

Logistics Databank Analytics Report- May 2019



PAN INDIA Performance Snapshot: May 2019 (Dwell Time)

Gujarat Region

Import	Export
31.0 hrs	94.7 hrs

Mumbai Region

Import	Export
22.8 hrs	63.8 hrs

Kochi Region

Import	Export
61.4 hrs	51.1 hrs

Tuticorin Region

Import	Export
26.1 hrs	47.8 hrs

Kolkata Region

Import	Export
36.4 hrs	98.5 hrs

Vishakhapatnam Region

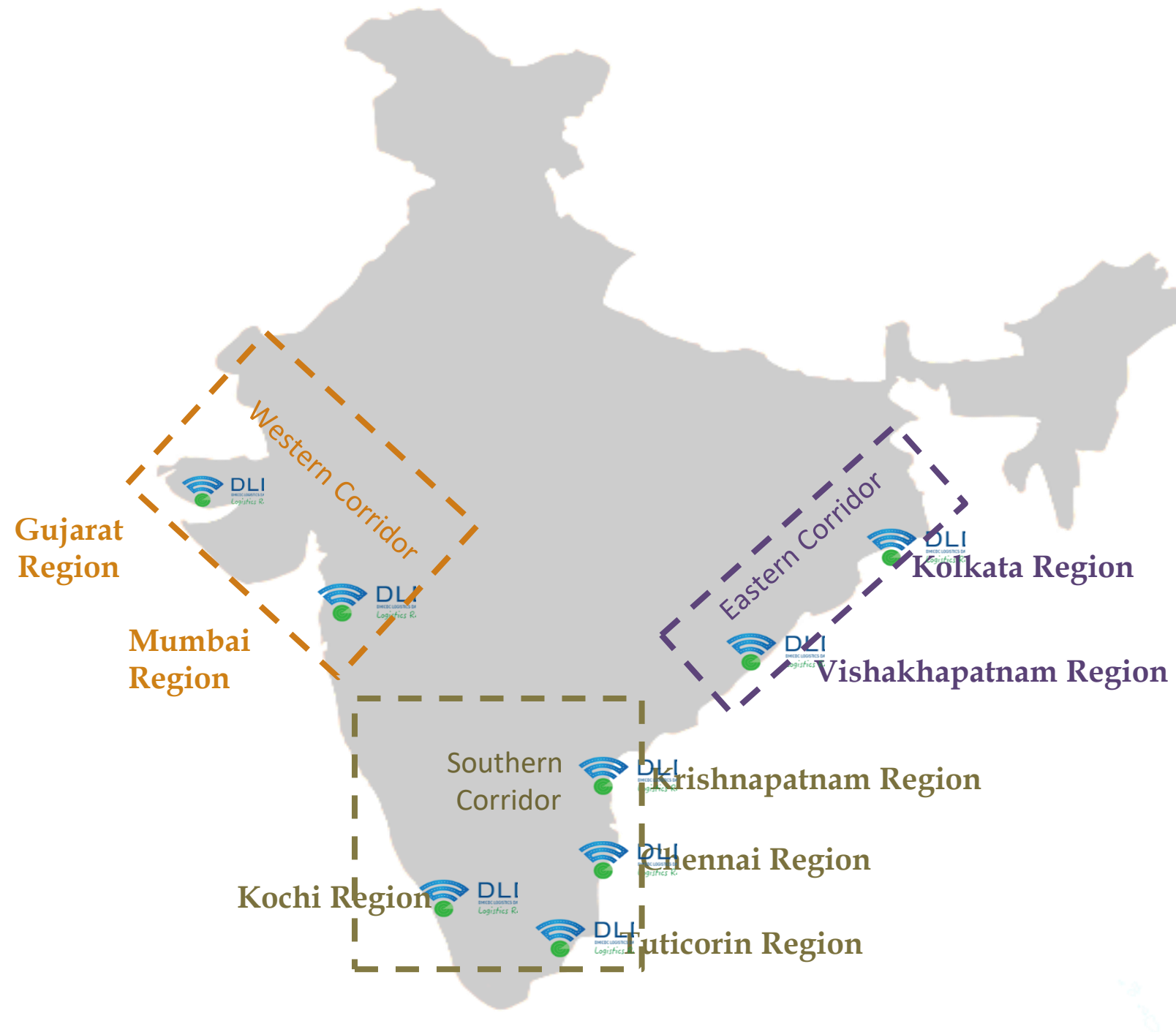
Import	Export
55.3 hrs	68.7 hrs

Krishnapatnam Region

Import	Export
119.6 hrs	69.7 hrs



Chennai Region

Import	Export
38.1 hrs	76.7 hrs






Southern Corridor

- Import & Export Dwell Time Performance at Southern Corridor Ports has decreased by 10% and 1.4% respectively



Component	Southern Corridor - Import Port Performance	Southern Corridor - Export Port Performance
May 2019	41.4 hrs	64.7 hrs
April 2019	37.8 hrs 	63.8 hrs 

- Export Cycle Port Dwell Time Performance at Krishnapatnam Terminal has improved by 31%
- Import & Export Dwell Time Performance at Chennai Port Terminal has decreased by 11% and 8% respectively

Component	Krishnapatnam - Export Port Performance	Chennai - Import Port Performance	Chennai - Export Port Performance
May 2019	69.7 hrs	38.1 hrs	76.7 hrs
April 2019	100.7 hrs 	34.2 hrs 	70.8 hrs 



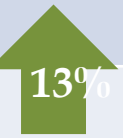
Eastern Corridor

- Export Dwell Time Performance port dwell time performance at Kolkata has improved by 12%
- However, Import Dwell Time performance at Vishakhapatnam Terminals has decreased by 20%

Component	Kolkata- Export Port Performance	Vishakhapatnam- Import Port Performance
May 2019	98.5 hrs	55.3 hrs
April 2019	112.4 hrs 	46.0 hrs 

Western Corridor (JNPT & Gujarat)

- Import and Export Dwell time performance at Western corridor has improved by 21% & 2% respectively
- ICD Dwell Time performance has improved by 13%

Component	Western Corridor – Import Port Performance	Western Corridor – Export Port Performance	ICD Dwell Time Performance
May 2019	25.5 hrs 	77.0 hrs 	120.4 hrs 
April 2019	32.2 hrs	78.3 hrs	138.2 hrs
	21%	2%	13%



Gujarat Port Terminals (Adani Ports Special Economic Zone)

- Export Dwell time performance at APSEZ Gujarat Port has improved by 5%

Component	Gujarat - Export Port Performance
May 2019	94.7 hrs 
April 2019	99.6 hrs
	5%

Jawaharlal Nehru Port Terminals

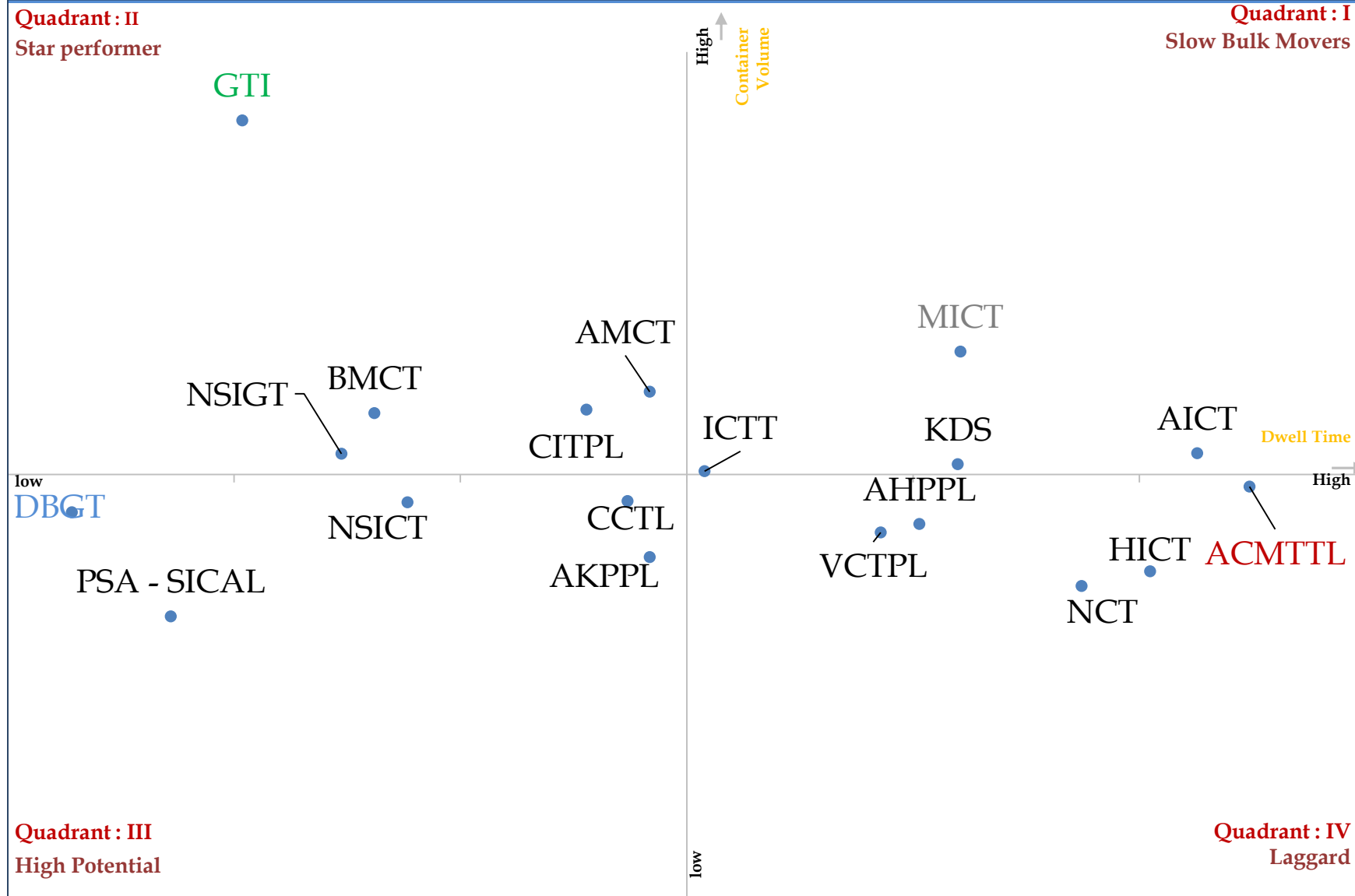
- Import Dwell time performance at JNPT Port has improved by 33% due to improvement in handling Truck bound containers by 34%

Component	JNPT – Import Overall Port Performance	JNPT – Import Truck bound Performance
May 2019	22.8 hrs 	20.8 hrs 
April 2019	33.9 hrs	31.7 hrs
	33%	34%



Performance Benchmarking - Port Terminals

Port Terminal Performance Index - May'19



Performance benchmarking for Port Terminals covered under LDB project for May'19

Top Performing Terminal

Gateway Terminals India (GTI)

April'19	May'19
47.1 hrs	38.9 hrs



Low Performing Terminal

Adani CMA Mundra Terminal (ACMTTL)

April'19	May'19
81.2 hrs	75.5 hrs



Note: The performance benchmarking is based on performance index

Performance Index- Summary

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

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

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

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

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

↑↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to April'19

IMPORT

Port Dwell Time

Mode	April'19 (in hrs)	May'19 (in hrs)
Overall	32.2	25.5
Truck	29.3	23.1
Train	61.9	58.6

EXPORT

Mode	April'19 (in hrs)	May'19 (in hrs)
Overall	78.3	77.0
Truck	76.2	75.5
Train	90.7	87.0

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





Inland
Container
Depot (ICD)



Container
Freight
Stations (CFS)

