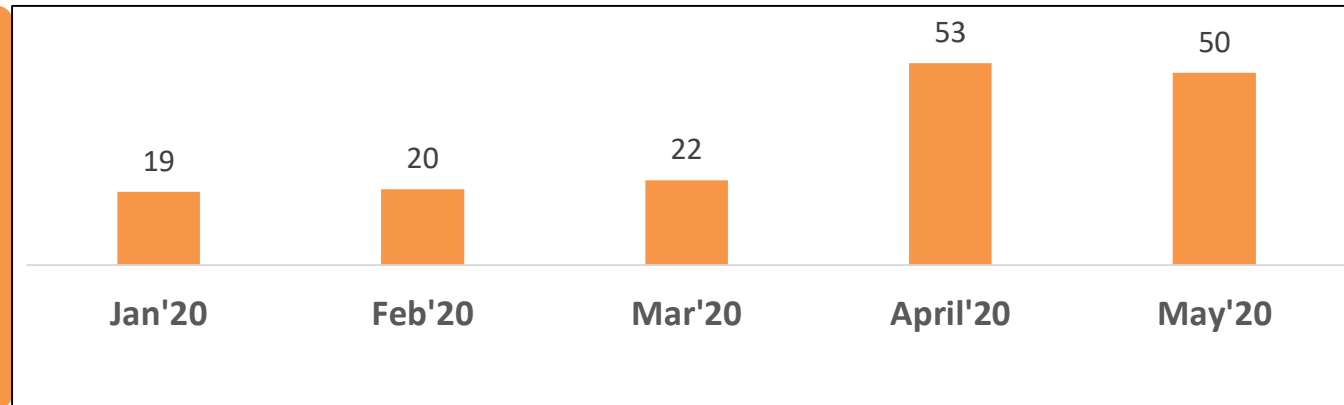
Import	Export
76.7 hrs	71.6 hrs



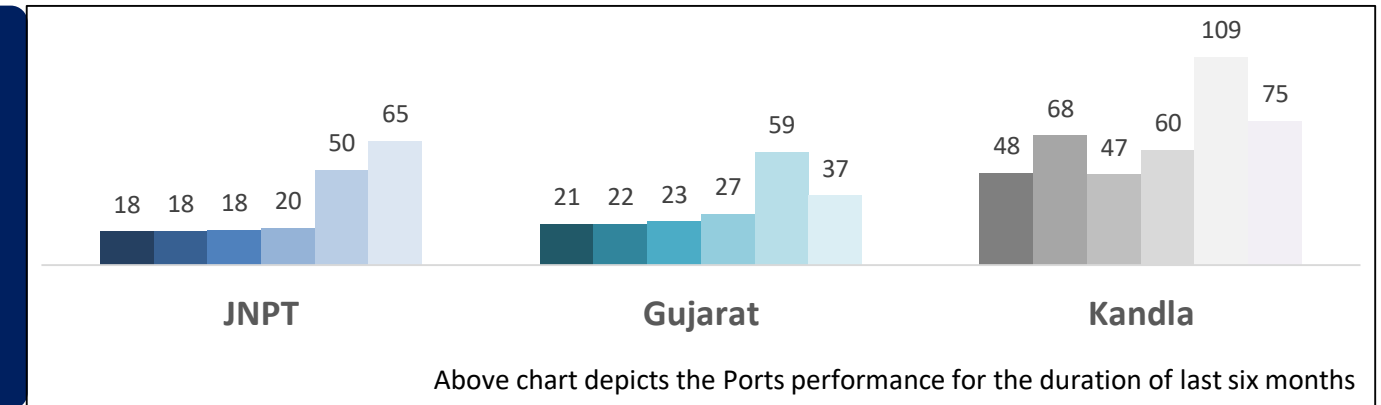
Port Dwell Time Performance – Western Corridor (Import Cycle)

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

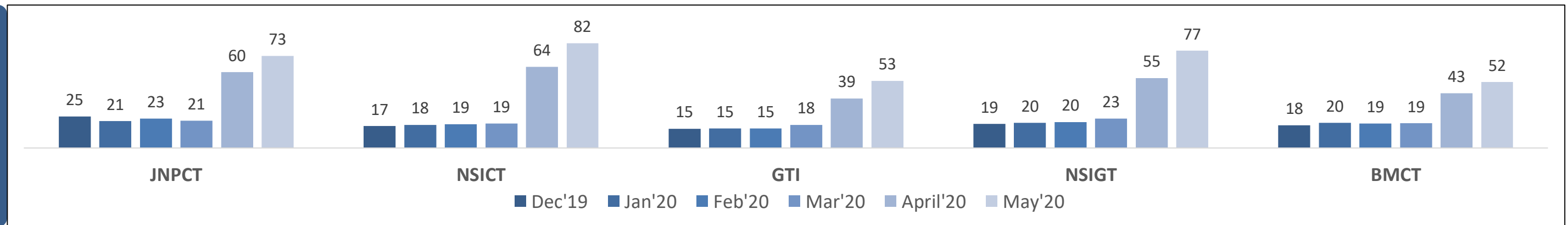
Western Corridor



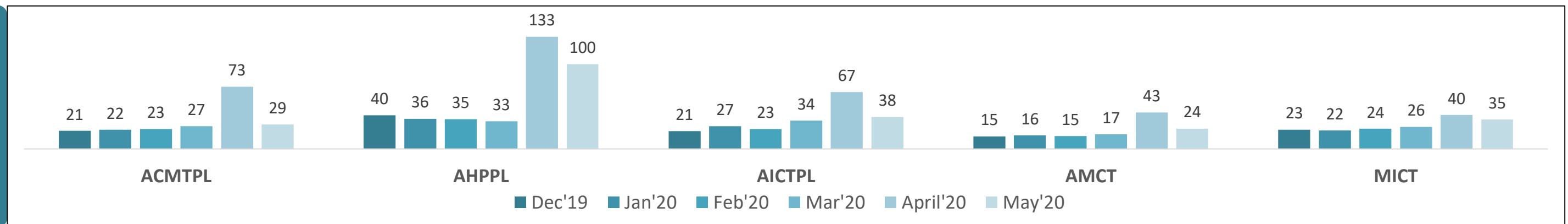
Port - Wise



JNPT - Terminal



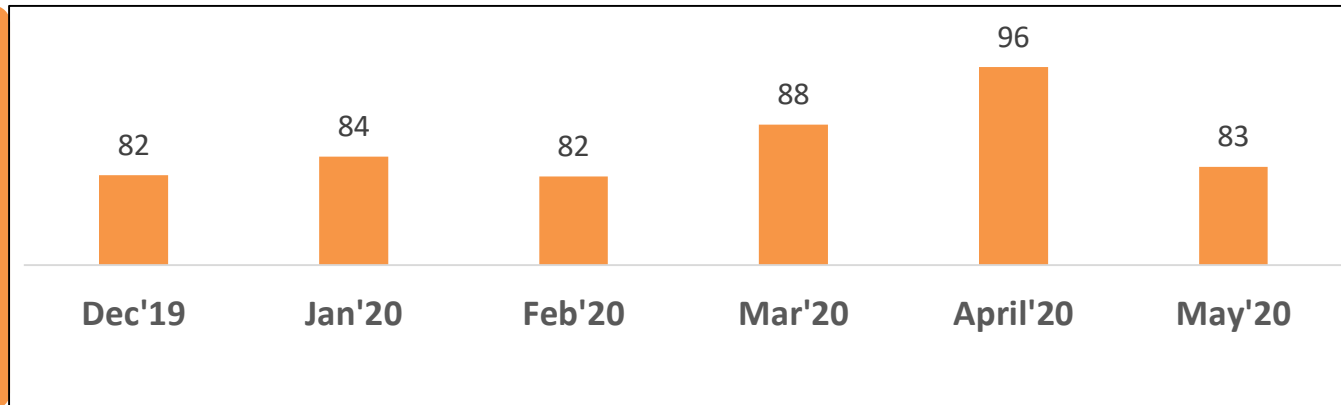
Gujarat - Terminal



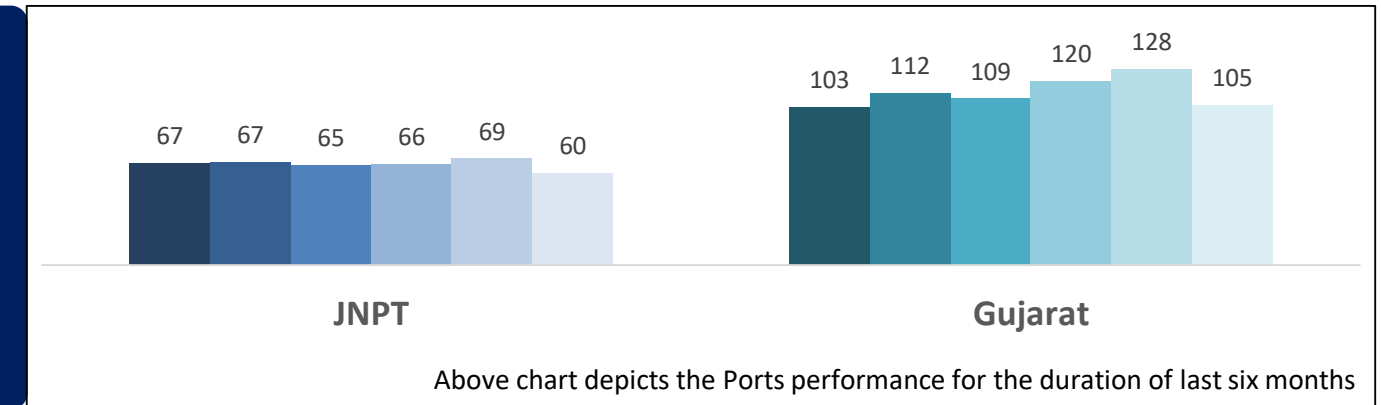
Port Dwell Time Performance – Western Corridor (Export Cycle)

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

Western Corridor



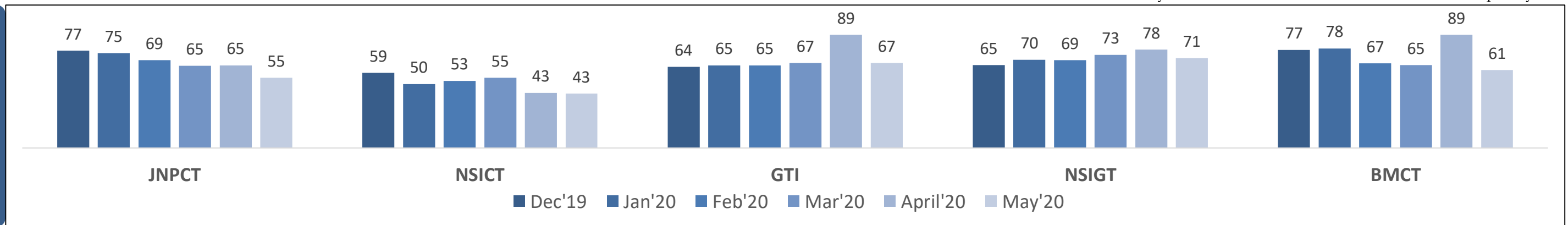
Port - Wise



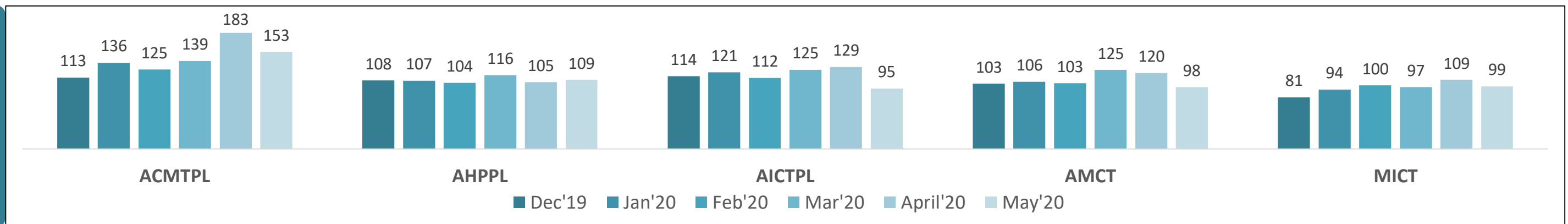
Above chart depicts the Ports performance for the duration of last six months

Kandla Port Terminal has been removed from the analysis as there was no sufficient volume in their export cycle

JNPT - Terminal



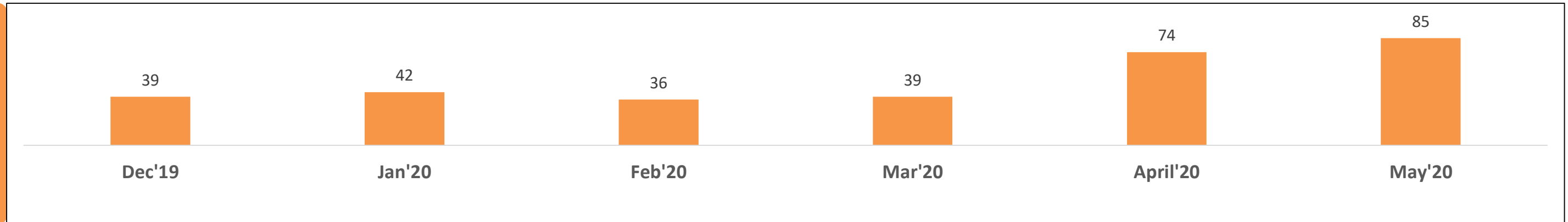
Gujarat - Terminal



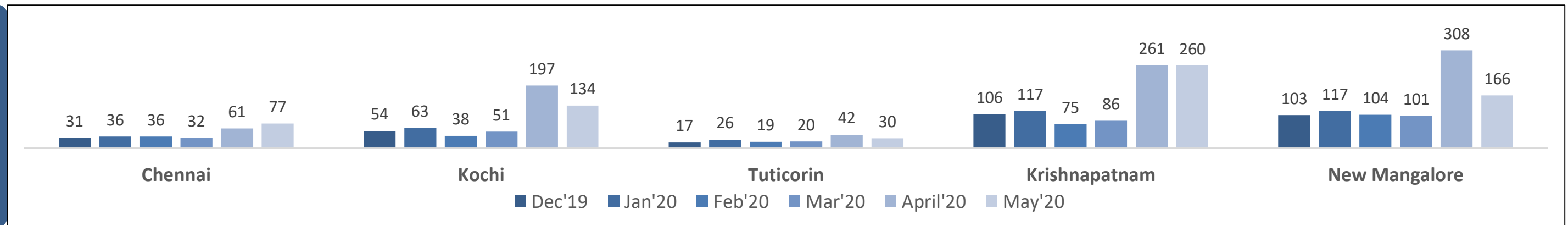
Port Dwell Time Performance – Southern Corridor (Import Cycle)

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

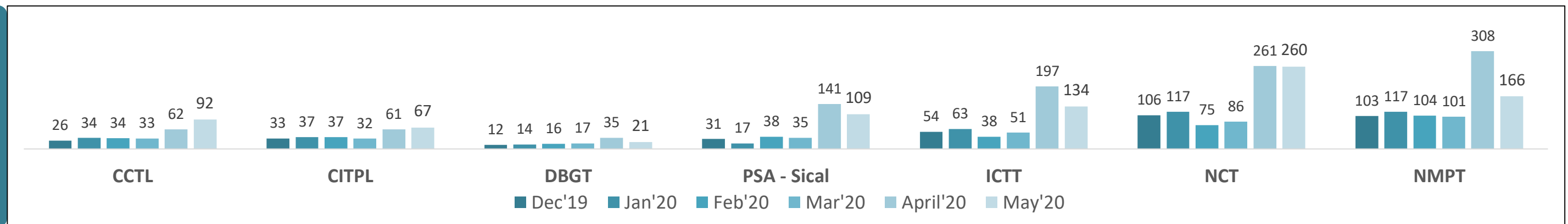
Southern Corridor



Port - Wise



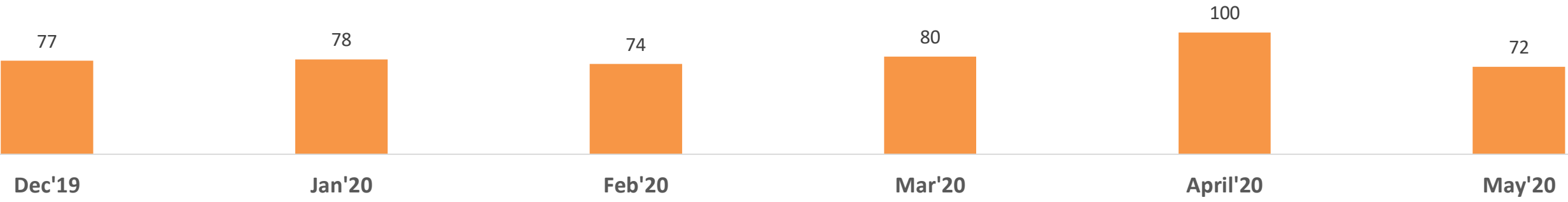
Terminal - Wise



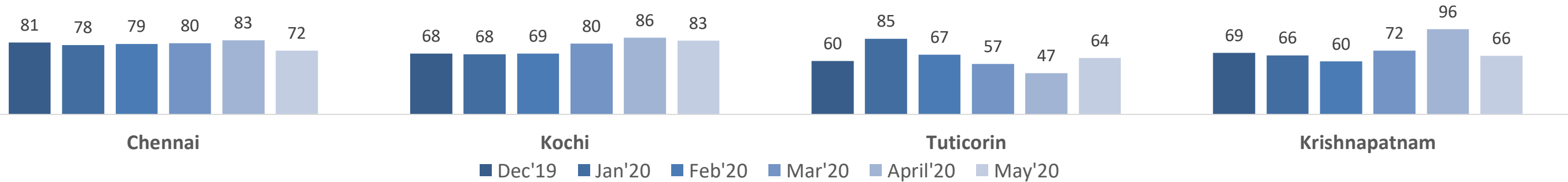
Port Dwell Time Performance – Southern Corridor (Export Cycle)

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

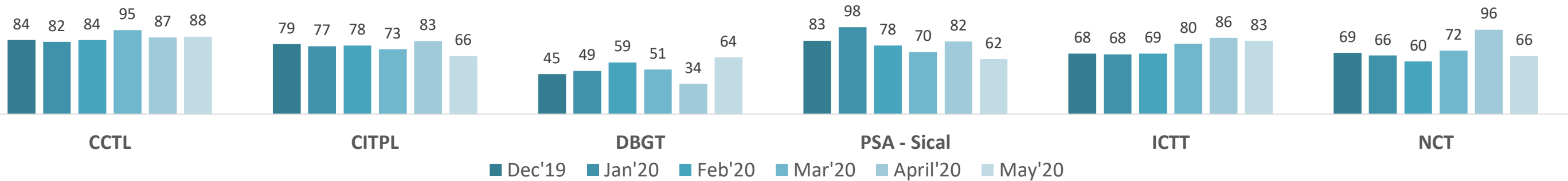
Southern Corridor



Port - Wise



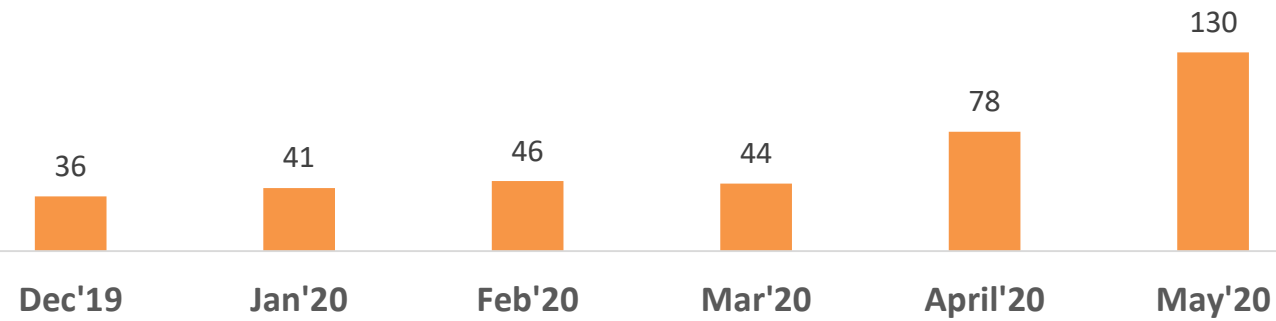
Terminal - Wise



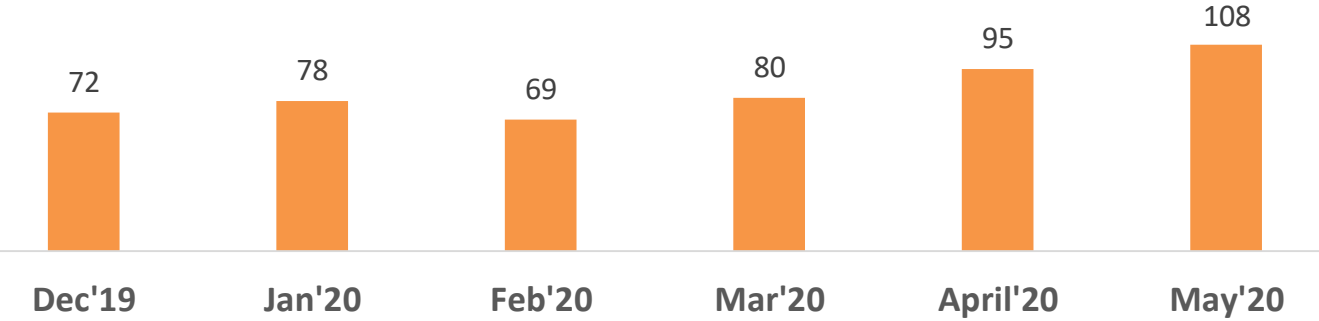
New Mangalore Port Terminal has been removed from the analysis as there was no sufficient volume in their export cycle

