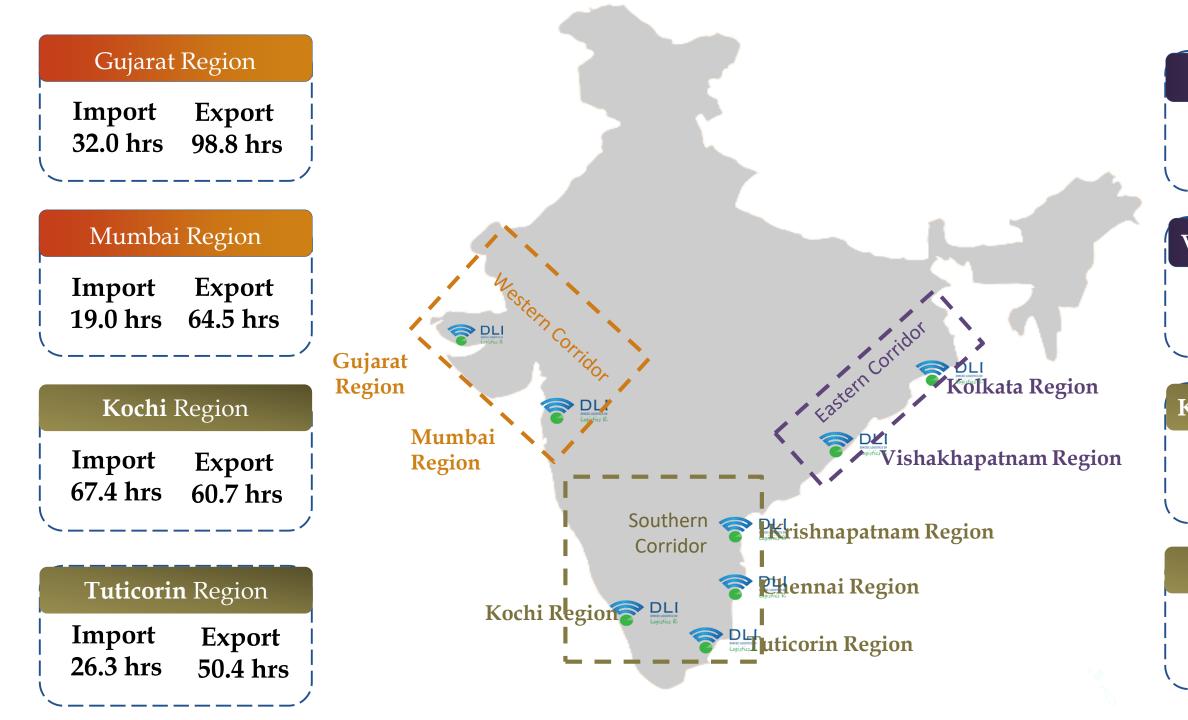
## Logistics Databank Analytics Report- June 2019







## PAN INDIA Performance Snapshot: June 2019 (Dwell Time)





## Kolkata Region

Import 34.4 hrs Export 96.1 hrs

Vishakhapatnam Region

Import 62.7 hrs Export 58.7 hrs

### Krishnapatnam Region

Import 94.2 hrs Export 68.5 hrs

### Chennai Region

Import 37.2 hrs Export 77.8 hrs

## Executive Summary (1/2)

by 19%

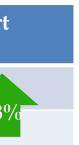
- **Southern Corridor** Export Dwell Time Performance at Southern Corridor Ports has improved by 6% which is the supported by the improvement of 17% in handling rail bound containers Southern Corridor - Export **Export Rail handling** Component **Port Performance** Performance June 2019 60.9 hrs 59.7  $6^{0/0}$ May 2019 64.7 hrs 72.3 Import Cycle Port Dwell Time Performance at Kochi Port has decreased by 10% whereas Import Cycle Port Dwell Time Performance has improved ٠
  - Kochi Import Kochi – Export Component Port Performance **Port Performance** June 2019 67.4 hrs 51.1 hrs 10%May 2019 61.4 hrs 60.7 hrs

### **Eastern Corridor**

Import Dwell Time Performance at Eastern Corridor has decreased by 20% whereas has improved in Export Dwell Time Performance has ٠ increased by 8%

Component	Eastern Corridor - Import Port Performance	Eastern Corridor – Export Port Performance
June 2019	55.5 hrs	83.6 hrs
May 2019	46.3 hrs	90.4 hrs





## Executive Summary (2/2)

### Western Corridor (JNPT & Gujarat)

- Import Dwell time performance at Western corridor has improved by 10% whereas Export Dwell time performance has decreased by 4%
- ICD Dwell Time performance has decreased by 9%

Component	Western Corridor – Import Port Performance	Western Corridor – Export Port Performance	ICD Dwell Tin
June 2019	23.0 hrs	80.2 hrs	131.
May 2019	25.5 hrs	77.0 hrs	120.4

### **Gujarat Port Terminals (Adani Ports Special Economic Zone)**

• Decrease in Overall export cycle performance has been observed

Component	May'19 (in hrs)	June'19 (in hrs)
ICD Dwell time	120.4	129.9 -8%
ICD to Port	70.1	86.3 23%
Export	94.7	98.8 4%

### Jawaharlal Nehru Port Terminals

• Import Dwell time performance at JNPT Port has improved by 17% and port to CFS transit time performance has improved by 7%

Component	JNPT – Import Overall Port Performance	JNPT – Port to CFS transit tip performance
June 2019	19.0 hrs	2.8 hrs
May 2019	22.8 hrs	3.0 hrs 7%

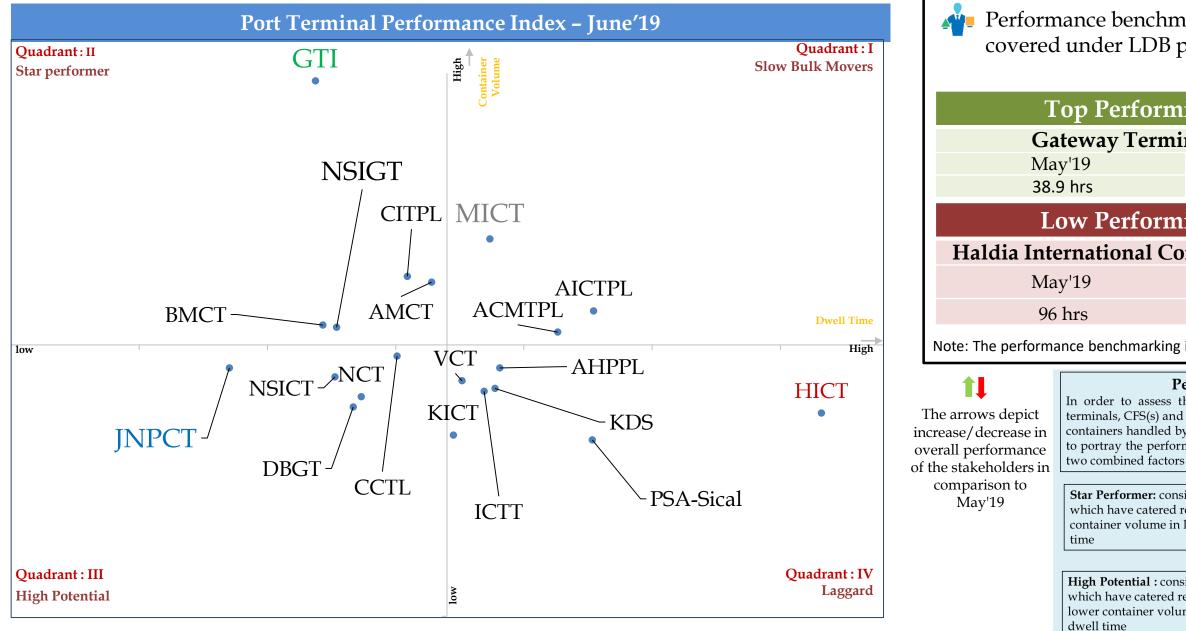




## Pan India - Port Performance Benchmarking & Performance Index



### **Performance Benchmarking - Port Terminals**





narking for Port Terminals project for June'19		
ing Termina	al	
inals India (GTI)		
June	e'19	
35.9	hrs T	
ing Terminal		
ontainer Terminal(HICT)		
Jun	e'19	
120	hrs	
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

nsist of entities l relatively high n lower dwell	<b>Slow Bulk Movers :</b> consist of entities which have catered higher container volume at higher dwell time
nsist of entities relatively ume in lower	<b>Laggard</b> : consist of entities which have catered relatively lower container volume at higher dwell time

## Container Transportation Performance - Western Corridor

	Ро	ort Dwell Time	
IMPORT	Mode	May'19 (in hrs)	June'19 (in hrs)
MP	Overall	25.5	23.0
	Truck	23.1	20.8
	Train	58.6	48.8

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



Entity	May'19 (in hrs)	June'19 (in hrs)
CFS	89.6	85.3
ICD	120.4	131.2

Mode	May'19 (in hrs)	June'19 (in hrs)
Overall	77.0	80.15
Truck	75.5	80.14
Train	87.0	80.18

