

# LOGISTICS DATA BANK ANALYTICS REPORT

2023

August





### **NATIONAL LOGISTICS POLICY**

LAUNCHED BY HON'BLE PRIME MINISTER SHRI NARENDRA MODI ON 17th SEPTEMBER 2022





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SHOWCASING THE PROGRESS OF EXIM CONTAINER TRACKING

TRACKED **50+ MILLION** CONTAINERS



# O1 PAN INDIA PERFORMANCE

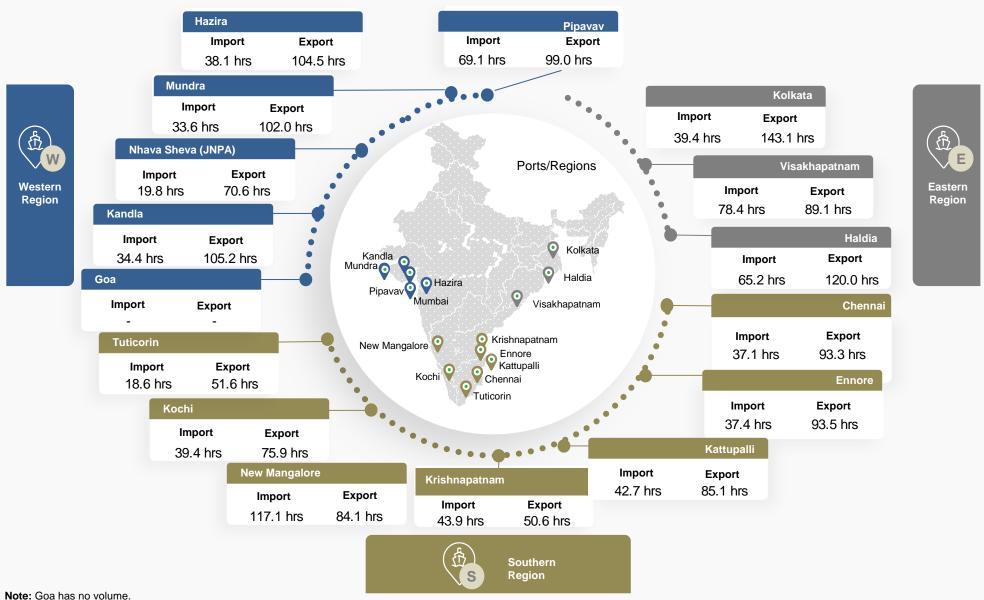




**TEAM - NICDC LOGISITICS DATA SERVICES LTD.** 

## Dwell Time Performance: PAN India





# Critical Incident Summary



Western Region

Month	Import Dwell Time	Export Dwell Time	CFS Dwell Time	ICD Dwell Time
Aug'23	25.7 hrs	85.7 hrs	91.4 hrs	130.4 hrs
Jul'23	33.1 hrs	81.5 hrs	89.0 hrs	120.0 hrs
MoM % Change	22.4%	5.2%	2.7%	8.7%

For more details about Western Region, please go to <a>Page 15</a>

Southern Region

Month	Import Dwell Time	Export Dwell Time	CFS Dwell Time
Aug'23	37.1 hrs	82.7 hrs	105.9 hrs
Jul'23	39.3 hrs	78.2 hrs	105.7 hrs
MoM % Change	5.6%	5.8%	0.2%

For more details about Southern Region, please go to Page 35

**Eastern** Region

Month	Import Dwell Time	Export Dwell Time	CFS Dwell Time
Aug'23	54.7 hrs	105.3 hrs	138.4 hrs
Jul'23	56.1 hrs	102.7 hrs	139.5 hrs
MoM % Change	2.5%	2.5%	0.8%

For more details about Eastern Region, please go to Page 49

# Port Dwell Time (Import Cycle)



	Mar'23	Apr'23	May'23	Jun'23	Jul'23	Aug'23
	(in hrs)					
Western Region	32.0	30.6	27.3	24.0	33.1	25.7
JNPA	26.5	29.1	19.9	15.8	20.3	19.8
Mundra	40.3	32.1	38.1	44.4	62.1	33.6
Pipavav	43.3	59.2	64.8	77.8	94.8	69.1
Kandla	25.1	27.4	30.7	-	49.6	34.4
Hazira	40.4	30.8	54.0	49.4	58.2	38.1
Southern Region	34.6	36.9	38.9	37.3	39.3	37.1
Chennai	33.0	36.7	38.3	37.2	41.2	37.1
Kochi	56.3	55.8	48.4	36.9	39.2	39.4
Kattupalli	42.3	50.1	53.6	45.5	39.6	42.7
Tuticorin	20.9	15.5	20.7	23.3	23.7	18.6
Krishnapatnam	27.0	53.0	48.0	94.8	113.0	43.9
Ennore	30.5	34.9	38.2	35.5	36.3	37.4
New Mangalore	57.7	66.7	109.3	115.6	97.1	117.1
Eastern Region	43.2	48.2	53.1	50.8	56.1	54.7
Visakhapatnam	48.8	61.8	70.0	84.9	76.6	78.4
Kolkata	29.3	33.6	34.6	28.9	37.0	39.4
Haldia	75.1	63.8	88.7	65.7	68.7	65.2

Note: Kandla has no volume in Jun'23 month

# Port Dwell Time (Export Cycle)



Page 10

	Mar'23 (in hrs)	<b>Apr'23</b> (in hrs)	<b>May'23</b> (in hrs)	Jun'23 (in hrs)	<b>Jul'23</b> (in hrs)	Aug'23 (in hrs)
Western Region	86.9	90.9	81.3	88.3	81.5	85.7
JNPA	74.0	80.0	65.0	71.9	71.8	70.6
Mundra	103.6	103.1	99.9	115.8	91.0	102.0
Pipavav	86.8	93.8	105.8	205.0	111.2	99.0
Kandla	101.1	95.7	108.0	-	89.7	105.2
Hazira	107.3	120.7	108.1	117.6	98.9	104.5
Southern Region	77.4	77.3	77.8	78.8	78.2	82.7
Chennai	82.5	82.3	83.7	91.0	78.5	93.3
Kochi	68.7	84.3	80.2	72.2	93.4	75.9
Kattupalli	89.0	82.1	96.7	94.7	74.0	85.1
Tuticorin	56.0	48.8	52.9	47.8	48.7	51.6
Krishnapatnam	59.3	46.3	61.2	51.7	117.3	50.6
Ennore	97.4	104.4	86.6	97.3	92.0	93.5
New Mangalore	80.6	93.3	73.9	73.9	93.7	84.1
Eastern Region	95.6	96.0	82.3	118.6	102.7	105.3
Visakhapatnam	77.0	79.6	66.2	88.5	88.0	89.1
Kolkata	133.3	112.6	111.9	157.6	139.9	143.1
Haldia	100.4	149.4	97.5	144.0	72.0	120.0

Note: Kandla has no volume in Jun'23 month

# CFS and ICD Dwell Time



	Mar'23 (in hrs)	<b>Apr'23</b> (in hrs)	<b>May'23</b> (in hrs)	Jun'23 (in hrs)	<b>Jul'23</b> (in hrs)	Aug'23 (in hrs)
Western Region	83.0	89.5	88.3	81.7	89.0	91.4
JNPA	80.6	91.0	85.4	75.5	80.5	84.5
Mundra	84.8	86.6	91.4	88.2	98.1	96.3
Pipavav	89.9	82.9	87.4	96.2	78.1	91.0
Hazira	93.5	109.6	98.8	115.6	104.9	110.8
Southern Region	97.7	114.6	109.3	101.3	105.7	105.9
Chennai, Ennore, Kattupalli	91.5	108.3	102.3	93.6	94.8	96.7
Kochi	81.3	114.9	106.2	96.4	102.3	123.2
Tuticorin	134.9	152.5	142.2	134.6	157.9	135.1
Krishnapatnam	112.9	106.0	137.8	139.7	132.6	135.7
Eastern Region	123.1	143.8	143.2	142.8	139.5	138.4
Visakhapatnam	134.0	152.4	165.1	162.3	153.3	151.7
Kolkata	120.0	139.2	132.1	130.4	131.9	133.9
Haldia	123.6	156.9	115.4	137.7	109.9	127.0

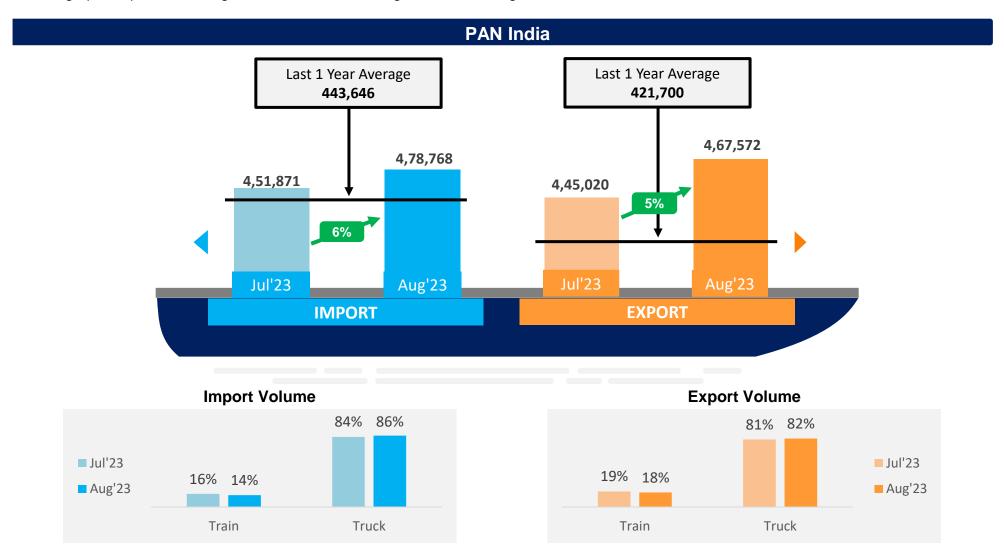
Western Region 119.4 136.8 130.0 125.6 120.0 130.4								
	<u> </u>	Western Region	119.4	136.8	130.0	125.6	120.0	130.4

© NICDC Logistics Data Services Limited — PAN India Page

## Container Count: PAN India



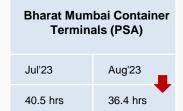
Below graphs depicts the change in container count during the month of Aug'23 w.r.t the last month i.e. Jul'23.