Import Cycle (in hrs)

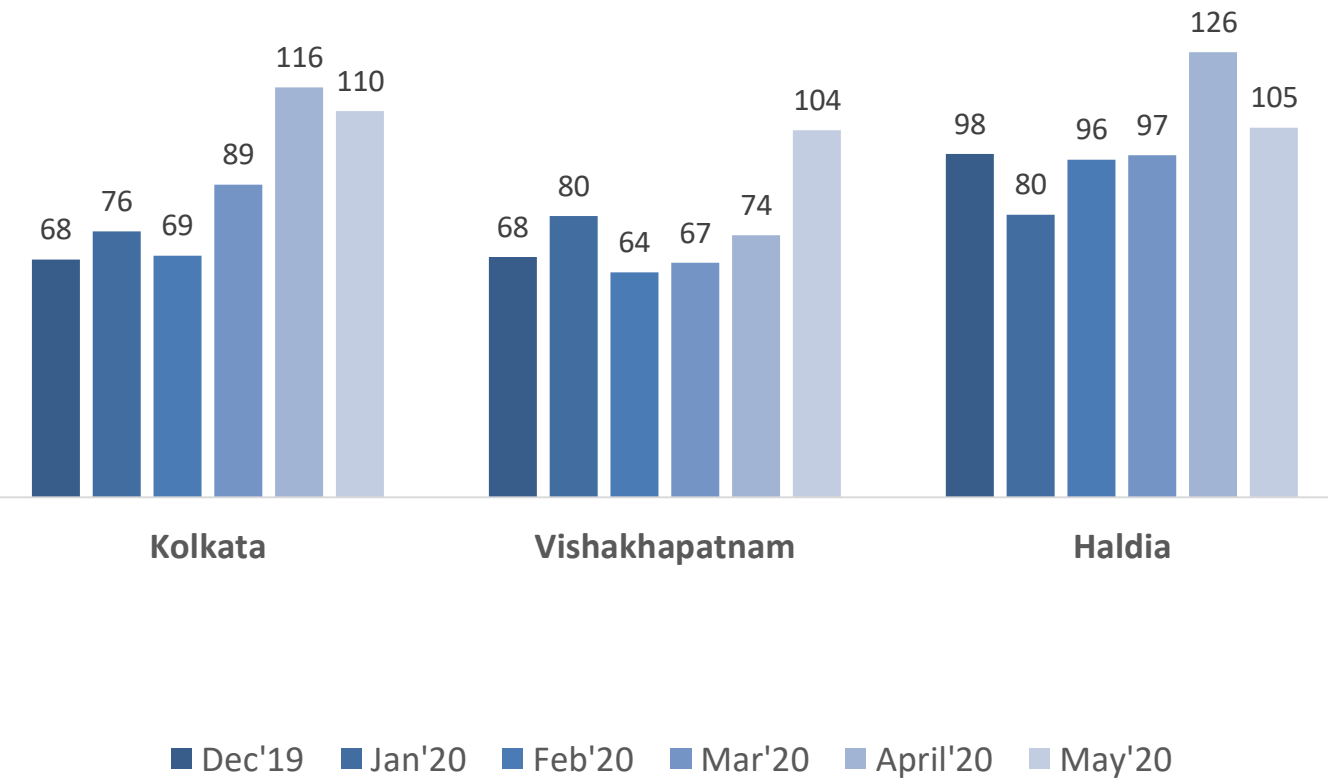
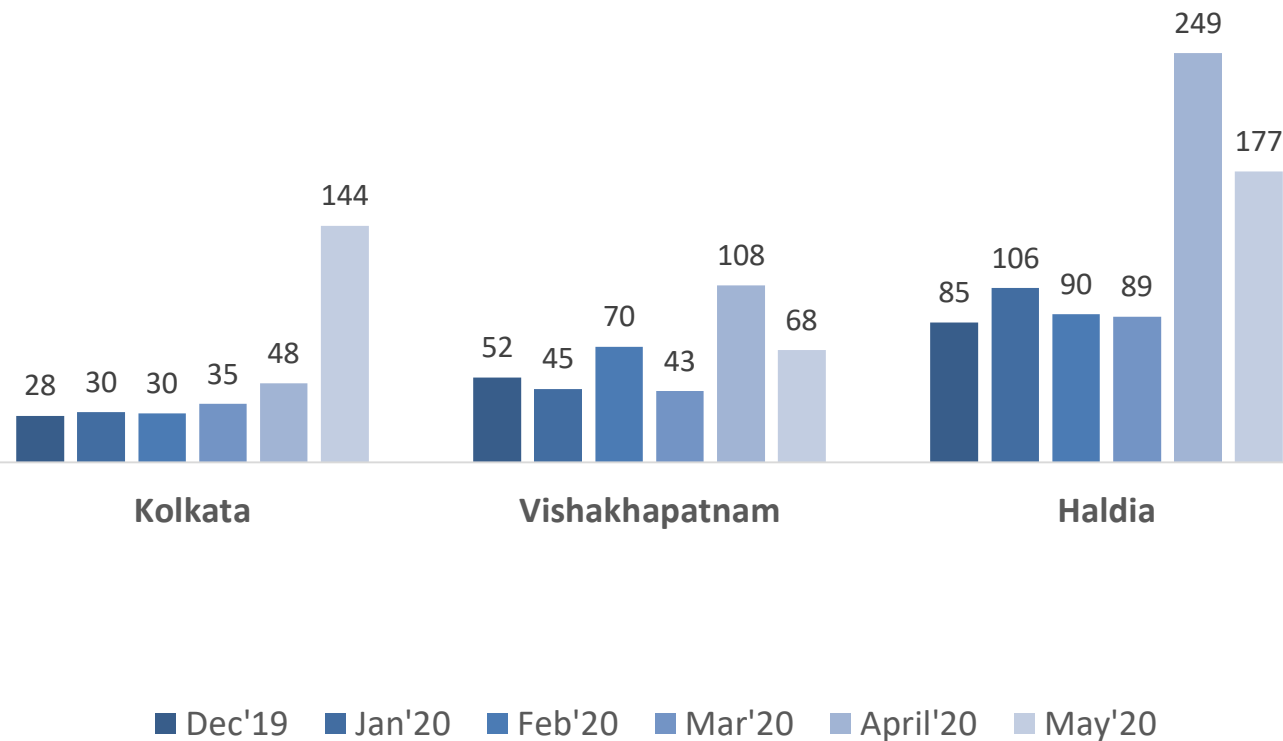
Eastern Corridor



Export Cycle (in hrs)







Port - Wise



Western Corridor

- The Overall container handling performance in Western Corridor in both Import & Export Cycle has improved by 5% & 14%
- The container handling performance at CFS has deteriorated by 0.4% whereas container handling performance at ICD has improved by 11% respectively.

Month	Import cycle - Dwell Time	Export cycle - Dwell Time	CFS Dwell Time	ICD Dwell Time
May'20	50.1 hrs 	82.8 hrs 	94.5 hrs 	143.3 hrs 
Apr'20	52.7 hrs	95.8 hrs	94.1 hrs	160.4 hrs

Southern Corridor

- The Overall container handling performance in Southern Corridor in Import Cycle has deteriorated by 15% whereas container handling in export cycle has improved by 28%
- The container handling performance at CFS has deteriorated by 14%

Month	Import cycle - Dwell Time	Export cycle - Dwell Time	CFS Dwell Time
May'20	85.0 hrs 	71.6 hrs 	107.5 hrs 
Apr'20	73.9 hrs	99.7 hrs	94.6 hrs

Eastern Corridor

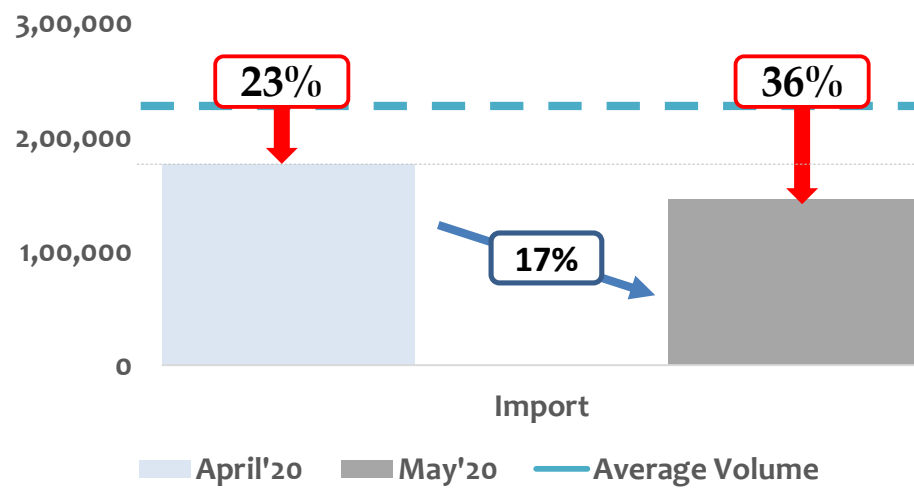
- The Overall container handling performance in Eastern Corridor in both Import & Export Cycle has deteriorated by 66% & 13%
- The container handling performance at CFS has improved by 16%

Month	Import Cycle - Dwell Time	Export Cycle - Dwell Time	CFS Dwell Time
May'20	129.5 hrs 	107.8 hrs 	141.0 hrs 
Apr'20	77.9 hrs	95.1 hrs	168.1 hrs

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

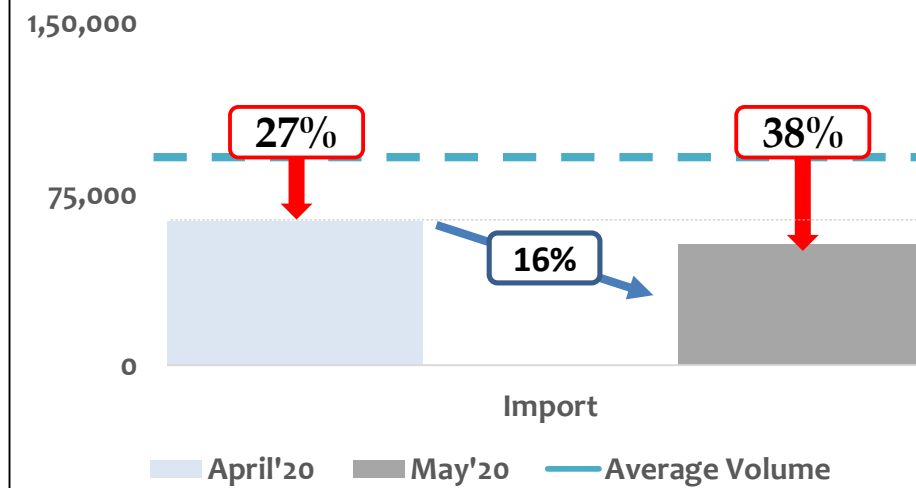
Western Corridor

Import Cycle



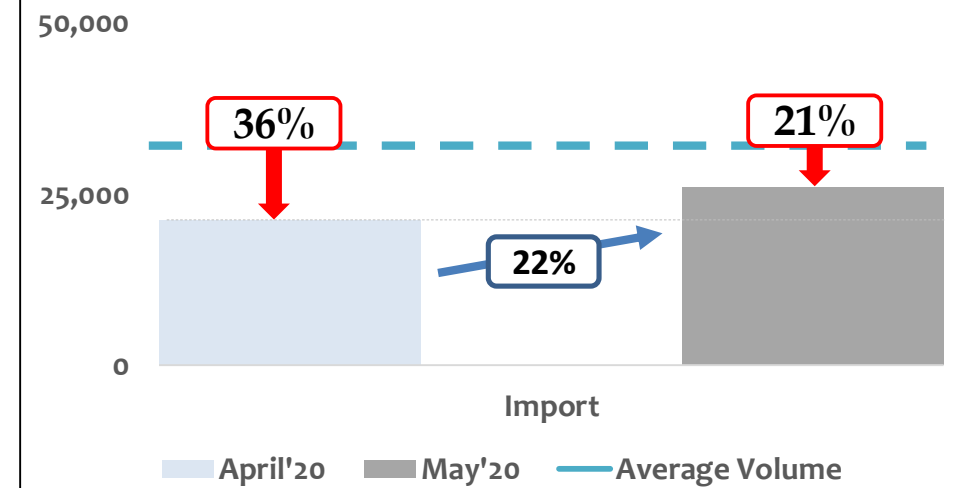
Southern Corridor

Import Cycle

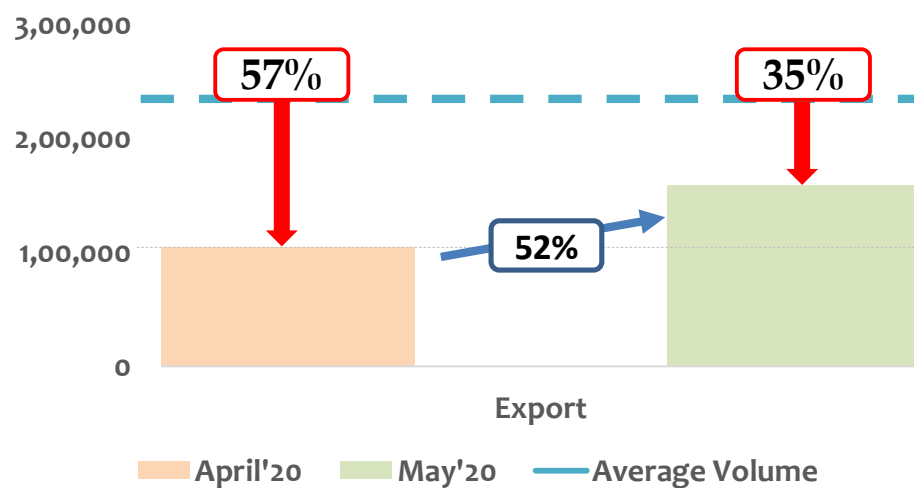


Eastern Corridor

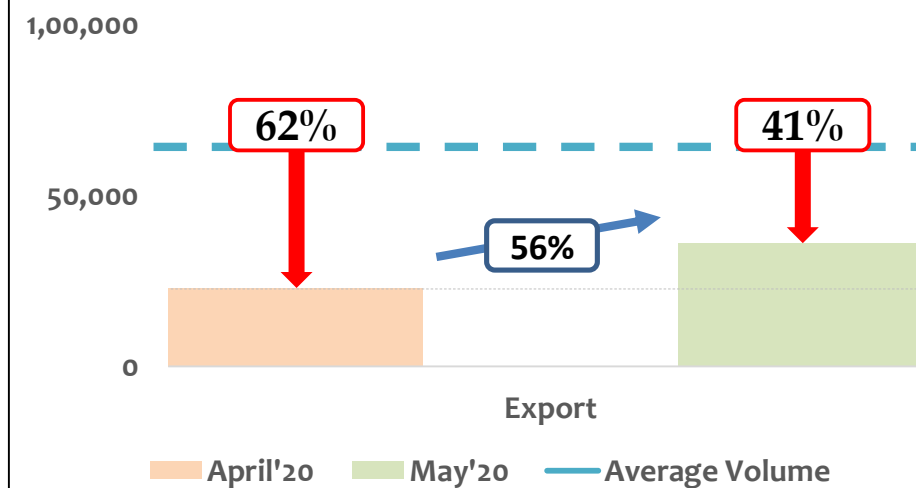
Import Cycle



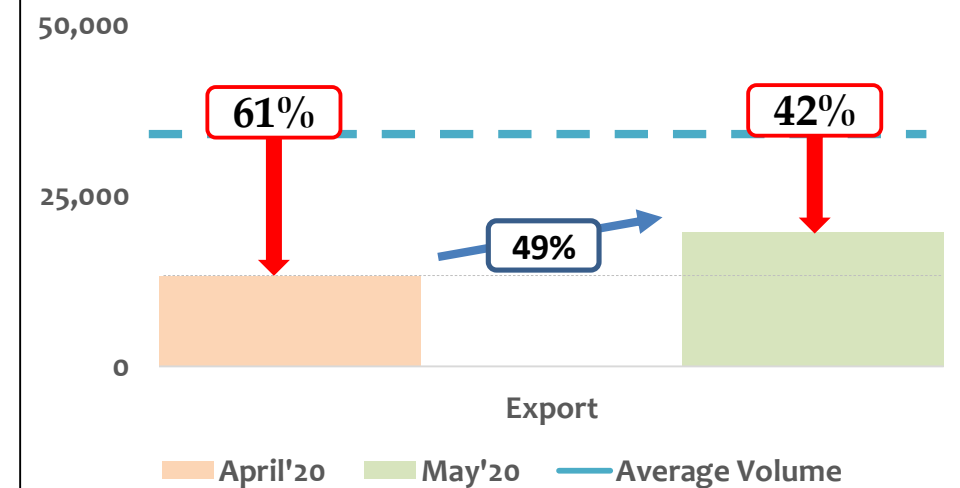
Export Cycle



Export Cycle



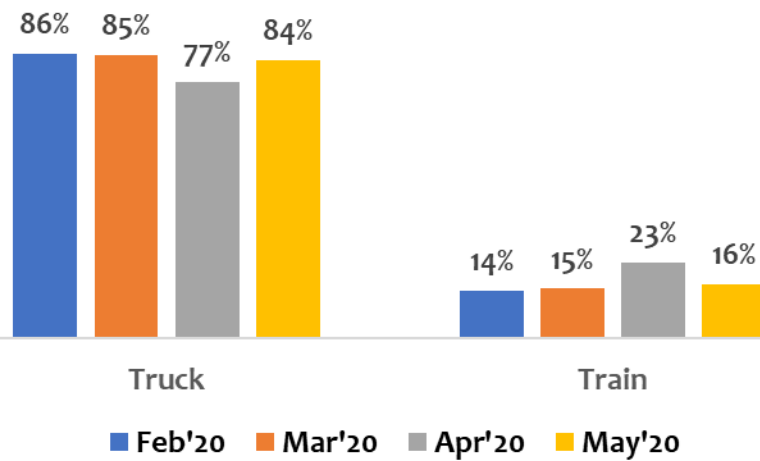
Export Cycle



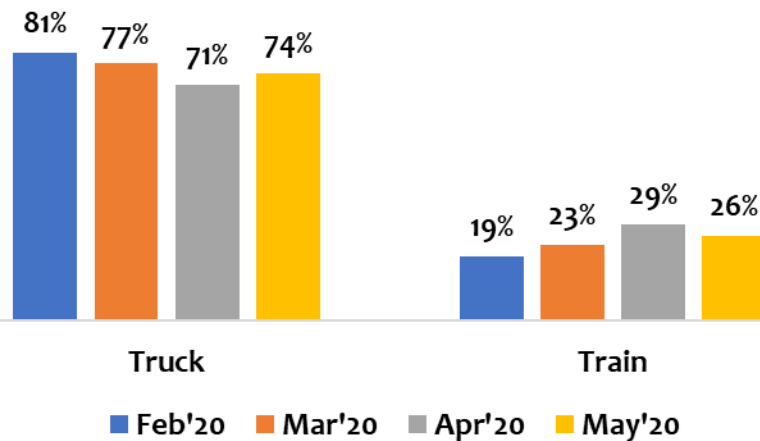
Below table depicts the volume % share of Truck & Train and impact of Covid-19 on the Traffic movements and the difficulty of road movements during the lockdown