EXPOR



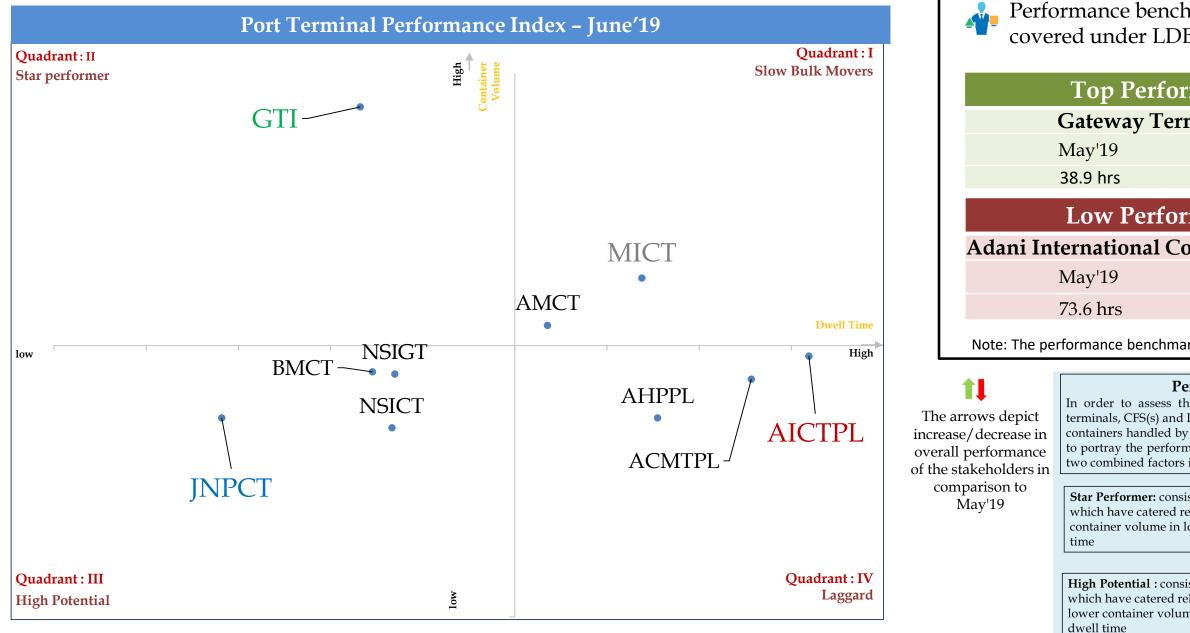
The marked entries showcase increase in performance in comparison to May'19

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

## Port Performance Benchmarking & Performance Index - Western Corridor



### **Performance Benchmarking - Port Terminals**







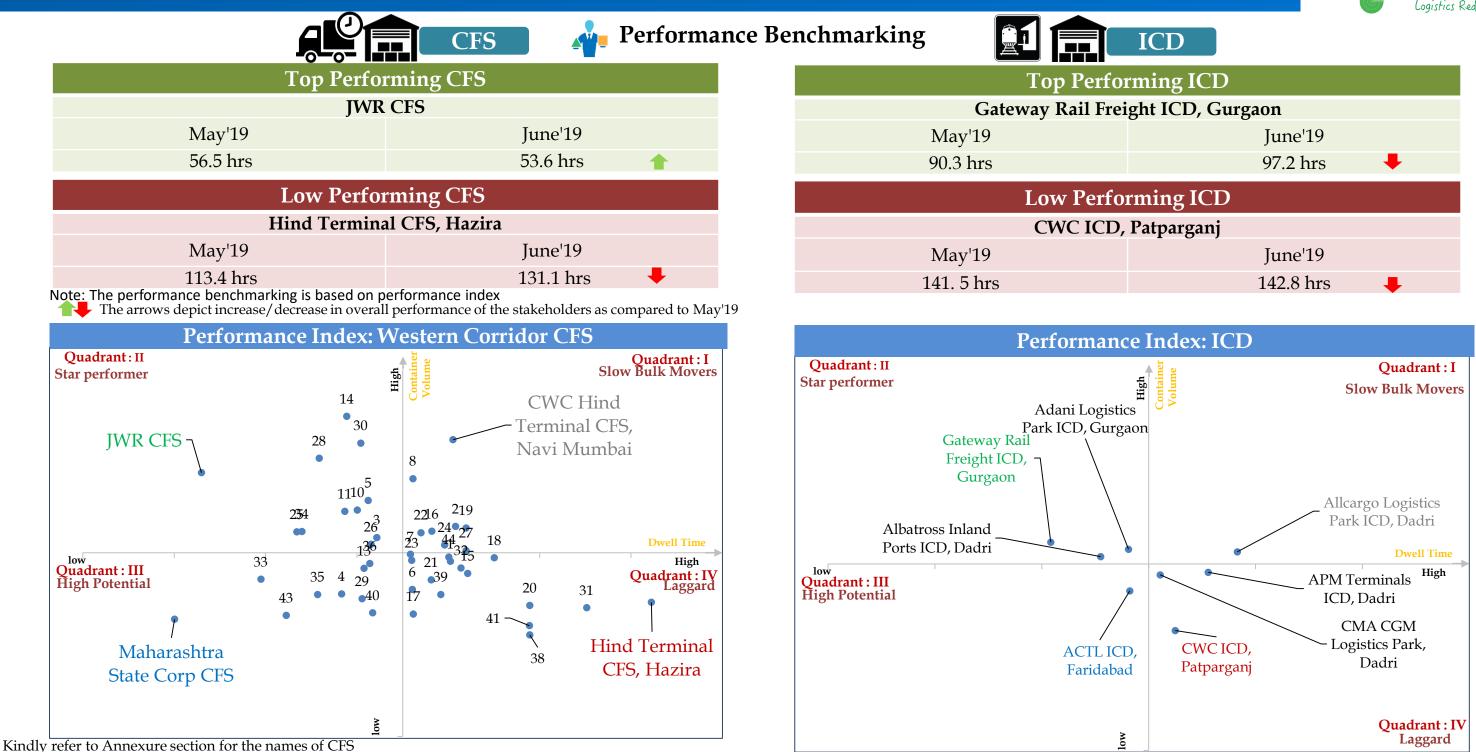
chmarking for Port Terminals DB project for June'19		
orm	ing Terminal	
rminals India (GTI)		
	June'19	
	35.9 hrs	
orming Terminal		
Container Terminal (AICTPL)		
	June'19	
	82.1 hrs	
narking is based on performance index		

### **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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nsist of entities relatively ume in lower	<b>Laggard</b> : consist of entities which have catered relatively lower container volume at higher dwell time

## CFS/ICD Performance Benchmarking & Performance Index - Western Corridor





ICD		
D, Gur	gaon	
	June'19	
	97.2 hrs	+
ICD		
ganj		
	June'19	
	142.8 hrs	+

## Container Transportation Performance - Southern Corridor

	Ре		
IMPORT	Mode	May'19 (in hrs)	June'19 (in hrs)
MP	Overall	41.4	40.0
	Truck	41.5	40.3
	Train	31.4	27.7

### **Container Freight Stations(CFS) – Dwell Time**



Entity	May'19 (in hrs)	June'19 (in hrs)
CFS	96.1	107.7

Mode	May'19 (in hrs)	June'1 (in hrs
Overall	64.7	60.9
Truck	64.2	60.9
Train	72.3	59.7

XPOR

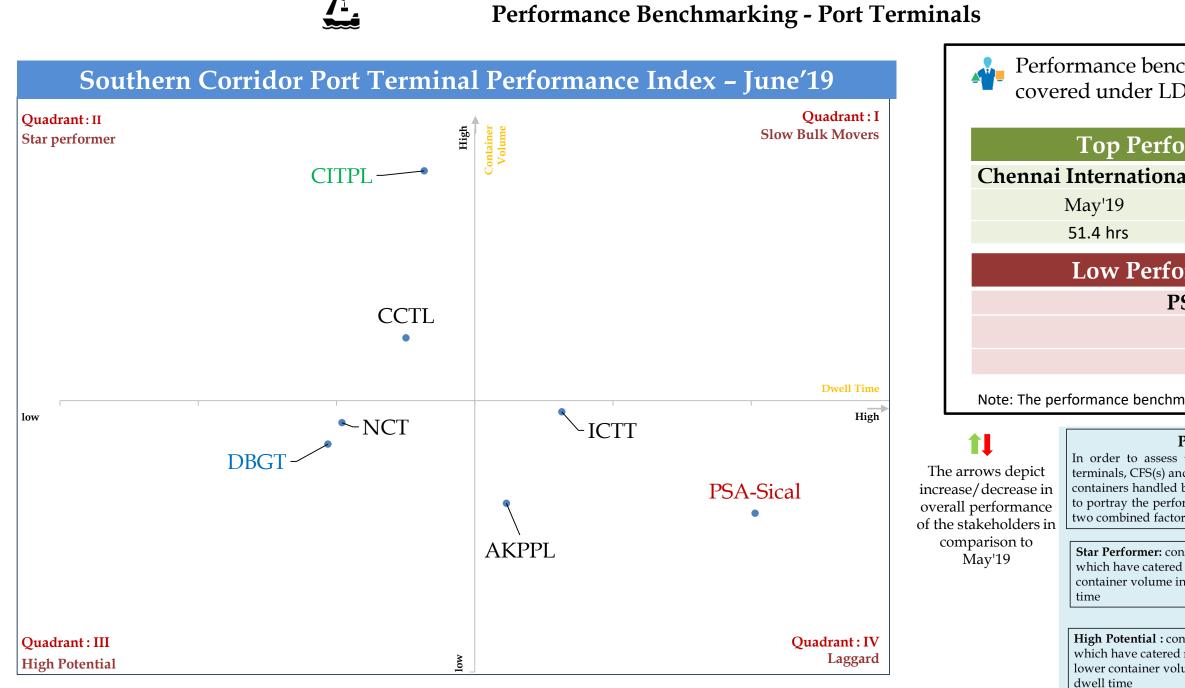


The marked entries showcase increase in performance in comparison to May'19

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

## Port Performance Benchmarking & Performance Index - Southern Corridor

**Performance Benchmarking - Port Terminals** 







chmarking for Port Terminals OB project for June'19		
orm	ing Terminal	
al Terminals Pvt Ltd (CITPL)		
	June'19	
	51.2 hrs 📫	
orming Terminal		
SA- Sical		
Jun	e'19	
71.1	hrs	
arking is based on performance index		