Entity	April'19 (in hrs)	May'19 (in hrs)
CFS	89.4	89.6
ICD	138.2	120.4

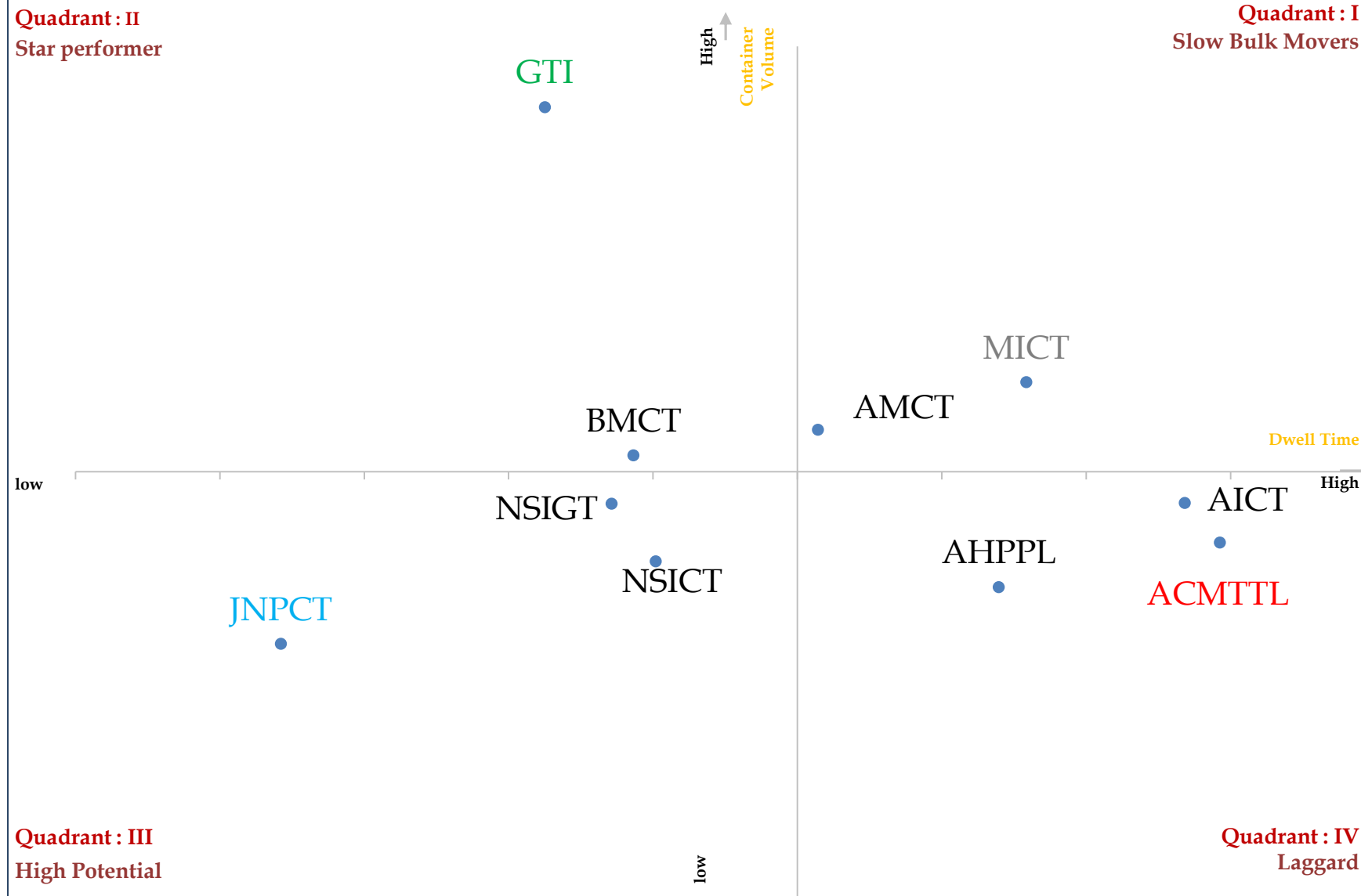
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 The marked entries showcase decrease in performance in comparison to April'19



Performance Benchmarking - Port Terminals

Port Terminal Performance Index - May'19



Performance benchmarking for Port Terminals covered under LDB project for May'19

Top Performing Terminal

Gateway Terminals India (GTI)

April'19

47.1 hrs

May'19

38.9 hrs



Low Performing Terminal

Adani CMA Mundra Terminal (ACMTTL)

April'19

81.2 hrs

May'19

75.5 hrs



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CFS/ICD Performance Benchmarking & Performance Index - Western Corridor



CFS



Performance Benchmarking



ICD

Top Performing CFS

JWR CFS

April'19

56.0 hrs

May'19

56.5 hrs



Low Performing CFS

Empezar Logistics CFS

April'19

110.9 hrs

May'19

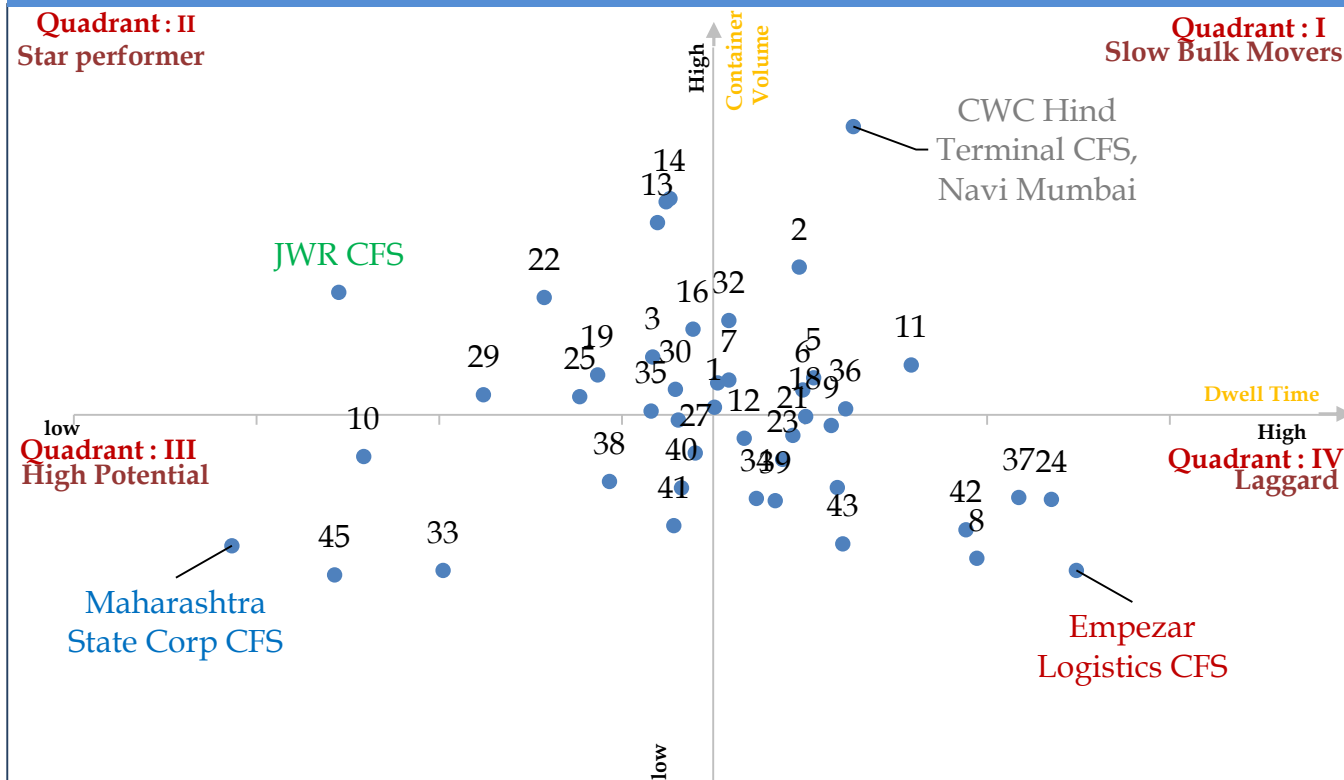
123.4 hrs



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Performance Index: Western Corridor CFS



Top Performing ICD

Gateway Rail Freight ICD, Gurgaon

April'19

107.0 hrs

May'19

90.3



Low Performing ICD

APM Terminals ICD, Dadri

April'19

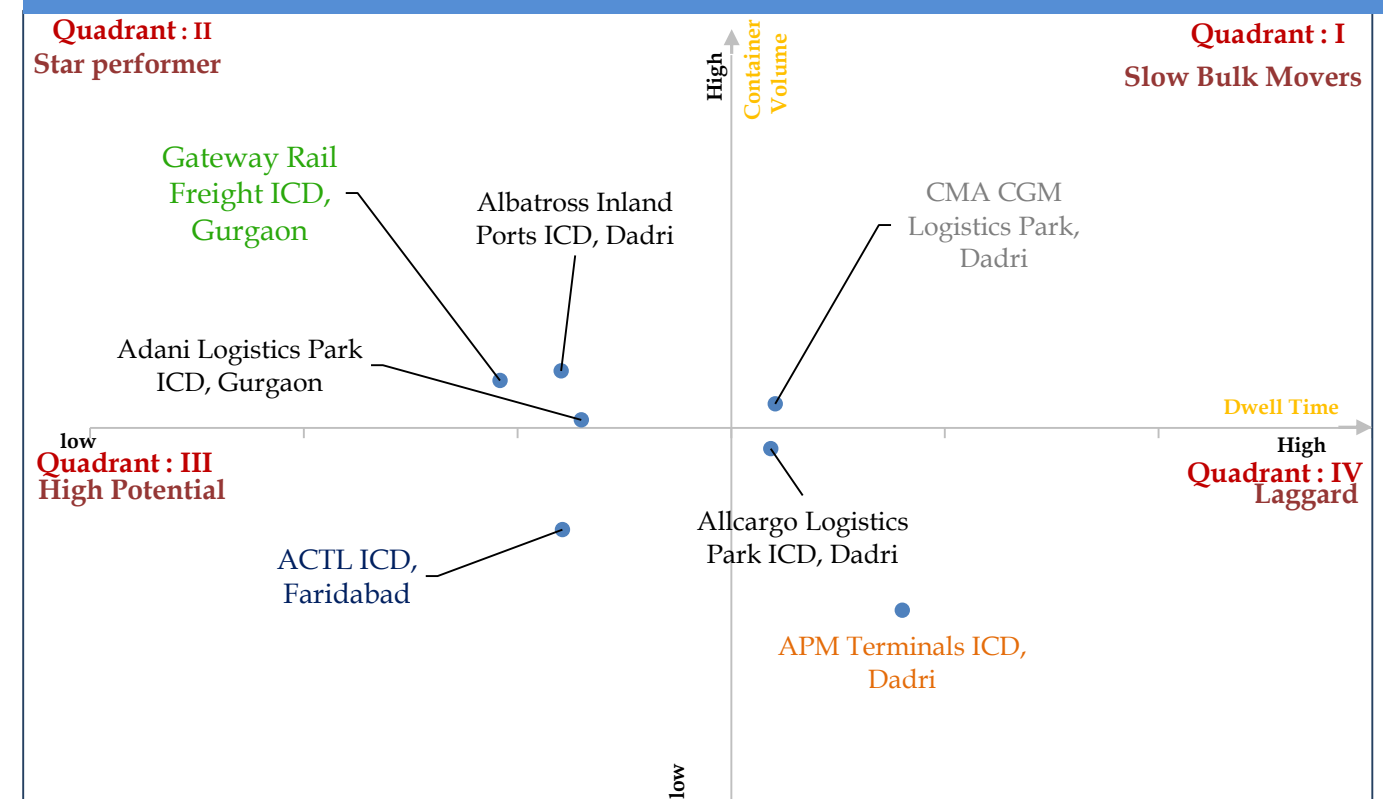
208.0 hrs

May'19

156.7 hrs



Performance Index: Western Corridor ICD



Kindly refer to Annexure section for the names of CFS

Port Dwell Time

IMPORT

Mode	April'19 (in hrs)	May'19 (in hrs)
Overall	37.8	41.4
Truck	37.8	41.5
Train	35.1	31.4

EXPORT

Mode	April'19 (in hrs)	May'19 (in hrs)
Overall	63.8	64.7
Truck	63.5	64.2
Train	72.9	72.3