Western Corridor

Import Cycle

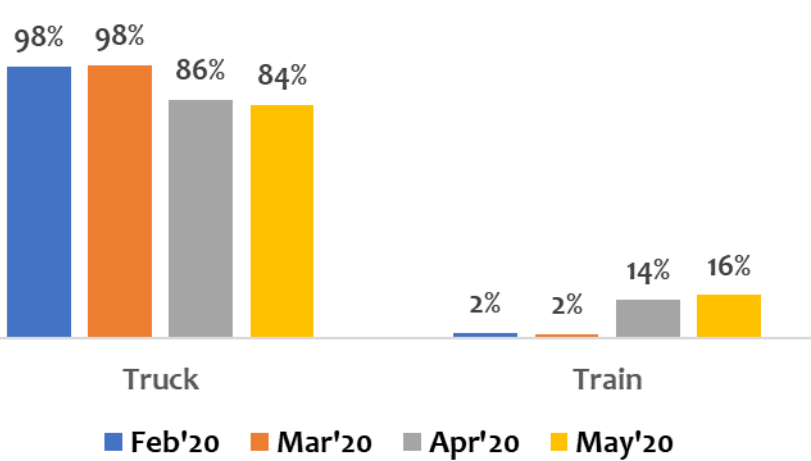


Export Cycle

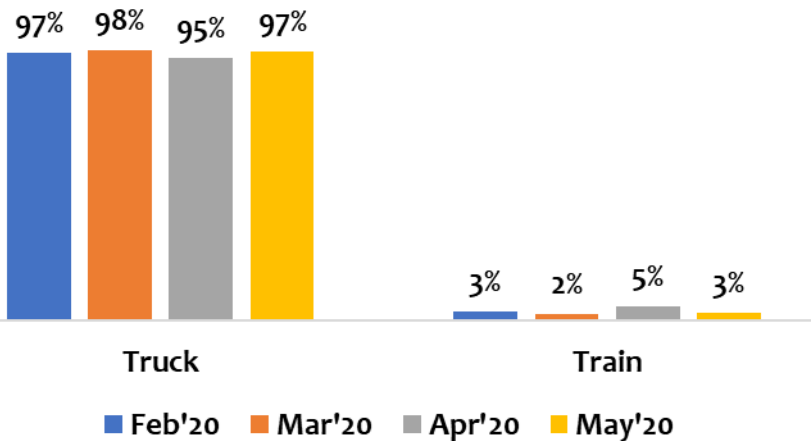


Southern Corridor

Import Cycle

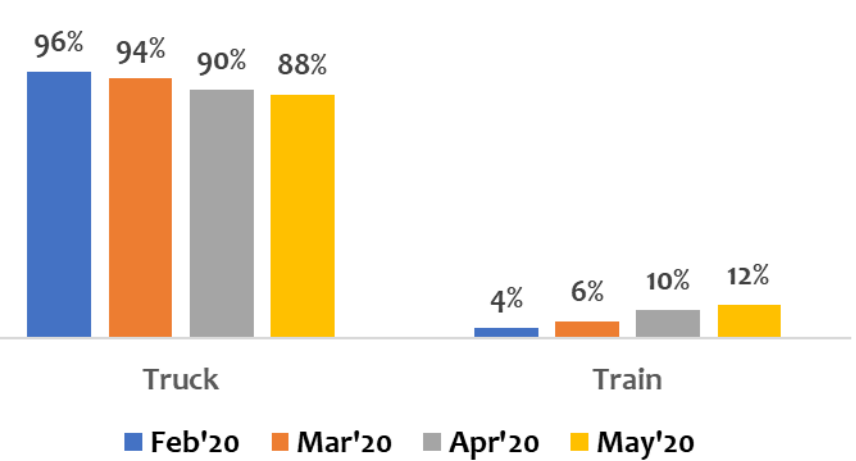


Export Cycle

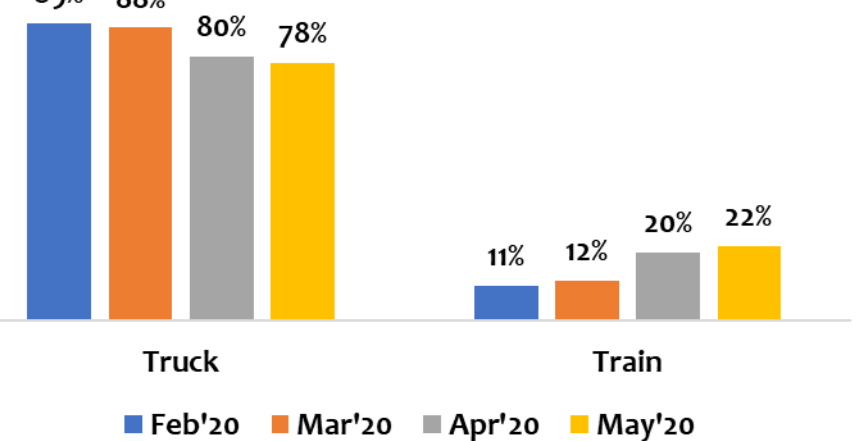


Eastern Corridor

Import Cycle



Export Cycle

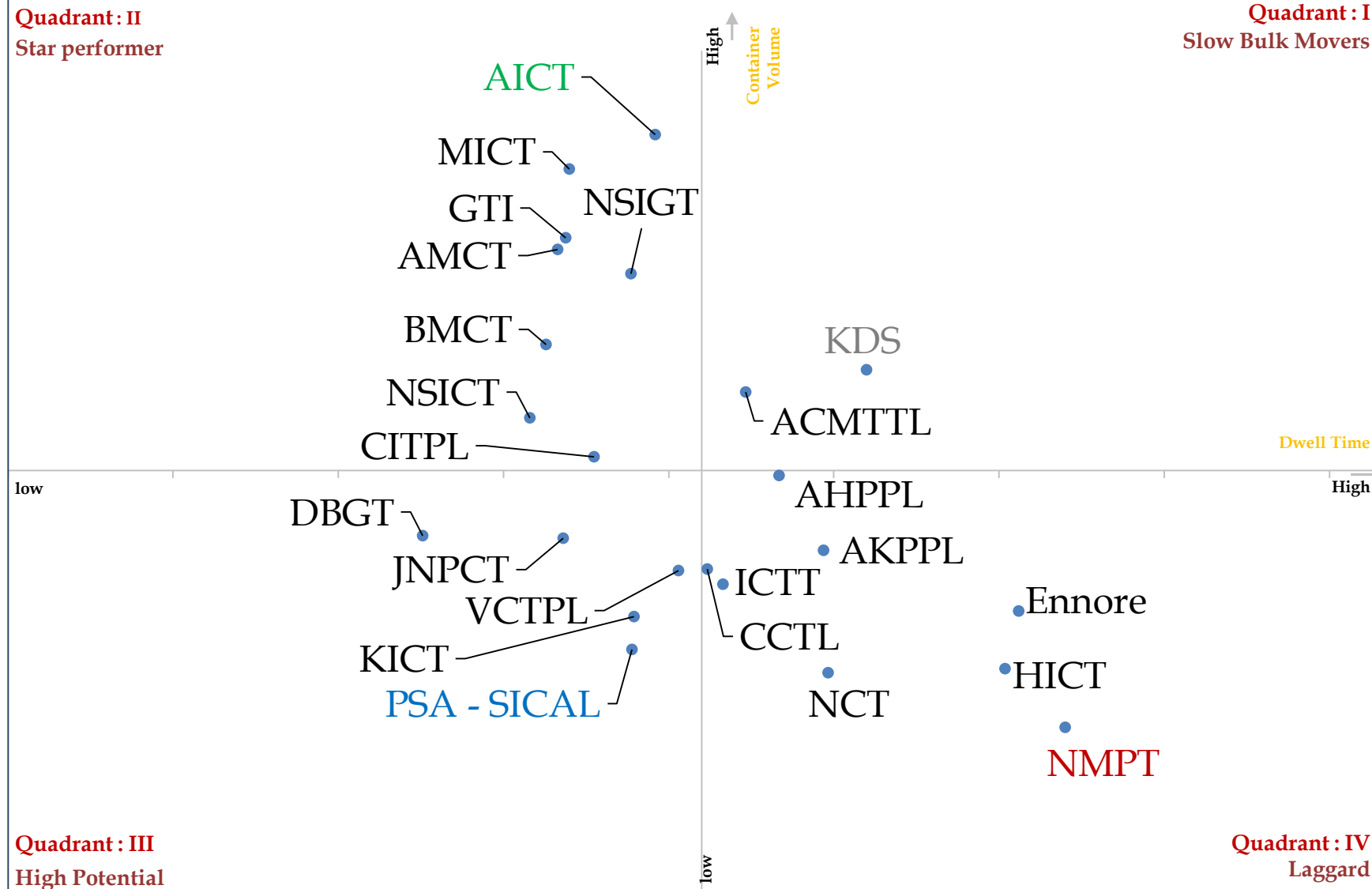




Performance Benchmarking - Port Terminals

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

Port Terminal Performance Index - May'20



Due to low volume count in export cycle at Kandla & New Mangalore Port Terminal, hence only import volume has been considered in the analysis



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

Top Performing Terminal

Adani International Container Terminal (AICT)

Apr'20

May'20

103.3 hrs

79.6 hrs



Low Performing Terminal

New Mangalore Port Trust

Apr'20

May'20

304.3 hrs

165.5 hrs



Note: The performance benchmarking is based on performance index



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

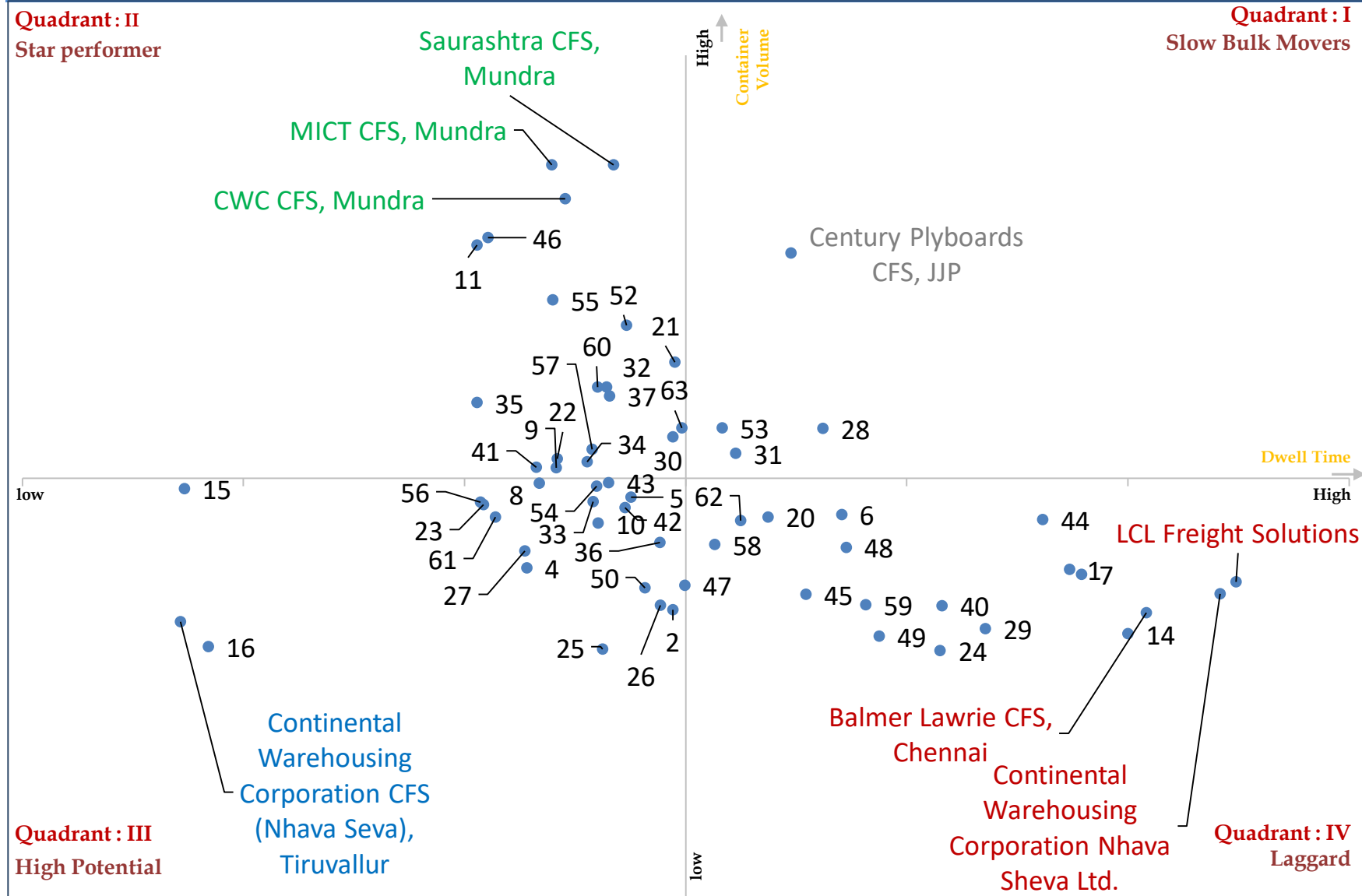
High Potential : consist of entities which have catered relatively lower container volume in lower dwell time

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 - May'20



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

Top Three Performing CFSs

CFS Name	Apr'20	May'20
MICT CFS, Hazira	88.9 hrs	88.6 hrs ↑
Saurashtra CFS, Mundra	97.5 hrs	101.4 hrs ↓
CWC CFS, Mundra	91.6 hrs	91.3 hrs ↑

Bottom Three Performing CFSs

CFS Name	Apr'20	May'20
Balmer Lawrie CFS, Chennai	207.0 hrs	212.1 hrs ↓
Continental Warehousing Corporation Nhava Sheva Ltd.	236.1 hrs	227.4 hrs ↑
LCL Freight Solutions	92.9 hrs	230.7 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	Apr'20 (in hrs)	May'20 (in hrs)
Overall	52.7	50.1
Truck	43.5	46.0
Train	84.5	64.8

EXPORT

Mode	Apr'20 (in hrs)	May'20 (in hrs)
Overall	95.8	82.8
Truck	90.7	81.7
Train	112.6	88.3

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





Inland
Container
Depot (ICD)



Container
Freight
Stations (CFS)

Entity	Apr'20 (in hrs)	May'20 (in hrs)
CFS	94.1	94.5
ICD	160.4	143.3

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

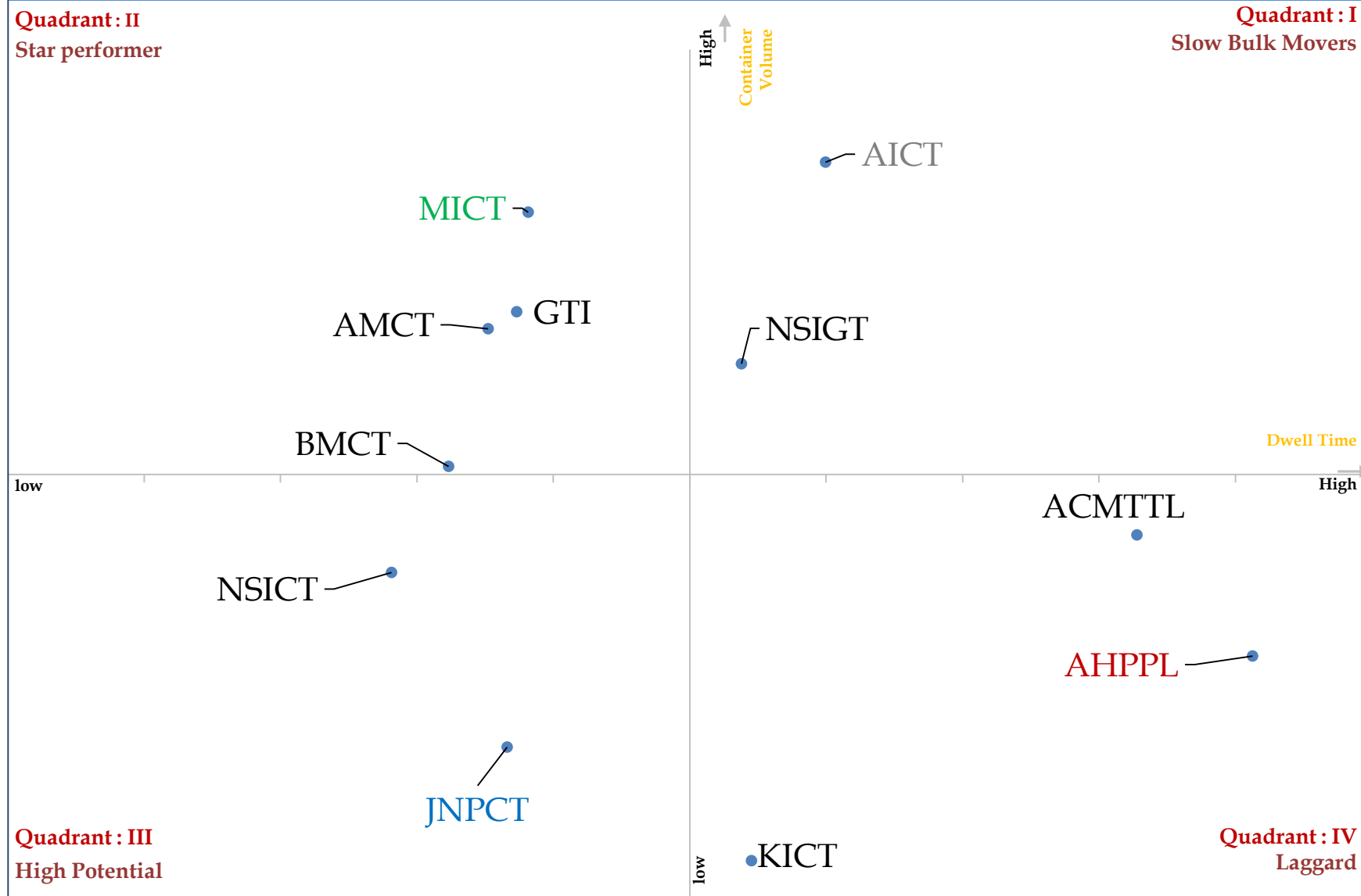
 The marked entries showcase decrease in performance in comparison to Apr'20



Performance Benchmarking - Port Terminals

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

Port Terminal Performance Index - May'20



Due to low volume count in export cycle at Kandla Port Terminal, hence only import volume has been considered in the analysis



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

Top Performing Terminal

Mundra International Container Terminal (MICT)

Apr'20	May'20
65.3 hrs	61.5 hrs ↑

Low Performing Terminal

Adani Hazira Port Private Limited (AHPPL)