### **Performance Index- Summary**

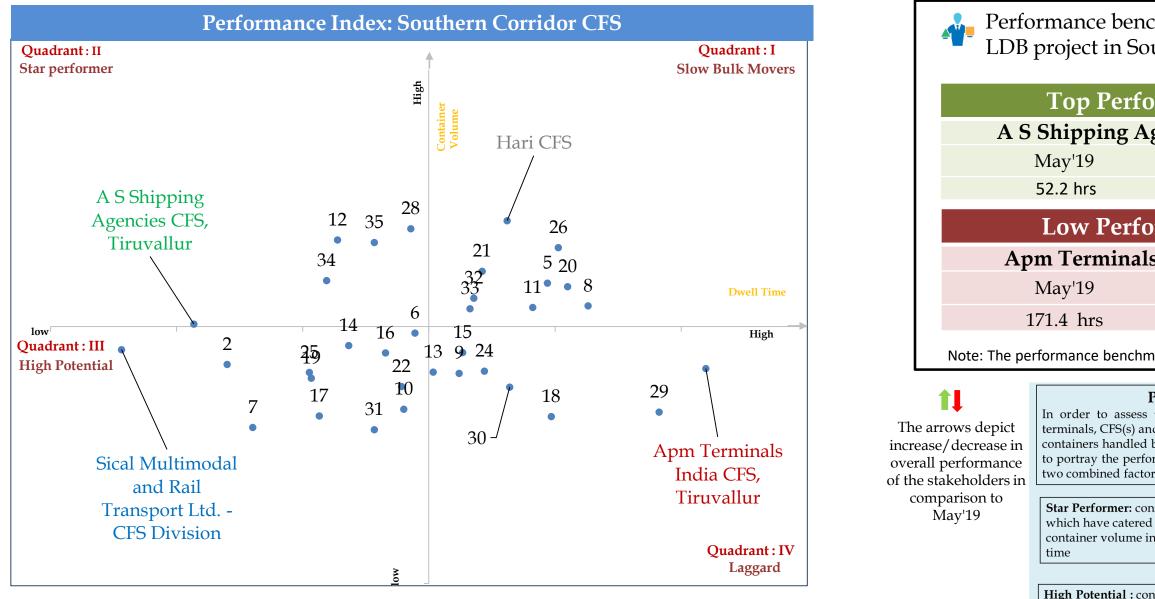
In order to assess the relative performance of various entities like Port terminals, CFS(s) and ICD(s), the relative Dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular organisation on the basis of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

nsist of entities l relatively high n lower dwell	<b>Slow Bulk Movers :</b> consist of entities which have catered higher container volume at higher dwell time
nsist of entities relatively ume in lower	<b>Laggard</b> : consist of entities which have catered relatively lower container volume at higher dwell time

## CFS Performance Benchmarking & Performance Index - Southern Corridor



**Performance Benchmarking - CFS** 



which have catered lower container vol dwell time





Performance benchmarking for CFS covered under LDB project in Southern Corridor for June'19

orming Terminal		
gencies CFS, Tiruvallur		
0	June'19	
	45.0 hrs 👔	
orming Terminal		
s In	dia CFS, Tiruvallur	
s In	<b>dia CFS, Tiruvallur</b> June'19	
s In	·	

### **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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nsist of entities relatively ume in lower	<b>Laggard</b> : consist of entities which have catered relatively lower container volume at higher dwell time

## Container Transportation Performance - Eastern Corridor

	Pe	ort Dwell Time	
IMPORT	Mode	May'19 (in hrs)	June'19 (in hrs)
MP	Overall	46.3	55.5
	Truck	45.8	55.2
	Train	133.6	152.7

**Container Freight Stations(CFS) – Dwell Time** 



Entity	May'19 (in hrs)	June'19 (in hrs)
CFS	140.6	143.1

Mode	May'19 (in hrs)	June'19 (in hrs)
Overall	90.4	83.6
Truck	91.0	83.5
Train	78.6	84.3

EXPORT



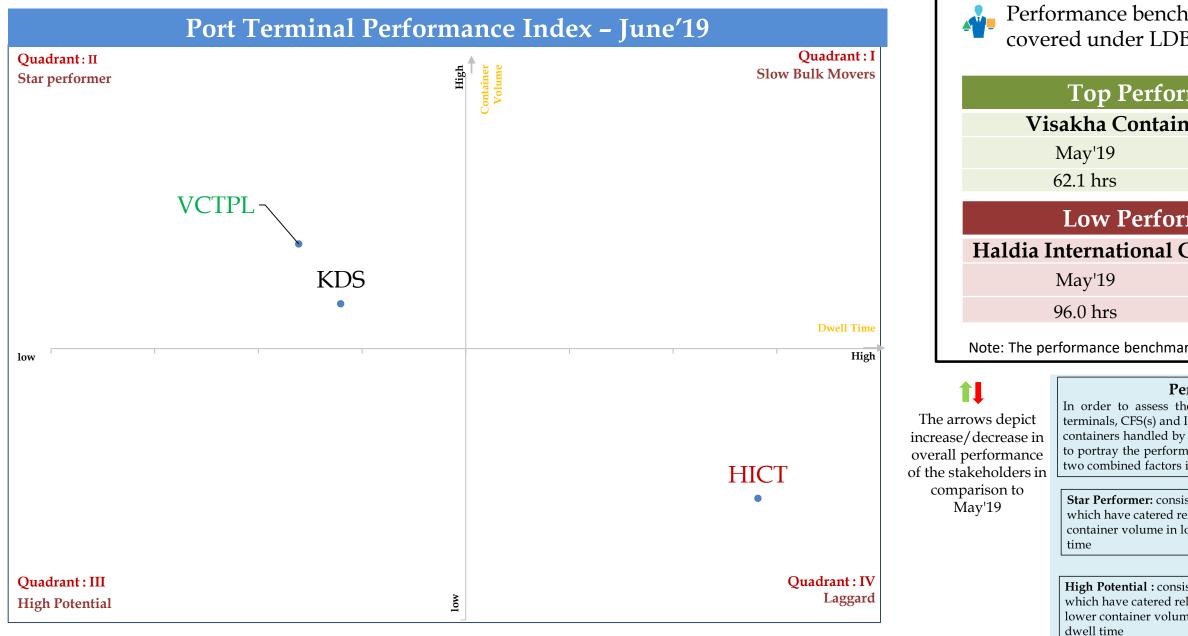
The marked entries showcase increase in performance in comparison to May'19

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

## Port Performance Benchmarking & Performance Index - Eastern Corridor



### **Performance Benchmarking - Port Terminals**





chmarking for Port Terminals OB project for June'19		
orm	ing Terminal	
iner	Terminal(VCTPL)	
	June'19	
	60.3 hrs	
orm	ing Terminal	
Co	ntainer Terminal (HICT)	
	June'19	
	120.0 hrs	
narkin	g is based on performance index	

### **Performance Index-Summary**

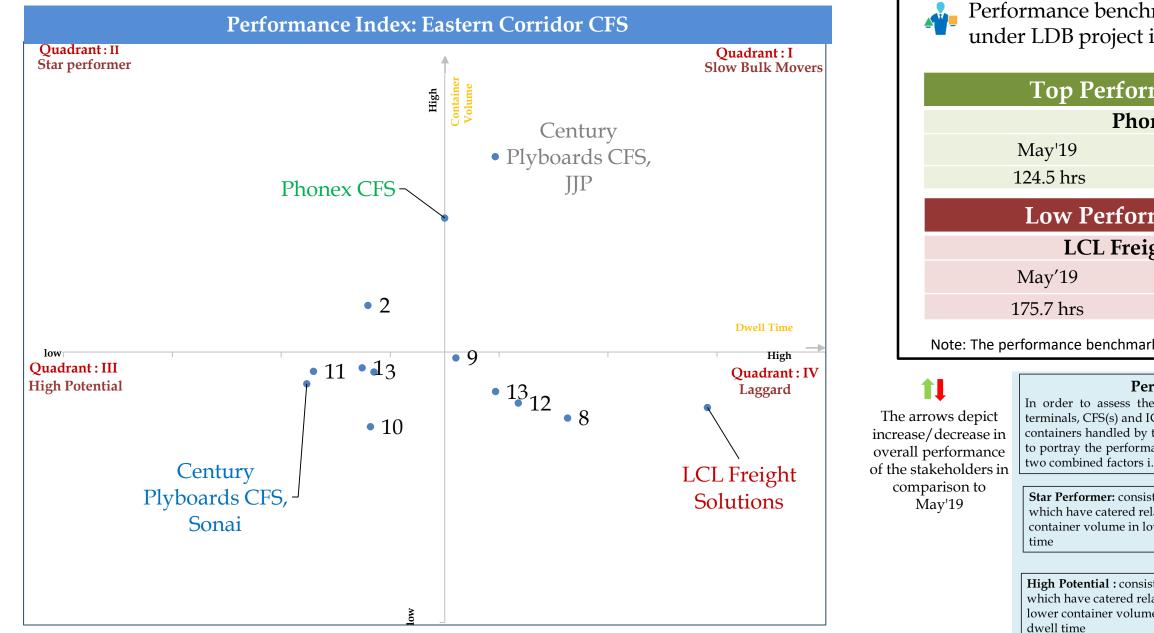
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nsist of entities relatively ume in lower	<b>Laggard</b> : consist of entities which have catered relatively lower container volume at higher dwell time