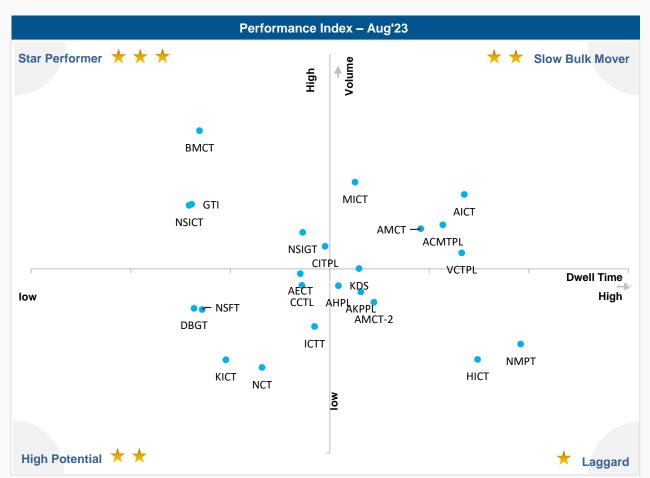


# Port Performance Benchmarking: PAN India

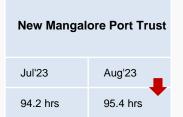


### Top Performing Terminal





### Low Performing Terminal



The arrows depict increase/decrease in performance of the stakeholders in comparison to Jul'23

Star Performer 🛨 🛨 🛨

Consist of entities which have catered relatively high container volume in lower dwell time

High Potential 🜟 🌟

Consist of entities which have catered relatively lower container volume in lower dwell time

Slow Bulk Movers

Consist of entities which have catered higher container volume in higher dwell time

Laggard 🛨

Consist of entities which have catered relatively lower container volume at higher dwell time

# CFS Performance Benchmarking: PAN India

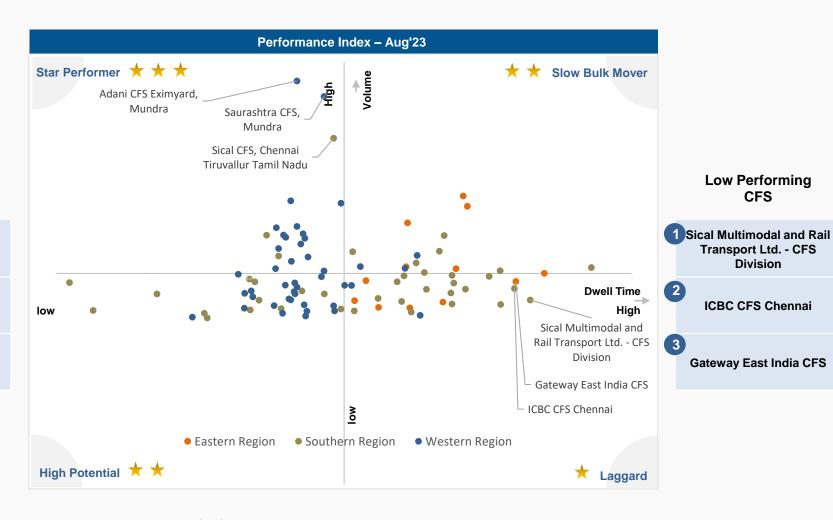


**CFS** 

Division



- Adani CFS Eximyard, Mundra
- Saurashtra CFS. Mundra
- Sical CFS, Chennai **Tiruvallur Tamil Nadu**





Consist of entities which have catered relatively high container volume in lower dwell time

### High Potential 🜟 📩

Consist of entities which have catered relatively lower container volume in lower dwell time

### Slow Bulk Movers

Consist of entities which have catered higher container volume in higher dwell time

### Laggard 🌟

Consist of entities which have catered relatively lower container volume at higher dwell time



# 02 WESTERN REGION PERFORMANCE





# Import Cycle Dwell Time Performance: Western Region





# Export Cycle Dwell Time Performance: Western Region





**ACMTPL** 

AMCT-2

**AICTPL** 

Note: Kandla has no volume in Jun'23 month. Also, NSFT has no volume in Mar'23 month. © NICDC Logistics Data Services Limited

**NSICT** 

GTI

**NSIGT** 

**BMCT** 

**NSFT** 

**MICT** 

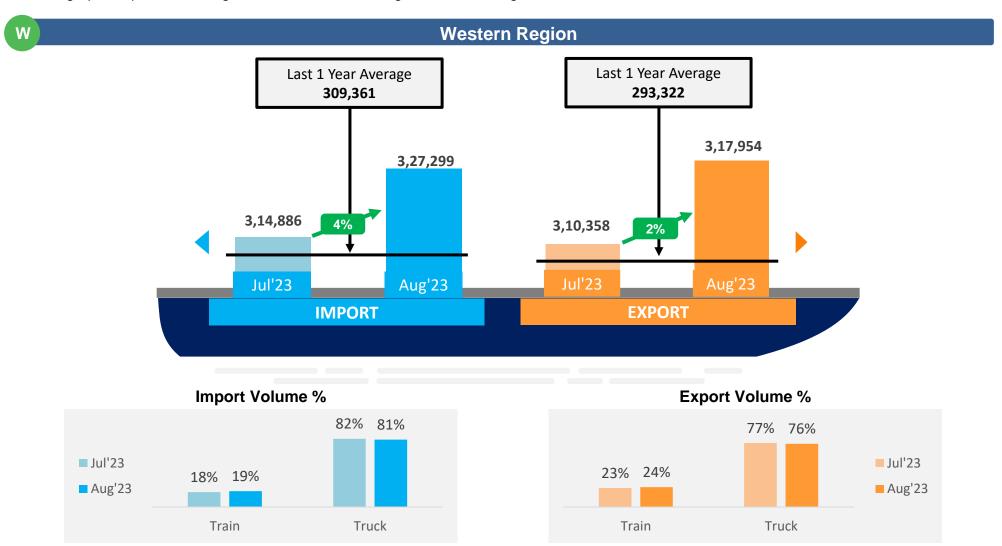
**AMCT** 

Page

# Container Count: Western Region



Below graphs depicts the change in container count during the month of Aug'23 w.r.t the last month i.e. Jul'23.

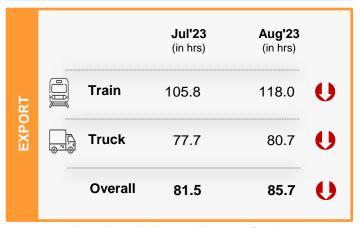


# Container Transportation: Western Region



### **Container Lifecycle (Import Cycle)**

### Port Dwell Time - Import Cycle Jul'23 Aug'23 (in hrs) (in hrs) **Train** 65.2 61.3 IMPORT **Truck** 27.9 21.6 Overall 33.1 25.7



### **CFS/ICD Dwell Time**



- The marked entries showcase increase in performance in comparison to Jul'23
- The marked entries showcase decrease in performance in comparison to Jul'23

Port Dwell Time - Export Cycle

**Container Lifecycle (Export Cycle)** 

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# Port Performance Benchmarking: Western Region









### Low Performing Terminal

### Adani Mundra Container Terminal-2 (AMCT-2)

Jul'23	Aug'23
65.3 hrs	68.4 hrs

**↑** 

The arrows depict increase/decrease in performance of the stakeholders in comparison to Jul'23

Star Performer 🛨 🛨 🛨

Consist of entities which have catered relatively high container volume in lower dwell time

High Potential 🜟 🌟

Consist of entities which have catered relatively lower container volume in lower dwell time

Slow Bulk Movers 🔺 🛨

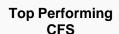
Consist of entities which have catered higher container volume in higher dwell time

Laggard 🛨

Consist of entities which have catered relatively lower container volume at higher dwell time

# CFS Performance Benchmarking: Western Region

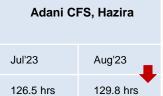








### **Low Performing CFS**



The arrows depict increase/decrease in performance of the stakeholders in comparison to Jul'23



Consist of entities which have catered relatively high container volume in lower dwell time

### High Potential 🜟 🌟

Consist of entities which have catered relatively lower container volume in lower dwell time

### Slow Bulk Movers

Consist of entities which have catered higher container volume in higher dwell time

### Laggard 🛨

Consist of entities which have catered relatively lower container volume at higher dwell time

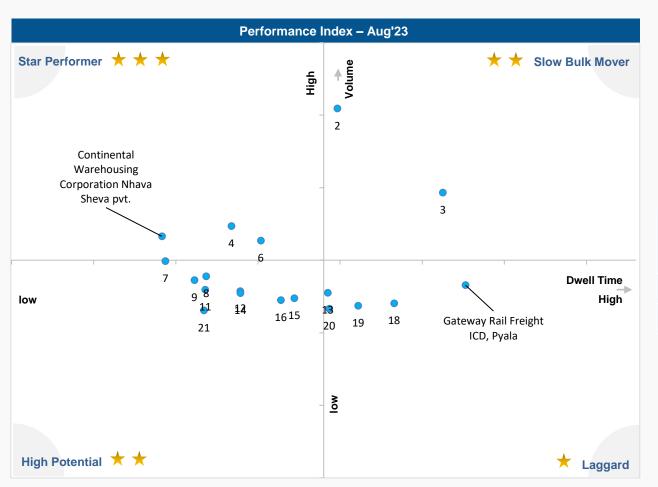
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# ICD Performance Benchmarking: Western Region









### **Low Performing ICD**



146.5 hrs

The arrows depict increase/decrease in performance of the stakeholders in comparison to Jul'23

169.6 hrs

Star Performer 🛨 🛨 🛨

Consist of entities which have catered relatively high container volume in lower dwell time

High Potential 🗡 🕇

Consist of entities which have catered relatively lower container volume in lower dwell time

Slow Bulk Movers

Consist of entities which have catered higher container volume in higher dwell time

Laggard 🛨

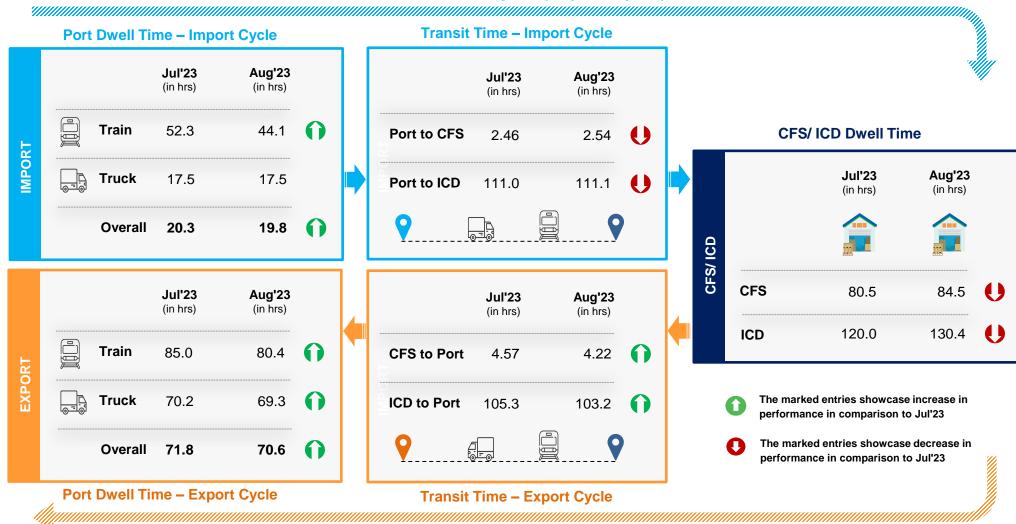
Consist of entities which have catered relatively lower container volume at higher dwell time

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## Container Transportation: JNPA Port