Apr'20	May'20
121.6 hrs	105.5 hrs ↑

Note: The performance benchmarking is based on performance index



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

Ashutosh CFS, Mundra

Apr'20

69.8 hrs

May'20

73.1 hrs



Low Performing CFS

CWC Dronagiri CFS, Navi Mumbai

Apr'20

28.4 hrs

May'20

133.5 hrs

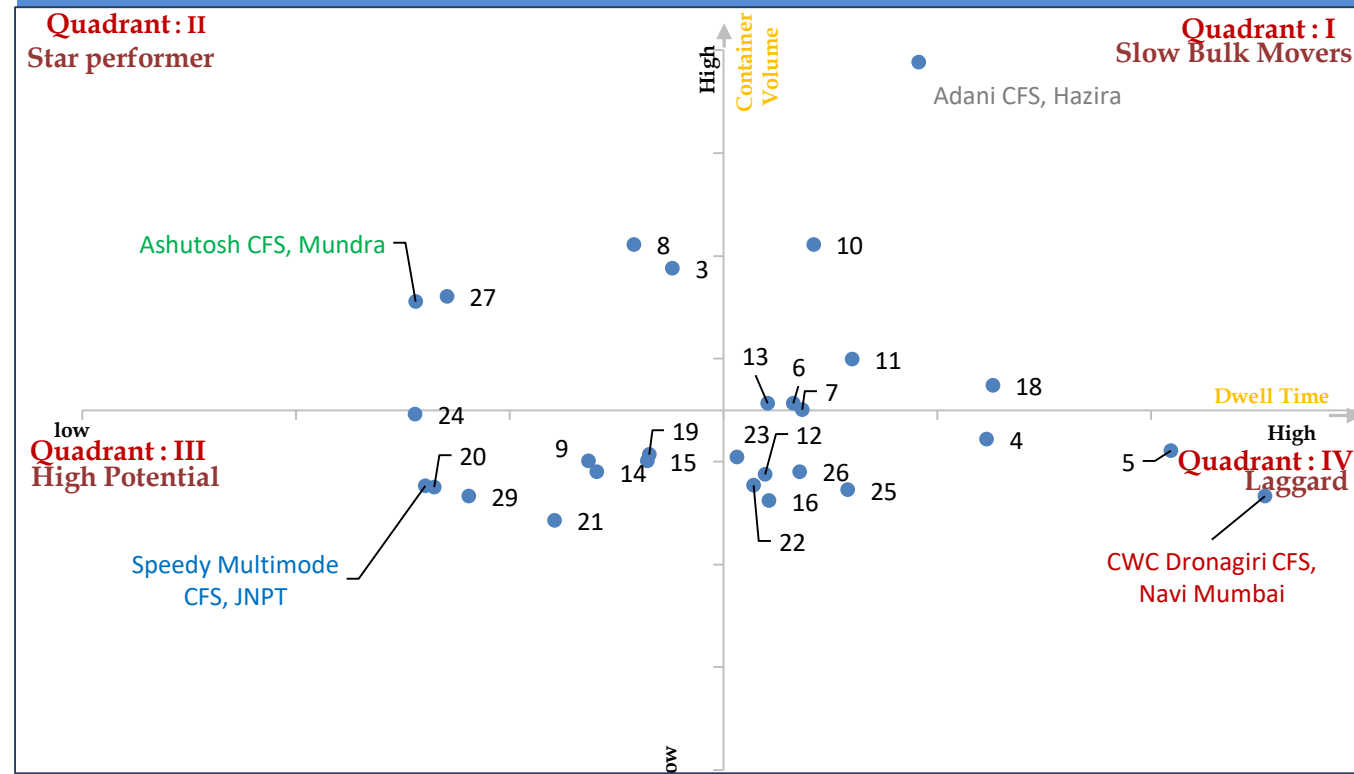


Note: The performance benchmarking is based on performance index



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

Performance Index: Western Corridor CFS



Top Performing ICD

Gateway Rail Freight ICD, Gurgaon

Apr'20

152.6 hrs

May'20

122.2 hrs



Low Performing ICD

Adani Logistics Park ICD, Gurgaon

Apr'20

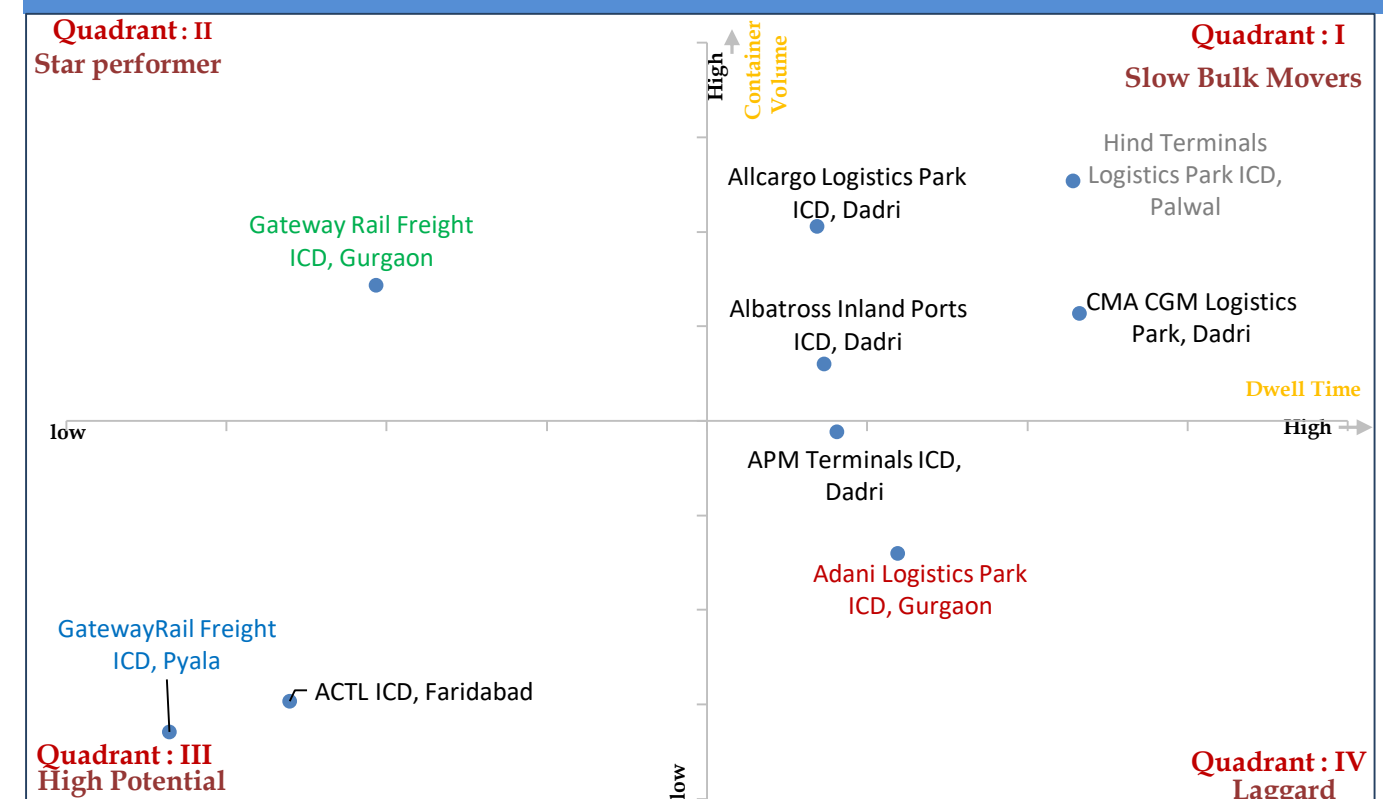
194.4 hrs

May'20

148.0 hrs



Performance Index: ICD



Kindly refer to Annexure section for the names of CFS

Port Dwell Time

IMPORT

Mode	Apr'20 (in hrs)	May'20 (in hrs)
Overall	73.9	85.0
Truck	68.4	68.7

EXPORT

Mode	Apr'20 (in hrs)	May'20 (in hrs)
Overall	99.7	71.6
Truck	78.7	69.2
Train	96.5	85.3

Container Freight Stations(CFS)- Dwell Time



Container
Freight
Stations

Entity	Apr'20 (in hrs)	May'20 (in hrs)
CFS	94.6	107.5

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

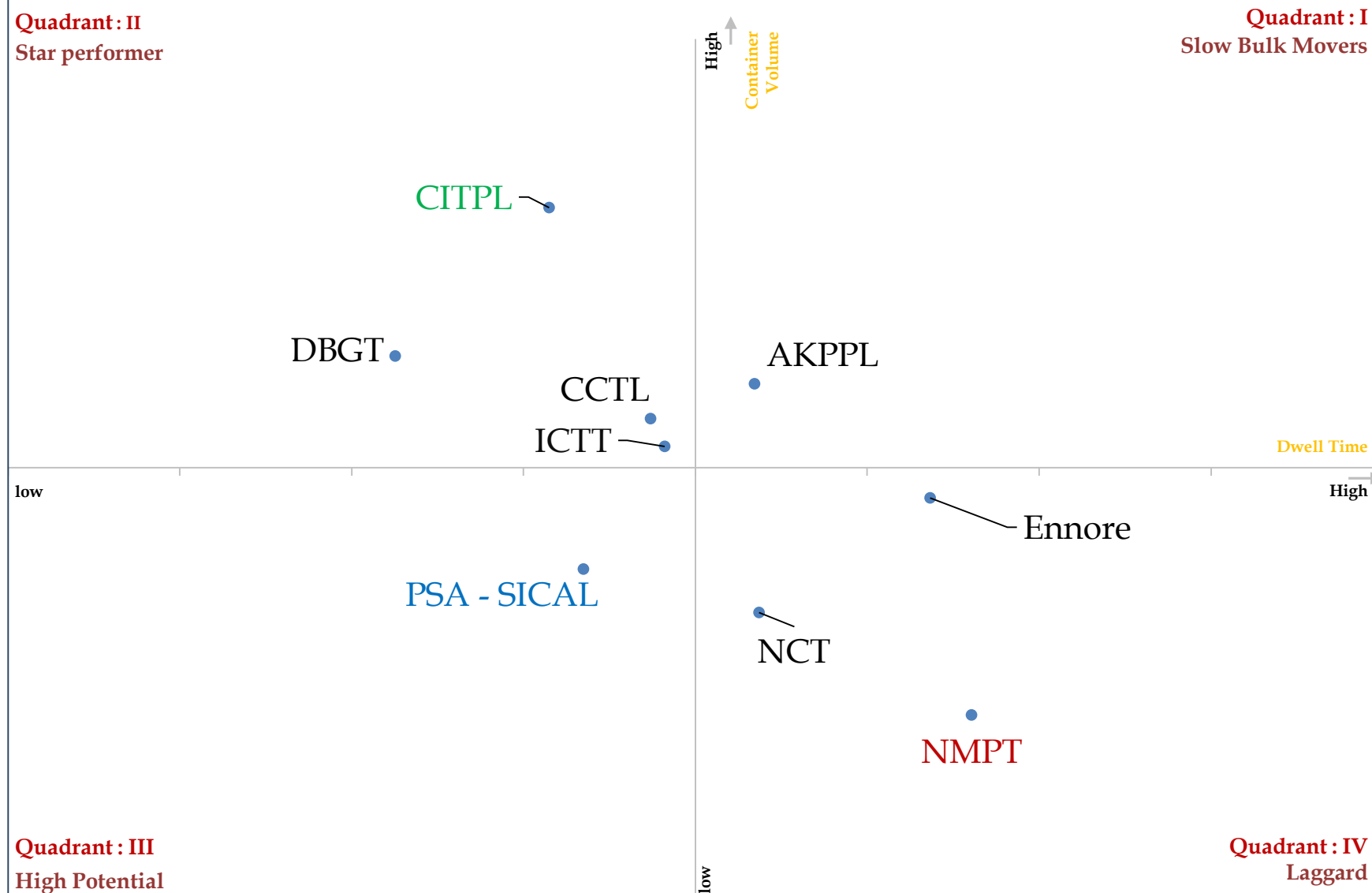
The marked entries showcase decrease in performance in comparison to Apr'20



Performance Benchmarking - Port Terminals

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

Southern Corridor Port Terminal Performance Index – May'20



Due to low volume count in export cycle at New Mangalore Port Terminal, hence only import volume has been considered in the analysis



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

Top Performing Terminal

Chennai International Terminals Pvt Ltd (CITPL)

Apr'20

May'20

65.9 hrs

66.7 hrs



Low Performing Terminal

New Mangalore Port Trust Terminal

Apr'20

May'20

304.3 hrs

165.6 hrs



Note: The performance benchmarking is based on performance index



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

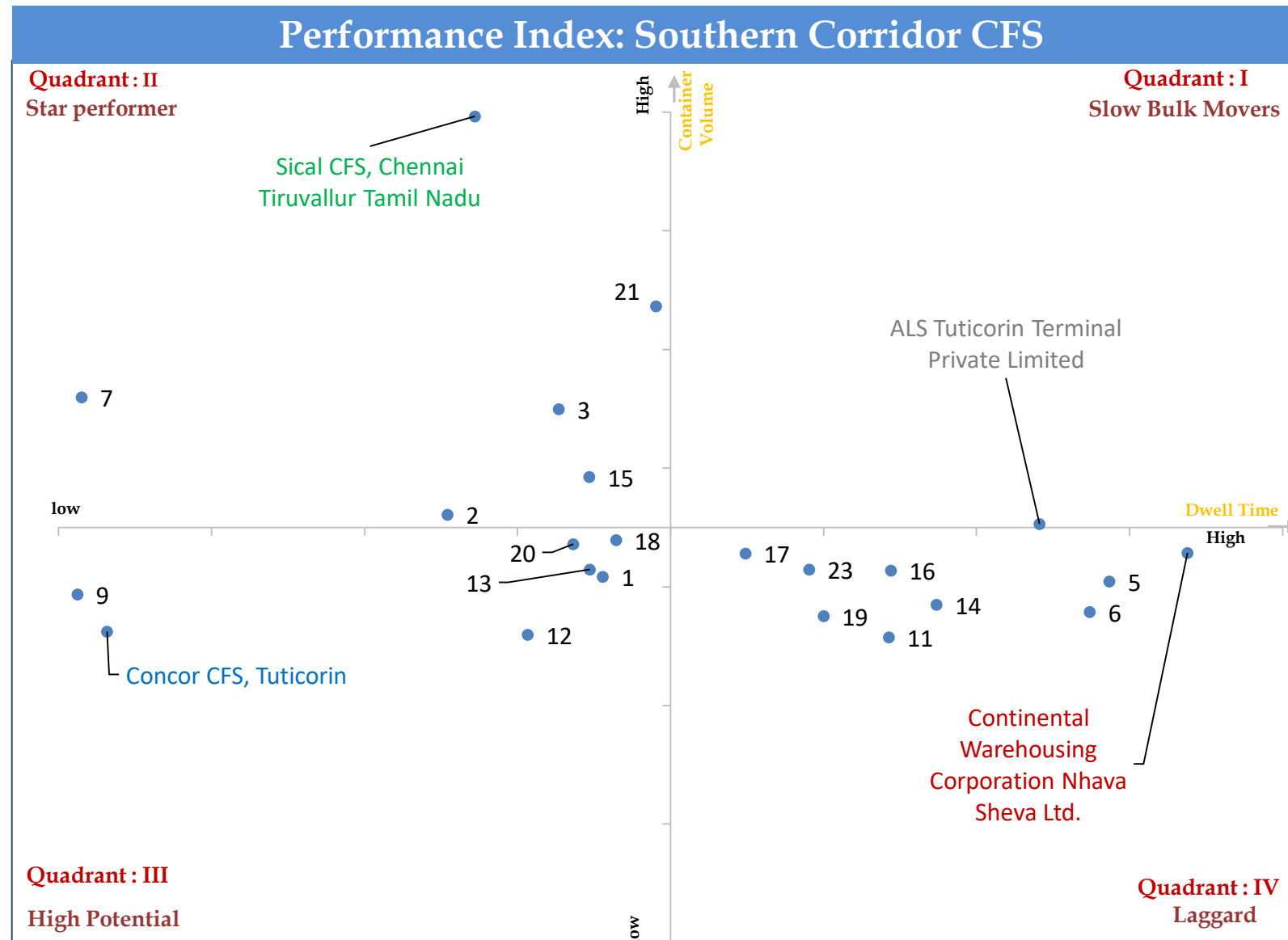
Slow Bulk Movers : consist of entities which have catered higher container volume at higher dwell time

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 May'20

Top Performing Terminal

Sical CFS, Chennai Tiruvallur Tamil Nadu

Apr'20

52.2 hrs

May'20

88.8 hrs



Low Performing Terminal

Continental Warehousing Corporation Nhava Sheva Ltd.

Apr'20

236.1 hrs

May'20

227.4 hrs



Note: The performance benchmarking is based on performance index



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Port Dwell Time

IMPORT

Mode	Apr'20 (in hrs)	May'20 (in hrs)
Overall	77.9	129.5
Truck	68.1	122.7
Train	261.8	203.3

EXPORT

Mode	Apr'20 (in hrs)	May'20 (in hrs)
Overall	95.1	107.8
Truck	88.8	96.0
Train	122.3	179.7

Container Freight Stations(CFS)- Dwell Time



Container
Freight
Stations

Entity	Apr'20 (in hrs)	May'20 (in hrs)
CFS	168.1	141.0

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

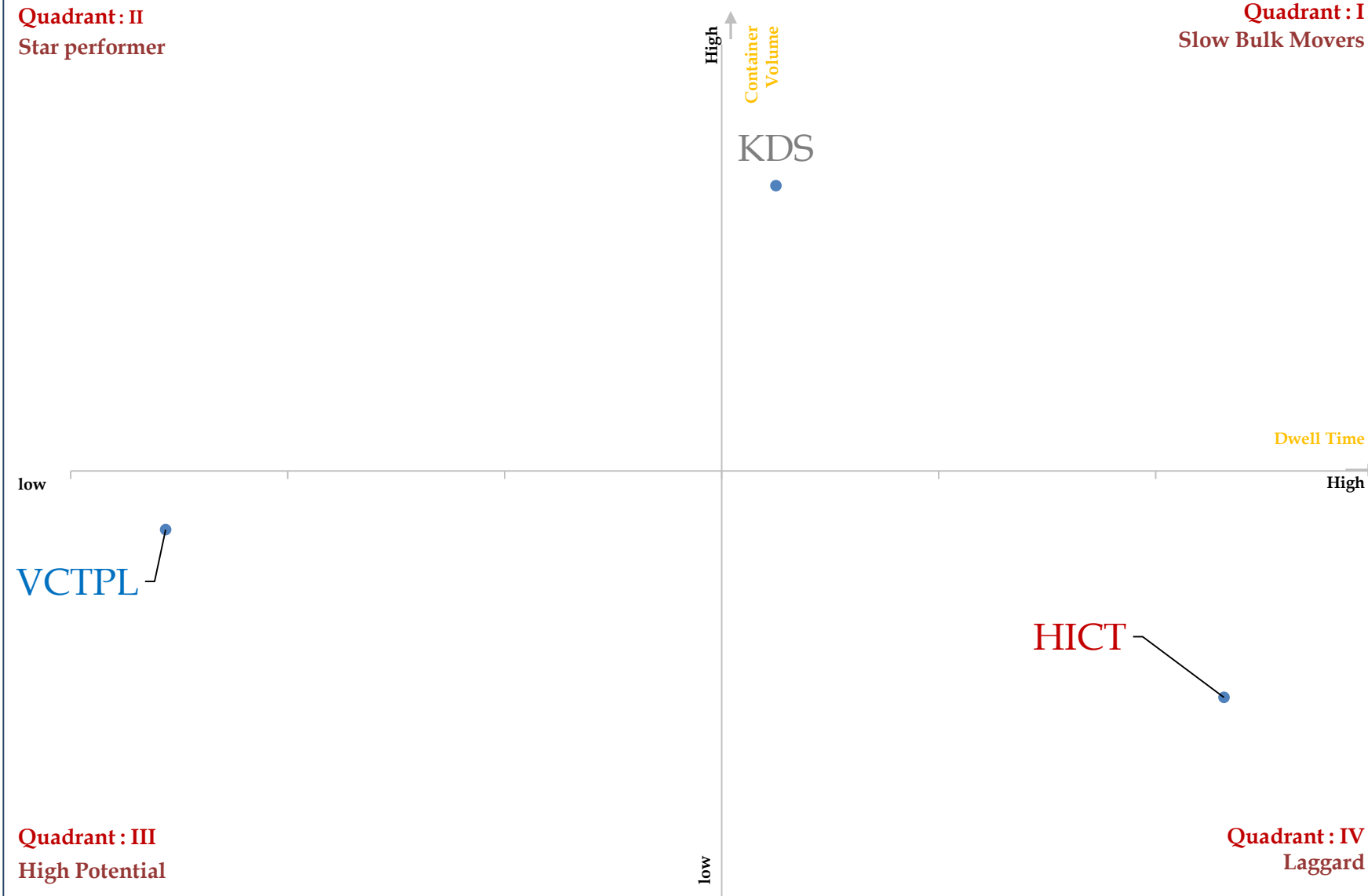
The marked entries showcase decrease in performance in comparison to Apr'20