Container Freight Stations(CFS)- Dwell Time



Container
Freight
Stations

Entity	April'19 (in hrs)	May'19 (in hrs)
CFS	104.0	96.1

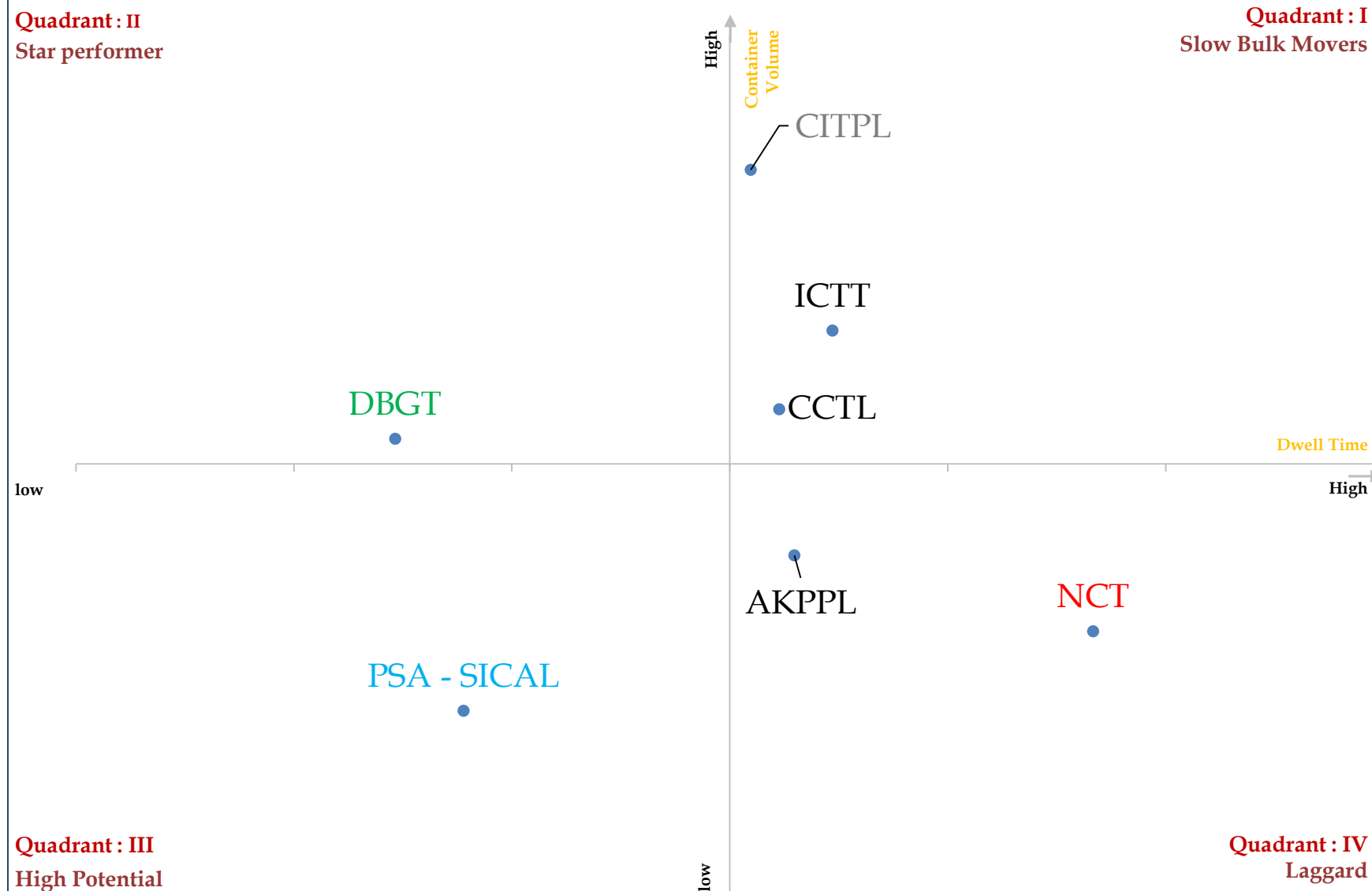
The marked entries showcase increase in performance in comparison to April'19

The marked entries showcase decrease in performance in comparison to April'19



Performance Benchmarking - Port Terminals

Southern Corridor Port Terminal Performance Index - May'19



Performance benchmarking for Port Terminals covered under LDB project for May'19

Top Performing Terminal

Dakshin Bharat Gateway Terminal (DBGT)

Low Performing Terminal

Navayuga Container Terminal (NCT) - Krishnapatnam

Note: The performance benchmarking is based on performance index

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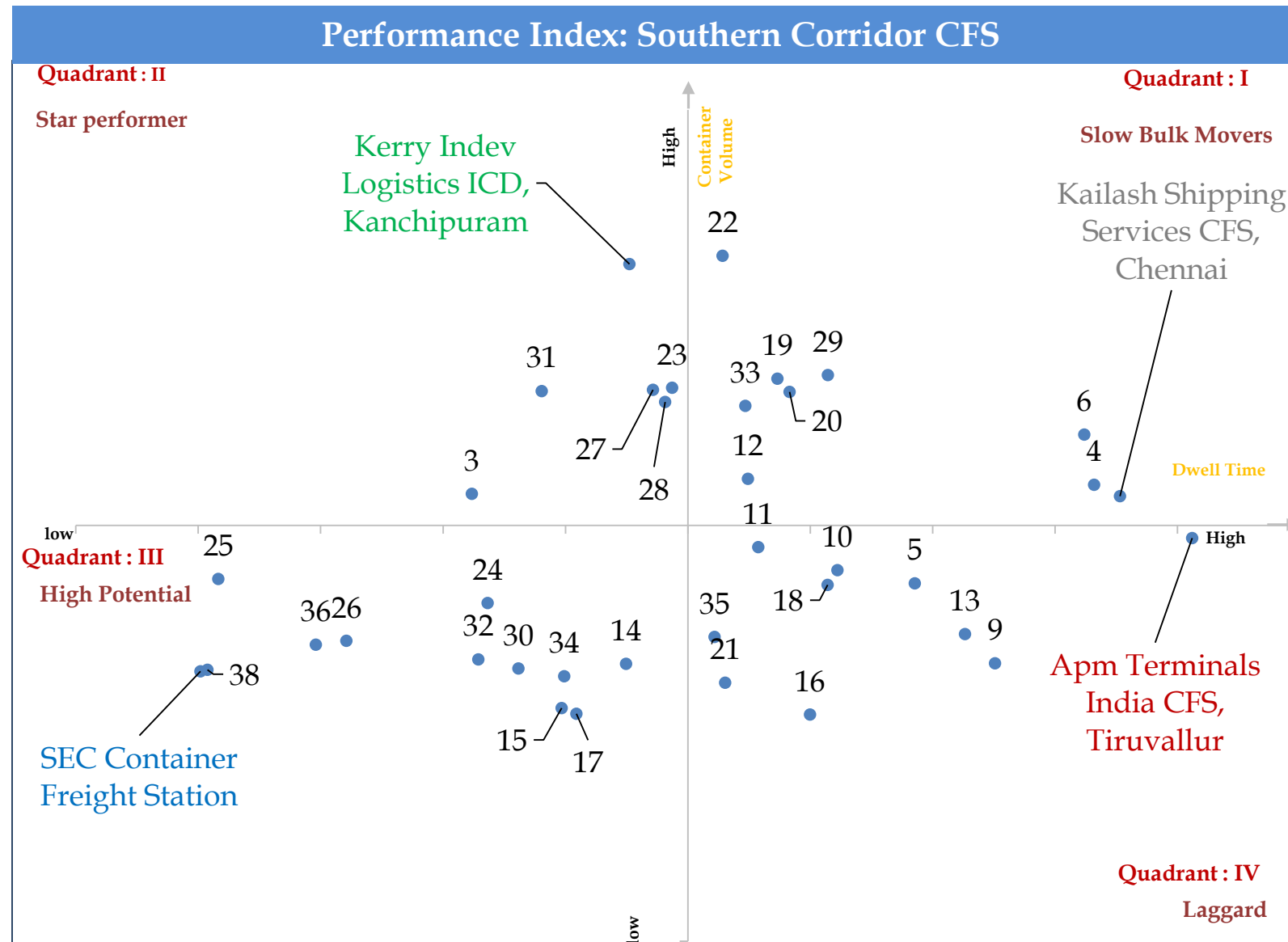
Slow Bulk Movers : consist of entities which have catered higher container volume at higher dwell time

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 May'19

Top Performing CFS

Kerry Index Logistics ICD, Kanchipuram

May'19

78.3 hrs

Low Performing CFS

Apm Terminals India CFS, Tiruvallur

May'19

171.4 hrs

Note: The performance benchmarking is based on performance index

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IMPORT

Port Dwell Time

Mode	April'19 (in hrs)	May'19 (in hrs)
Overall	44.1	46.3
Truck	43.4	45.8
Train	126.5	133.6

EXPORT

Mode	April'19 (in hrs)	May'19 (in hrs)
Overall	96.0	90.4
Truck	94.4	91.0
Train	112.9	78.6

Container Freight Stations(CFS)- Dwell Time



Container
Freight
Stations

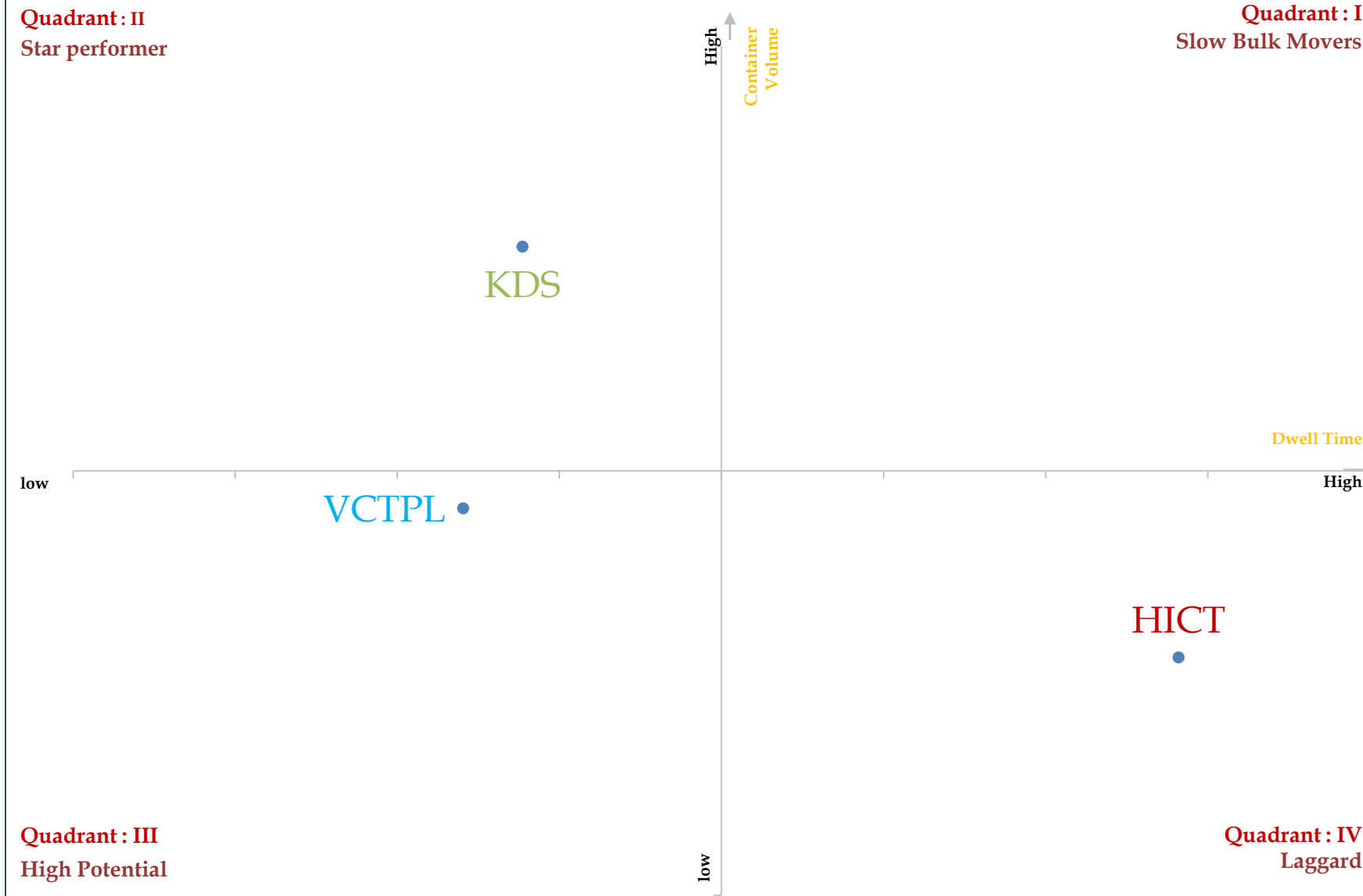
Entity	April'19 (in hrs)	May'19 (in hrs)
CFS	136.3	140.6