## CFS Performance Benchmarking & Performance Index - Eastern Corridor



**Performance Benchmarking - CFS** 





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

orming Terminal					
onex CFS					
	June'19				
	145.0 hrs				
orming Terminal					
eight Solutions					
	Ŭ				
	Ŭ				
	t Solutions				

### **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

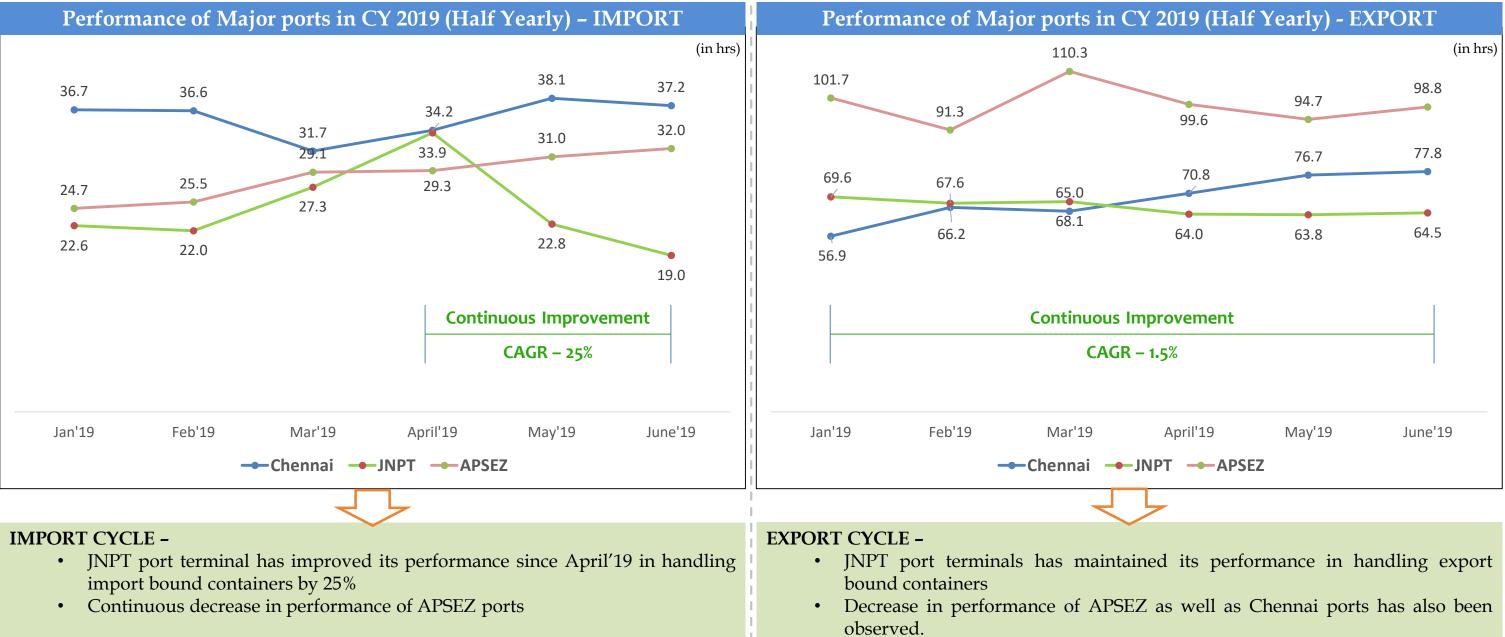
nsist of entities l relatively high n lower dwell	<b>Slow Bulk Movers :</b> consist of entities which have catered higher container volume at higher dwell time
nsist of entities relatively ume in lower	<b>Laggard</b> : consist of entities which have catered relatively lower container volume at higher dwell time

# KEY FINDINGS -



## Major Port Performance Trend CY 2019- Half Yearly

Below Graphs depicts the Port Dwell time performance across major ports in both the Import and Export cycle for Jan'19 to June'19



All the terminals of JNPT, APSEZ & Chennai Port has been considered for the analysis