Performance Benchmarking - Port Terminals

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


Port Terminal Performance Index – May'20



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

Low Performing Terminal

Haldia International Container Terminal (HICT)

Apr'20	May'20
208.9 hrs	152.9 hrs 

Note: The performance benchmarking is based on performance index



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

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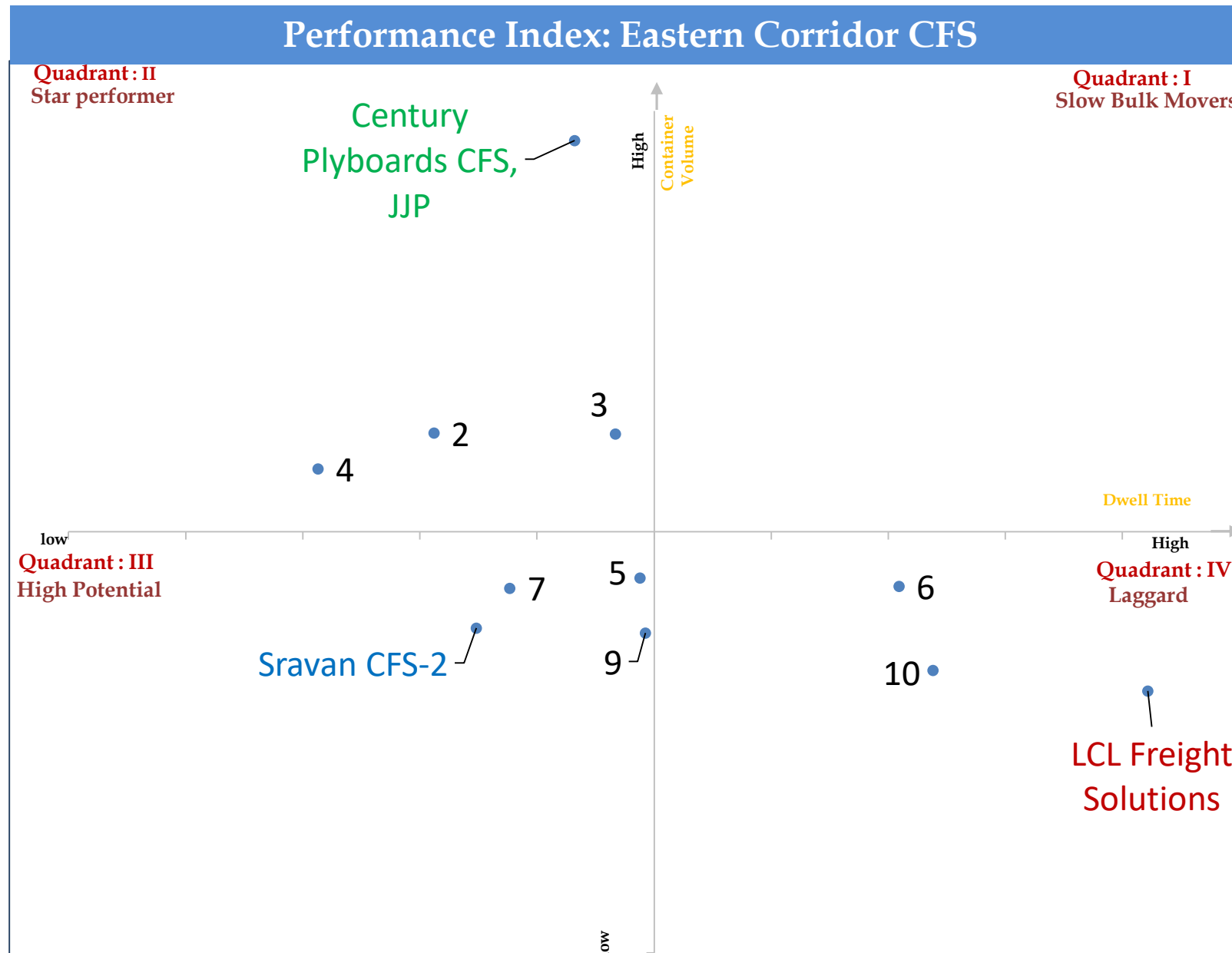
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Performance Benchmarking - CFS



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

Top Performing Terminal

Century Plyboards CFS, JJP

Apr'20

169.5 hrs

May'20

138.3 hrs ↑

Low Performing Terminal

LCL Freight Solutions

Apr'20

92.9 hrs

May'20

230.7 hrs ↓

Note: The performance benchmarking is based on performance index



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

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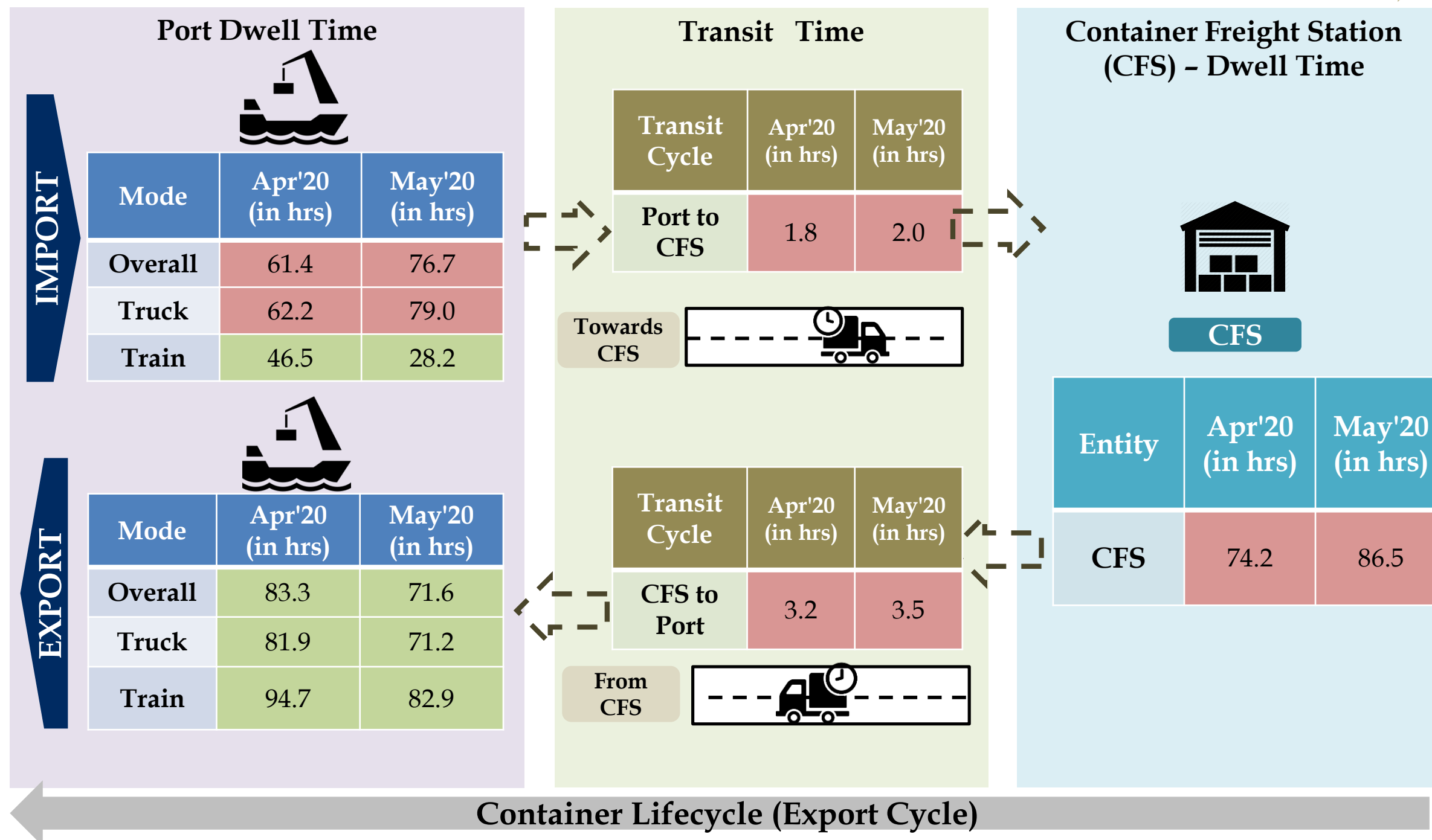
Laggard : consist of entities which have catered relatively lower container volume at higher dwell time

Annexure

Individual Terminal Performance In Southern Corridor

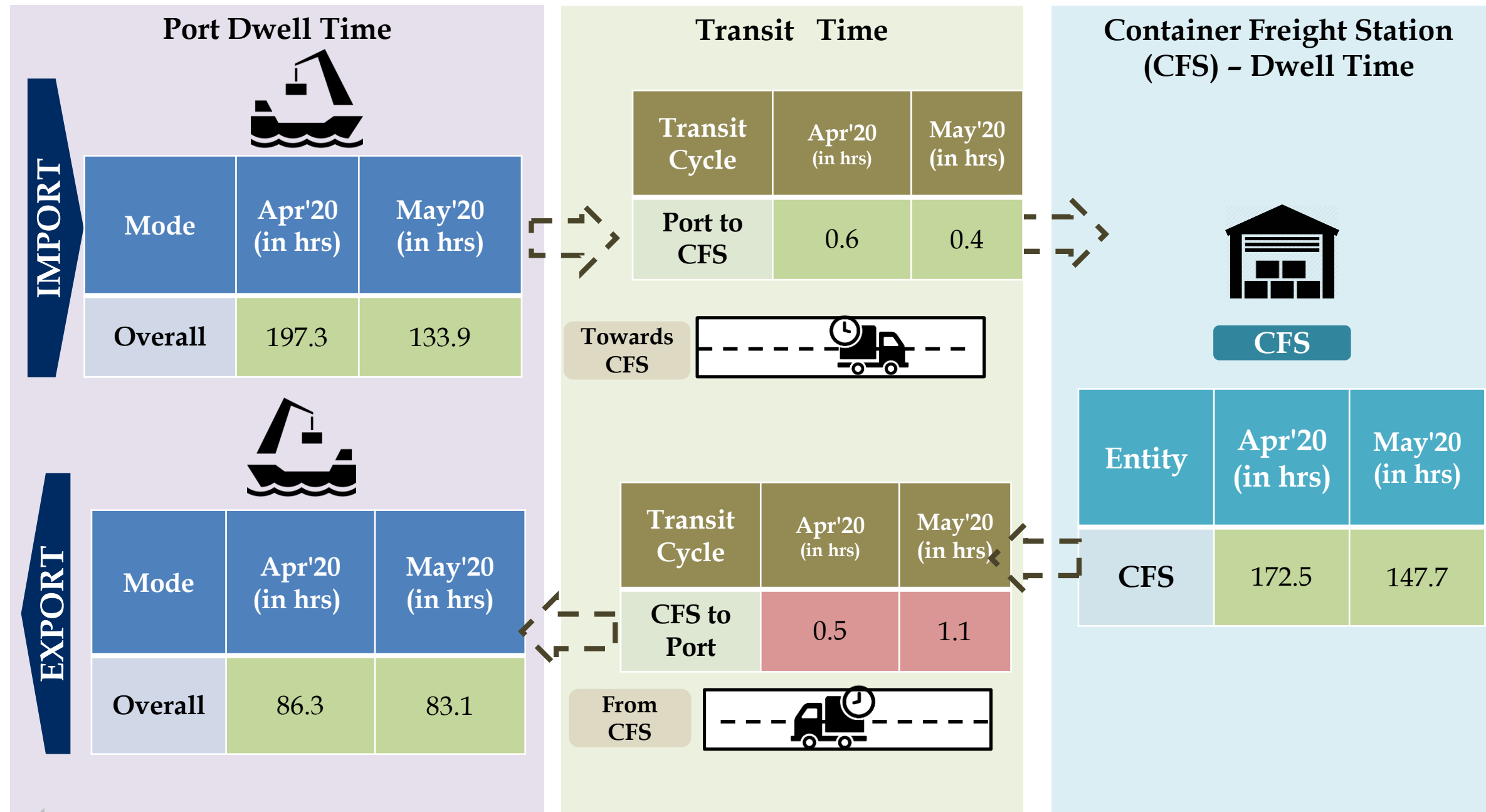
Chennai Port Terminals: Container Transportation

Container Lifecycle (Import Cycle)



Kochi Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Container Lifecycle

Port Dwell Time



IMPORT

Terminals	Apr'20 (in hrs)	May'20 (in hrs)
Overall	41.6	29.7
DBGT Port terminal	35.2	21.3
PSA SICAL	141.1	109.1



EXPORT


Terminals	Apr'20 (in hrs)	May'20 (in hrs)
Overall	46.5	63.5
DBGT Port terminals	34.1	64.1
PSA SICAL	82.1	62.1

Container Freight Station (CFS) - Dwell Time



CFS

Entity	Apr'20 (in hrs)	May'20 (in hrs)
CFS	135.1	150.1

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

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

Krishnapatnam Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)

Port Dwell Time*



Mode	Apr'20 (in hrs)	May'20 (in hrs)
Overall	261.3	259.7



Mode	Apr'20 (in hrs)	May'20 (in hrs)
Overall	95.7	66.0

Container Freight Station (CFS) - Dwell Time



CFS

Entity	Apr'20 (in hrs)	May'20 (in hrs)
CFS	106.7	117.5

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

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

Cargo Dwell Time



Port

Port Cargo Dwell time	Apr'20 (in hrs)	May'20 (in hrs)
Import	238.4	106.5
Export	59.9	59.6

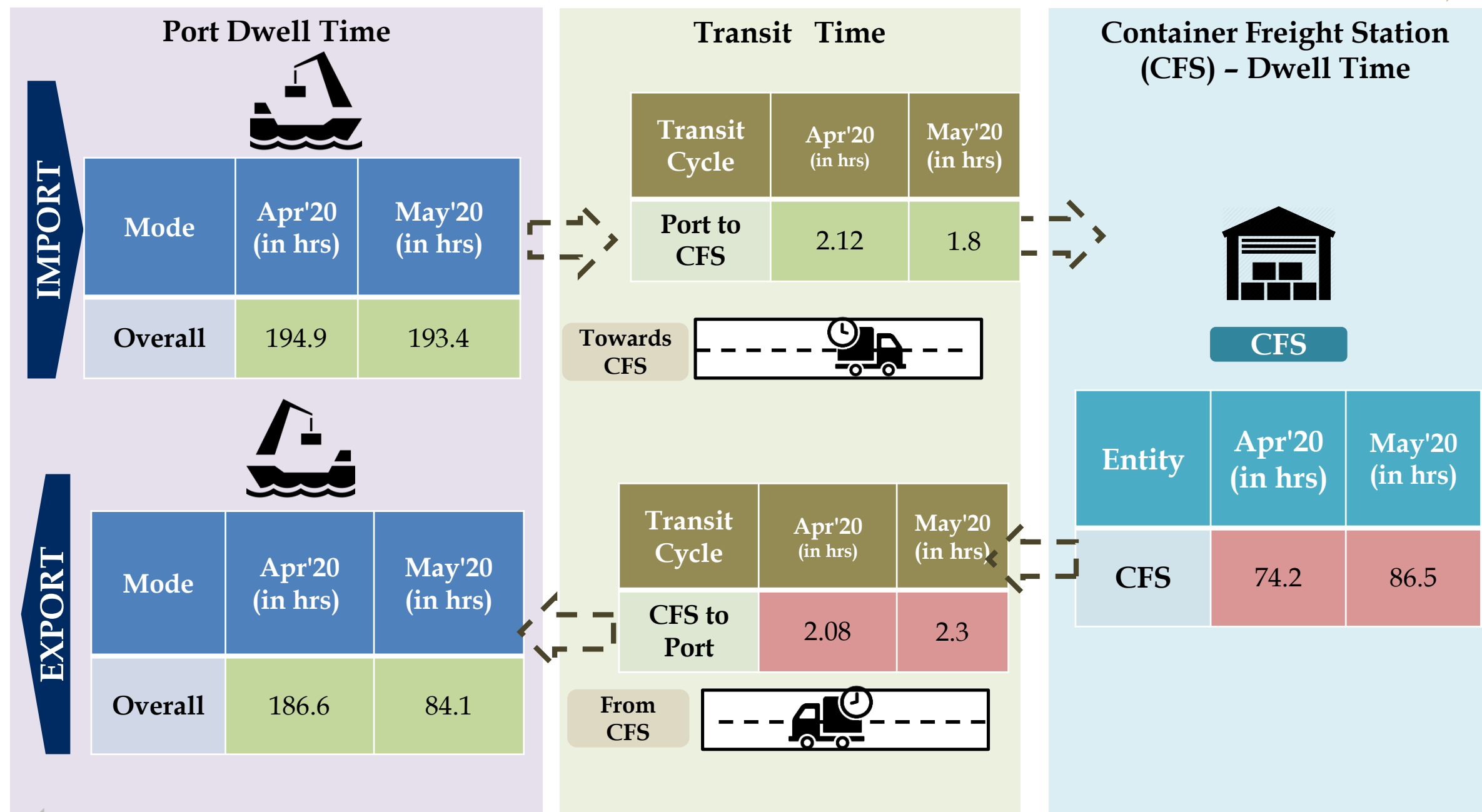
Cargo Clearance time is calculated on the basis of Container In Time and Cargo out time for Import Cycle whereas for Export Cycle it is been calculated on the basis of Cargo In time and Container Out time

Container Lifecycle (Export Cycle)

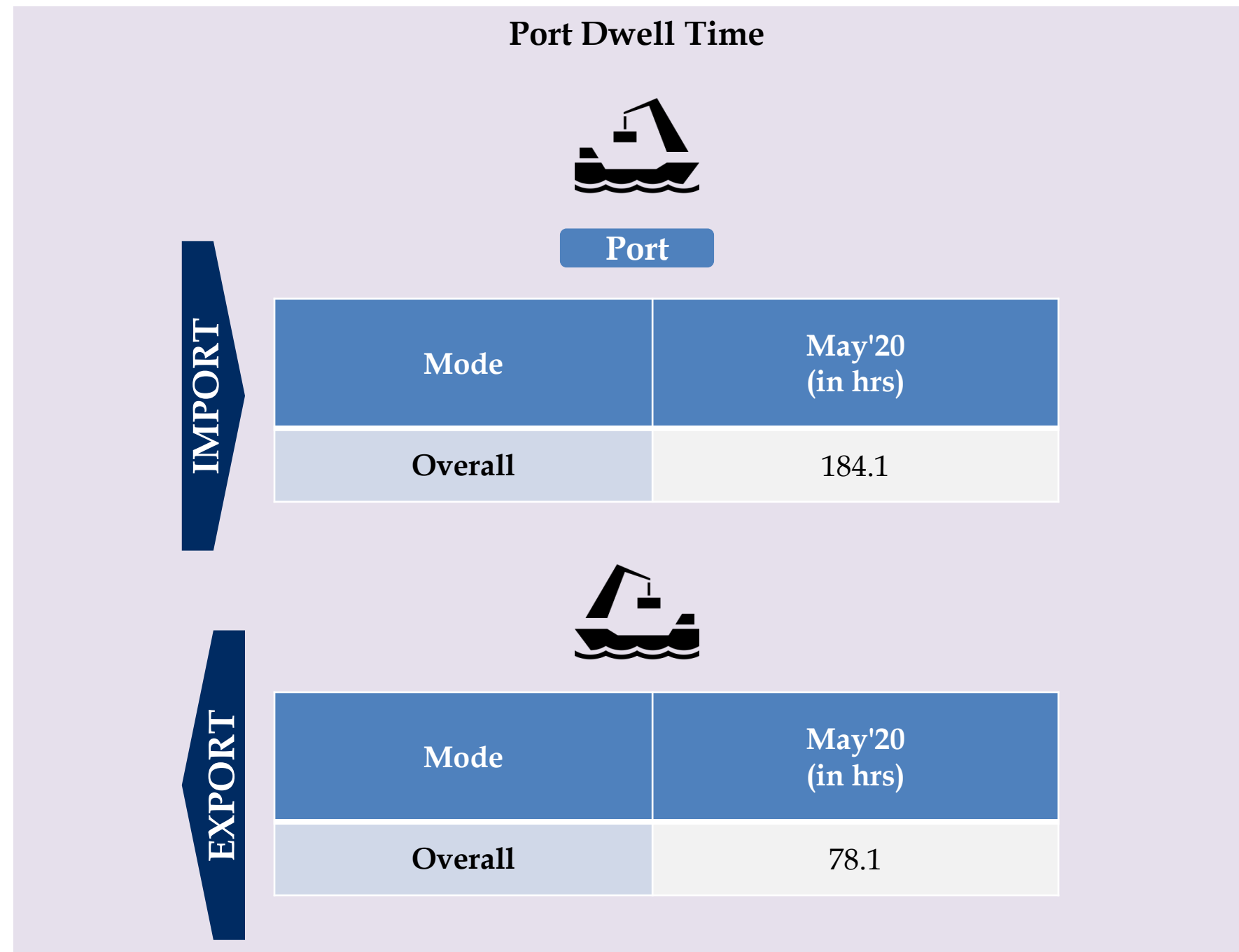
★ Port dwell time reflects the time container has spent in the vicinity which is calculated on the basis of Port out time and Port in Time of container