### **Container Lifecycle (Import Cycle)**



**Container Lifecycle (Export Cycle)** 

# Predictive Analysis: JNPA Port





# JNPA Port Terminal: Container Transportation



IMPORT CYCLE DW	ELL TIME (Aug'23 – in hrs)			
	Overall Dwell Time of Truck and Train Bound Containers	19.8	2.5%	
Port dwell time	Port Dwell Time for Truck Bound Containers	17.5	0.0%	
	Port Dwell time for Train Bound Containers	44.1	15.7% 👚	
	Port Dwell time Direct Port Delivery (DPD) containers	23.1	7.2%	
	Port Dwell time Containers bound for CFS	16.7	1.8%	
	Port Dwell for Empty Containers	29.6	0.3%	
	Port Dwell for Laden Containers	18.7	3.6%	
Tues e it time e	Port to ICD	111.1	0.1%	<b>^</b>
Transit time	Port to CFS	2.54	3.3%	Cor
EXPORT CYCLE DW	/ELL TIME (Aug'23– in hrs)			
	Overall Dwell Time of Truck and Train Bound Containers	70.6	1.7%	
	Port Dwell Time for Truck Bound Containers	69.3	1.3%	
	Port Dwell time for Train Bound Containers	80.4	5.4%	
Port dwell time	Port Dwell time Direct Port Entry (DPE) containers	74.7	1.2%	
	Port Dwell time Containers bound from CFS	71.1	4.3%	
	Port Dwell for Empty Containers	61.1	0.8%	
	Port Dwell for Laden Containers	74.2	2.8%	
Fransit time	ICD to Port	103.2	2.0%	Cor
rianoli liille	CFS to Port	4.22	7.7%	to

1

The arrows depict increase/decrease in performance of the stakeholders in comparison to Jul'23

# JNPA Region: Parking Plaza Dwell Time Analysis



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

Gate In - Gate Out	Jul'23 (in hrs)	Aug'23 (in hrs)
Parking Plaza Dwell Time	5.32	5.26

### Container Count Percentage: Hour-wise (Aug'23)

	Within 2 hrs	Within 2-4 hrs	Within 4-8 hrs	Within 8-16 hrs	Within 16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	10%	25%	36%	19%	6%	4%

Gate Out – Terminal In	Jul'23 (in hrs)	Aug'23 (in hrs)
Parking Plaza to JNPA Port	2.00	1.62
Port	Jul'23 (in hrs)	Aug'23 (in hrs)
NSFT	4.6	1.5
NSICT	3.1	1.4
GTI	1.0	1.1
	0.8	1.2
NSIGT	0.0	• • • • • • • • • • • • • • • • • • • •

### Container Count Percentage: Hour-wise (Aug'23)

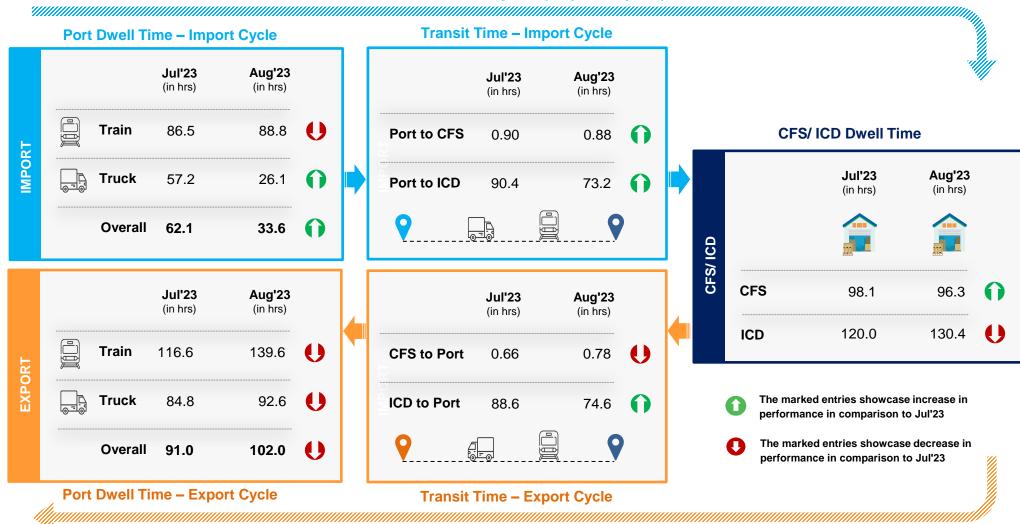
Parking Plaza to Port	Within 2 hrs	Within 2-4 hrs	Within 4-8 hrs	Within 8-16 hrs	Within 16-24 hrs	More than 24 hrs
NSFT	60%	16%	18%	6%	0%	0%
NSICT	56%	28%	10%	6%	0%	0%
GTI	87%	9%	2%	0%	2%	0%
NSIGT	76%	16%	6%	2%	0%	0%
вмст	2%	25%	33%	32%	8%	0%

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# Container Transportation: Mundra Port



### **Container Lifecycle (Import Cycle)**



**Container Lifecycle (Export Cycle)** 

# Predictive Analysis: Mundra Port





# Mundra Port Terminal: Container Transportation



IMPORT CYCLE	DWELL TIME (Aug'23- in hrs)		
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	33.6	45.9%
	Port Dwell Time for Truck Bound Containers	26.1	54.4%
	Port Dwell time for Train Bound Containers	88.8	2.7%
Transit time	Port to ICD	73.2	19.0%
	Port to CFS	0.88	2.2%
EXPORT CYCLE	DWELL TIME (Aug'23- in hrs)		
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	102.0	12.1%
	Port Dwell Time for Truck Bound Containers	92.6	9.2%
	Port Dwell time for Train Bound Containers	139.6	19.7%
Transit time	ICD to Port	74.6	15.8%
riansit time	CFS to Port	0.78	18.2%

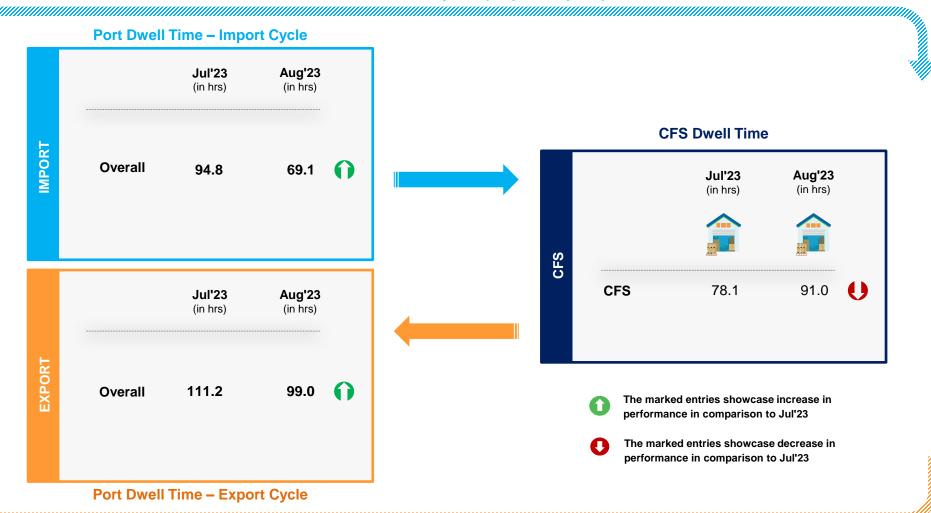
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The arrows depict increase/decrease in performance of the stakeholders in comparison to Jul'23

# Container Transportation: Pipavav Port



### **Container Lifecycle (Import Cycle)**



**Container Lifecycle (Export Cycle)** 

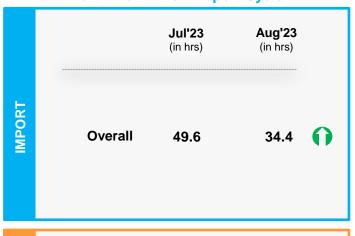
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# Container Transportation: Kandla Port