- The marked entries showcase increase in performance in comparison to April'19
- The marked entries showcase decrease in performance in comparison to April'19



Performance Benchmarking - Port Terminals

Port Terminal Performance Index - May'19



Performance benchmarking for Port Terminals covered under LDB project for May'19

Top Performing Terminal

Kolkata Dock System (KDS) , Kolkata Port

April'19

May'19

69.7 hrs

64.9



Low Performing Terminal

Haldia International Container Terminal (HICT)

April'19

May'19

120.0 hrs

96.0



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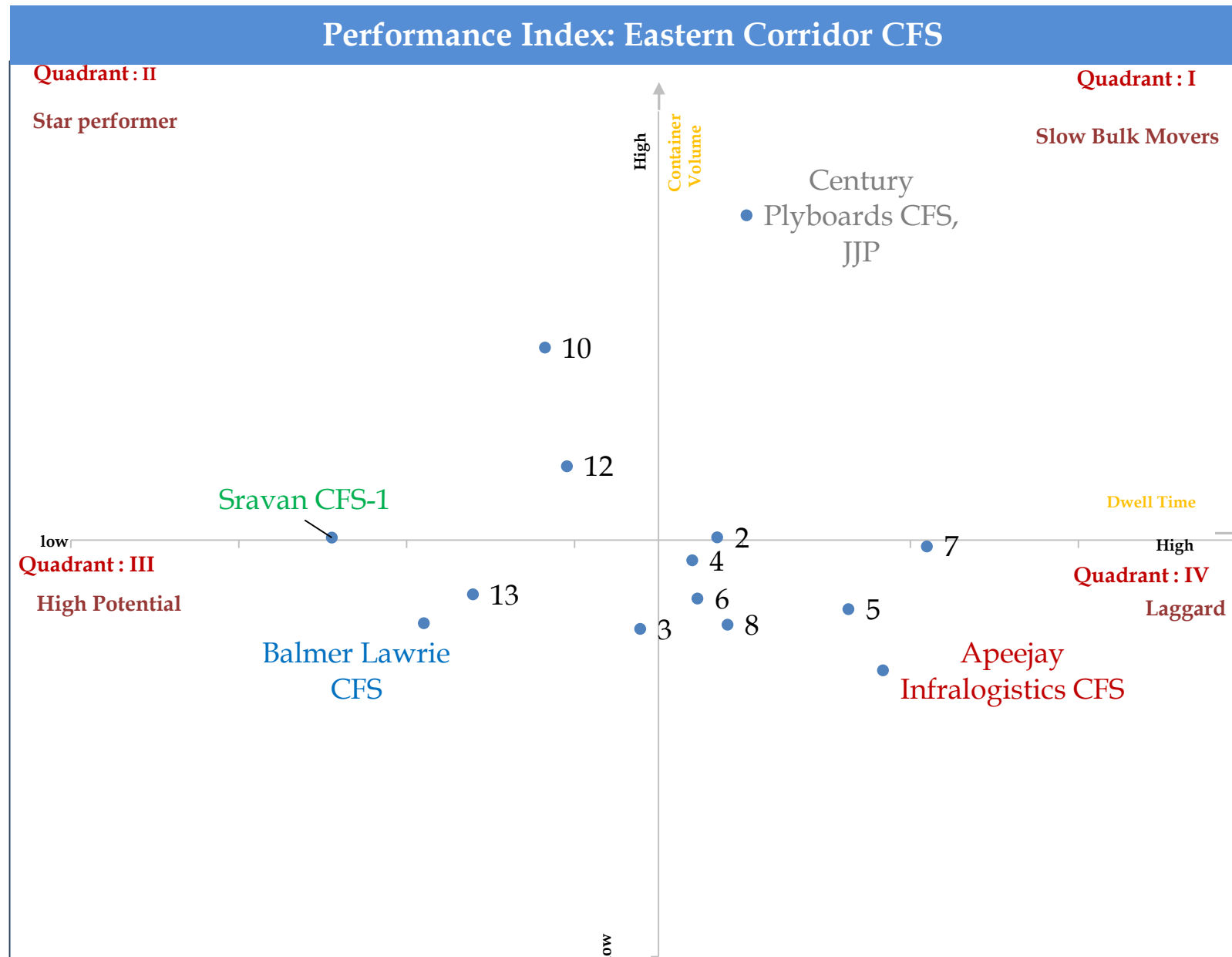
Slow Bulk Movers : consist of entities which have catered higher container volume at higher dwell time

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

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



Performance Benchmarking - CFS



Performance benchmarking for CFS covered under LDB project in Eastern Corridor for May'19

Top Performing CFS

Sravan CFS-1

May'19

95.9 hrs

Low Performing CFS

Apeejay Infralogistics CFS

May'19

169.8 hrs

Note: The performance benchmarking is based on performance index

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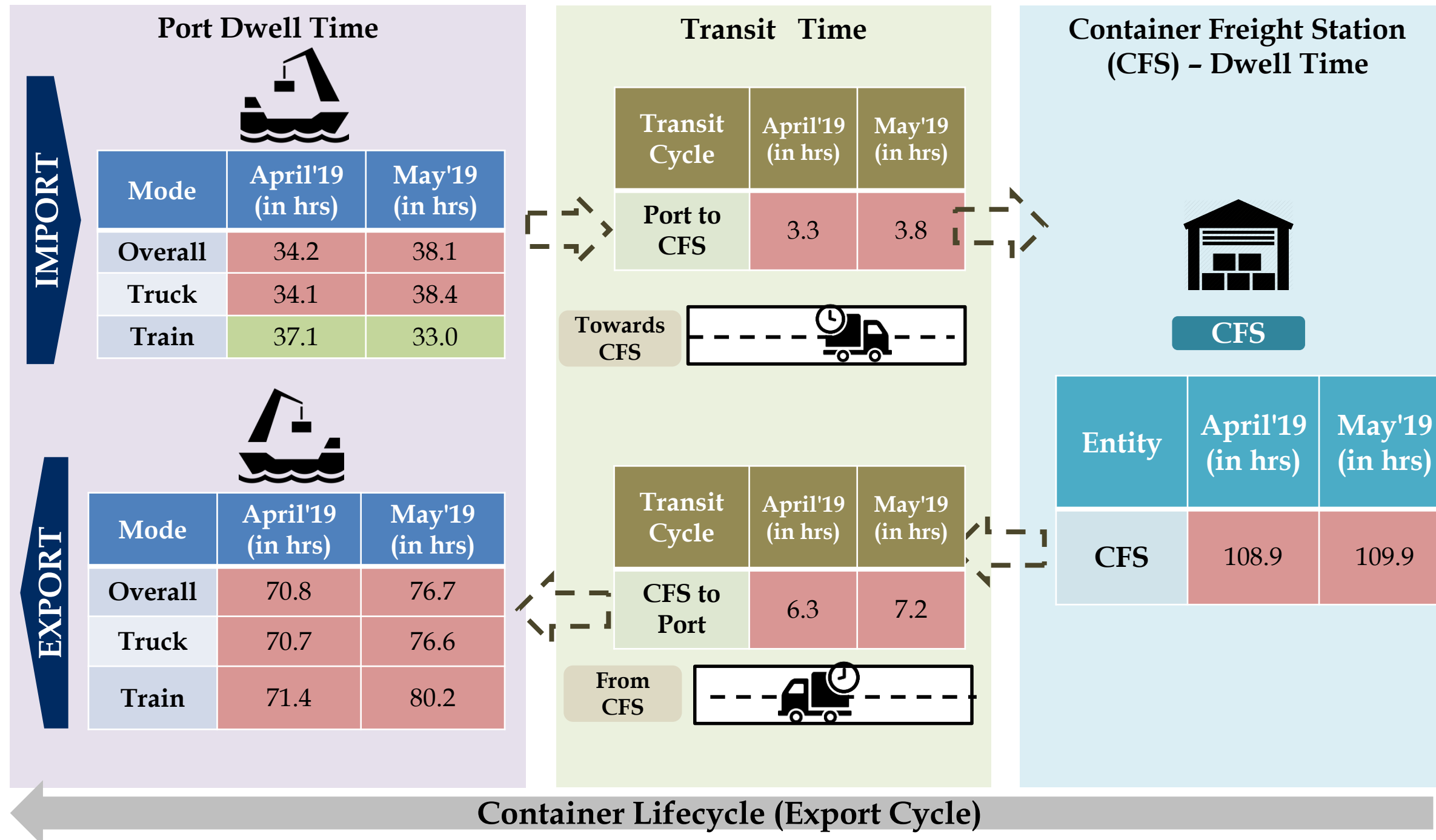
High Potential : consist of entities which have catered relatively lower container volume in lower dwell time

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

Annexure

Individual Terminal Performance In Southern Corridor

Container Lifecycle (Import Cycle)