Kattupalli Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



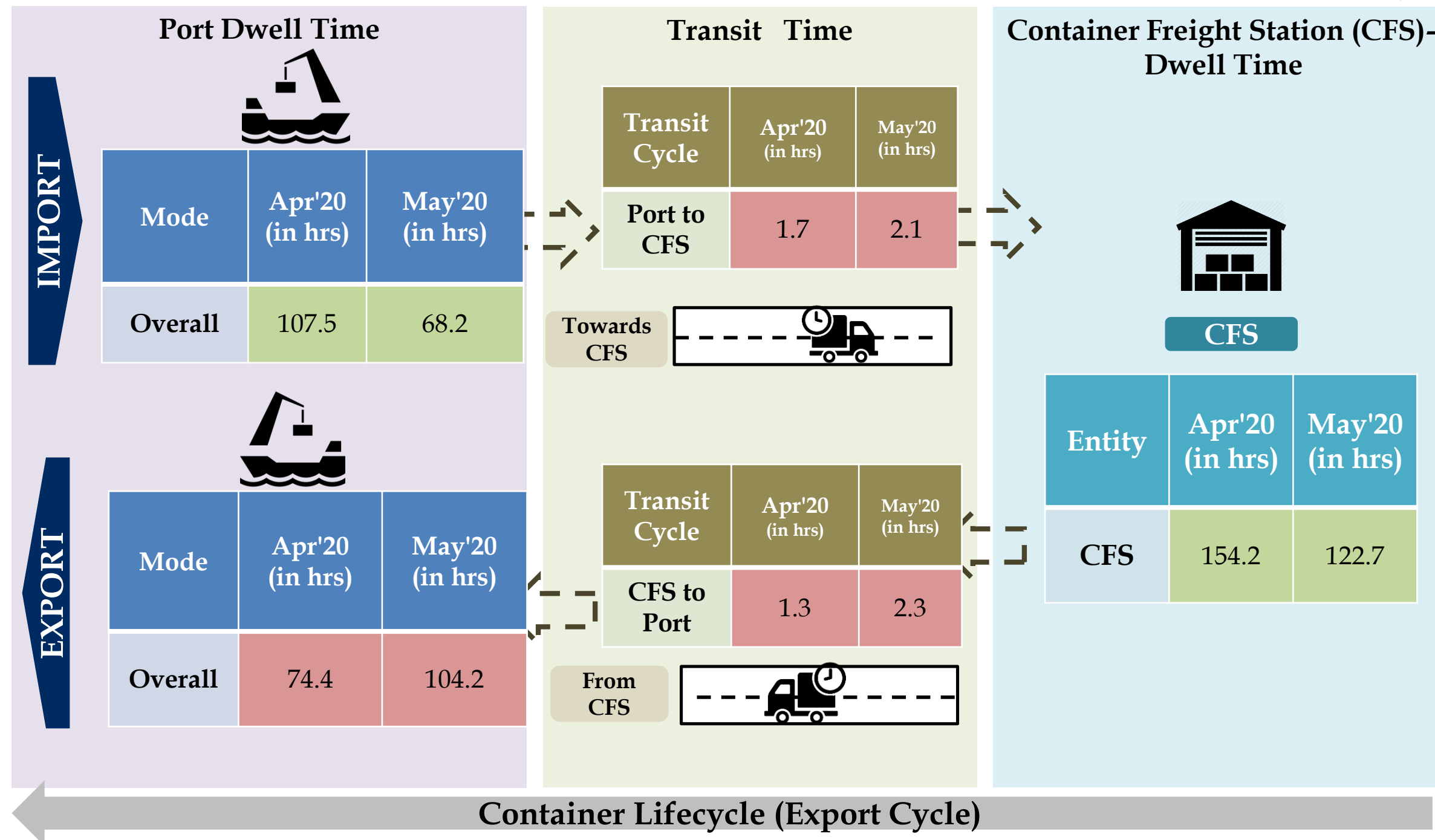
Container Lifecycle (Export Cycle)



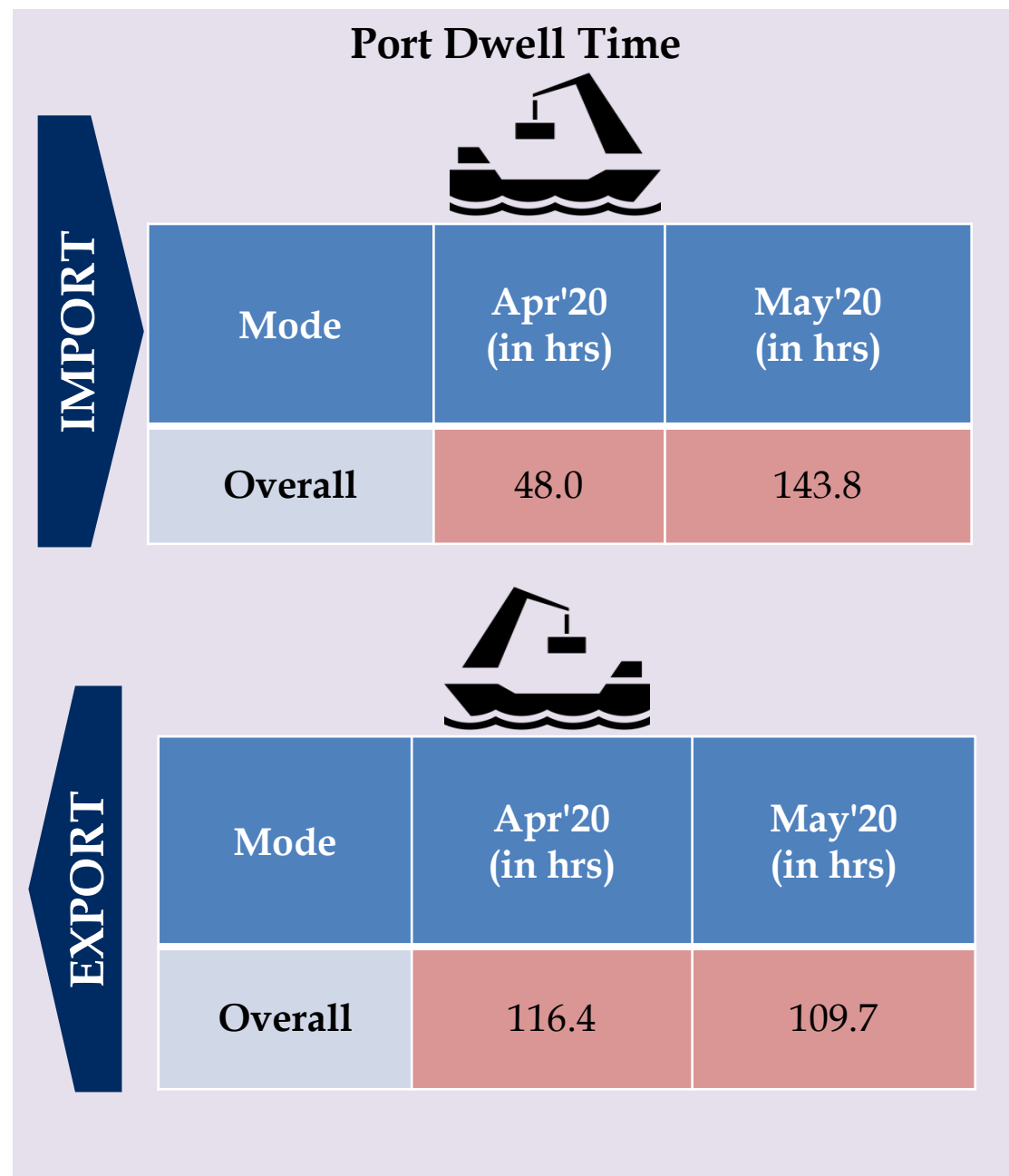
Individual Terminal Performance In Eastern Corridor

Vishakhapatnam Port Terminal: Container Transportation

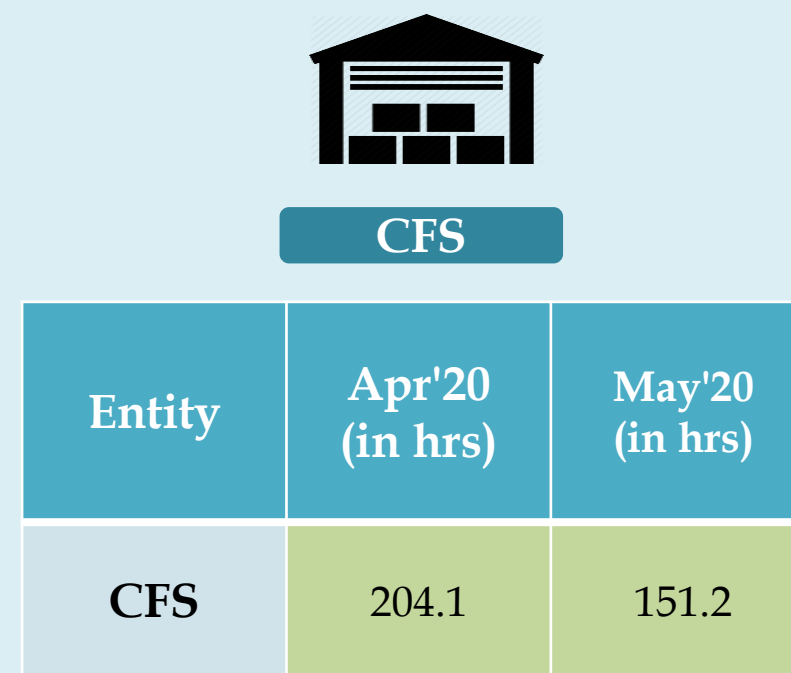
Container Lifecycle (Import Cycle)



Container Lifecycle (Import Cycle)



Container Freight Station (CFS)- Dwell Time



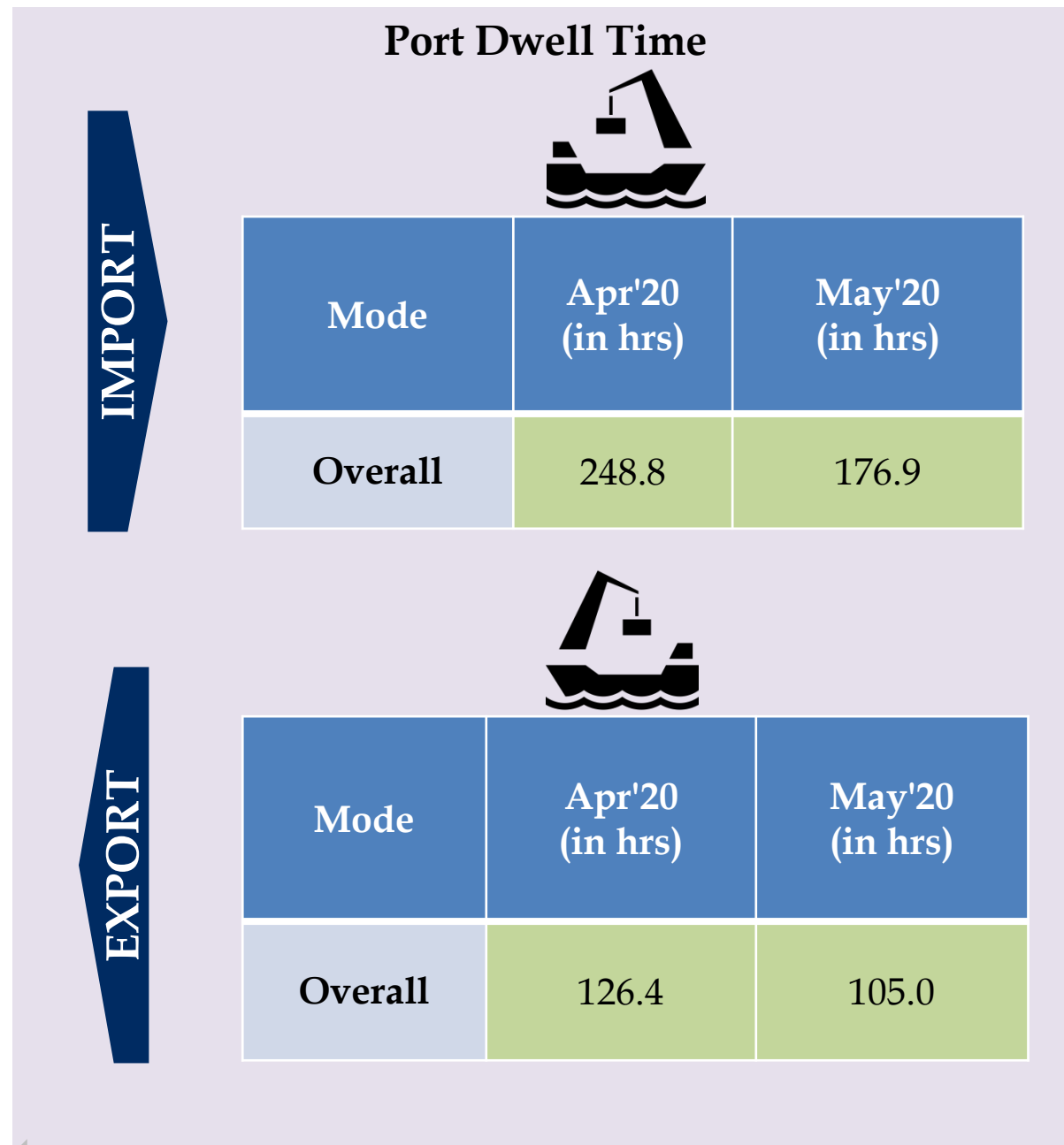
The marked entries showcase the increase in performance as compared to Apr'20

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

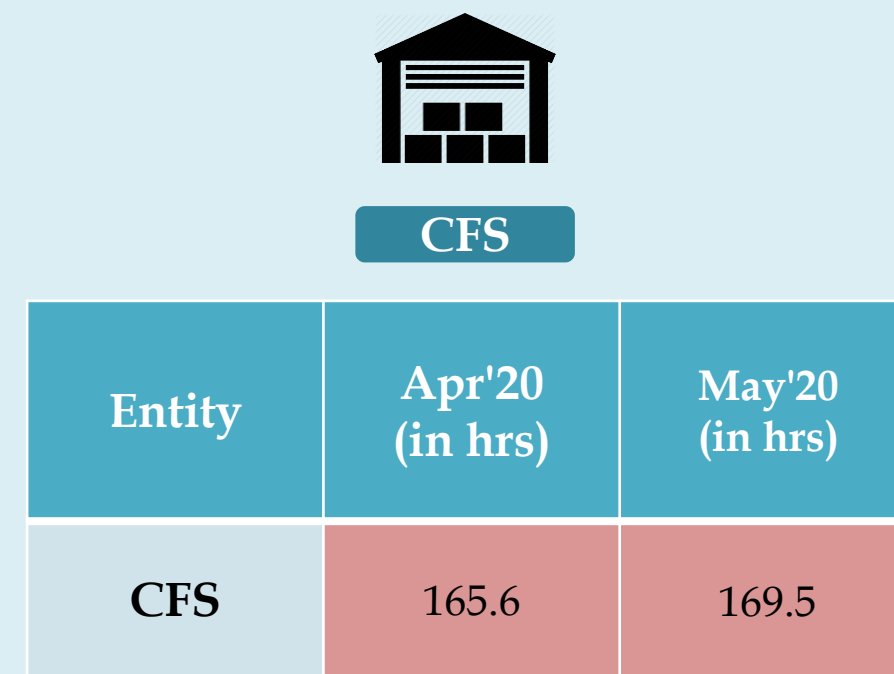
Note: Port Dwell Time at Kolkata Port Terminals is been calculated on the basis of all the containers including Nepal Bound containers

Container Lifecycle (Export Cycle)

Container Lifecycle (Import Cycle)