### **Container Lifecycle (Import Cycle)**

### Port Dwell Time - Import Cycle





The marked entries showcase increase in performance in comparison to Jul'23

The marked entries showcase decrease in performance in comparison to Jul'23

Port Dwell Time - Export Cycle

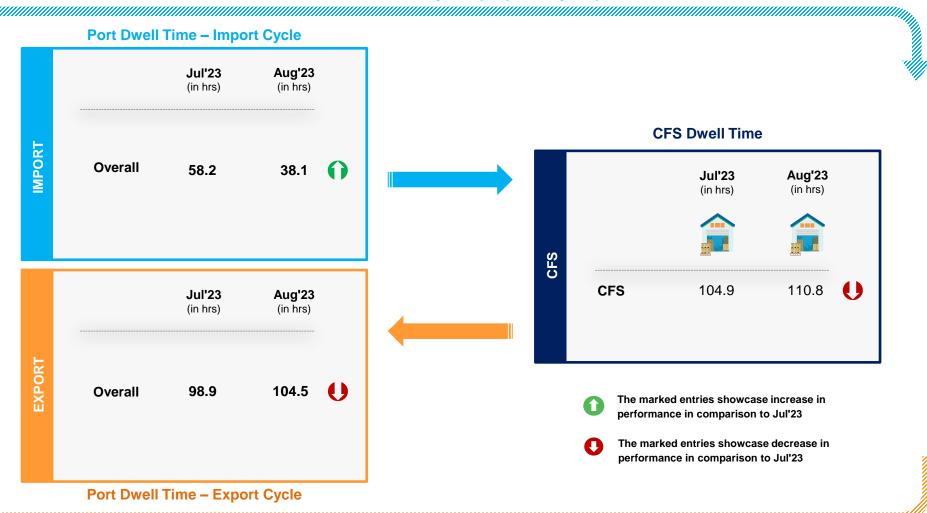


**Container Lifecycle (Export Cycle)** 

# Container Transportation: Hazira Port



### **Container Lifecycle (Import Cycle)**



**Container Lifecycle (Export Cycle)** 







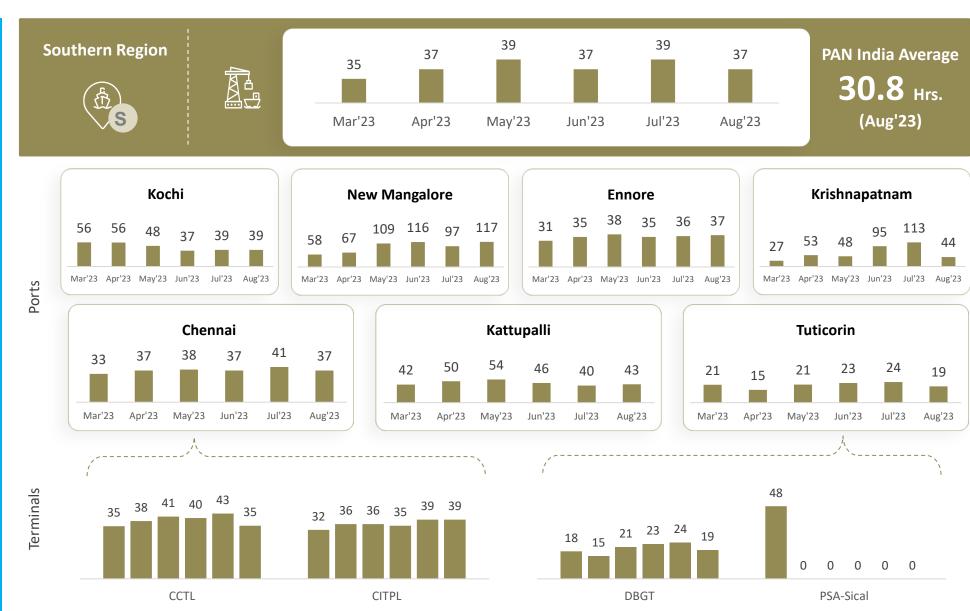


# 03 SOUTHERN REGION PERFORMANCE



# Import Cycle Dwell Time Performance: Southern Region

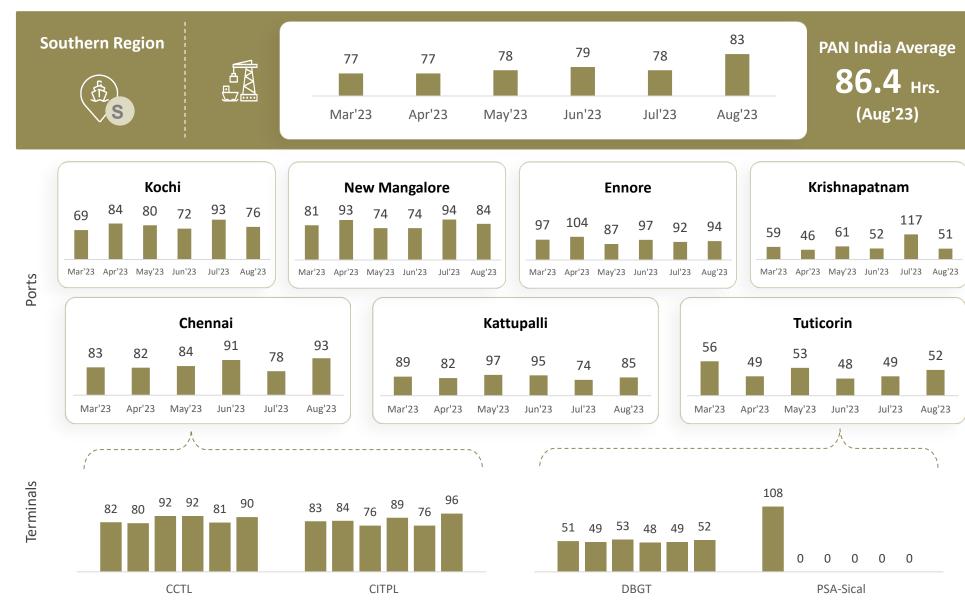




IMPORT

# Export Cycle Dwell Time Performance: Southern Region

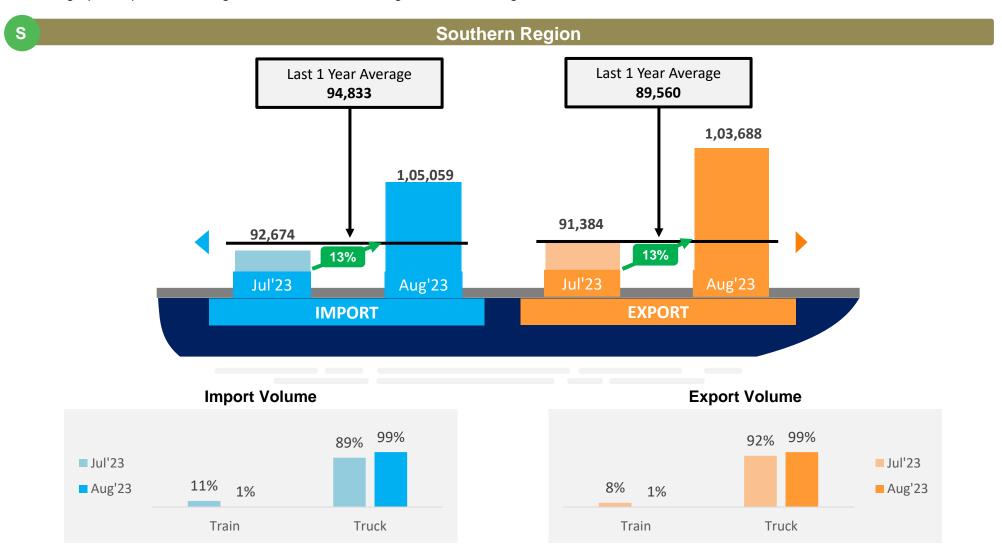




# Container Count: Southern Region



Below graphs depicts the change in container count during the month of Aug'23 w.r.t the last month i.e. Jul'23.



# Container Transportation: Southern Region



### **Container Lifecycle (Import Cycle)**

### Port Dwell Time - Import Cycle Jul'23 Aug'23 (in hrs) (in hrs) **Train** 31.3 40.4 **CFS Dwell Time** IMPORT Aug'23 Jul'23 **Truck** 38.3 37.0 (in hrs) (in hrs) Overall 39.3 37.1 **CFS** 105.7 105.9 Jul'23 Aug'23 (in hrs) (in hrs) Train 67.8 97.9 **EXPORT** 82.9 **Truck** 79.2 The marked entries showcase increase in performance in comparison to Jul'23 The marked entries showcase decrease in Overall 78.2 82.7 performance in comparison to Jul'23

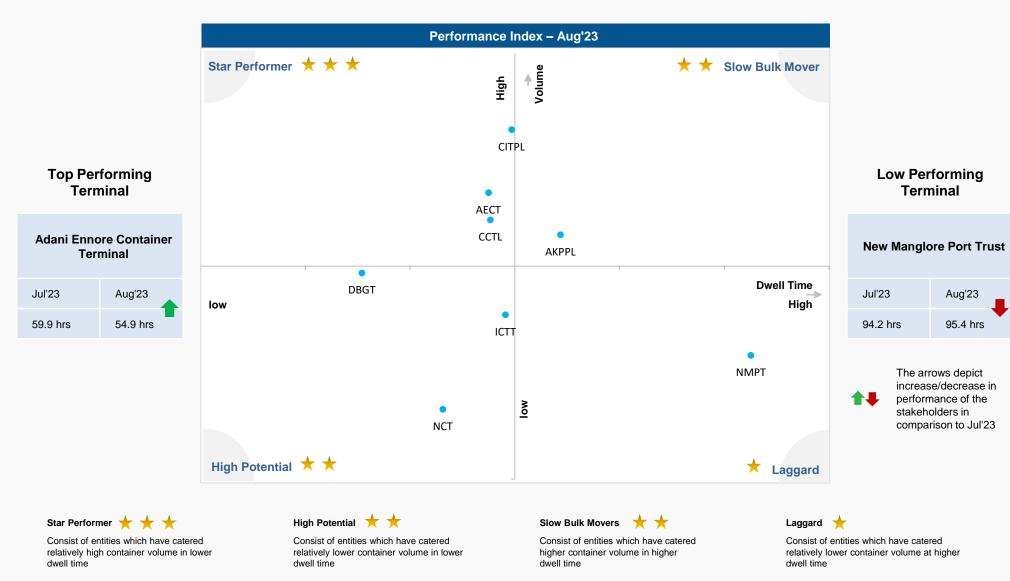
Port Dwell Time - Export Cycle

**Container Lifecycle (Export Cycle)** 

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# Port Performance Benchmarking: Southern Region



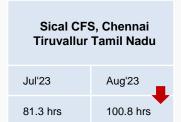


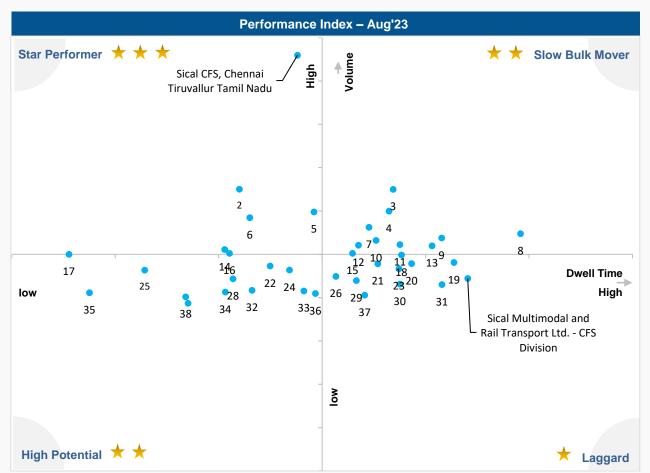
© NICDC Logistics Data Services Limited — Southern Region

# CFS Performance Benchmarking: Southern Region









# Low Performing CFS

### Sical Multimodal and Rail Transport Ltd. - CFS Division

Jul'23	Aug'23
214.3 hrs	166.7 hrs

**↑** 

The arrows depict increase/decrease in performance of the stakeholders in comparison to Jul'23

### Star Performer 🛨 🛨 🛨

Consist of entities which have catered relatively high container volume in lower dwell time

### High Potential 🜟 🌟

Consist of entities which have catered relatively lower container volume in lower dwell time

### Slow Bulk Movers

Consist of entities which have catered higher container volume in higher dwell time

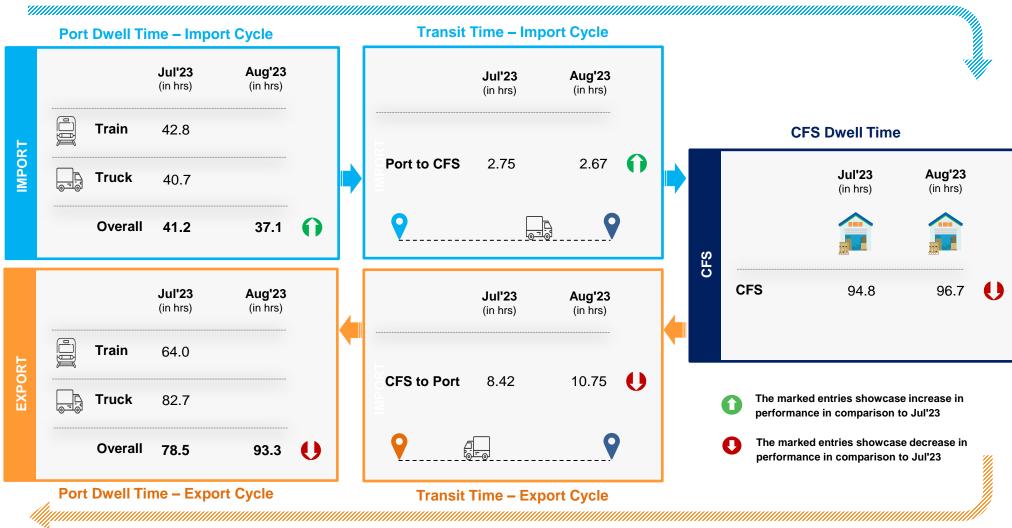
### Laggard 🛨

Consist of entities which have catered relatively lower container volume at higher dwell time

# Container Transportation: Chennai Port



### **Container Lifecycle (Import Cycle)**



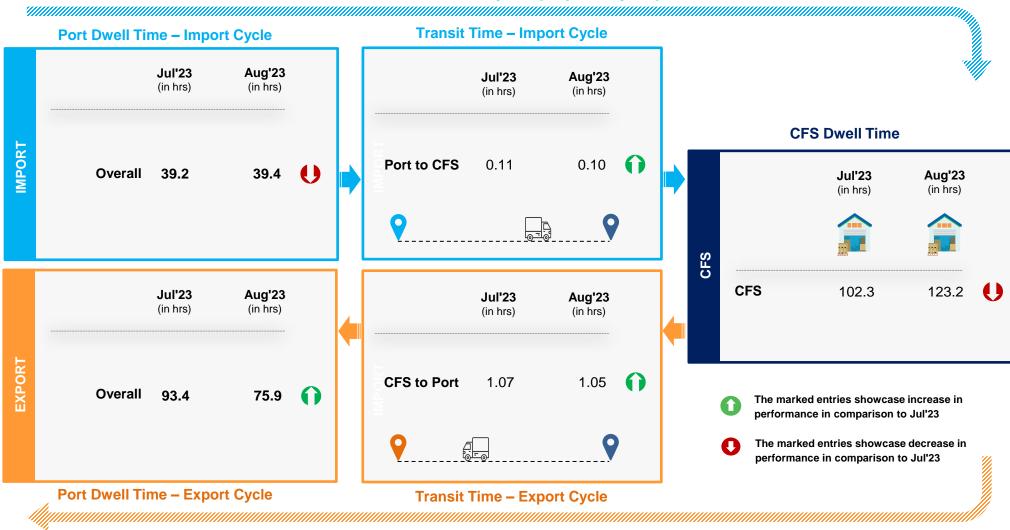
**Container Lifecycle (Export Cycle)** 

Note: Chennai transport mode wise dwell time has some issues thus excluded.