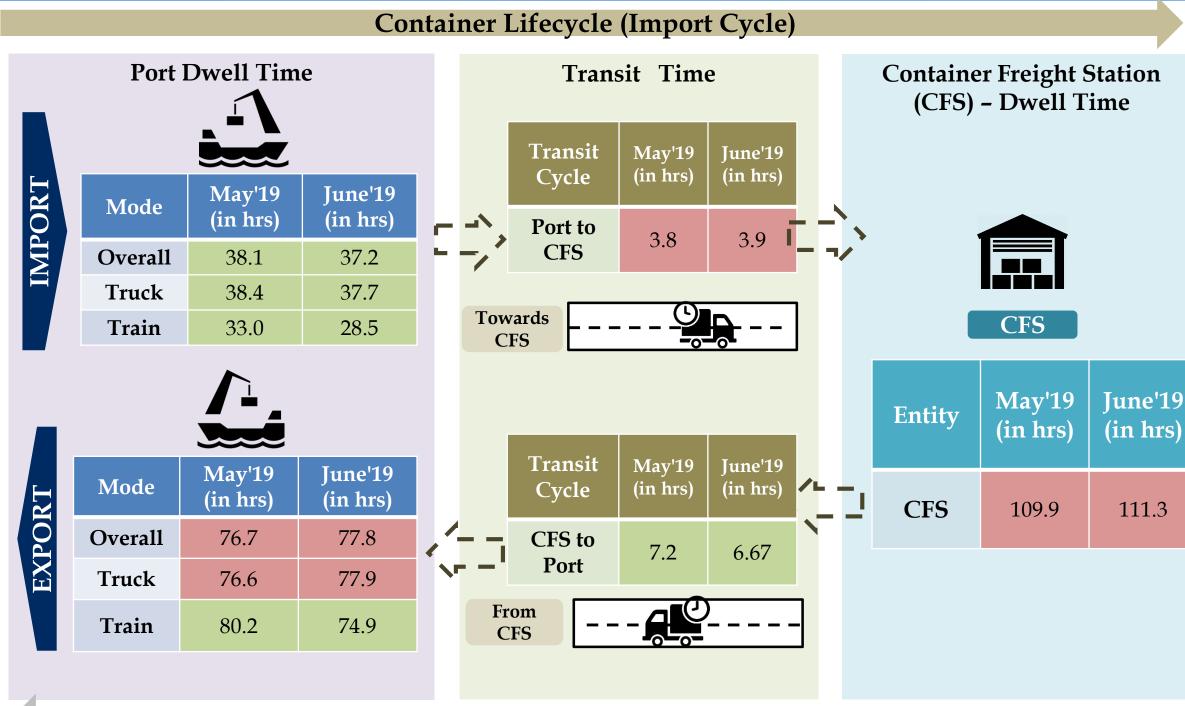
# Annexure



# Individual Terminal Performance In Southern Corridor



## Chennai Port Terminals: Container Transportation



**Container Lifecycle (Export Cycle)** 

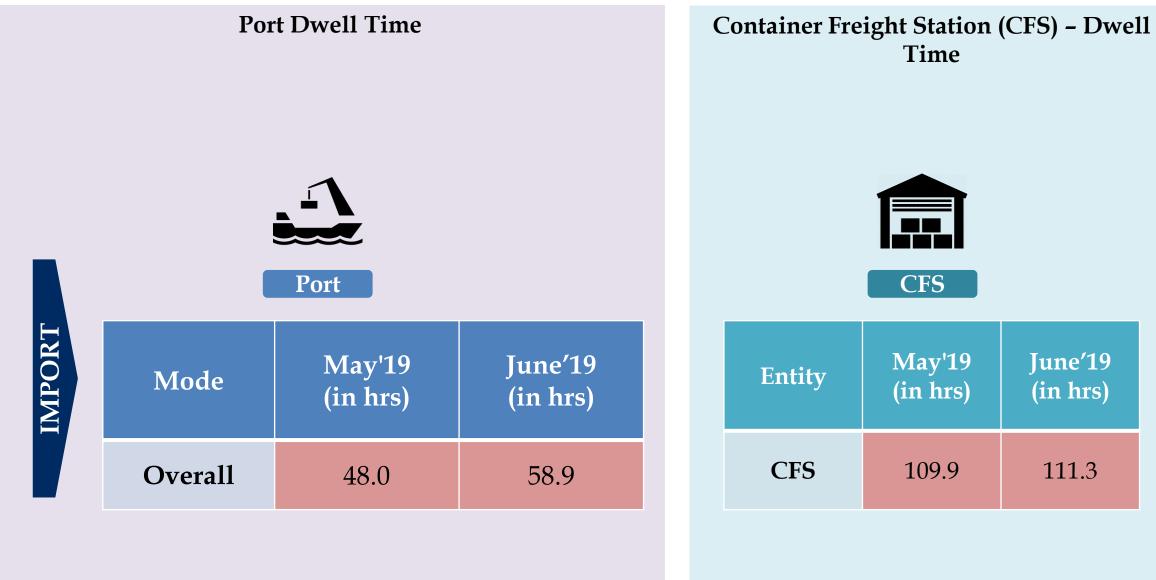


The marked entries showcase the increase in performance as compared to May'19

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



## Kattupali Port Terminal: Container Transportation



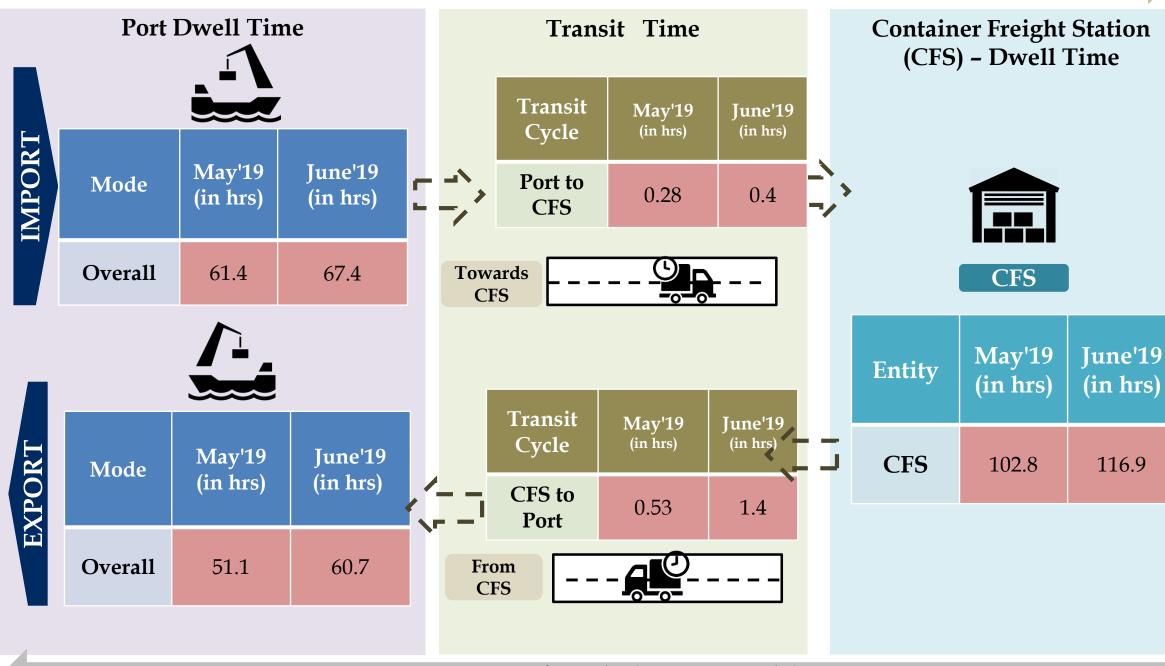


The marked entries showcase the increase in performance as compared to May'19

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

## Kochi Port Terminal: Container Transportation





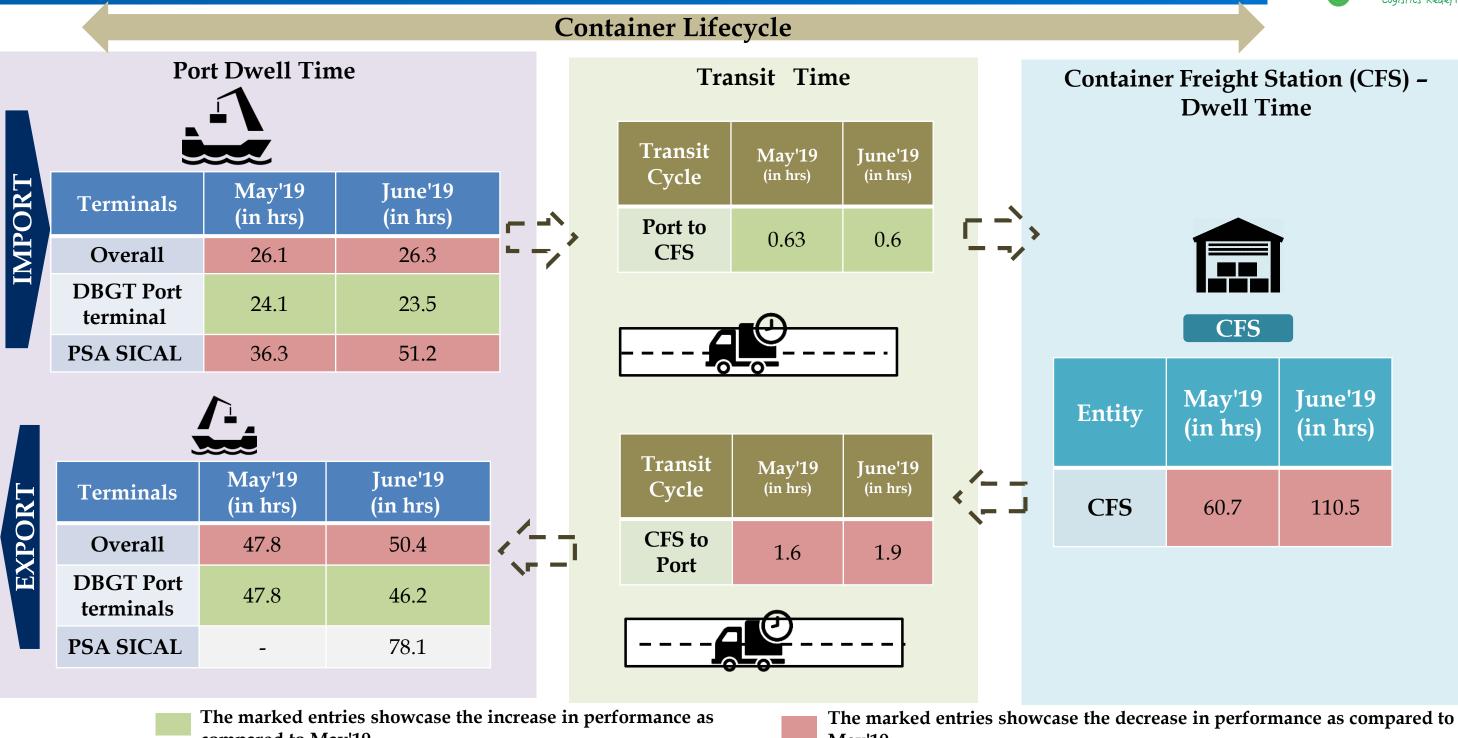
**Container Lifecycle (Export Cycle)** 



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

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

## Tuticorin Port Terminal: Port Dwell Time Performance



compared to May'19

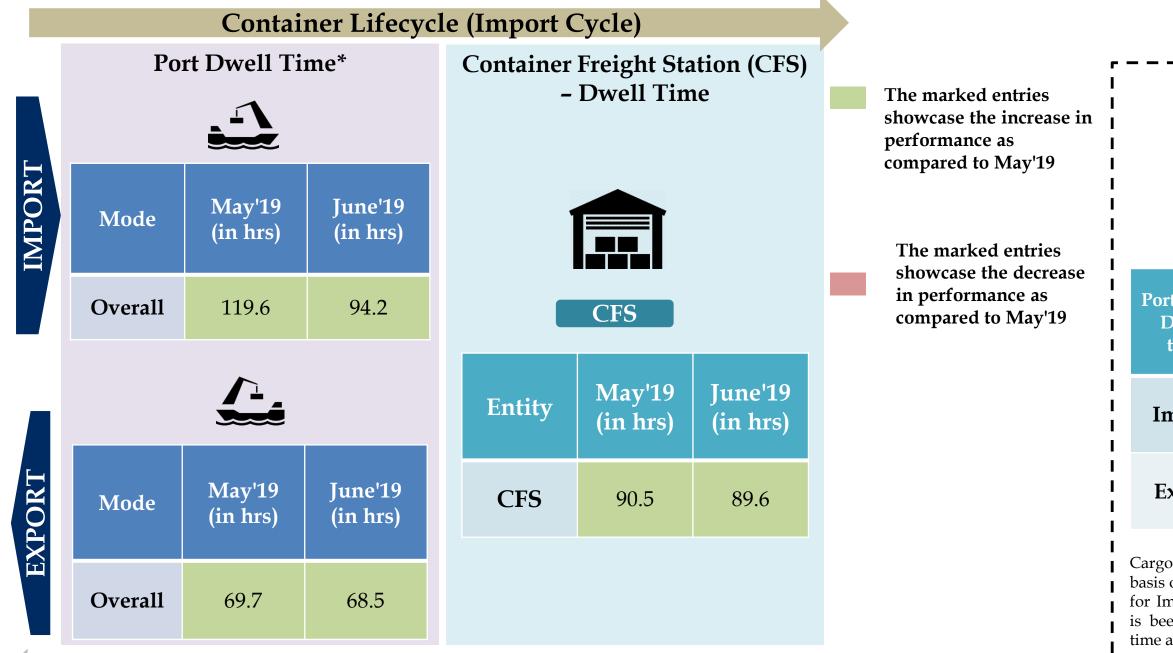
