



**NLDS**  
NICDC LOGISTICS DATA SERVICES LTD  
*Logistics Redefined*

# LOGISTICS DATA BANK

ANALYTICS REPORT

# FEBRUARY 2024

in X f | @nlds



# NATIONAL LOGISTICS POLICY

LAUNCHED BY  
**SHRI NARENDRA MODI**  
PRIME MINISTER

\* IN THE AUGUST PRESENCE OF \*

<b>Shri Nitin Jairam Gadkari</b> Minister, Road Transport and Highways	<b>Smt. Nirmala Sitharaman</b> Minister, Finance and Corporate Affairs
<b>Shri Piyush Goyal</b> Minister, Commerce & Industry, Consumer Affairs, Food and Public Distribution, and Textiles	<b>Shri Dharmendra Pradhan</b> Minister, Education and Skill Development and Entrepreneurship
<b>Shri Sarbananda Sonowal</b> Minister, Port, Shipping and Waterways, and AYUSH	<b>Shri Jyotiraditya M. Scindia</b> Minister, Civil Aviation, and Steel
<b>Shri Ashwini Vaishnaw</b> Minister, Railways, Communications, and Electronics and Information Technology	<b>Shri Som Prakash</b> Minister of State for Commerce & Industry
<b>Smt. Anupriya Patel</b> Minister of State for Commerce & Industry	



## NATIONAL LOGISTICS POLICY

LAUNCHED BY HON'BLE PRIME MINISTER **SHRI NARENDRA MODI** ON 17<sup>th</sup> SEPTEMBER 2022



## NLDS team members

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# LDB AT A GLANCE

## 68 MILLION<sup>+</sup>

CONTAINERS HANDLED

119

Toll Plaza Coverage

480+

CFS/ICD/EY/ICP/IZ/  
PP/SEZ Coverage

600+

Operators  
deployed at ports

100%

EXIM Container  
Terminals covered\*

3250+

RFID readers  
deployed PAN India

EDI

with FOIS and  
28 Port Terminals


\* Operation in Gangavaram port (NSDT) yet to be started.


# PORT PERFORMANCE

(January'24 vs February'24)

## DWELL TIME

### WESTERN REGION


Import Cycle : 2.8%   
(21.4 hrs to 22.0 hrs)

Export Cycle : 7.0%   
(87.3 hrs to 93.4 hrs)

TOP-PERFORMER :  
Gateway Terminals  
India (GTI) & Bharat Mumbai  
Container Terminals (PSA)


### EASTERN REGION


Import Cycle : 1.8%   
(45.3 hrs to 44.5 hrs)

Export Cycle : 11.5%   
(108.1 hrs to 120.5 hrs)

TOP-PERFORMER :  
Kolkata Dock  
System (KDS), Kolkata Port

### SOUTHERN REGION

Import Cycle : 7.0%   
(51 hrs to 47.4 hrs)

Export Cycle : 4.6%   
(86.8 hrs to 82.8 hrs)

TOP-PERFORMER :  
Chennai International Terminals  
Pvt Ltd (CITPL)

## TOP PERFORMERS OF FEBRUARY 2024 PAN INDIA



### TERMINAL

Gateway Terminals  
India (GTI) & Bharat Mumbai  
Container Terminals (PSA)



### CFS

Sical CFS, Channai,  
Tiruvallur Tamil Nadu



### ICD

Continental Warehousing  
Corporation Nhava Sheva Pvt.