# Container Transportation: Kochi Port



### **Container Lifecycle (Import Cycle)**

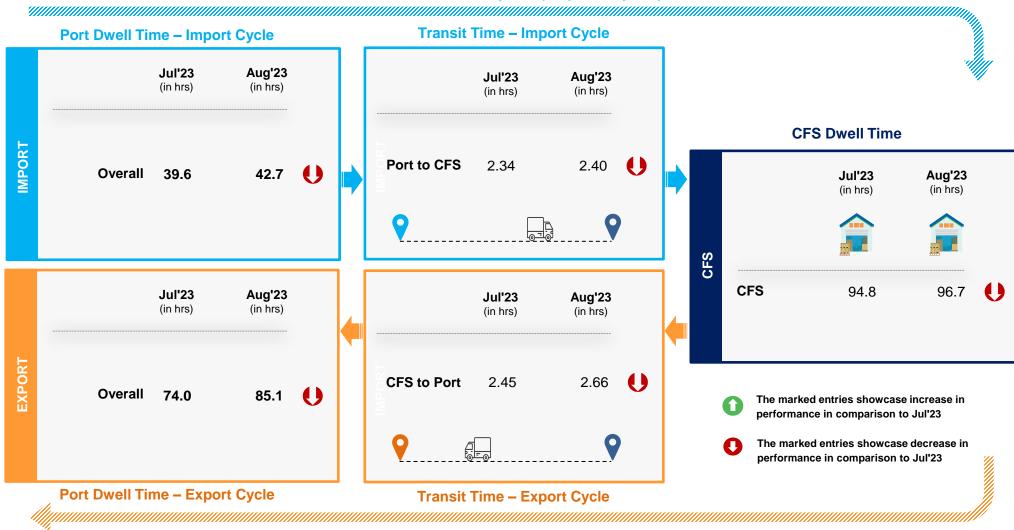


**Container Lifecycle (Export Cycle)** 

# Container Transportation: Kattupalli Port



### **Container Lifecycle (Import Cycle)**

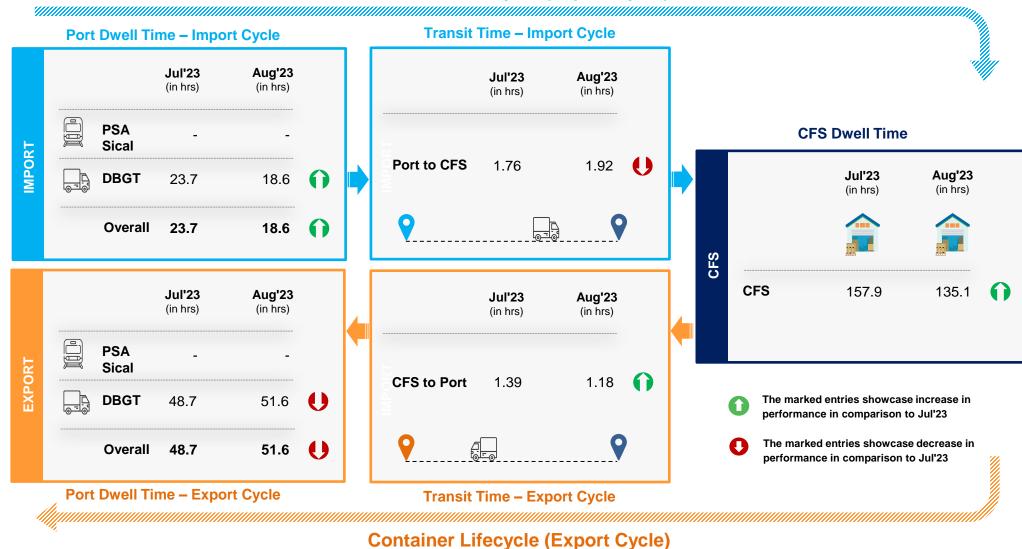


**Container Lifecycle (Export Cycle)** 

# Container Transportation: Tuticorin Port



### **Container Lifecycle (Import Cycle)**

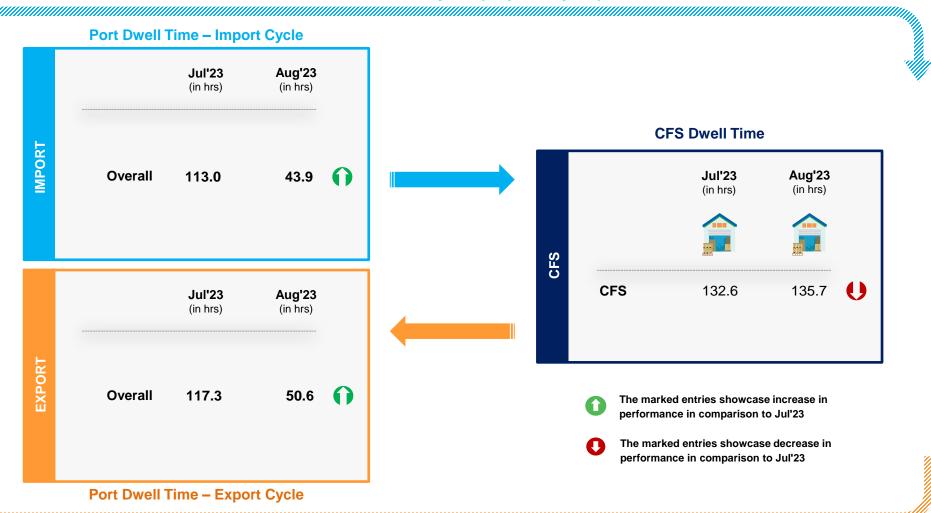


Note: PSA Sical has no volume.

# Container Transportation: Krishnapatnam Port



### **Container Lifecycle (Import Cycle)**



**Container Lifecycle (Export Cycle)** 

© NICDC Logistics Data Services Limited

# Container Transportation: Ennore Port



### **Container Lifecycle (Import Cycle)**

### Port Dwell Time - Import Cycle Jul'23 Aug'23 (in hrs) (in hrs) **Train** 16.5 31.0 **CFS Dwell Time** IMPORT Aug'23 Jul'23 **Truck** 37.2 37.5 (in hrs) (in hrs) Overall 36.3 37.4 **CFS** 96.7 94.8 Jul'23 Aug'23 (in hrs) (in hrs) Train 96.5 97.9 **EXPORT** 93.3 Truck 91.8 The marked entries showcase increase in performance in comparison to Jul'23 The marked entries showcase decrease in Overall 92.0 93.5 performance in comparison to Jul'23

Port Dwell Time - Export Cycle

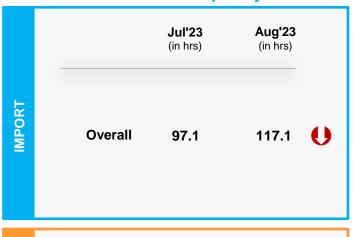
**Container Lifecycle (Export Cycle)** 

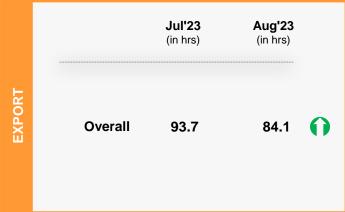
# Container Transportation: **New Mangalore Port**



### **Container Lifecycle (Import Cycle)**

### Port Dwell Time - Import Cycle





The marked entries showcase increase in performance in comparison to Jul'23

The marked entries showcase decrease in performance in comparison to Jul'23

Port Dwell Time - Export Cycle



**Container Lifecycle (Export Cycle)** 



# 04 EASTERN REGION PERFORMANCE



# TRACK YOUR TRANSPORT

ONE STOP INTERACTIVE PLATFORM FOR TRANSPORTATION MANAGEMENT

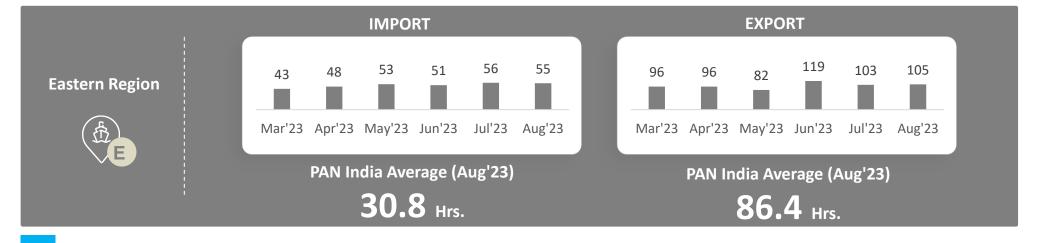
www.trackyourtransport.in





### Import/ Export Cycle Dwell Time Performance: Eastern Region

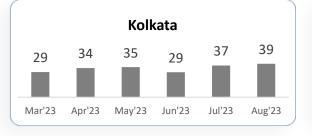


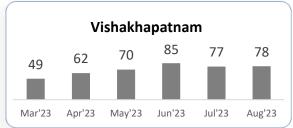


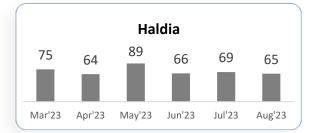
IMPORT

Ports

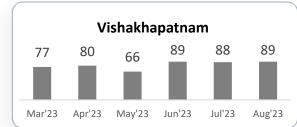


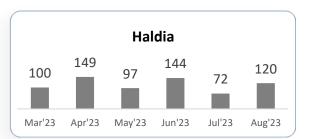








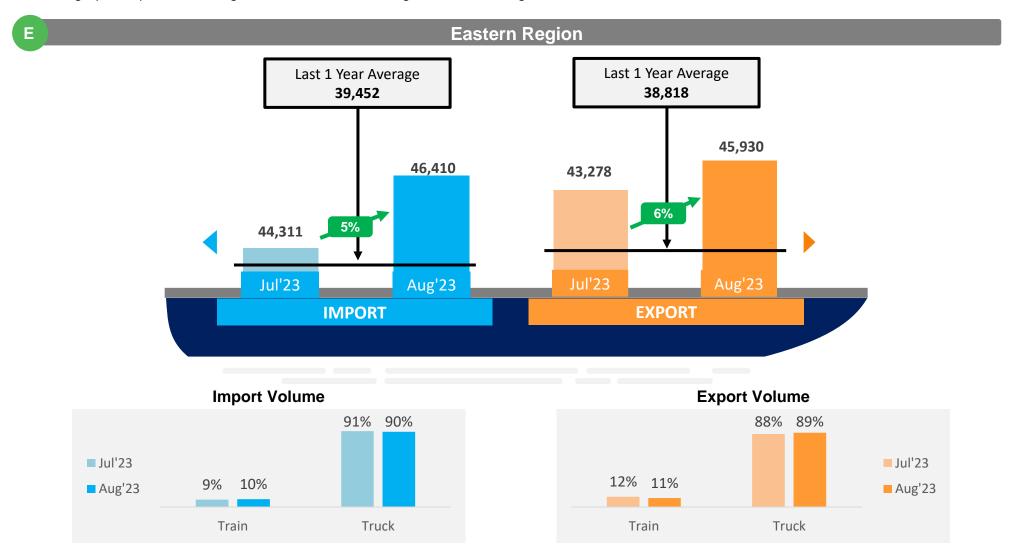




# Container Count: Eastern Region



Below graphs depicts the change in container count during the month of Aug'23 w.r.t the last month i.e. Jul'23.