The marked entries showcase the increase in performance as compared to April'19

The marked entries showcase the decrease in performance as compared to April'19

Port Dwell Time



IMPORT

Mode	April'19 (in hrs)	May'19 (in hrs)
Overall	51.8	48.0



EXPORT

Mode	April'19 (in hrs)	May'19 (in hrs)
Overall	-	65.7

Container Freight Station (CFS) - Dwell Time

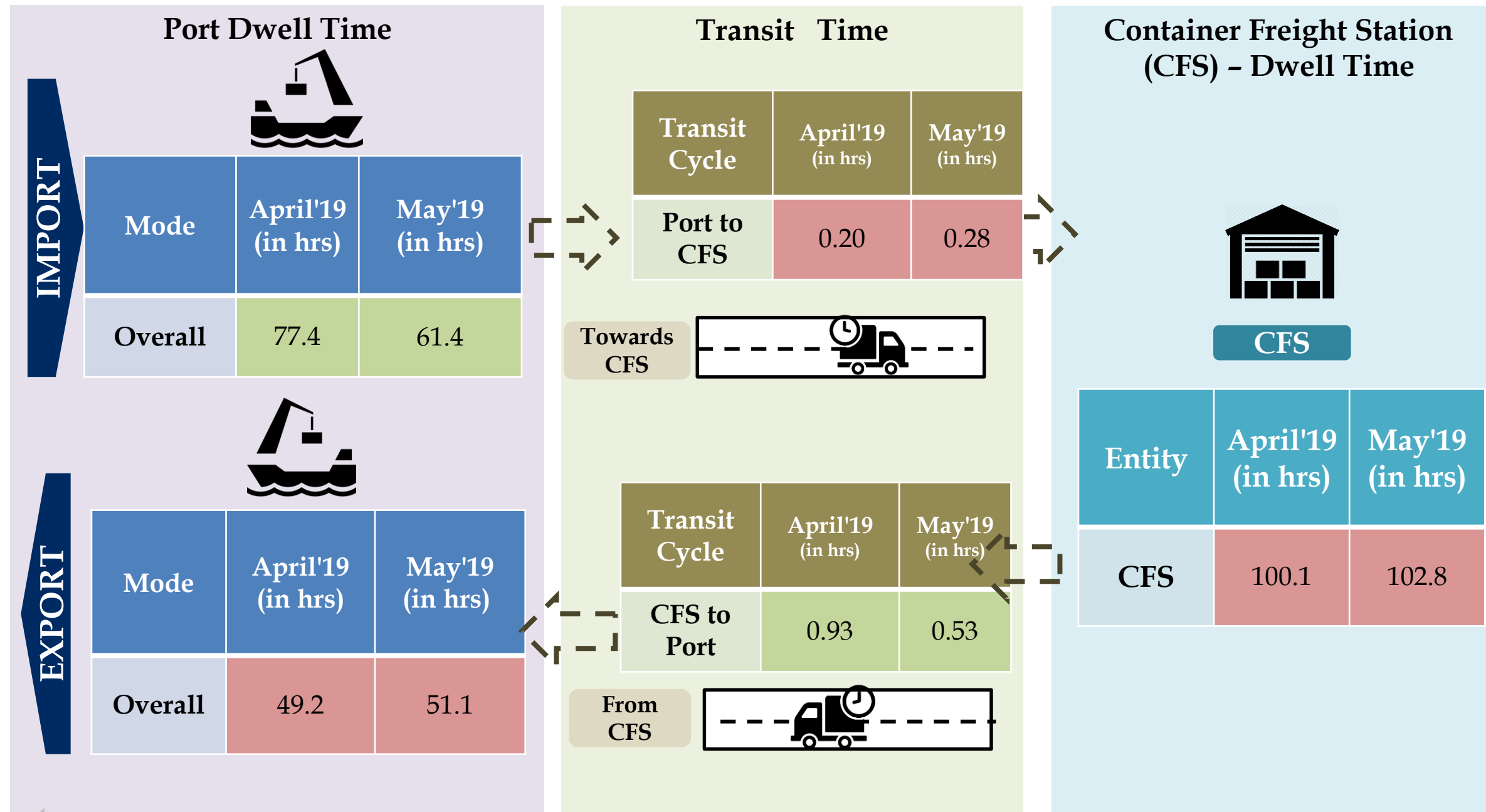


CFS

Entity	April'19 (in hrs)	May'19 (in hrs)
CFS	108.9	109.9

Kochi Port Terminal: Container Transportation

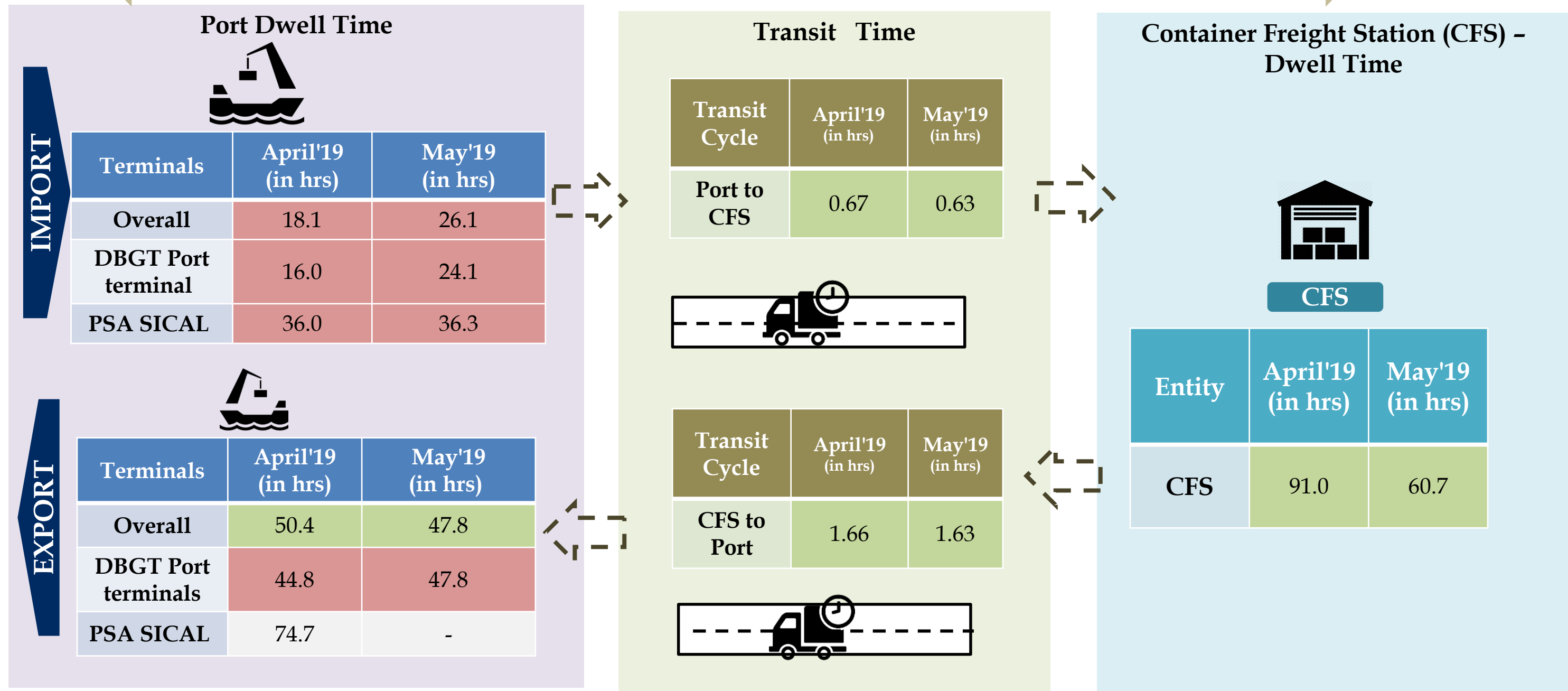
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Tuticorin Port Terminal: Port Dwell Time Performance

Container Lifecycle



 The marked entries showcase the increase in performance as compared to April'19

 The marked entries showcase the decrease in performance as compared to April'19

Container Lifecycle (Import Cycle)

Port Dwell Time*



Mode	April'19 (in hrs)	May'19 (in hrs)
Overall	129.2	119.6



Mode	April'19 (in hrs)	May'19 (in hrs)
Overall	100.7	69.7

Container Freight Station (CFS) - Dwell Time



CFS

Entity	April'19 (in hrs)	May'19 (in hrs)
CFS	97.7	90.5

The marked entries showcase the increase in performance as compared to April'19

The marked entries showcase the decrease in performance as compared to April'19

Cargo Dwell Time



Port

Port Cargo Dwell time	May'19 (in hrs)
Import	81.2
Export	64.0

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

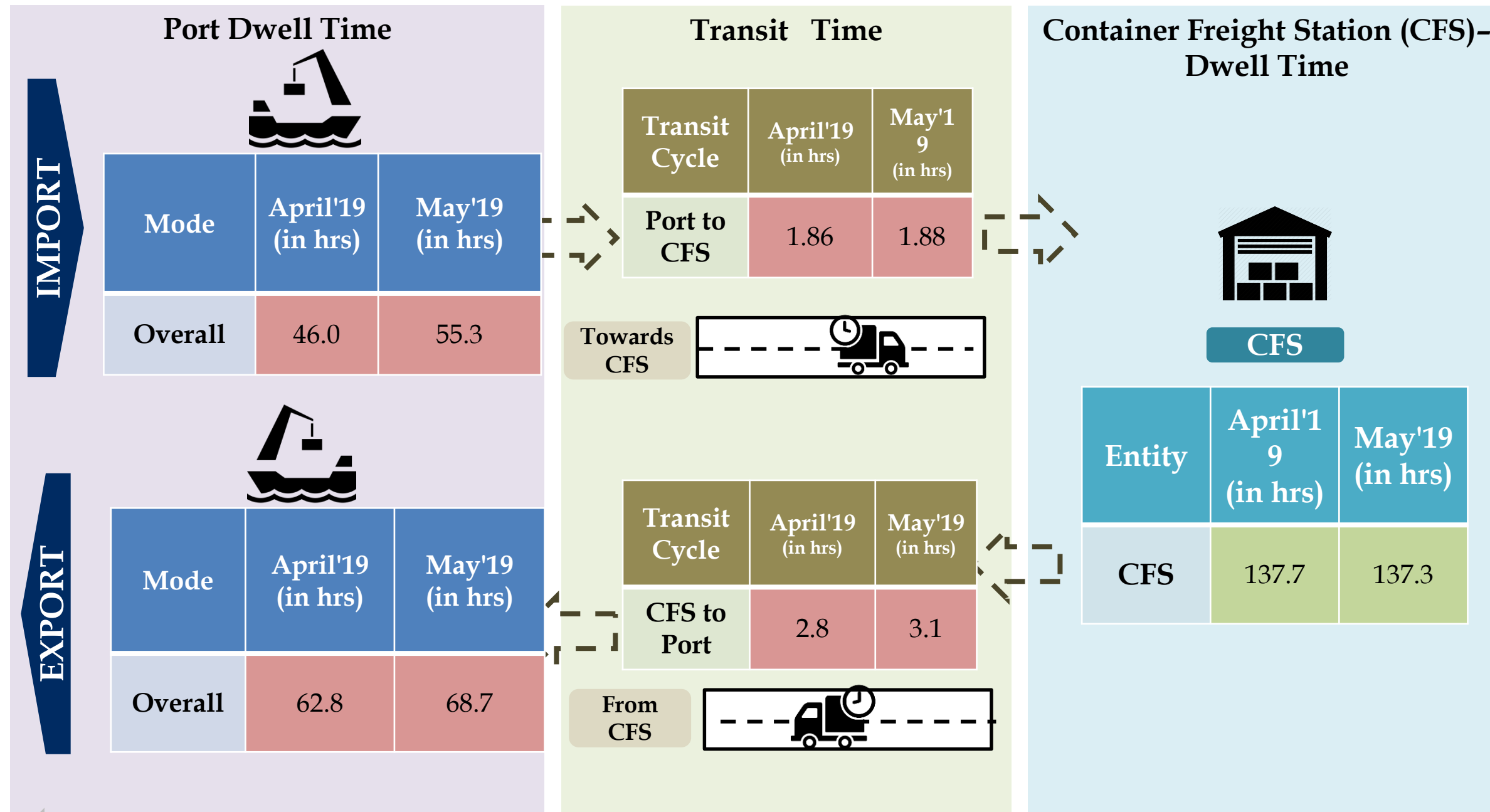
Container Lifecycle (Export Cycle)

★ 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

Individual Terminal Performance In Eastern Corridor

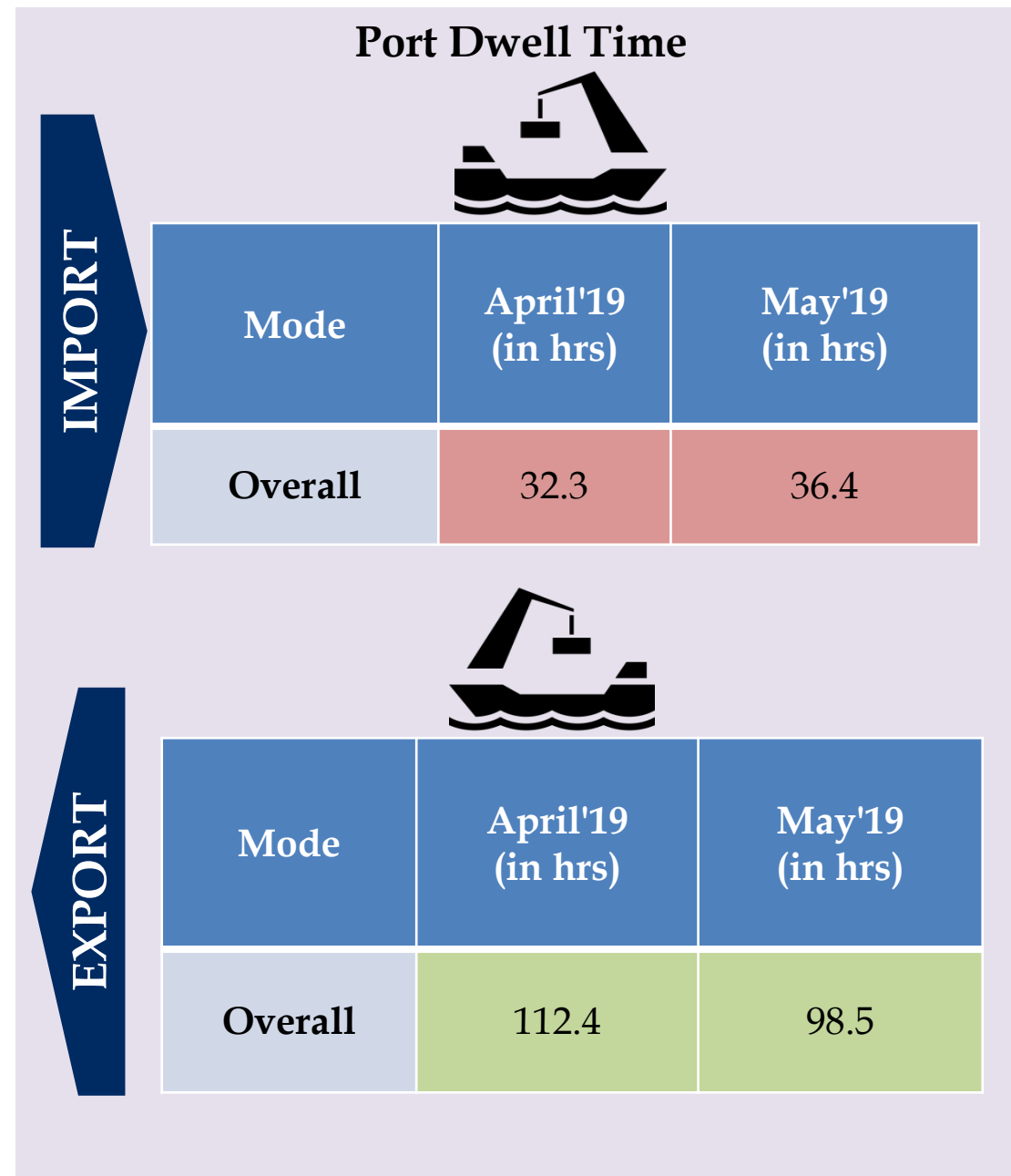
Vishakhapatnam Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)