**May'19** 



### Container Freight Station (CFS) -**Dwell Time**



## Krishnapatnam Port Terminal: Container Transportation



### **Container Lifecycle (Export Cycle)**

 $\star$  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



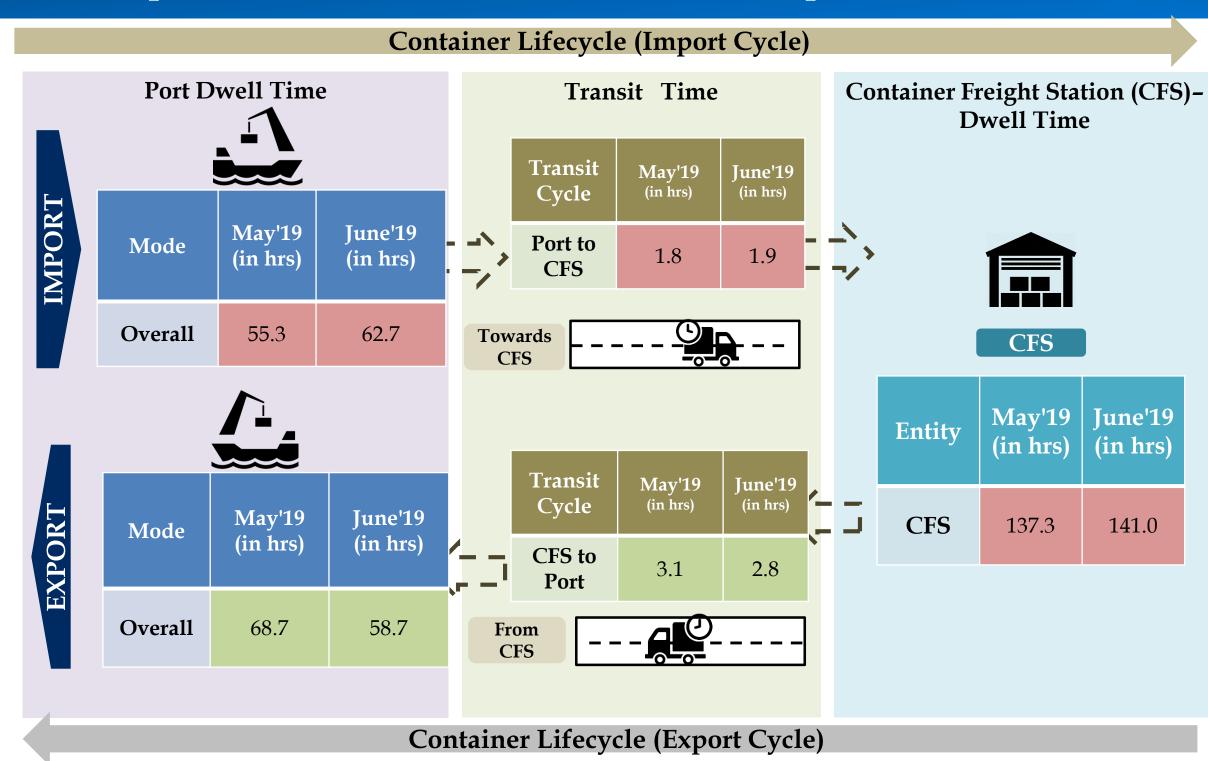
Cargo Dwell Time			
	Port		
t Cargo Dwell time	May'19 (in hrs)	June'19 (in hrs)	
nport	81.2	67.8	
xport	64.0	58.7	

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

# Individual Terminal Performance In Eastern Corridor



## Vishakhapatnam Port Terminal: Container Transportation

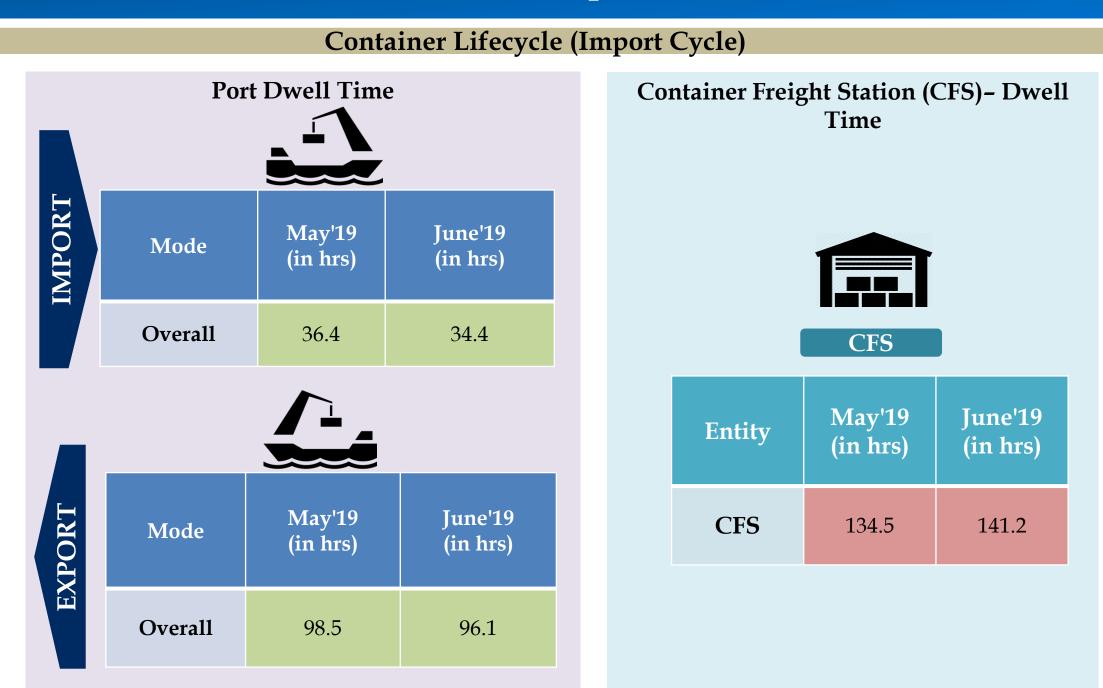




### The marked entries showcase the increase in performance as compared to May'19

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

## Kolkata Port Terminal: Container Transportation



### **Container Lifecycle (Export Cycle)**



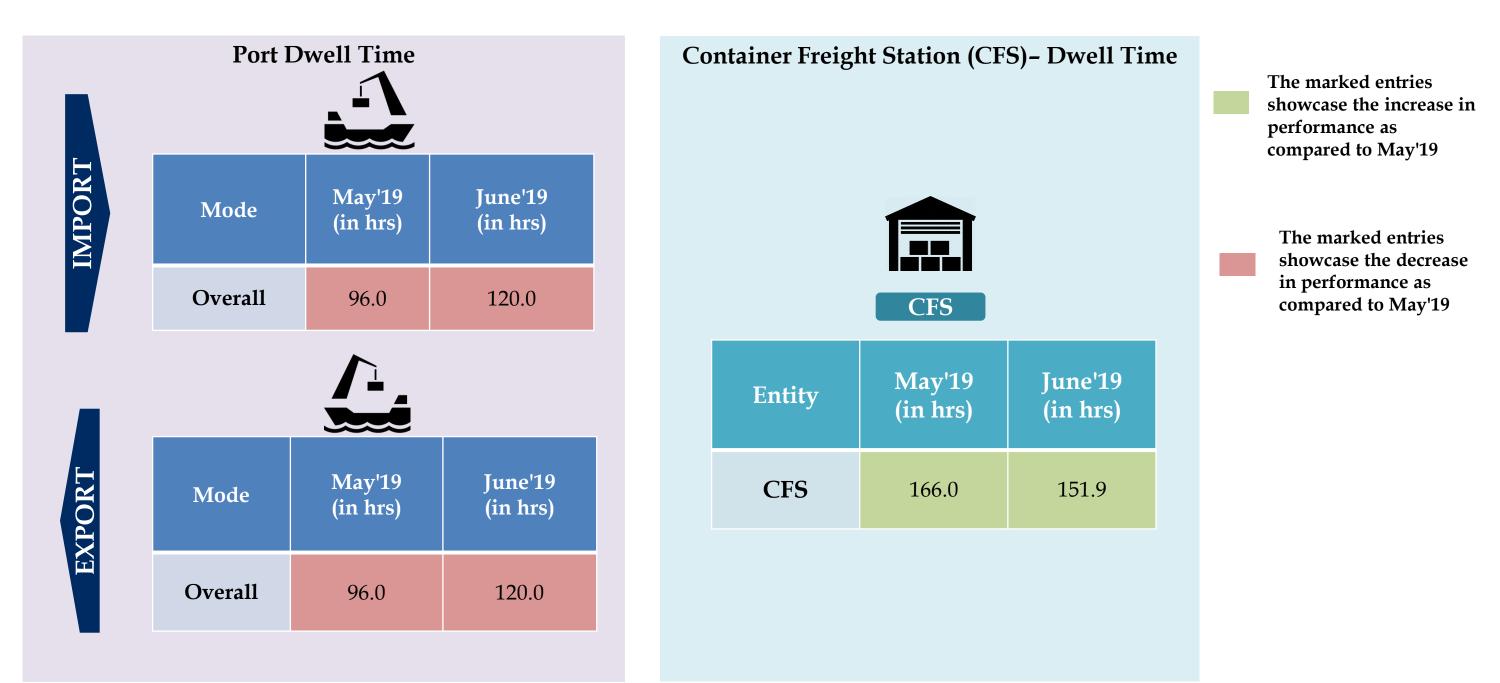
The marked entries showcase the increase in performance as compared to May'19