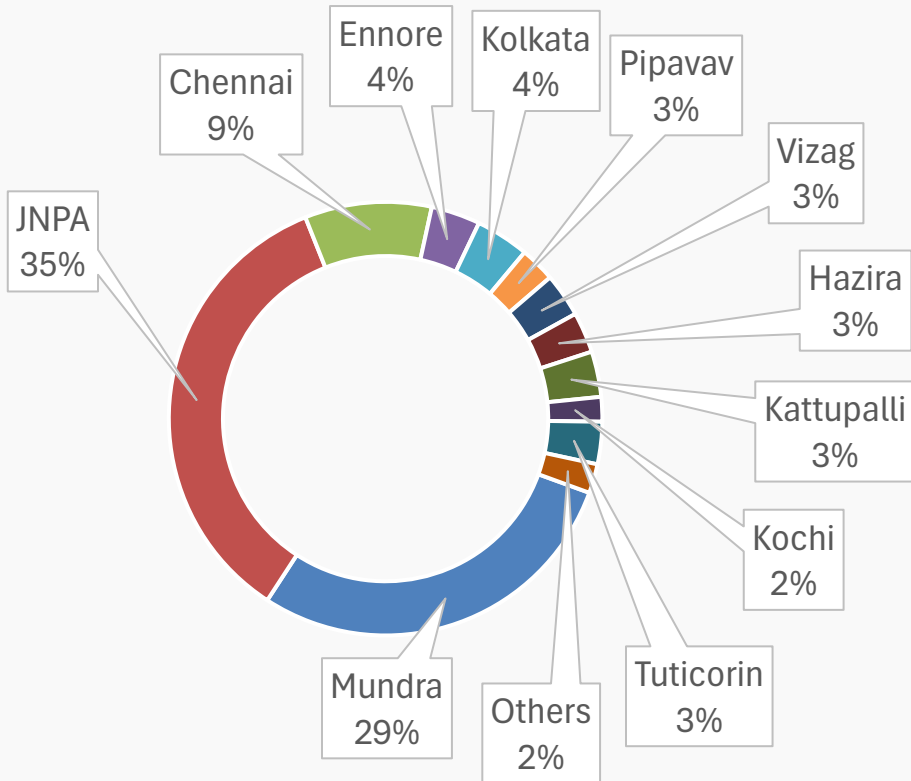
# 01 PAN INDIA PERFORMANCE



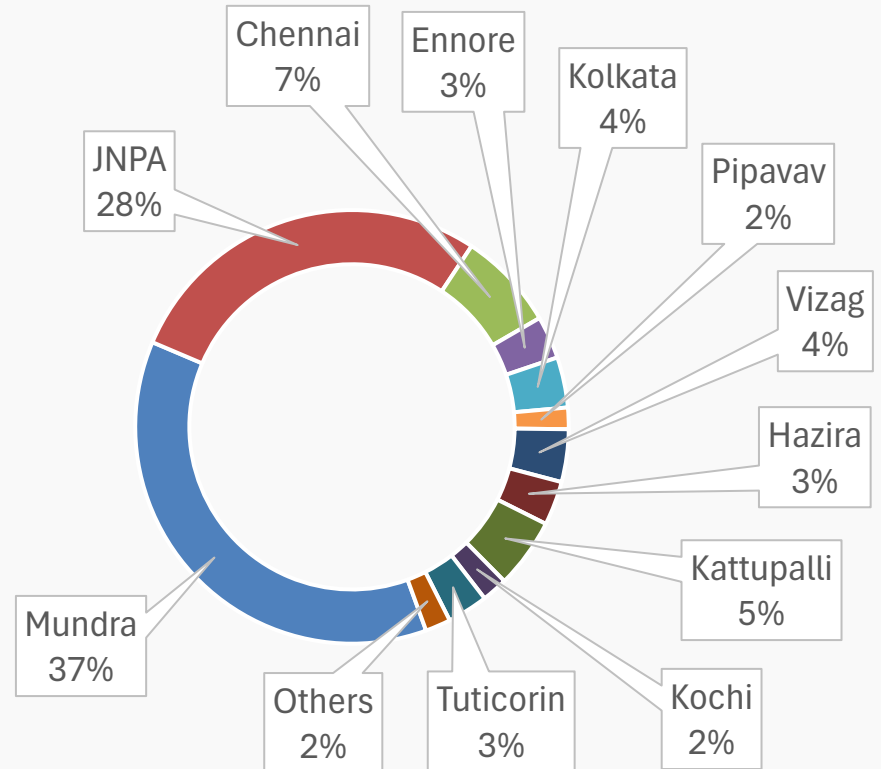
# PAN India EXIM Trade Distribution

Distribution of EXIM containers for the month of February 2024 across all ports:

**Import Container Distribution**  
(Container count in % for Feb'24)



**Export Container Distribution**  
(Container count in % for Feb'24)



Others include Kandla, Haldia and New Mangalore.