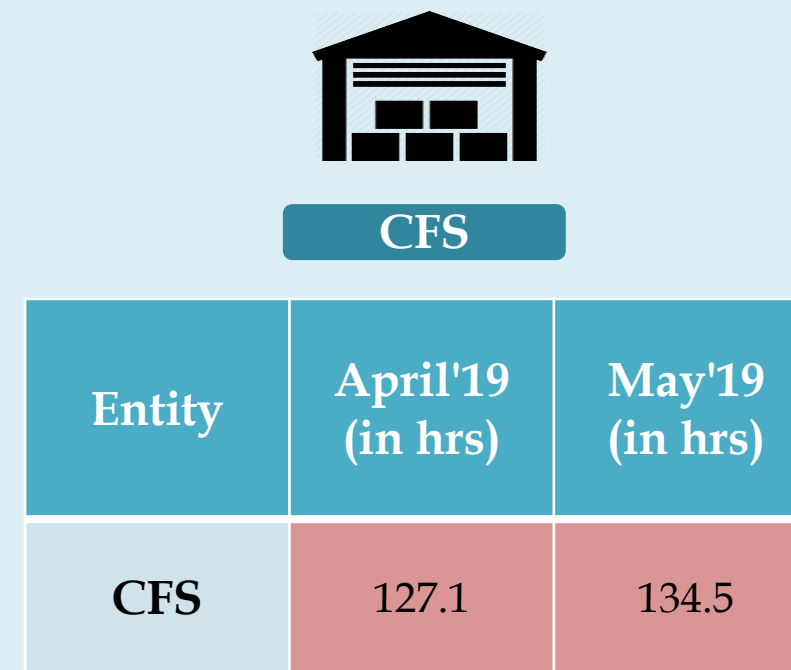


Container Lifecycle (Export Cycle)

Container Lifecycle (Import Cycle)



Container Freight Station (CFS)- Dwell Time

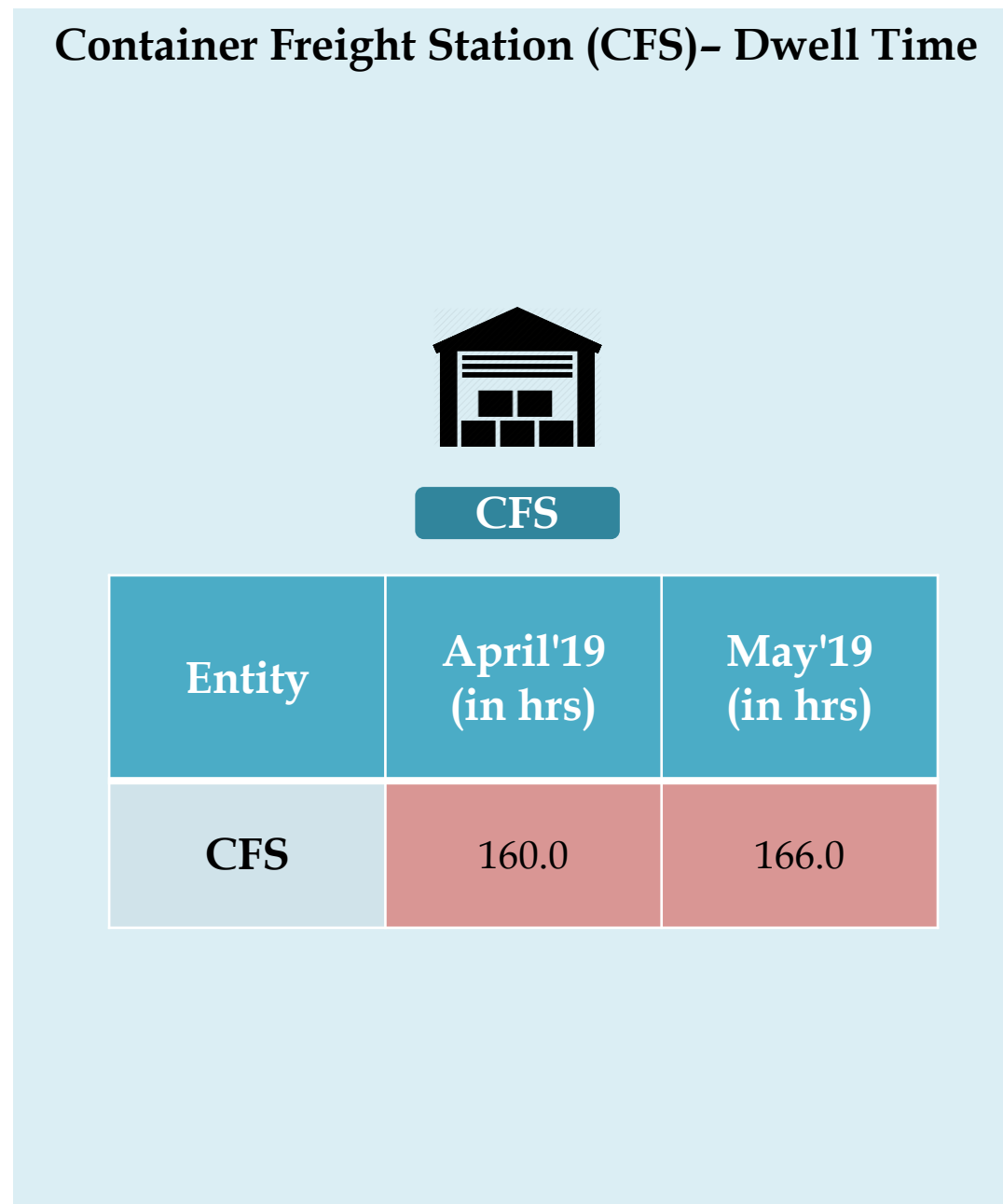
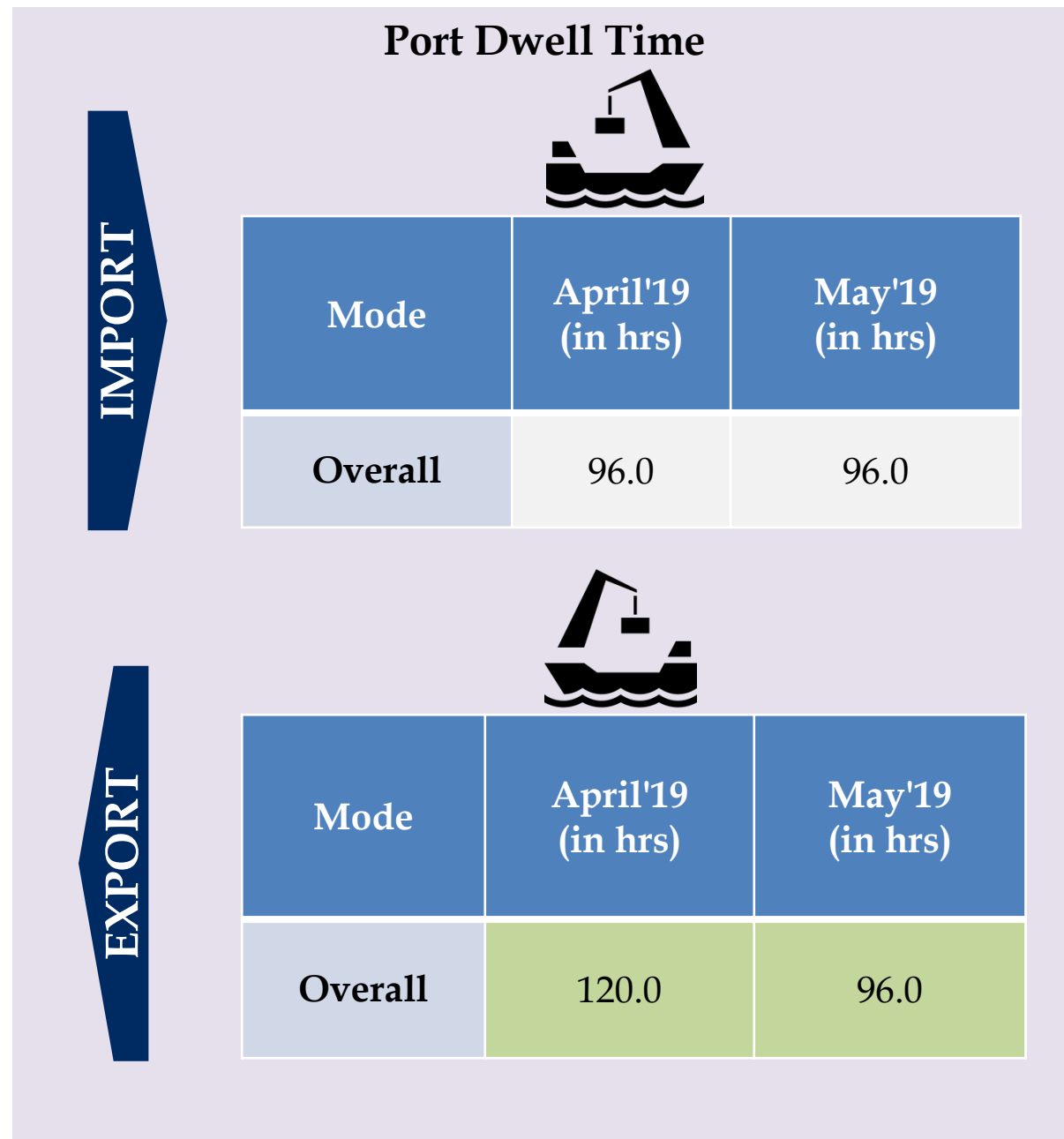



The marked entries showcase the increase in performance as compared to April'19


The marked entries showcase the decrease in performance as compared to April'19

Container Lifecycle (Export Cycle)