# Container Transportation: Eastern Region



### **Container Lifecycle (Import Cycle)**

### Port Dwell Time - Import Cycle Jul'23 Aug'23 (in hrs) (in hrs) **Train** 184.0 173.8 **CFS Dwell Time** IMPORT Aug'23 Jul'23 **Truck** 51.6 49.8 (in hrs) (in hrs) Overall 56.1 54.7 **CFS** 139.5 138.4 Jul'23 Aug'23 (in hrs) (in hrs) Train 95.5 117.8 **EXPORT** 104.1 **Truck** 103.7 The marked entries showcase increase in performance in comparison to Jul'23 The marked entries showcase decrease in Overall 102.7 105.3 performance in comparison to Jul'23

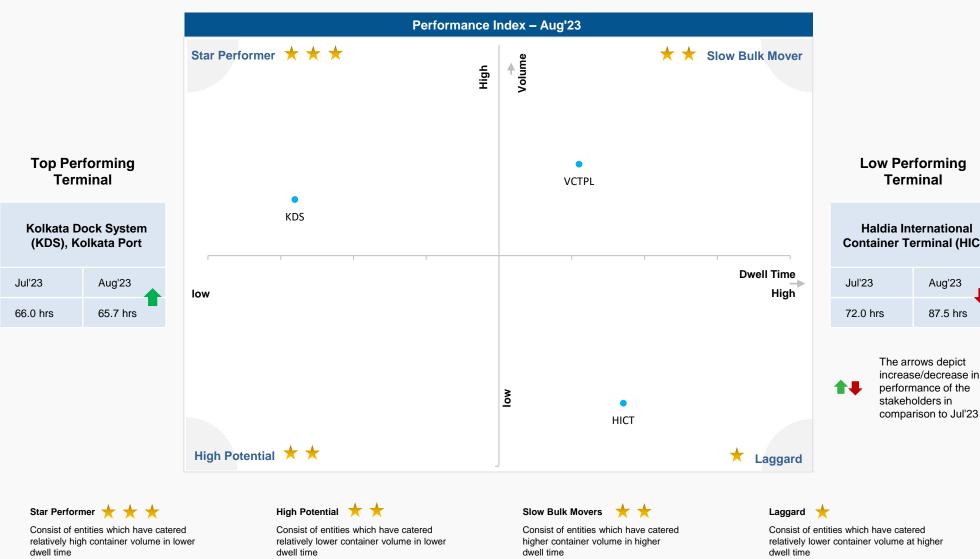
**Port Dwell Time – Export Cycle** 

**Container Lifecycle (Export Cycle)** 

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# Port Performance Benchmarking: Eastern Region



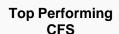


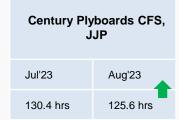
**Container Terminal (HICT)** 

increase/decrease in

# CFS Performance Benchmarking: Eastern Region









### **Low Performing CFS**



The arrows depict increase/decrease in performance of the stakeholders in comparison to Jul'23



Consist of entities which have catered relatively high container volume in lower dwell time

### High Potential 🗡 🕇

Consist of entities which have catered relatively lower container volume in lower dwell time

### Slow Bulk Movers 🔭 🤺



Consist of entities which have catered higher container volume in higher dwell time

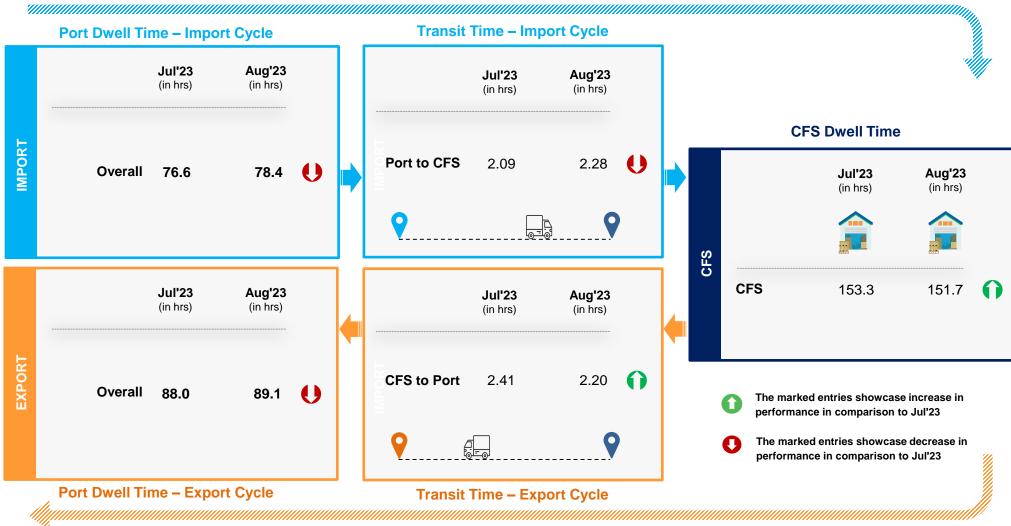
### Laggard 🛨

Consist of entities which have catered relatively lower container volume at higher dwell time

# Container Transportation: Visakhapatnam Port





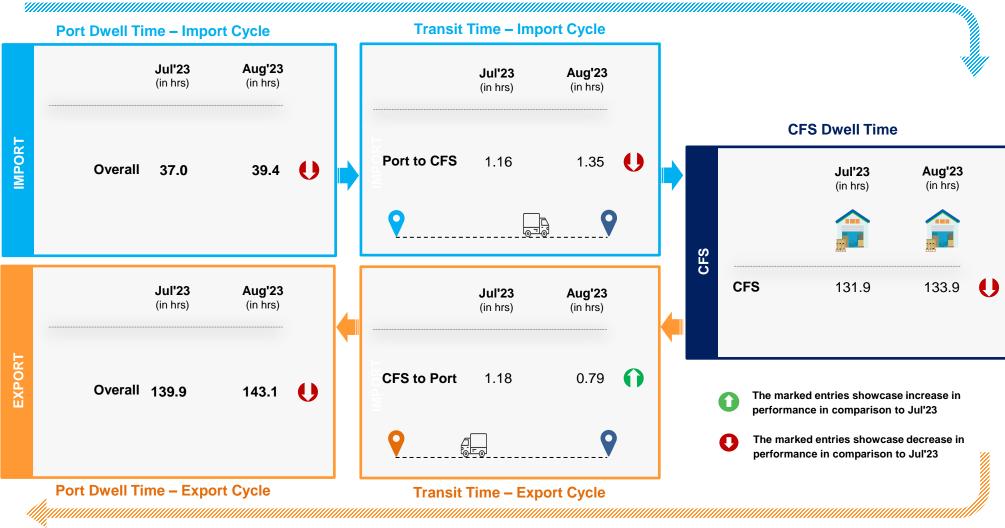


**Container Lifecycle (Export Cycle)** 

# Container Transportation: Kolkata Port



### **Container Lifecycle (Import Cycle)**

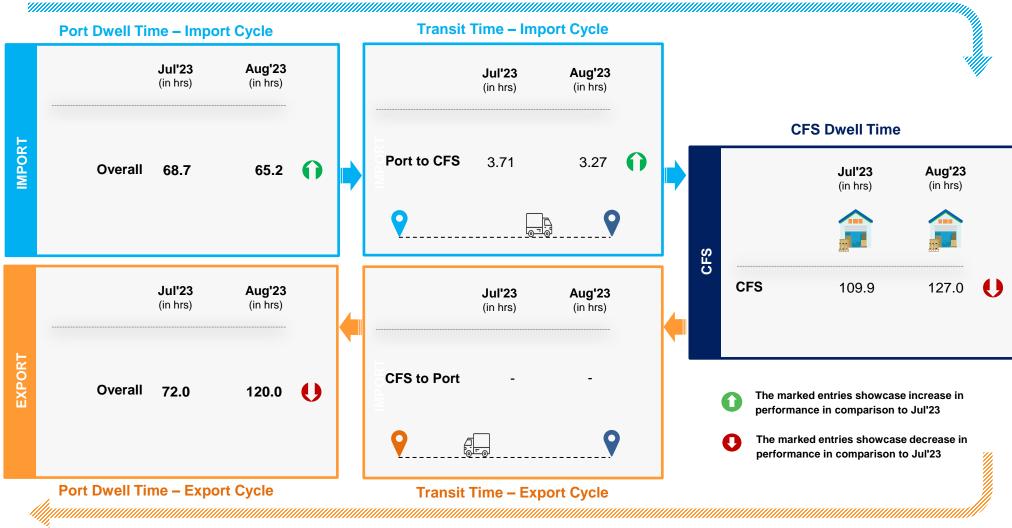


**Container Lifecycle (Export Cycle)** 

# Container Transportation: Haldia Port



### **Container Lifecycle (Import Cycle)**



**Container Lifecycle (Export Cycle)** 

Note: Haldia CFS to Port transit data has low volume in Jul'23 and Aug'23 month.