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

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

## Haldia Port Terminal: Container Transportation

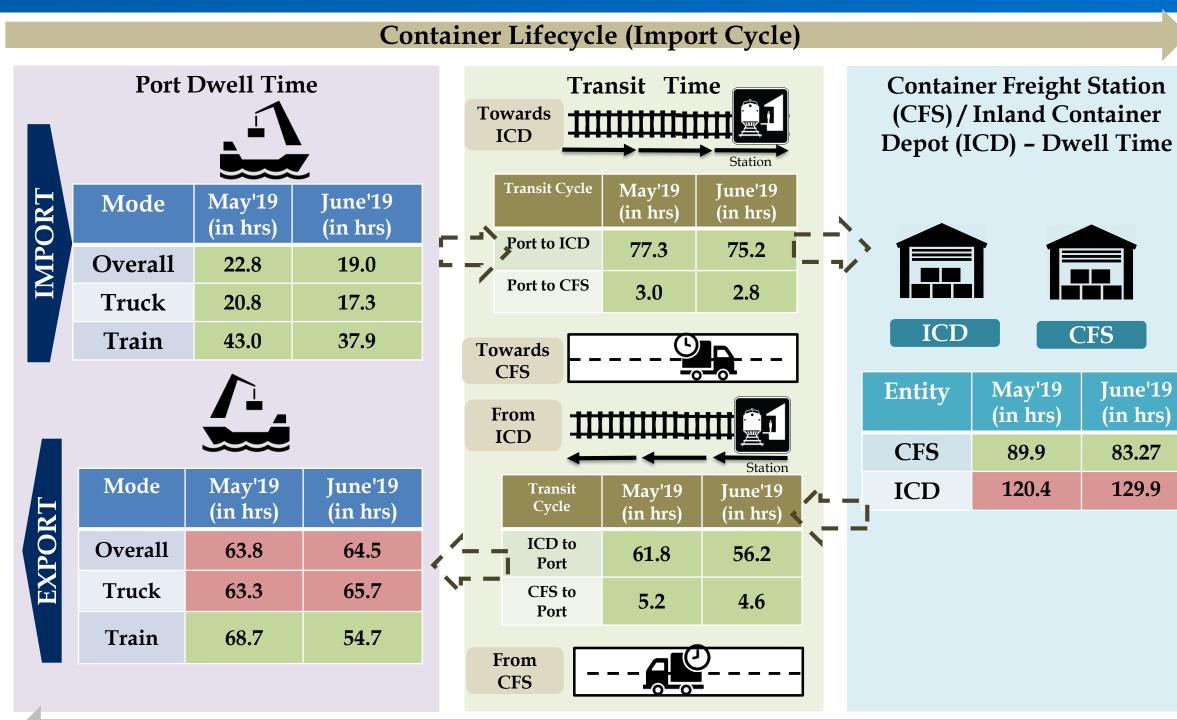




# Individual Terminal Performance In Western Corridor



## Container Transportation- JNPT Port Terminals



**Container Lifecycle (Export Cycle)** 



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

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



## Container Transportation- JNPT Port Terminals

IMPORT CYCLE DWELL TIME (June'19 – in hrs)		
	Overall Dwell Time of Truck and Train Bound Containers	19.0
	Port Dwell Time for Truck Bound Containers	17.3
	Port Dwell time for Train Bound Containers	37.9
PORT DWELL TIME	Port Dwell time Direct Port Delivery (DPD) containers	42.2
	Port Dwell time Containers bound for CFS	15.9
	Port Dwell for Empty Containers	28.3
	Port Dwell for Laden Containers	18.0
	Port to ICD	75.2
TRANSIT TIME	Port to CFS	2.8

EXPORT CYCLE DWELL TIME (June'19- in hrs)			Compared to May'19
	Overall Dwell Time of Truck and Train Bound Containers	64.5	1% 📕
	Port Dwell Time for Truck Bound Containers	65.7	4%
	Port Dwell time for Train Bound Containers	54.7	20%
PORT DWELL TIME	Port Dwell time Direct Port Entry (DPE) containers	61.0	2%
	Port Dwell time Containers bound from CFS	66.2	9% 📕
	Port Dwell for Empty Containers	67.2	13%
	Port Dwell for Laden Containers	63.8	1% 🚺
TRANSIT TIME	ICD to Port	56.2	9% 1
	CFS to Port	4.6	12%

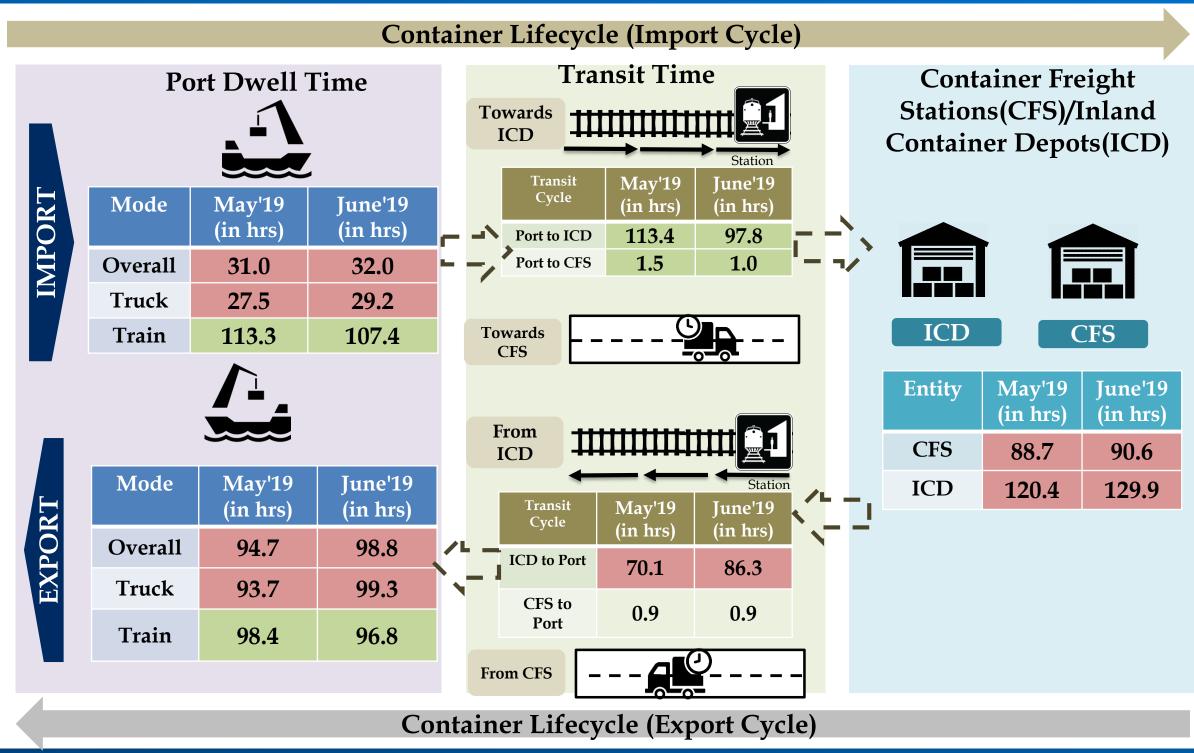


Compared to May'19		
	17%	1
	17%	1
	12%	1
	23%	1
	14%	1
	27%	1
	23%	1
	3%	1
	7%	1

### 1

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

## Gujarat Port Terminals : Container Transportation





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

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

IMPORT CYCLE DWELL TIME (June'19- in hrs)		
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	32.0
	Port Dwell Time for Train Bound Containers	107.4
	Port Dwell time for Truck Bound Containers	29.2
TRANSIT TIME	Port to ICD	97.8
	Port to CFS	1.0

EXPORT CYCLE DWELL TIME (June'19- in hrs)			
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	98.8	
	Port Dwell Time for Train Bound Containers	96.8	
	Port Dwell time for Truck Bound Containers	99.3	
TRANSIT TIME	ICD to Port	86.3	
	CFS to Port	0.9	



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

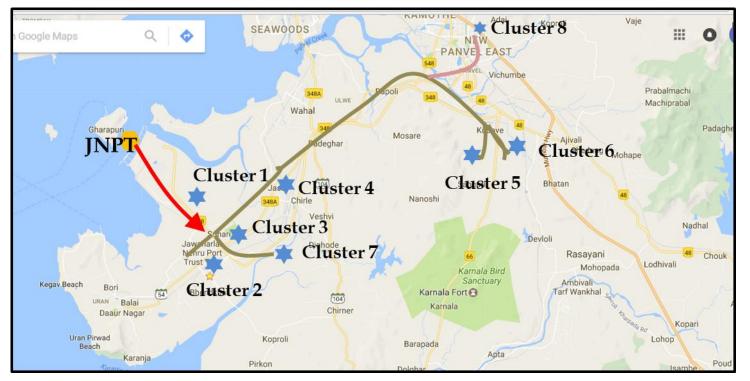


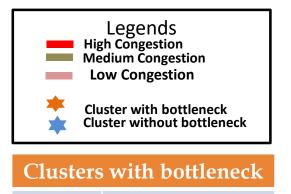
Compared to May'19	
3%	Ţ
5%	1
6%	Ļ
14%	1
33%	1