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

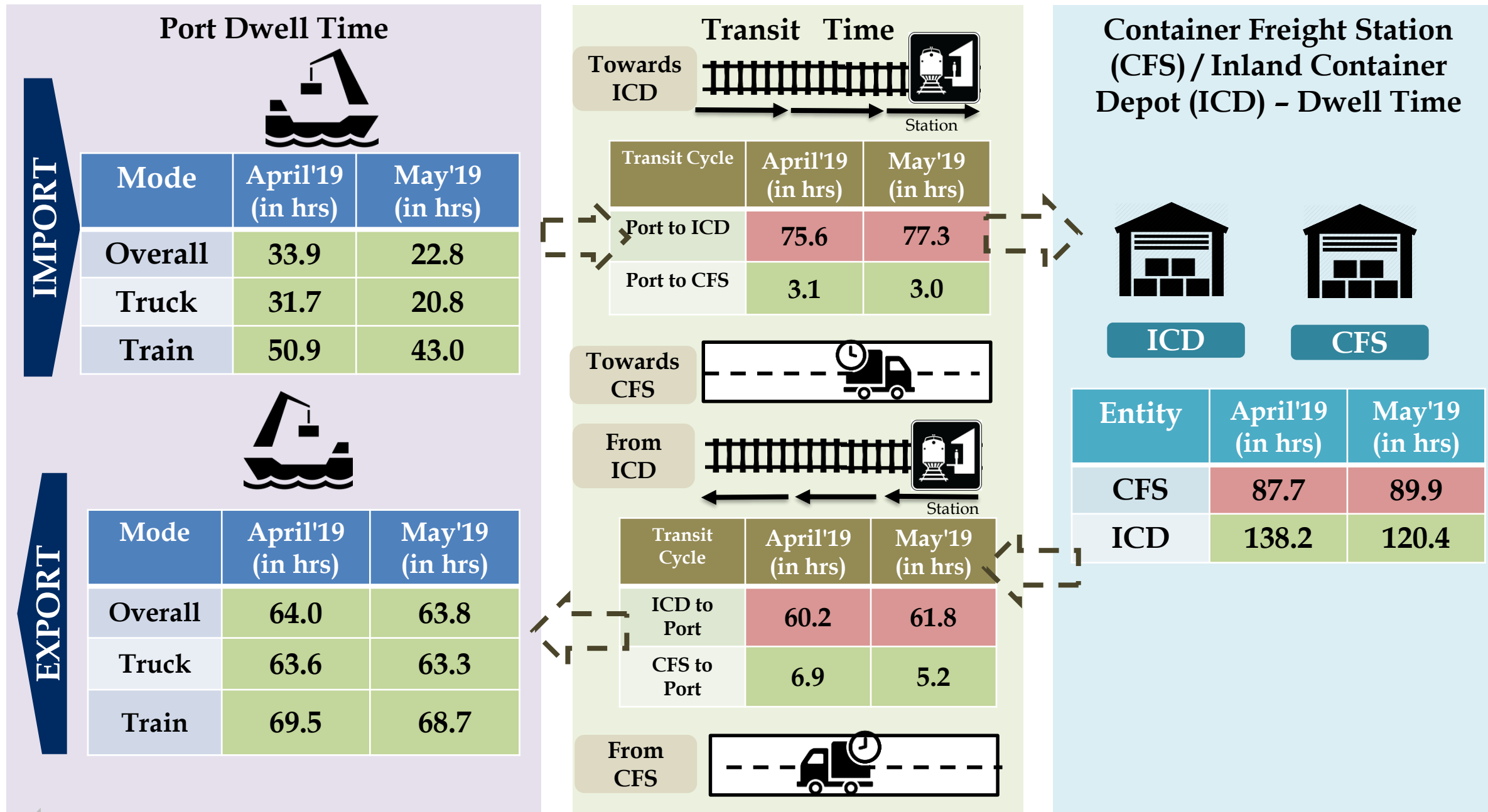


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Individual Terminal Performance In Western Corridor

Container Lifecycle (Import Cycle)



The marked entries showcase the increase in performance as compared to April'19

The marked entries showcase the decrease in performance as compared to April'19

Container Lifecycle (Export Cycle)

Container Transportation- JNPT Port Terminals

IMPORT CYCLE DWELL TIME (May'19 – in hrs)			Compared to April'19
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	22.8	33% ↑
	Port Dwell Time for Truck Bound Containers	20.8	34% ↑
	Port Dwell time for Train Bound Containers	43.0	16% ↑
	Port Dwell time Direct Port Delivery (DPD) containers	54.7	20% ↑
	Port Dwell time Containers bound for CFS	18.4	37% ↑
	Port Dwell for Empty Containers	38.6	42% ↑
	Port Dwell for Laden Containers	23.4	23% ↑
TRANSIT TIME	Port to ICD	77.3	2% ↓
	Port to CFS	3.0	4% ↑





The arrows depict increase/decrease in performance of the stakeholders in comparison to Dec'18





EXPORT CYCLE DWELL TIME (May'19– in hrs)			Compared to April'19
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	63.8	0.3% ↑
	Port Dwell Time for Truck Bound Containers	63.3	0.4% ↑
	Port Dwell time for Train Bound Containers	68.7	1.2% ↑
	Port Dwell time Direct Port Entry (DPE) containers	62.3	4% ↓
	Port Dwell time Containers bound from CFS	60.5	6% ↑
	Port Dwell for Empty Containers	59.5	1% ↓
	Port Dwell for Laden Containers	64.4	1% ↑
TRANSIT TIME	ICD to Port	61.8	3% ↓
	CFS to Port	5.2	24% ↑



The arrows depict increase/decrease in performance of the stakeholders in comparison to April'19

Container Lifecycle (Import Cycle)

IMPORT	Port Dwell Time		
			
	Mode	April'19 (in hrs)	May'19 (in hrs)
	Overall	29.3	31.0
	Truck	25.9	27.5
EXPORT			
	Mode	April'19 (in hrs)	May'19 (in hrs)
	Overall	99.6	94.7
	Truck	99.5	93.7
	Train	100.7	98.4

Transit Time			
Towards ICD 			
	Station		
Transit Cycle	April'19 (in hrs)	May'19 (in hrs)	
Port to ICD	98.4	113.4	
Port to CFS	1.1	1.5	
Towards CFS 			
From ICD 			
	Station		
Transit Cycle	April'19 (in hrs)	May'19 (in hrs)	
ICD to Port	98.8	70.1	
CFS to Port	1.8	0.9	
From CFS 			

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



Entity	April'19 (in hrs)	May'19 (in hrs)
CFS	92.4	88.7
ICD	138.2	120.4

The marked entries showcase the increase in performance as compared to April'19

The marked entries showcase the decrease in performance as compared to April'19

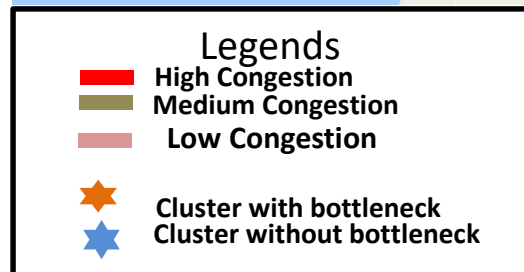
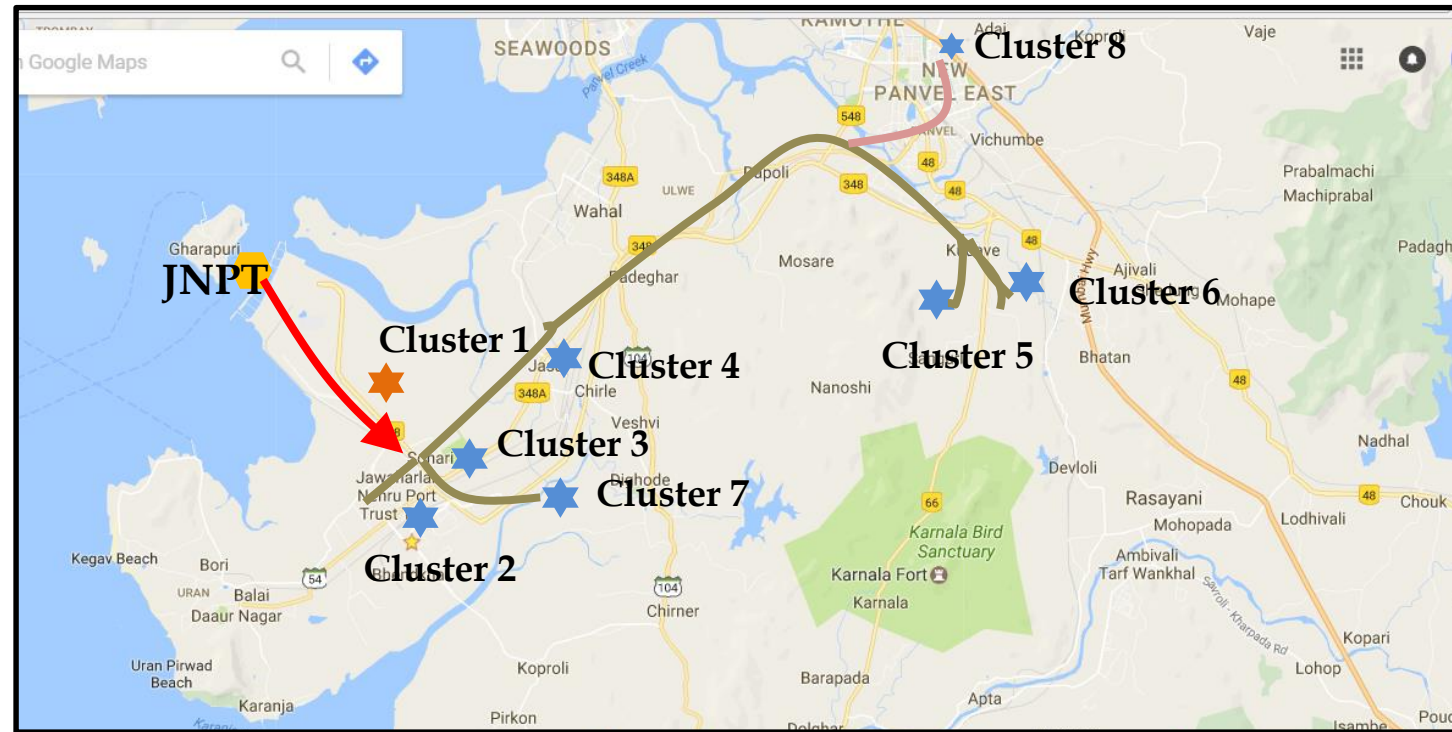
Container Lifecycle (Export Cycle)

IMPORT CYCLE DWELL TIME (May'19- in hrs)			Compared to April'19
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	31.0	6% ↓
	Port Dwell Time for Train Bound Containers	113.3	8% ↓
	Port Dwell time for Truck Bound Containers	27.5	6% ↓
TRANSIT TIME	Port to ICD	113.4	15% ↓
	Port to CFS	1.5	34% ↓

EXPORT CYCLE DWELL TIME (May'19- in hrs)			Compared to April'19
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	94.7	5% ↑
	Port Dwell Time for Train Bound Containers	98.4	2% ↑
	Port Dwell time for Truck Bound Containers	93.7	6% ↑
TRANSIT TIME	ICD to Port	70.1	29% ↑
	CFS to Port	0.9	50% ↑