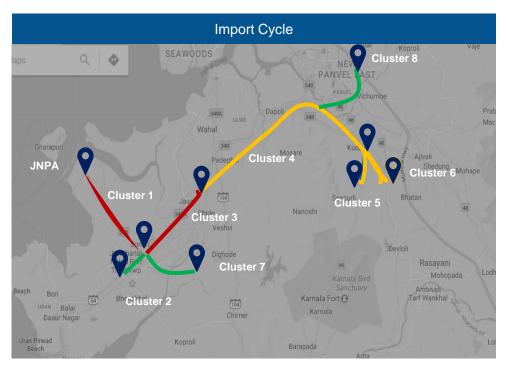


# 05 CONGESTION ANALYSIS



# Congestion Analysis: JNPA Region







Serial	Cluster Name	Status
Cluster 1	JNPA area	Bottleneck
Cluster 2	Bhendkhal area, khopate road	-
Cluster 3	Sonari area,JNPA road	Bottleneck
Cluster 4	Chirle area, JNPA road	-
Cluster 5	Plaspa area, coach kanyakumari highway	-
Cluster 6	Salva apta rd area, bangalore highway	-
Cluster 7	Patilpada area, khopate JNPA road	-
Cluster 8	Taloja, navi mumbai	-

Serial	Cluster Name	Status
Cluster 1	JNPA area	Bottleneck
Cluster 2	Bhendkhal area, khopate road	Bottleneck
Cluster 3	Sonari area,JNPA road	Bottleneck
Cluster 4	Chirle area, JNPA road	Bottleneck
Cluster 5	Plaspa area, coach kanyakumari highway	-
Cluster 6	Salva apta rd area, bangalore highway	-
Cluster 7	Patilpada area, khopate JNPA road	-
Cluster 8	Taloja, navi mumbai	-

Legends High Congestion Medium Congestion Low Congestion



Location Poin

# Congestion Analysis: Mundra Region







Serial	Cluster Name	Status
Cluster 1	APSEZ Area	-
Cluster 2	Hind circle	-
Cluster 3	Motakapaya	-

Serial	Cluster Name	Status
Cluster 1	APSEZ Area	-
Cluster 2	Hind circle	-
Cluster 3	Motakapaya	-

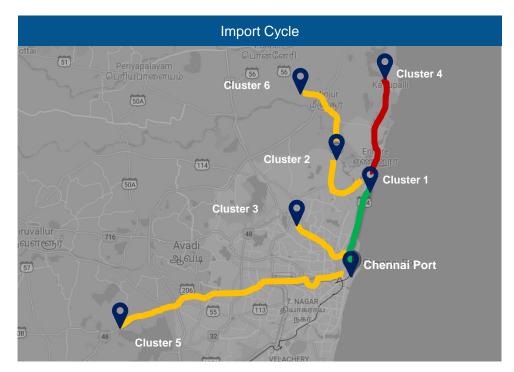
High Congestion Medium Congestion Low Congestion Legends

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# Congestion Analysis: Chennai Region







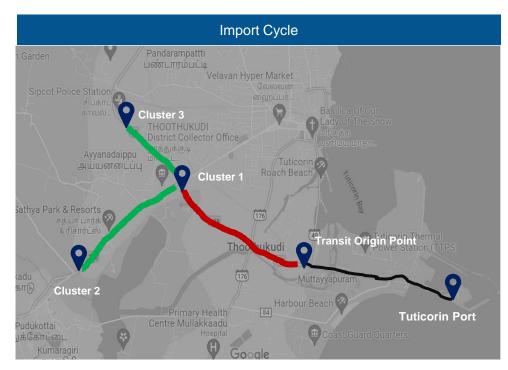
Serial	Cluster Name	Status
Cluster 1	Chennai port bound area	-
Cluster 2	Ennore port bound area	-
Cluster 3	Chennai central area	-
Cluster 4	Kattupalli port bound area	Bottleneck
Cluster 5	Chennai automotive industry area (Irungatukottai)	-
Cluster 6	Thiruvallur Outer city bound area	-

Serial	Cluster Name	Status
Cluster 1	Chennai port bound area	Bottleneck
Cluster 2	Ennore port bound area	Bottleneck
Cluster 3	Chennai central area	Bottleneck
Cluster 4	Kattupalli port bound area	-
Cluster 5	Chennai automotive industry area (Irungatukottai)	Bottleneck
Cluster 6	Thiruvallur Outer city bound area	-

Legends High Congestion Medium Congestion Low Congestion Location Po

# Congestion Analysis: Tuticorin Region





	Export Cycle
	Pandarampattti பண்டாரம்பட்டி Velavan Hyper Market
Sipcot Police Station சிப்காட் காவல்	வேலவன் ஹைப்பர் Basilica Of Our
Ayyanadaippu அய்யனடைப்பு	THOOTHUKUDI District Collector Office மன்று மன்று மன்று.
Sathya Park & Resorts சத்யா பார்க் & ரிசார்ட்ஸ்	Thoo bukudi  Transit Origini Point Print P
kadu ъпф Cluster 2	(176) Muttayyapuram
Pudukottai புக்கோட்டை Kumaragiri	Primary Health Centre Mullakkaadu Hospital Google  Harbour Beach Tuticorin Port  Coast Guard Quarters

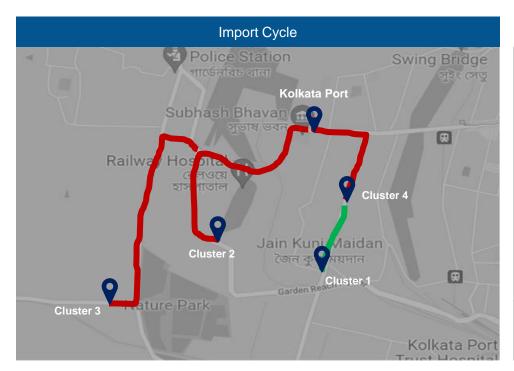
Serial	Cluster Name	Status
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	Bottleneck
Cluster 2	Tirunelveli road near by Podukottai	-
Cluster 3	Sipcot area near by Madurai road	-

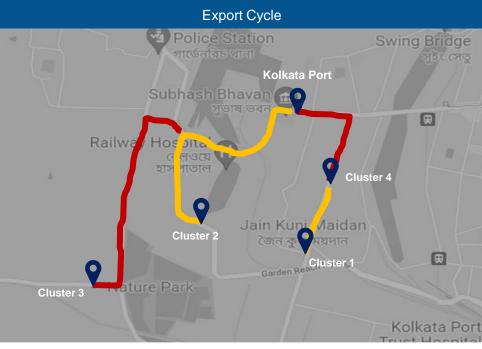
Serial	Cluster Name	Status
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	-
Cluster 2	Tirunelveli road near by Podukottai	-
Cluster 3	Sipcot area near by Madurai road	-

Legends High Congestion Medium Congestion Low Congestion Location Point

# Congestion Analysis: Kolkata Region







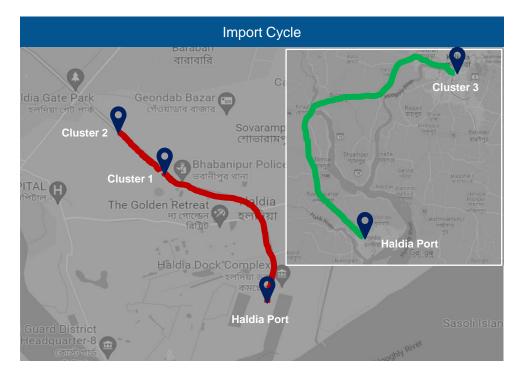
Serial	Cluster Name	Status
Cluster 1	Base bridge area	-
Cluster 2	Sonapur road area	Bottleneck
Cluster 3	Nature park area	Bottleneck
Cluster 4	Babu bazar area	Bottleneck

Serial	Cluster Name	Status
Cluster 1	Base bridge area	-
Cluster 2	Sonapur road area	-
Cluster 3	Nature park area	Bottleneck
Cluster 4	Babu bazar area	Bottleneck

Legends High Congestion Medium Congestion Low Congestion Location Point

# Congestion Analysis: Haldia Region





	Export Cy	rcle		
	চরার্যুর। বারাবারি	Amu	हाउँ जा Panchia चंद्रश	K P a Intwiton
Idia Gate Park হলদিয়া গেট পার্ক	Geondab Bazar ক্লে গেঁওয়াডাব বাজার	है Bagnan वास्त्रान Monachin	Raypur direct Brass	uster 3
Cluster	Sovaramp শোভারাম	2 116	Brandon Tayen	Tiz Barulpur संस्कृति
PITAL (F)	Cluster 1  Bhabanipur Police ভবানীপুর খানা  The Golden Retreat দ্য গোল্ডেন হলদিয়া	(1158)	Falta uderol Sangha wider Roychek (Langhild Habbut Sangha	
	Haldia Dock Complex হলদিয়া ও	tal Vale selfs	मुख्याम है सर्व	allers 92 Radight
Guard District Headquarter-8 কোঠা গাৰ্ড	Haldia Po	rt		Sasoli Islar
Guard District Headquarter-8	দ্য গোল্ডেন হলদিয়া রিট্রিট Haldia Dock Complex হলদিয়া কমঙ্গে	taka Rangaran Hardugan	Haldia Port	nturies unflamys exanta Pur ulteris 92

Serial	Cluster Name	Status
Cluster 1	Talpukur area, Kolkata highway	Bottleneck
Cluster 2	City centre area, Kolkata highway	Bottleneck
Cluster 3	Silpodanga area	-

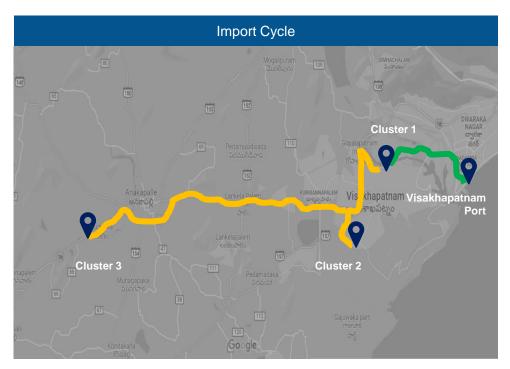
Serial Cluster Name Status

Legends High Congestion Medium Congestion Low Congestion Location Point

Note: Haldia CFS to Port transit data has low volume in Aug'23 month.

# Congestion Analysis: Visakhapatnam Region







Serial	Cluster Name	Status
Cluster 1	Port road, Gopalapatnam area	-
Cluster 2	Autonagar, Gajuwaka area	-
Cluster 3	Chennai – Kolkata highway, Bayyavaram area	-

Serial	Cluster Name	Status
Cluster 1	Port road, Gopalapatnam area	-
Cluster 2	Autonagar, Gajuwaka area	-
Cluster 3	Chennai – Kolkata highway, Bayyavaram area	-

Legends High Congestion Medium Congestion Low Congestion Congestion



ANALAYSIS OF
CONTAINER MOVEMENT
ACROSS INDIA

### Transit Movement across ICPs



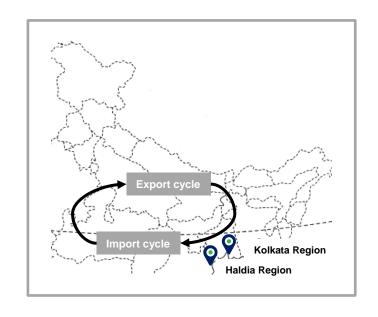
Below is the analysis of the transit movement across ICPs from Kolkata Port Terminal or Haldia Port Terminal both Import and Export cycle

### **Kolkata Port Terminal**

	Mode	ICP Raxaul	ICP Jogbani
	Overall	132.6 hrs.	106.1 hrs.
cle	Road	142.2 hrs.	106.1 hrs.
t Cyc	Rail	99.0 hrs.	-

### **Haldia Port Terminal**

Mode	ICP Raxaul	ICP Jogbani
Overall	120.7 hrs.	128.1 hrs.

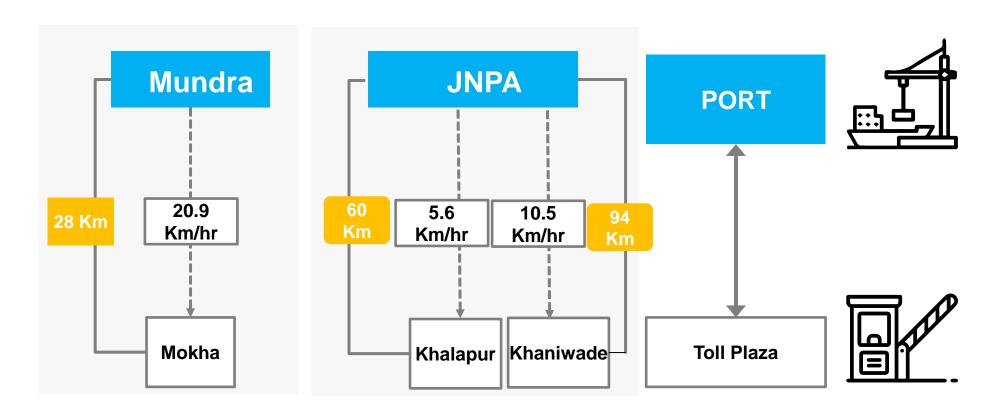


Note: Export data has issues in Aug'23 month thus removed. Also, ICP Jogbani is added in Import cycle.