Container Freight Station (CFS)- Dwell Time



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

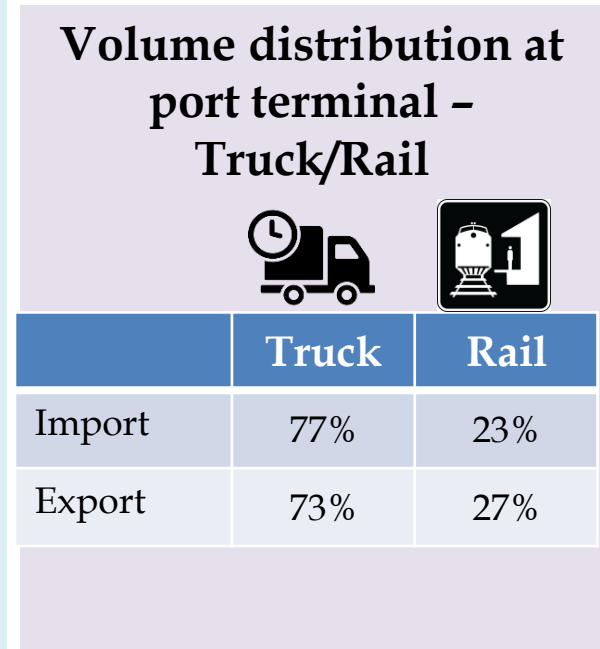
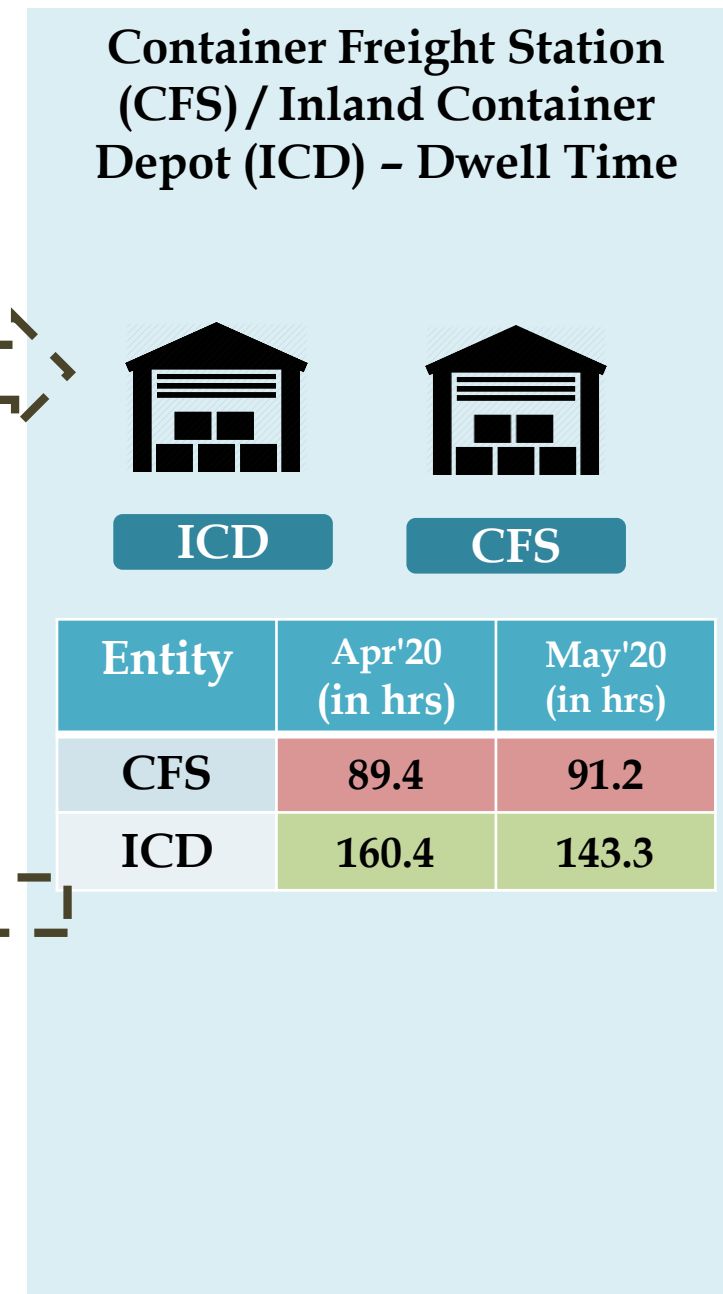
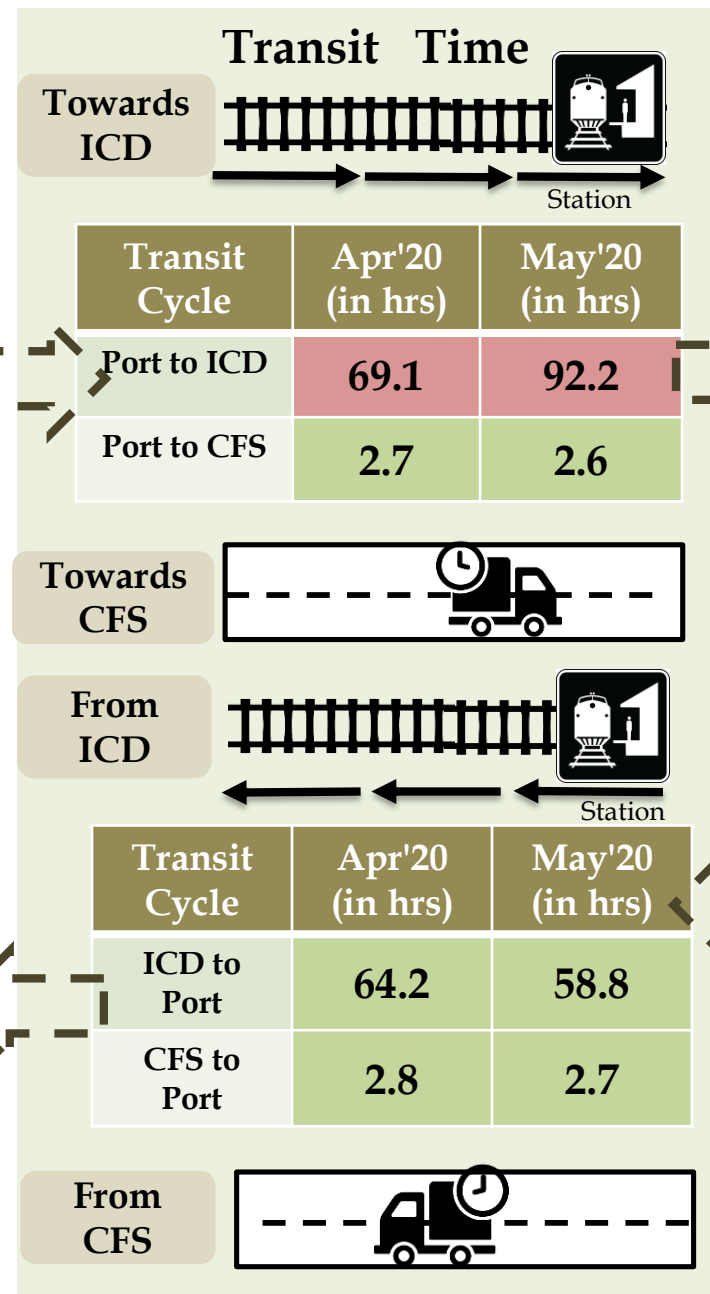
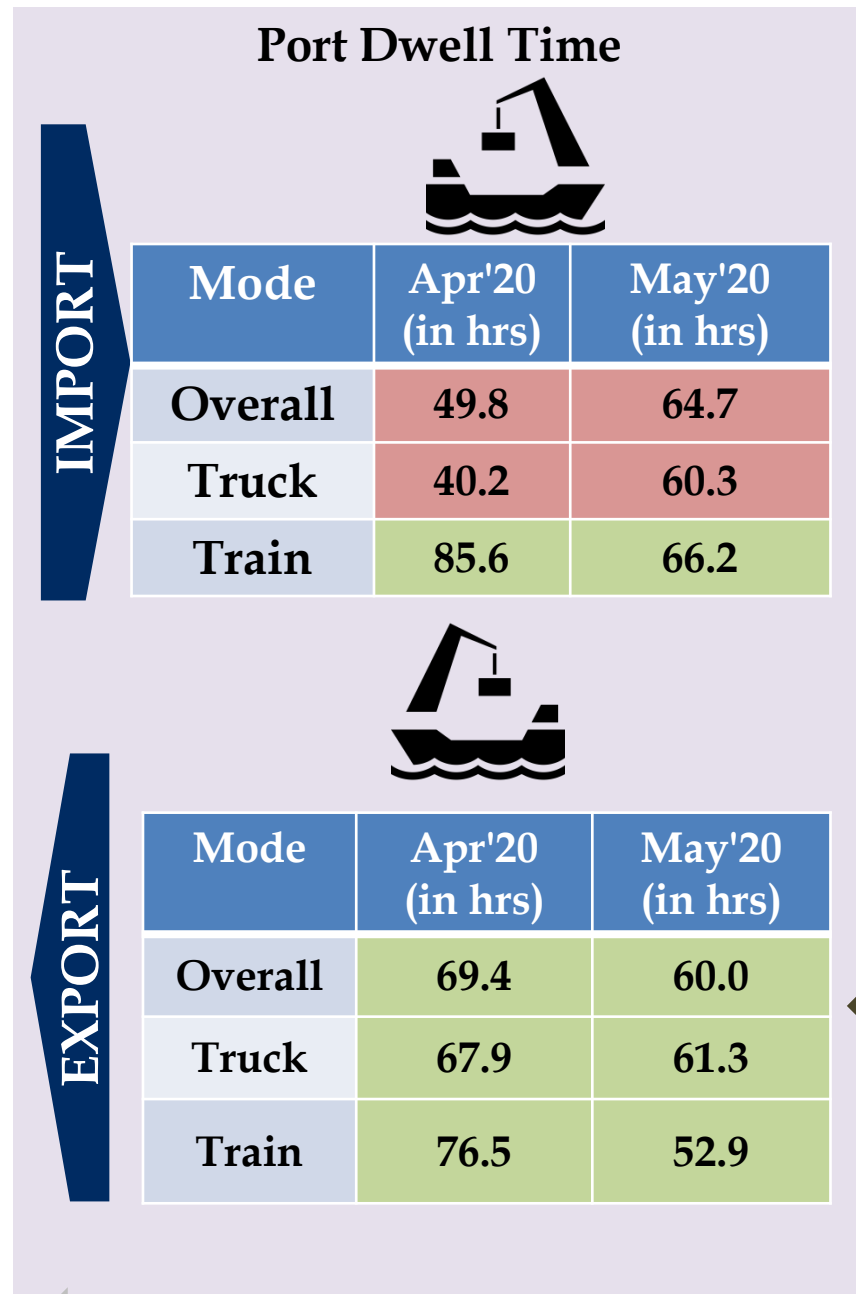
The marked entries showcase the decrease in performance as compared to Apr'20


Container Lifecycle (Export Cycle)


Individual Terminal Performance In Western Corridor

Container Transportation- JNPT Port Terminals

Container Lifecycle (Import Cycle)



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

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

Container Lifecycle (Export Cycle)

Container Transportation- JNPT Port Terminals

%IMPORT CYCLE DWELL TIME (May'20 – in hrs)			Compared to Apr'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	64.7	30% ↓
	Port Dwell Time for Truck Bound Containers	60.3	50% ↓
	Port Dwell time for Train Bound Containers	66.2	23% ↑
	Port Dwell time Direct Port Delivery (DPD) containers	76.7	25% ↑
	Port Dwell time Containers bound for CFS	64.8	59% ↓
	Port Dwell for Empty Containers	74.2	25% ↓
	Port Dwell for Laden Containers	58.2	34% ↓
TRANSIT TIME	Port to ICD	92.2	33% ↓
	Port to CFS	2.6	2% ↑

EXPORT CYCLE DWELL TIME (May'20– in hrs)			Compared to Apr'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	60.0	14% ↑
	Port Dwell Time for Truck Bound Containers	61.3	10% ↑
	Port Dwell time for Train Bound Containers	52.9	31% ↑
	Port Dwell time Direct Port Entry (DPE) containers	67.5	1% ↓
	Port Dwell time Containers bound from CFS	56.4	18% ↑
	Port Dwell for Empty Containers	54.9	19% ↑
	Port Dwell for Laden Containers	59.9	7% ↑
TRANSIT TIME	ICD to Port	58.8	8% ↑
	CFS to Port	2.7	3% ↑

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

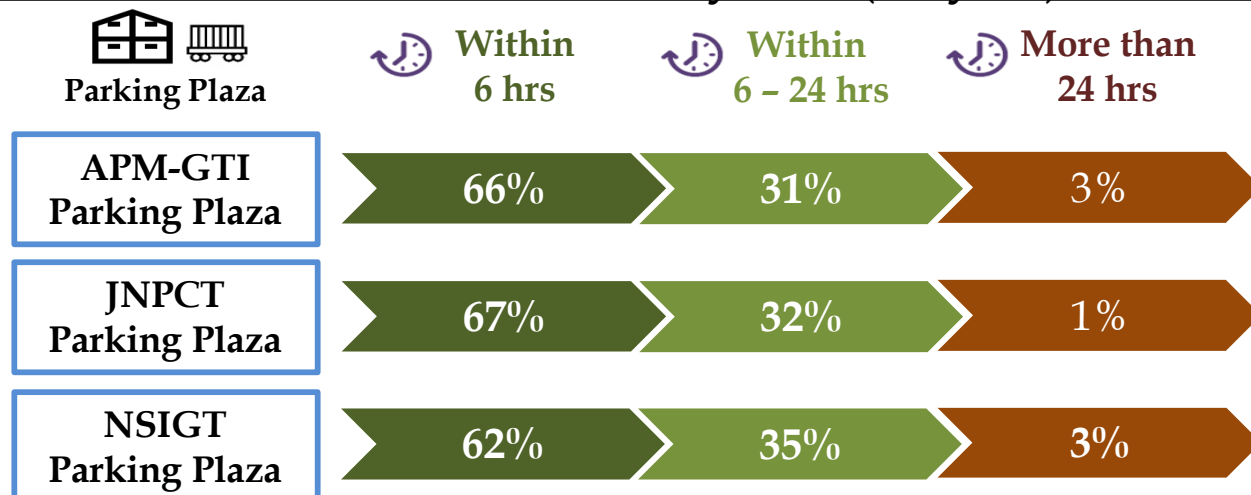


Parking Plaza Gate In – Gate Out

Mode	Apr'20 (in hrs)	May'20 (in hrs)
Overall Parking Plaza	5.41	4.57

Parking Plaza	Apr'20 (in hrs)	May'20 (in hrs)
APM-GTI Parking Plaza	5.6	4.4
JNPCT Parking Plaza	4.8	4.4
NSIGT Parking Plaza	5.1	4.9

Container Handled: Day wise (May'20)

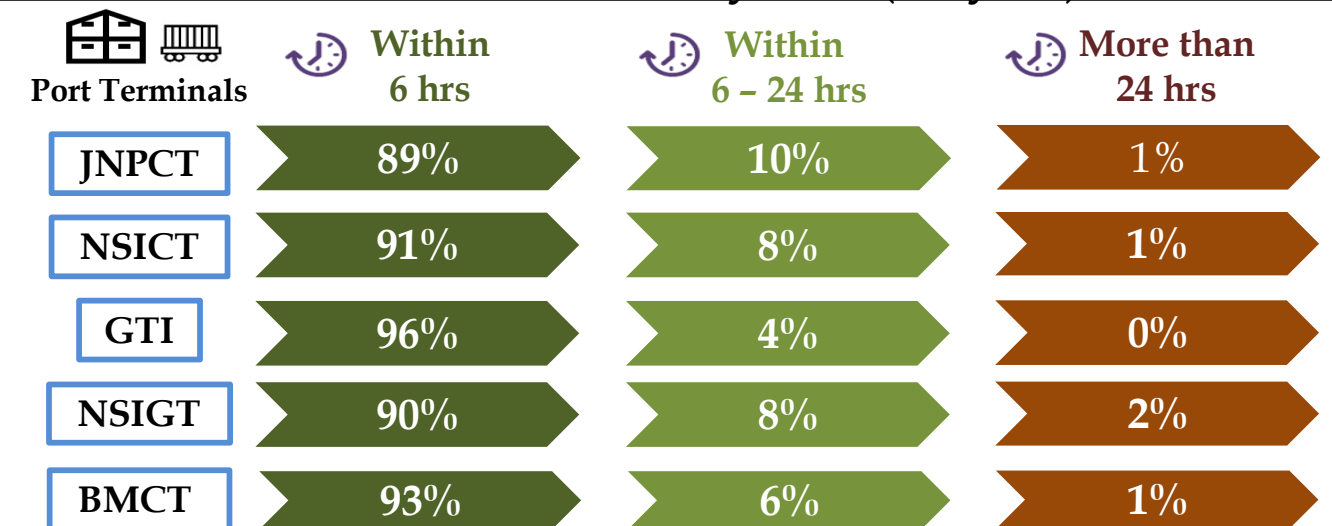


Parking Plaza Gate Out – Terminal In



Mode	Apr'20 (in hrs)	May'20 (in hrs)
Overall Parking Plaza to JNPT Port	1.4	1.3



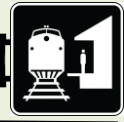

Port	Apr'20 (in hrs)	May'20 (in hrs)
JNPCT	1.6	1.3
NSICT	1.1	1.1
GTI	2.0	1.2
NSIGT	0.9	1.0
BMCT	2.0	2.0



Container Handled: Day wise (May'20)






Container Lifecycle (Import Cycle)


IMPORT	Port Dwell Time		
			
	Mode	Apr'20 (in hrs)	May'20 (in hrs)
	Overall	59.0	36.5
	Truck	51.7	35.2
EXPORT			
			
	Mode	Apr'20 (in hrs)	May'20 (in hrs)
	Overall	128.1	104.5
	Truck	124.6	101.5
	Train	136.8	120.2

Transit Time			
Towards ICD 			
Transit Cycle	Apr'20 (in hrs)	May'20 (in hrs)	
Port to ICD	70.0	111.4	
Port to CFS	0.8	1.0	
Towards CFS 			
From ICD 			
Transit Cycle	Apr'20 (in hrs)	May'20 (in hrs)	
ICD to Port	57.3	56.4	
CFS to Port	0.7	0.75	
From CFS 			

Container Freight Stations(CFS)/Inland Container Depots(ICD)			
 			
ICD CFS			
Entity	Apr'20 (in hrs)	May'20 (in hrs)	
CFS	96.9	97.3	
ICD	160.4	143.3	

Volume distribution at port terminal - Truck/Rail		
		
	Truck	Rail
Import	91%	9%
Export	76%	24%

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

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

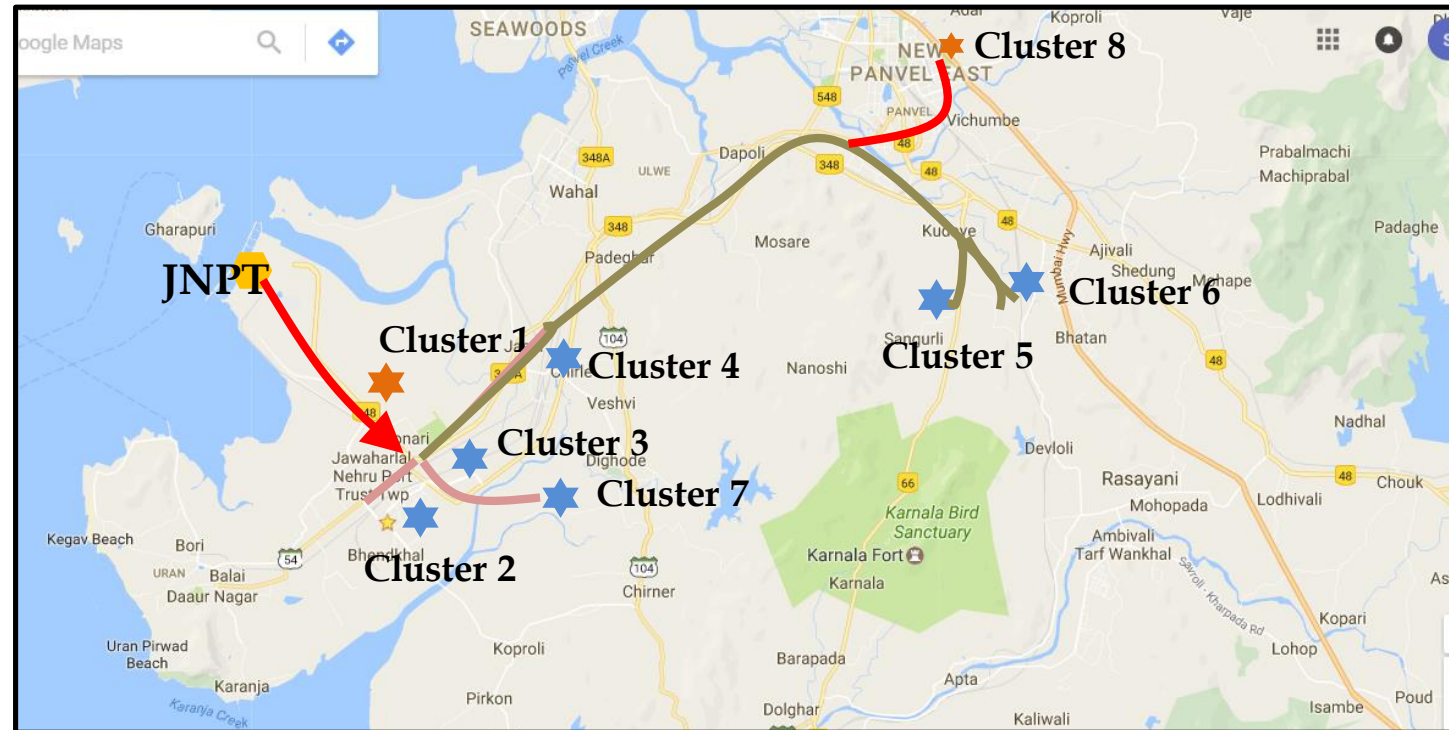
Container Lifecycle (Export Cycle)

IMPORT CYCLE DWELL TIME (May'20- in hrs)			Compared to Apr'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	36.5	38% ↑
	Port Dwell Time for Truck Bound Containers	35.2	32% ↑
	Port Dwell time for Train Bound Containers	62.6	24% ↑
TRANSIT TIME	Port to ICD	111.4	59% ↓
	Port to CFS	1.0	17% ↓

EXPORT CYCLE DWELL TIME (May'20- in hrs)			Compared to Apr'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	104.5	18% ↑
	Port Dwell Time for Truck Bound Containers	101.5	19% ↑
	Port Dwell time for Train Bound Containers	120.2	12% ↑
TRANSIT TIME	ICD to Port	56.4	2% ↑
	CFS to Port	0.75	5% ↓