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JNPT - Import - May'19



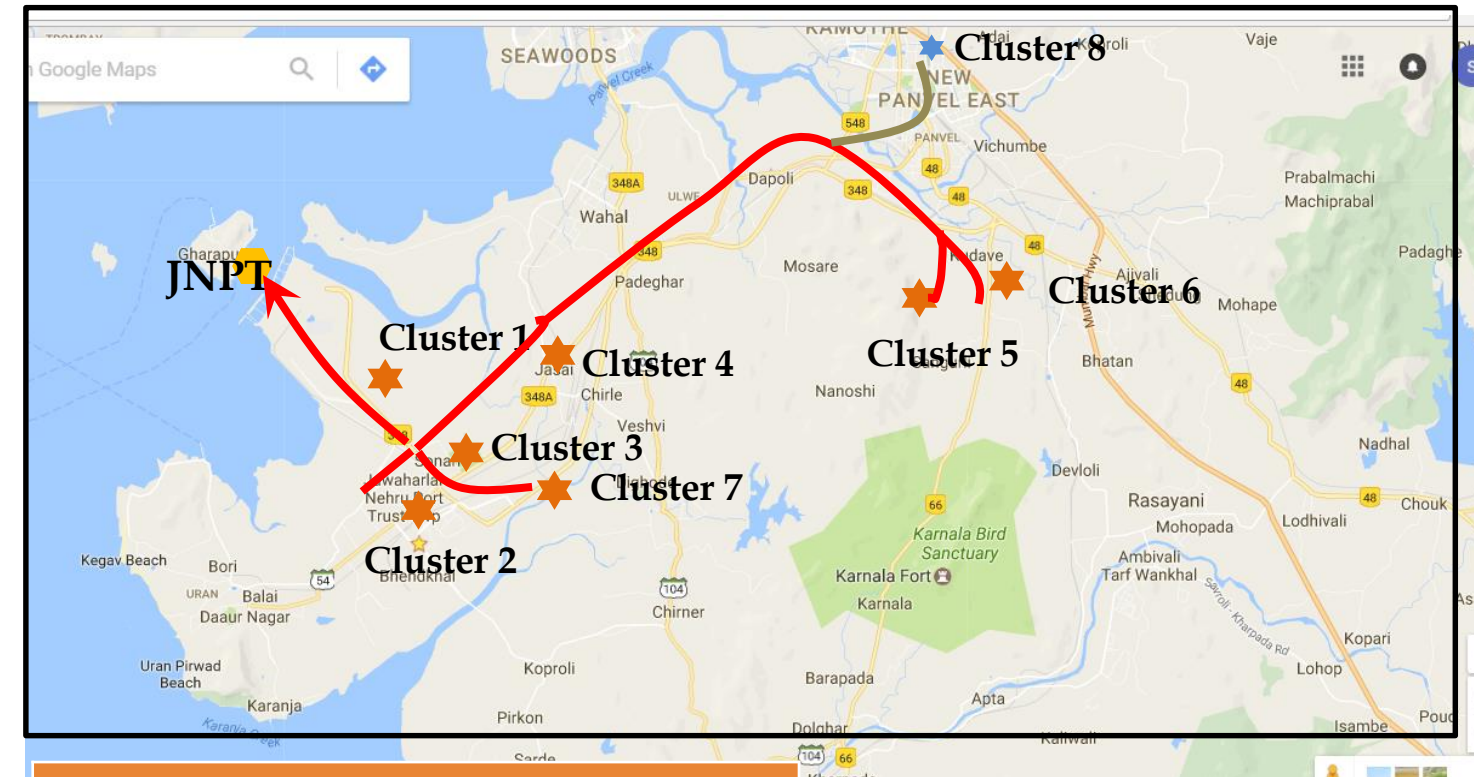
Clusters with bottleneck

Cluster 1	JNPT Area
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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, Coachi kanyakumari Highway
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road
CLUSTER 8	Taloja, Navi Mumbai

JNPT - Export - May'19



Clusters with bottleneck

CLUSTER 1	JNPT Area
CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area, JNPT road
CLUSTER 4	Chirle area, JNPT road
CLUSTER 5	Plaspa area, Coach kanyakumari Highway
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road

Clusters without bottleneck

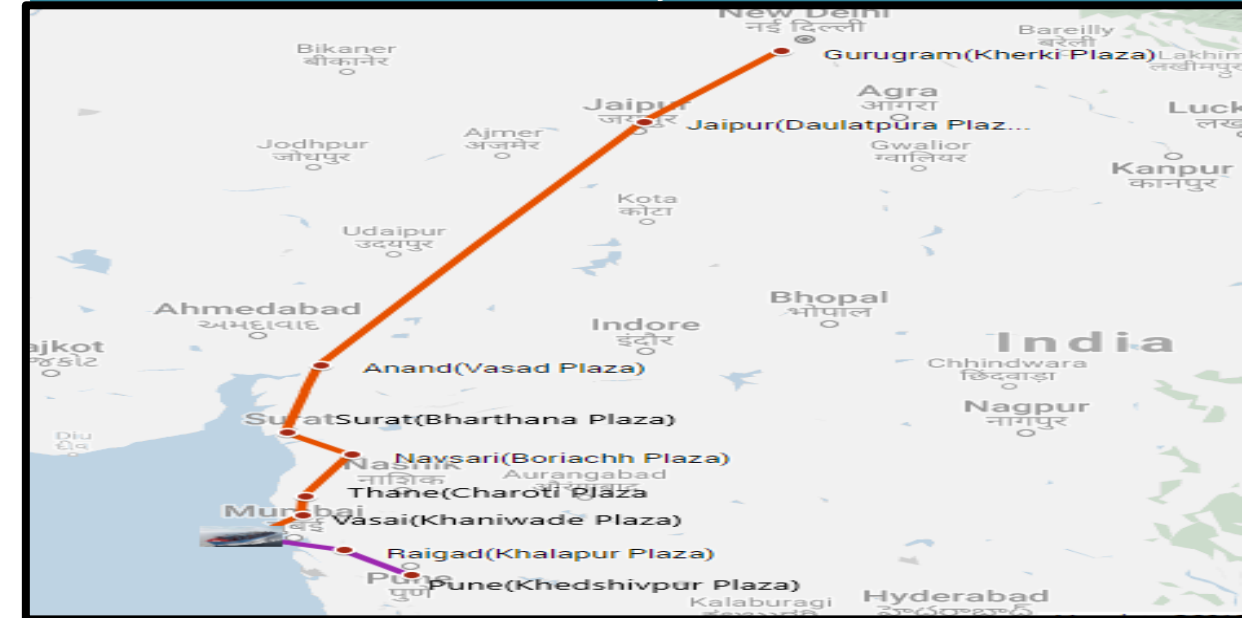
CLUSTER 8	Taloja, Navi Mumbai
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Western Corridor Toll Plaza Analysis

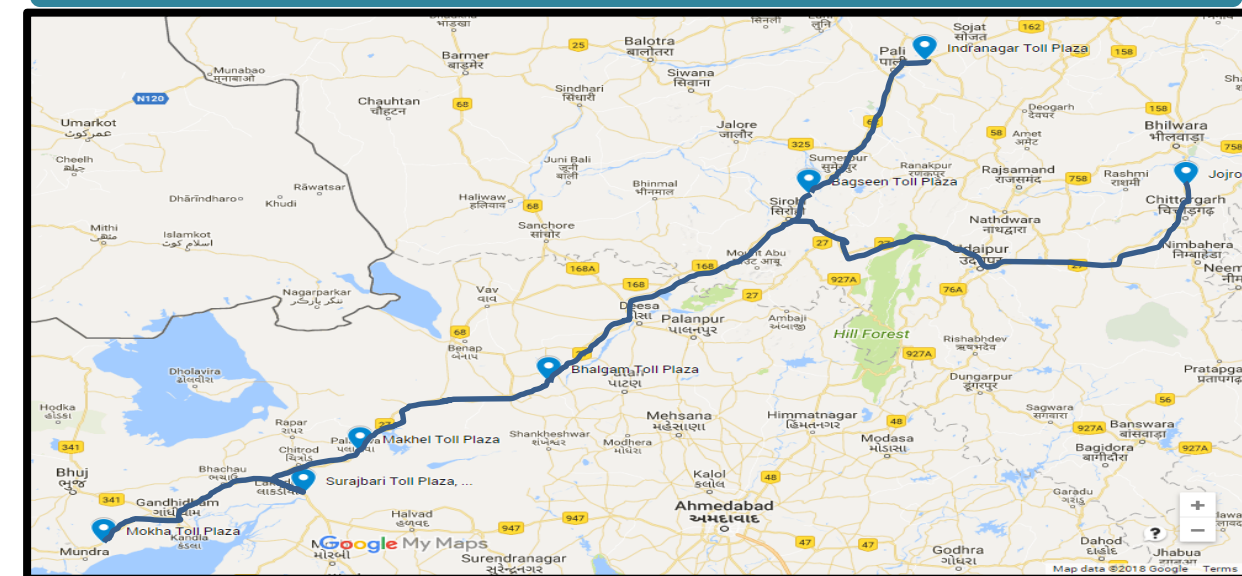
Avg. Speed between Toll Plazas

	Source	Destination Toll Plaza	Inter Distance (Km)	April'19 (in km/hrs)	May'19 (in km/hrs)
JNPT	JNPT	Khaniwade	94	13.6	15.4
	JNPT	Khalapur	60	12.4	12.8
	Khaniwade	Charoti	50	37.1	36.3
	Charoti	Boriach	126	27.7	27.9
	Boriach	Bharthan	142	32.1	31.7
	Bharthan	Vasad	60	39.9	39.8
	Khalapur	Khedshivpur	105	25.7	27.2
	Daulatpura	Kherki	199	22.2	22.3
APSEZ	APSEZ	Mokha	28	21.2	22.0
	Mokha	Makhel	150	25.0	25.4
	Mokha	Surajbari	115	27.7	26.3
	Makhel	Bhalgam	108	37.5	37.5
	Bhalgam	Uthamam	209	28.4	28.8
	Uthamam	Indranagar	109	34.8	35.6

Toll Plaza - JNPT Port



Toll Plaza - APSEZ Port



List of CFS name used in CFS Performance Index

1	Adani CFS Exim yard, Mundra	21	Maharashtra State Corp CFS
2	All Cargo CFS, Mundra	22	MICT CFS, Mundra
3	Ameya Logistics CFS, Navi Mumbai	23	Mundhra CFS, Mundra
4	APM (Maersk India) CFS, Navi Mumbai	24	Navkar Corporation Yard 1 CFS, Panvel
5	Apollo Logisolutions CFS, Panvel	25	Navkar Corporation Yard 2 CFS, Panvel
6	Ashte Logistics CFS, Panvel	26	Navkar Corporation Yard 3 CFS, Panvel
7	Ashutosh CFS, Mundra	27	Ocean Gate CFS, Panvel
8	Continental Warehousing CFS, Navi Mumbai	28	Punjab Conware CFS, Navi Mumbai
9	CWC Hind Terminal CFS, Navi Mumbai	29	Saurashtra CFS, Mundra
10	Dronagiri Rail Terminal CFS, Navi Mumbai	30	SBW Logistics CFS, Navi Mumbai
11	Gateway Distriparks CFS, Navi Mumbai	31	Seabird CFS, Hazira
12	Hind Mundra Terminals CFS, Mundra	32	Seabird CFS, Mundra
13	Hind Terminal CFS, Hazira	33	Seabird CFS, Navi Mumbai
14	Honey Comb CFS, Mundra	34	Speedy Multimode CFS, JNPT
15	Indev Logistics CFS, Panvel	35	Take Care Logistics CFS
16	International Cargo Terminal CFS	36	TG Terminals CFS
17	International Cargo Terminals (ULA) CFS, Navi Mumbai	37	TG Terminals CFS, Mundra
18	JWC Logistics Park CFS	38	Transindia Logistics Park, Navi Mumbai
19	JWR CFS	39	Transworld CFS, Mundra
20	Maersk Annex (APM)CFS, Navi Mumbai	40	Vaishno Logistics CFS, Navi Mumbai
		41	Landmark CFS, Mundra
		42	Empezar Logistics 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	CMA CGM Logistics Park, Dadri
6	CONCOR ICD, Aurangabad
7	CONCOR ICD, Dadri
8	CONCOR Kanakpura ICD, Jaipur
9	CONCOR Mulund ICD, Mumbai
10	CONCOR Tughlakabad ICD, New Delhi
11	Gateway Rail Freight ICD, Gurgaon

List of CFS name used in CFS Performance Index

1	Allcargo Global Logistics CFS, Chennai
2	Kailash Shipping Services CFS, Chennai
3	Kerry Indev Logistics ICD, Kanchipuram
4	Sanco Trans CFS, Chennai
5	Sattva Hi-Tech And Conware CFS, Chennai
6	Balmer Lawrie CFS, Chennai
7	A S Shipping Agencies CFS, Tiruvallur
8	Sudharsan Logistics CFS, Chennai
9	Gateway Distriparks CFS, Chennai
10	Sattva Cfs And Logistics CFS, Chennai
11	STP Services CFS, Chennai
12	MIV CFS
13	GDKL CFS
14	Cochin Port Trust CFS
15	Seabird CFS, Krishnapatnam
16	Gateway Distripark CFS, Krishnapatnam
17	A V Joshi CFS
18	Chola Logistiks Pvt Ltd
19	ALS Tuticorin Terminal Private Limited
20	Raja Agencies CFS
21	Hari CFS

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



THANK YOU