# **Evacuation Efficiency Analysis**



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



# **Evacuation Efficiency Analysis: Other Major Ports**



### 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	Avera	Average Speed (in Km/h)		
Region	1 OIL	(in KM		Jun'23	Jul'23	Aug'23	
Western	Hazira	Boriach	77	4.7	5.0	6.7	
	Kolkata	Dankuni	24	3.4	3.1	3.0	
Eastern	Llaldia	Debra	100	9.4	7.6	6.4	
	Haldia	Jaladhulagori	101	8.4	11.0	10.6	
	Chennai	Nallur	23	2.4	2.5	3.0	
	Kochi GIPL Palayekara	Kumbalam	13	0.6	0.6	0.7	
		GIPL Palayekara	71	6.8	4.9	6.4	
Courthours	New Mangalore Talapady Gundmi	Brahamarakotlu	25	1.1	1.1	-	
Southern		Talapady	22.5	2.1	2.2	7.5	
		Gundmi	68	6.1	5.2	6.7	
	Kattupalli	Nallur	33	7.3	2.7	0.6	
	Tuticron	VoCPT CheckPost1	4.3	20.3	22.2	33.6	

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 within 2 days.

# Western Region Toll Plaza Analysis



### Avg. Speed between Toll to Toll Plazas

	Source	Destination	Inter Distance (Km)	Jun'23 (in km/hrs)	Jul'23 (in km/hrs)	Aug'23 (in km/hrs)
	JNPA	Khaniwade	94	13.6	10.9	10.5
'n	Khaniwade	Charoti	50	37.8	39.4	39.1
sad	Charoti	Boriach	126	22.9	21.1	21.6
JNPA to Vasad JNPA to Khedshivpur	Boriach	Bharthan	142	31.1	29.9	30.9
PA to	Bharthan	Vasad	60	35.9	36.0	35.3
ZA						
롱	JNPA	Khalapur	60	2.6	19.6	5.6
	Khalalpur	Khedshivpur	105	31.2	31.8	22.5
ari ari	Mundra	Mokha	28	22.4	21.5	20.9
Bhalgam Surajbari	Mokha	Makhel	150	24.0	24.0	23.6
Bh Su	Makhel	Bhalgam	108	36.4	36.4	31.8
a to						
Mundra to l Mundra to (	Mundra	Mokha	28	22.4	21.5	20.9
ΣŽ	Mokha	Surajbari	115	25.4	25.4	22.7

# Annexure – Name of the Ports



Terminal Name	Name of the Port
ACMTTL	Adani CMA Mundra Terminal (ACMTTL)
AHPL	Adani Hazira Port Limited (AHPL)
AICT	Adani International Container Terminal (AICT)
AMCT	Adani Mundra Container Terminal (AMCT)
AMCT-2	Adani Mundra Container Terminal-2 (AMCT-2)
ВМСТ	Bharat Mumbai Container Terminal(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)
NCT	Navayuga Container Terminal (NCT)

Terminal Nam	ne Name of the Port
KICT	Kandla International Container Terminal (KICT)
ICTT	International Container Transhipment Terminal, Kochi
NSFT	Nhava Sheva Freeport Terminal (NSFT)
AKPPL	Kattupalli International Container Terminal (KICT)
KDS	Kolkata Dock System (KDS)
MICT	Mundra International Container Terminal (MICT)
NSIGT	Nhava Sheva India Gateway Terminal (NSIGT)
NSICT	Nhava Sheva International Container Terminal (NSICT)
VCTPL	Visakha Container Terminal
NMPT	New Mangalore Port Trust Terminal
AECT	Adani Ennore Container Terminal (AECT)

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# Annexure – Western Region



Lis	st of CFS name used in CFS Performance Inde	ex	
1	Adani CFS Eximyard, Mundra	23	Speedy Multimode CFS, JNPT
2	Saurashtra CFS, Mundra	24	Rishi CFS, Mundra
3	Punjab Conware CFS, Navi Mumbai	25	Landmark CFS, Mundra
4	Hind Terminals Pvt. Ltd. CFS, Mundra	26	AllCargo Logistics
5	Seabird CFS, Mundra	27	International Cargo Terminal CFS
6	Gateway Distriparks CFS, Navi Mumbai	28	Navkar Corporation Yard 2 CFS, Panvel
7	CWC CFS, Mundra	29	Seabird CFS, Navi Mumbai
8	MICT CFS, Mundra	30	Ashte Logistics CFS, Panvel
9	EFC Logistics India	31	Apollo Logisolutions CFS, Panvel
10	Ameya Logistics CFS, Navi Mumbai	32	TG Terminals CFS
11	International Cargo Terminals (ULA) CFS, Navi Mumbai	33	Mundhra CFS, Mundra
12	JWC Logistics Park CFS	34	LCL Logistics CFS, Pipavav
13	Hind Terminal CFS, Hazira	35	Vaishno Logistics CFS, Navi Mumbai
14	CWC Conex Terminal CFS	36	Navkar Corporation Yard 1 CFS, Panvel
15	Sarveshwar CFS	37	Kerry Indev Logistics Pvt Ltd CFS
16	TG Terminals CFS, Mundra	38	Maharashtra State Corp CFS
17	Honey Comb CFS, Mundra	39	Take Care Logistics CFS
18	Seabird CFS, Hazira	40	Navkar Corporation Yard 3 CFS, Panvel
19	Ocean Gate CFS, Panvel	41	Adani CFS, Hazira
20	Dronagiri Rail Terminal CFS, Navi Mumbai	42	Contrans Logistic CFS, Pipavav
21	APM (Maersk India) CFS, Navi Mumbai	43	JWR CFS
22	Ashutosh CFS, Mundra		

Lis	t of ICD name used in ICD Performance Index
1	Adani ICD, Tumb
2	The Thar Dry Port ICD Ahmedabad
3	Hind Terminals Logistics Park ICD, Palwal
4	Pristine ICD Chawapail , Ludhiana
5	Continental Warehousing Corporation Nhava Sheva pvt.
6	Vaishno Container Terminal-ICD Tarapur
7	KLPL ICD, Kanpur
8	ACTL ICD, Faridabad
9	Gateway Rail Freight Limited ICD
10	Gateway Rail Freight ICD, Pyala
11	Allcargo Logistics Park ICD, Dadri
12	APM Terminals ICD, Dadri
13	Albatross Inland Ports ICD, Dadri
14	CMA CGM Logistics Park, Dadri
15	The Thar Dry Port Jodhpur
16	Gateway Rail Freight ICD, Gurgaon
17	Gateway Rail ICD, Sahnewal
18	ICD KIFTPL Kashipur
19	ICD Timmapur, Telangana
20	Pegasus Inland Container Depot
21	Adani Logistics Park ICD, Gurgaon
22	Kribhco ICD, Meerut

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# Annexure – Southern & Eastern Region



	Sical CFS, Chennai Tiruvallur Tamil Nadu Adani CFS, Kattupalli Tiruvallur Tamil Nadu	21	Ennore Cargo Container Terminal CFS, Chennai
2	Adani CFS, Kattupalli Tiruvallur Tamil Nadu		Elinore Gargo Container Terminar CF3, Chermar
_		22	St. John Freight Systems Ltd ICD Division
3	Sanco Trans CFS, Chennai	23	Kerry Indev Logistics Private Limited / Continental Container Freight Station
4	Allcargo Global Logistics CFS, Chennai	24	Vilsons CFS
5	Continental Warehousing Corporation CFS (Nhava Seva), Chennai	25	Chandra CFS, Tiruvallur
6	Kerry Indev Logistics ICD, Kanchipuram	26	Chola Logistics Pvt Ltd
7	Apm Terminals India CFS, Tiruvallur	27	Sical Multimodal and Rail Transport Ltd CFS Division
	Continental Warehousing Corporation Nhava Sheva Ltd.	28	Sudharsan Logistics CFS, Chennai
9	Raja Agencies CFS	29	STP Services CFS, Chennai
10	ALS Tuticorin Terminal Private Limited	30	Diamond CFS Park
11	Kailash Shipping Services CFS, Chennai	31	Prompt Terminals (P) Ltd
12	Gateway Distriparks CFS, Chennai	32	Continental Warehousing Corporation CFS (Nhava Seva), Tiruvallur
13	Hari CFS	33	Sattva Hi-Tech And Conware CFS, Chennai
14	Triway CFS, Chennai	34	Calyx Container Terminal CFS, Chennai
15	GDKL CFS	35	A S Shipping Agencies CFS, Tiruvallur
16	Sattva Cfs And Logistics CFS, Chennai	36	Hind Terminals CFS, Chennai
17	Concor CFS, Chennai	37	A.S.Shipping Agencies Pvt Ltd
18	Balmer Lawrie CFS, Chennai	38	Kences CFS Chennai
19	ICBC CFS Chennai	39	Glovis India CFS, Kanchipuram
20	MIV CFS		

List of CFS name used in Eastern CFS	
Performance Index	

Phonex CFS
 Allcargo Logistics CFS
 Century Plyboards CFS, JJP
 Century Plyboards CFS, Sonai
 Sravan CFS-1
 VCT CFS
 Balmer Lawrie CFS
 Gateway East India CFS
 CWC CFS, Kolkata
 Sravan CFS-2
 SICAL CFS
 A L Logistics CFS

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# LDB AT A GLANCE

# 62 MILLION<sup>+</sup>

**CONTAINERS HANDLED** 

93

Toll Plaza Coverage

407+

CFS/ICD/ICP/PY/IZ Coverage

600+

Operators deployed at ports

100%

EXIM Container Terminals covered

2820+

RFID readers deployed PAN India

EDI

with FOIS and 27 Port Terminals

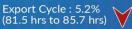
# PORT PERFORMANCE

(July'23 vs August'23)

# **DWELL TIME**

### **WESTERN REGION**

Import Cycle : 22.4% (33.1 hrs to 25.7 hrs)



TOP-PERFORMER: Bharat Mumbai Container Terminal (PSA)

### **EASTERN REGION**

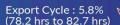
Import Cycle : 2.5% (56.1 hrs to 54.7 hrs)

Export Cycle :2.5% (102.7 hrs to 105.3 hrs)

TOP-PERFORMER: Kolkata Dock System (KDS)

### **SOUTHERN REGION**

Import Cycle : 5.6% (39.3 hrs to 37.1 hrs)



TOP-PERFORMER: Adani Ennore Container Terminal Pvt. Ltd.

# TOP PERFORMERS OF AUGUST 2023 PAN INDIA



### **TERMINAL**

Bharat Mumbai Container Terminal (PSA)



### **CFS**

Adani CFS Eximyard, Mundra



### ICD

Continetnal Warehousing Corporation Nhava Sheva Pvt.





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