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

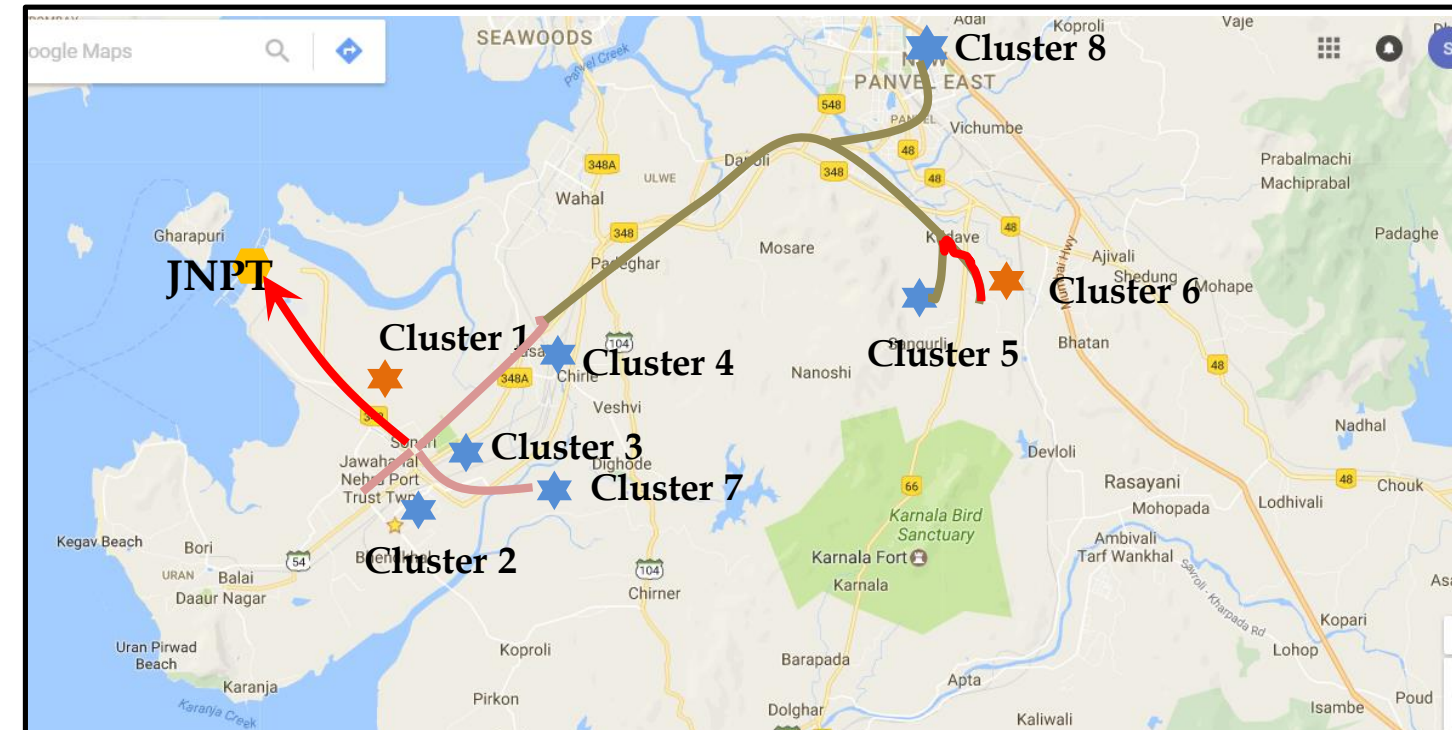
JNPT - Import - May'20



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

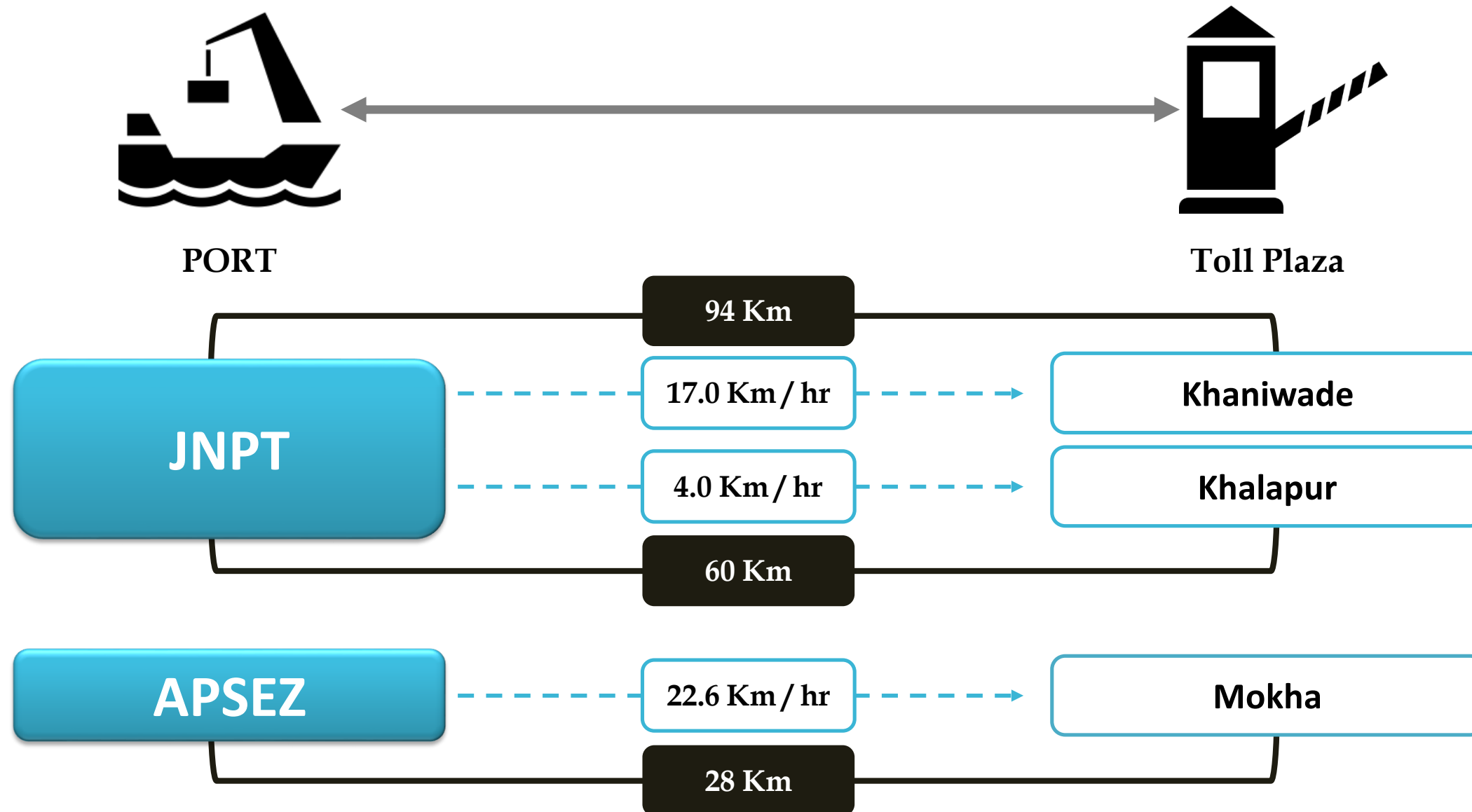
Clusters with bottleneck	
CLUSTER 1	JNPT Area
CLUSTER 8	Taloja, Navi Mumbai
Clusters without bottleneck	
CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area, JNPT road
CLUSTER 4	Chirle area, JNPT road
CLUSTER 5	Plaspa area, Coach kanyakumari Highway
CLUSTER 6	Salva apta rd area, Bangalore highway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

JNPT - Export - May'20



Clusters with bottleneck	
CLUSTER 1	JNPT Area
CLUSTER 6	Salva apta rd area, Bangalore highway
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
CLUSTER 8	Taloja, Navi Mumbai

Below Table depicts the average speed taken by a truck to cover the distance between a Port terminal to the nearest Toll Plaza

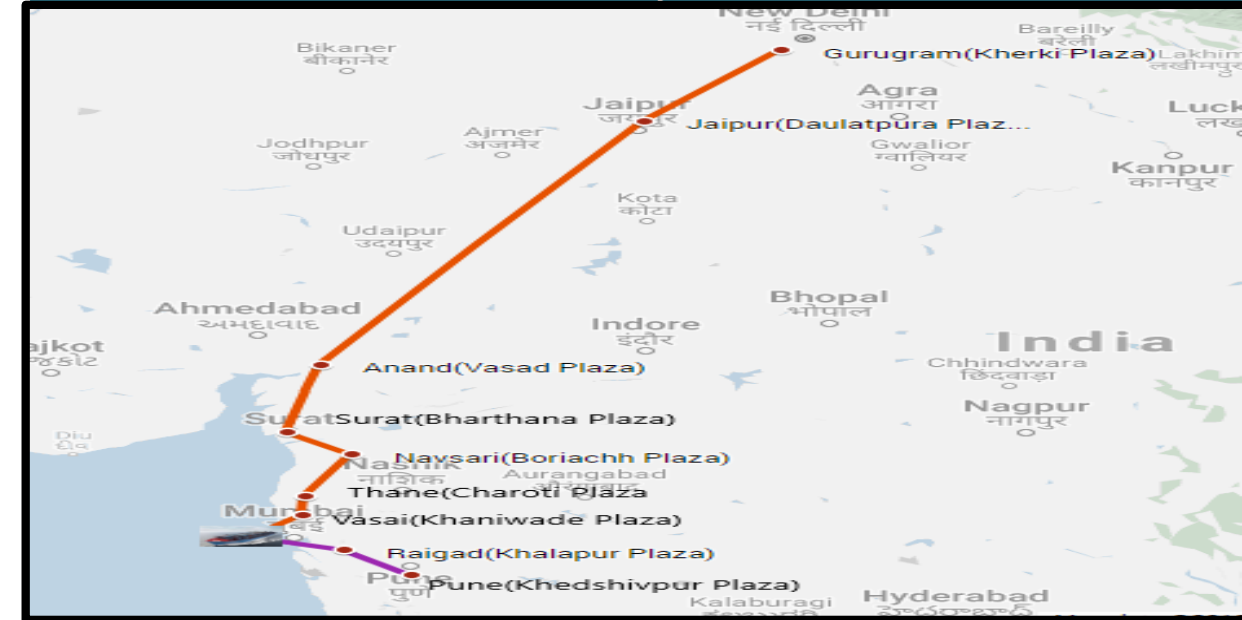


Western Corridor Toll Plaza Analysis

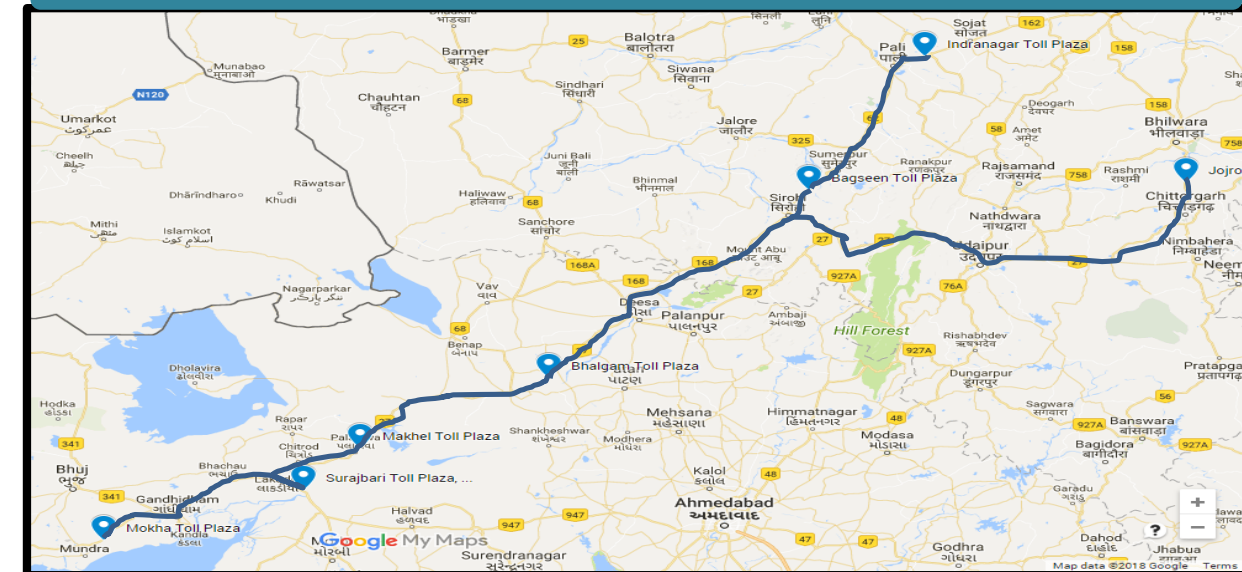
Avg. Speed between Toll to Toll Plazas

	Source	Destination Toll Plaza	Inter Distance (Km)	Apr'20 (in km/hrs)	May'20 (in km/hrs)
JNPT	JNPT	Khaniwade	94	16.9	17.0
	JNPT	Khalapur	60	8.3	4.0
	Khaniwade	Charoti	50	15.5	33.6
	Charoti	Boriach	126	29.3	29.5
	Boriach	Bharthan	142	34.7	33.2
APSEZ	APSEZ	Mokha	28	23.8	22.6
	Mokha	Makhel	150	22.9	25.1
	Mokha	Surajbari	115	29.2	25.8
	Makhel	Bhalgam	108	32.1	35.3

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
Ennore	Ennore Port Terminal

List of CFS name used in CFS Performance Index

1	A L Logistics CFS	HALDIA	22	Dronagiri Rail Terminal CFS, Navi Mumbai	Mumbai	43	Navkar Corporation Yard 3 CFS, Panvel	Mumbai
2	A S Shipping Agencies CFS, Tiruvallur	Chennai	23	EFC Logistics India	Mumbai	44	Phonex CFS	KOLKATA
3	Adani CFS, Hazira	Gujarat	24	Ennore Cargo Container Terminal CFS, Chennai	Chennai	45	Prompt Terminals (P) Ltd	TUTICORIN
4	Adani CFS, Kattupalli Tiruvallur Tamil Nadu	Chennai	25	Gateway Distripark CFS, Krishnapatnam	KRISHNAPATNAM	46	Punjab Conware CFS, Navi Mumbai	Mumbai
5	Allcargo Global Logistics CFS, Chennai	Chennai	26	Gateway Distriparks CFS, Chennai	Chennai	47	Raja Agencies CFS	TUTICORIN
6	Allcargo Logistics CFS	KOLKATA	27	Gateway Distriparks CFS, Navi Mumbai	Mumbai	48	Ralson Petro Chemicals CFS	HALDIA
7	ALS Tuticorin Terminal Private Limited	TUTICORIN	28	Gateway East India CFS	VISAKHAPATNAM	49	Sanco Trans CFS, Chennai	Chennai
8	Ameya Logistics CFS, Navi Mumbai	Mumbai	29	Hari CFS	TUTICORIN	50	Sattva Cfs And Logistics CFS, Chennai	Chennai
9	APM (Maersk India) CFS, Navi Mumbai	Mumbai	30	Hind Mundra Terminals CFS, Mundra	Gujarat	51	Saurashtra CFS, Mundra	Gujarat
10	Apollo Logisolutions CFS, Panvel	Mumbai	31	Hind Terminal CFS, Hazira	Gujarat	52	Seabird CFS, Hazira	Gujarat
11	Ashutosh CFS, Mundra	Gujarat	32	Honey Comb CFS, Mundra	Gujarat	53	Seabird CFS, Krishnapatnam	KRISHNAPATNA
12	Balmer Lawrie CFS, Chennai	Chennai	33	International Cargo Terminal CFS	Mumbai	54	Seabird CFS, Mundra	Gujarat
13	Century Plyboards CFS, JJP	KOLKATA	34	JWC Logistics Park CFS	Mumbai	55	Sical CFS, Chennai Tiruvallur Tamil Nadu	Chennai
14	Chola Logistiks Pvt Ltd	TUTICORIN	35	JWR CFS	Mumbai	56	Speedy Multimode CFS, JNPT	Mumbai
15	Concor CFS, Chennai	Chennai	36	Kerry Indev Logistics ICD, Kanchipuram	Chennai	57	Sravan CFS-1	VISAKHAPATNAM
16	Concor CFS, Tuticorin	TUTICORIN	37	Landmark CFS, Mundra	Gujarat	58	Sravan CFS-2	VISAKHAPATNAM
17	Continental Warehousing Corporation CFS (Nhava Seva), Tiruvallur	Chennai	38	LCL Freight Solutions	HALDIA	59	St. John Freight Systems Ltd. - ICD Division	TUTICORIN
18	Continental Warehousing Corporation Nhava Sheva Ltd.	TUTICORIN	39	MICT CFS, Mundra	Gujarat	60	TG Terminals CFS, Mundra	Gujarat
19	CWC CFS, Mundra	Gujarat	40	MIV CFS	KOCHI	61	Vaishno Logistics CFS, Navi Mumbai	Mumbai
20	CWC Dronagiri CFS, Navi Mumbai	Mumbai	41	Mundhra CFS, Mundra	Gujarat	62	VCT CFS	VISAKHAPATNAM
21	CWC Hind Terminal CFS, Navi Mumbai	Mumbai	42	Navkar Corporation Yard 2 CFS, Panvel	Mumbai	63	VPL Integral CFS	VISAKHAPATNAM

List of CFS name used in CFS Performance Index

1	Adani CFS, Hazira	16	Apollo Logisolutions CFS, Panvel
2	Ashutosh CFS, Mundra	17	CWC Dronagiri CFS, Navi Mumbai
3	CWC CFS, Mundra	18	CWC Hind Terminal CFS, Navi Mumbai
4	Hind Mundra Terminals CFS, Mundra	19	Dronagiri Rail Terminal CFS, Navi Mumbai
5	Hind Terminal CFS, Hazira	20	EFC Logistics India
6	Honey Comb CFS, Mundra	21	Gateway Distriparks CFS, Navi Mumbai
7	Landmark CFS, Mundra	22	International Cargo Terminal CFS
8	MICT CFS, Mundra	23	JWC Logistics Park CFS
9	Mundhra CFS, Mundra	24	JWR CFS
10	Saurashtra CFS, Mundra	25	Navkar Corporation Yard 2 CFS, Panvel
11	Seabird CFS, Hazira	26	Navkar Corporation Yard 3 CFS, Panvel
12	Seabird CFS, Mundra	27	Punjab Conware CFS, Navi Mumbai
13	TG Terminals CFS, Mundra	28	Speedy Multimode CFS, JNPT
14	Ameya Logistics CFS, Navi Mumbai	29	Vaishno Logistics CFS, Navi Mumbai
15	APM (Maersk India) CFS, Navi Mumbai		

List of ICD name used in ICD Performance Index

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

List of CFS name used in Southern CFS Performance Index

1	A S Shipping Agencies CFS, Tiruvallur	13	Gateway Distriparks CFS, Chennai
2	Adani CFS, Kattupalli Tiruvallur Tamil Nadu	14	Hari CFS
3	Allcargo Global Logistics CFS, Chennai	15	Kerry Indev Logistics ICD, Kanchipuram
4	ALS Tuticorin Terminal Private Limited	16	MIV CFS
5	Balmer Lawrie CFS, Chennai	17	Prompt Terminals (P) Ltd
6	Chola Logistiks Pvt Ltd	18	Raja Agencies CFS
7	Concor CFS, Chennai	19	Sanco Trans CFS, Chennai
8	Concor CFS, Tuticorin	20	Sattva Cfs And Logistics CFS, Chennai
9	Continental Warehousing Corporation CFS (Nhava Seva), Tiruvallur	21	Seabird CFS, Krishnapatnam
10	Continental Warehousing Corporation Nhava Sheva Ltd.	22	Sical CFS, Chennai Tiruvallur Tamil Nadu
11	Ennore Cargo Container Terminal CFS, Chennai	23	St. John Freight Systems Ltd. - ICD Division
12	Gateway Distripark CFS, Krishnapatnam		

List of CFS name used in Eastern CFS Performance Index

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



THANK YOU