Compared to May'19		
	4%	Ļ
	2%	1
	6%	Ļ
	23%	ļ
	0%	

## JNPT Region: Congestion Analysis

## JNPT – Import – June'19



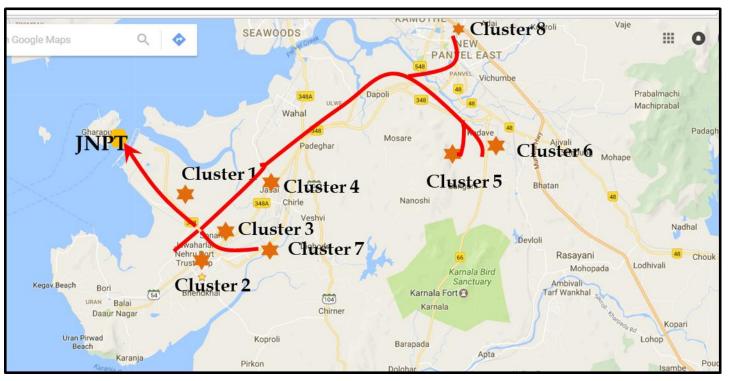


Cluster 1 JNPT Area

CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area,JNPT road
CLUSTER 4	Chirle area , JNPT road
CLUSTER 5	Plaspa area, Coachi kanyakumari Highway
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road
CLUSTER 8	Taloja, Navi Mumbai

**Clusters without bottleneck** 

## JNPT – Export – June'19



### **Clusters with bottleneck**

CLUSTER 1	JNPT Area
CLUSTER 2	Bhendkhal area, Khopate
CLUSTER 3	Sonari area,JNPT road
CLUSTER 4	Chirle area , JNPT road
CLUSTER 5	Plaspa area, Coach kanya
CLUSTER 6	Salva apta rd area, Banga
CLUSTER 7	Patilpada area, Khopate J
CLUSTER 8	Taloja, Navi Mumbai

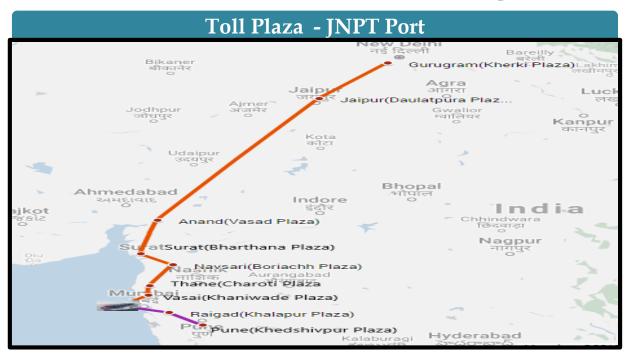


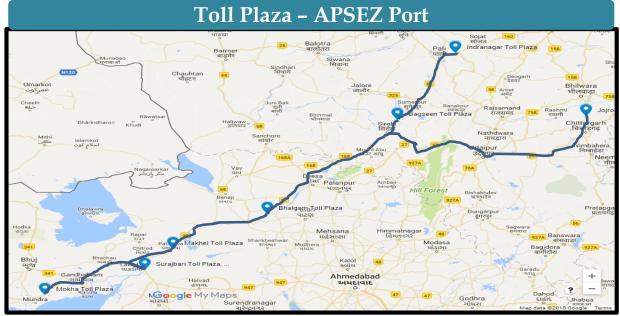
### e road

akumari Highway alore highway JNPT road

## Western Corridor Toll Plaza Analysis

Avg. Speed between Toll Plazas						
	Source	Destination Toll Plaza	Inter Distance (Km)	May'19 (in km/hrs)	June'19 (in km/hrs)	
JNPT	JNPT	Khaniwade	94	15.4	15.6	
	JNPT	Khalapur	60	12.8	13.0	
	Khaniwade	Charoti	50	36.3	35.7	
	Charoti	Boriach	126	27.9	27.5	
	Boriach	Bharthan	142	31.7	32.3	
	Bharthan	Vasad	60	39.8	39.7	
	Khalapur	Khedshivpur	105	27.2	27.1	
	Daulatpura	Kherki	199	22.3	22.5	
APSEZ	APSEZ	Mokha	28	22.0	13.5	
	Mokha	Makhel	150	25.4	24.6	
	Mokha	Surajbari	115	26.3	26.2	
	Makhel	Bhalgam	108	37.5	37.1	
	Bhalgam	Uthamam	209	28.8	28.5	
	Uthamam	Indranagar	109	35.6	34.3	







## Annexure – Western Region

### List of CFS name used in CFS Performance Index

- Navkar Corporation Yard 2 CFS, Panvel 1
- Seabird CFS, Mundra 2
- Ashutosh CFS, Mundra
- Transworld CFS, Mundra 4
- 5 Saurashtra CFS, Mundra
- Landmark CFS, Mundra 6
- APM (Maersk India) CFS, Navi Mumbai
- International Cargo Terminal CFS 8
- 9 **JWR CFS**
- 10 Continental Warehousing CFS, Navi Mumbai
- Ameya Logistics CFS, Navi Mumbai 11
- CWC Hind Terminal CFS, Navi Mumbai 12
- 13 Seabird CFS, Hazira
- Gateway Distriparks CFS, Navi Mumbai 14
- Seabird CFS, Navi Mumbai 15
- Navkar Corporation Yard 3 CFS, Panvel 16
- Navkar Corporation Yard 1 CFS, Panvel 17
- TG Terminals CFS, Mundra 18
- 19 Ashte Logistics CFS, Panvel
- Maersk Annex (APM)CFS, Navi Mumbai 20
- <sup>21</sup> Indev Logistics CFS, Panvel

- 22 Balmer & Lawrie CFS, Navi Mumbai
- International Cargo Terminals (ULA) CFS, Navi 23 Mumbai
- 24 Honey Comb CFS, Mundra
- 25 Punjab Conware CFS, Navi Mumbai
- 26 Apollo Logisolutions CFS, Panvel
- 27 Hind Mundra Terminals CFS, Mundra
- 28 Speedy Multimode CFS, JNPT
- 29 TG Terminals CFS
- 30 Transindia Logistics Park, Navi Mumbai
- 31 Take Care Logistics CFS
- 32 AllCargo CFS, Mundra
- 33 Dronagiri Rail Terminal CFS, Navi Mumbai
- 34 MICT CFS, Mundra
- 35 Vaishno Logistics CFS, Navi Mumbai
- 36 JWC Logistics Park CFS
- 37 Hind Terminal CFS, Hazira
- 38 Empezar Logistics CFS
- Ocean Gate CFS, Panvel 39
- Adani CFS Eximyard, Mundra 40
- SBW Logistics CFS, Navi Mumbai 41
- 42 Maharashtra State Corp CFS
- 43 Adani CFS, Hazira
- Mundhra CFS, Mundra 44

### List of ICD name used in ICD Performance Index

- ACTL ICD, Faridabad
- Adani Logistics Park ICD, Gurgaon 2
- Albatross Inland Ports ICD, Dadri 3
- 4
- 5
- CMA CGM Logistics Park, Dadri 6
- 7 CWC ICD, Patparganj
- 8



- Allcargo Logistics Park ICD, Dadri
- APM Terminals ICD, Dadri
- Gateway Rail Freight ICD, Gurgaon

### List of CFS name used in Southern CFS Performance Index

- A S Shipping Agencies CFS, Tiruvallur
- Adani CFS, Kattupalli Tiruvallur Tamil Nadu 2
- Allcargo Global Logistics CFS, Chennai 3
- Apm Terminals India CFS, Tiruvallur 4
- Balmer Lawrie CFS, Chennai 5
- 6 Calyx Container Terminal CFS, Chennai
- Chandra CFS, Tiruvallur 7
- 8 Ennore Cargo Container Terminal CFS, Chennai
- 9 Gateway Distriparks CFS, Chennai
- Hind Terminals CFS, Chennai 10
- 11 Kailash Shipping Services CFS, Chennai
- 12 Kerry Indev Logistics ICD, Kanchipuram
- Sanco Trans CFS, Chennai 13
- Sattva Cfs And Logistics CFS, Chennai 14
- 15 Sattva Hi-Tech And Conware CFS, Chennai
- Sical CFS, Chennai Tiruvallur Tamil Nadu 16
- STP Services CFS, Chennai 17
- Thiru Rani Logistics CFS, Tiruvallur 18

- 20 A.S.Shipping Agencies Pvt Ltd 21 ALS Tuticorin Terminal Private Limited
- 22 Chola Logistics Pvt Ltd
- 23 Diamond CFS Park Kerry Indev Logistics Private Limited /
- 24 Continental Container Freight Station
- 25 KSPS Natarajan CFS Park
- 26 Prompt Terminals (P) Ltd
- 27 Raja Agencies CFS Sical Multimodal and Rail Transport Ltd. -28 CFS Division
- 29 St. John Freight Systems Ltd. ICD Division
- 30 Transworld Terminals Private Limited
- 31 Vilsons CFS
- 32 Cochin Port Trust CFS
- 33 GDKL CFS
- 34 MIV CFS
- 35 Gateway Distripark CFS, Krishnapatnam
- 36 Seabird CFS, Krishnapatnam

### List of CFS name used in Eastern CFS Performance Index

- A L Logistics C
- Allcargo Logist
- Balmer Lawrie CFS 3
- Century Plyboards CFS, JJP
- 5
- LCL Freight Solutions 6
- Phonex CFS
- **Ralson Petro Chemicals CFS**
- Gateway East India CFS 9
- 10 SICAL CFS
- 11 Sravan CFS-1
- 12 Sravan CFS-2
- 13 VCT CFS



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tics	CFS

Century Plyboards CFS, Sonai



# **THANK YOU**