# Key Observations: Feb'24

Key observations for February 2024 compared with January 2024:

## Pan India

- Container count (no. of boxes) has **improved by 12%** in import cycle and **7%** in export cycle.
- Top performing terminals for this month are Bharat Mumbai Container Terminals and Gateway Terminals India (JNPA port).

## Western Region

- Western region ports dwell time **performance has reduced by 7%** in export cycle.
- Mundra port dwell time **performance has improved by 23%** in import cycle.
- Mundra port dwell time **performance has reduced by 8%** in export cycle.
- JNPA port dwell time **performance has reduced by 3%** in export cycle.
- Mundra port CFS transit time **performance has reduced by 9%** in import cycle.

## Southern Region

- Southern region ports dwell time **performance has improved by 7%** in import cycle.
- Chennai port CFS transit time **performance has reduced by 8%** in import cycle.
- Kochi port dwell time **performance has reduced by 17%** in export cycle due to reduced vessel calling because of geopolitical issues around Red Sea.
- No container movement at Krishnapatnam Port for February 2024 due to no vessel movement.

## Eastern Region

- Kolkata port dwell time **performance has reduced by 20%** in export cycle due to ongoing berth renovation.
- Haldia port dwell time **performance has reduced by 69%** in export cycle due to reduced vessel calling.



# Dwell Time Performance- Port wise (February 2024)

**Western Region**

**Eastern Region**



Port/Region	Import	Export
Hazira	21.2	120.2
Pipavav	46.5	101.3
Paradip	-	-
Mundra	18.9 ↓	116.8
Nhava Sheva (JNPA)	23.3 ↑	70.5
Kandla	33.2 ↑	84.7
Goa	-	-
Tuticorin	31.9 ↓	64.9
Kochi	35.1	101.6 ↑
New Mangalore	61.5 ↓	107.5 ↑
Krishnapatnam	-	-
Kolkata	35.0 ↓	143.8 ↑
Visakhapatnam	57.0 ↑	98.6
Haldia	63.8 ↓	168.0 ↑
Chennai	47.9	87.9
Ennore	51.8	87.3 ↓
Kattupalli	62.1 ↑	82.3

**Note:**  
Dwell time includes the free time at the port  
All values are in hours

↓ ↑ Indicates decrease/ increase (+/- 10% or above) in dwell time from last month

# Dwell Time Performance: Region-wise

Western Region	Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
	Feb'24	22.0	93.4
	Jan'24	21.4	87.3
	Feb'23	30.3	81.7
	OADT	25.2	90.3
	MADT	23.6	90.5

Southern Region	Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
	Feb'24	47.4	82.8
	Jan'24	51.0	86.8
	Feb'23	42.1	83.4
	OADT	42.1	85.1
	MADT	44.0	85.8

Eastern Region	Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
	Feb'24	44.5	120.5
	Jan'24	45.3	108.1
	Feb'23	47.0	100.0
	OADT	48.1	104.0
	MADT	45.1	102.0

OADT – Overall Avg Dwell Time: Overall average since the start  
MADT – Monthly Avg Dwell Time: Past five years average of the same month

Indicates decrease/ increase in dwell time from last month

# Dwell Time Performance: Port Import Cycle

	Feb'24 (in hrs)		Jan'24 (in hrs)	Feb'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
<b>Western Region</b>	<b>22.0</b>		<b>21.4</b>	<b>30.3</b>	<b>25.2</b>	<b>23.6</b>
JNPA	23.3	↑	18.6	27.8	21.6	22.1
Mundra	18.9	↓	24.5	33.7	28.2	23.3
Pipavav	46.5	↑	45.9	47.6	53.1	48.6
Kandla	33.2	↑	26.3	19.4	48.4	43.8
Hazira	21.2	↑	20.7	33.0	38.5	30.9
<b>Southern Region</b>	<b>47.4</b>		<b>51.0</b>	<b>42.1</b>	<b>42.1</b>	<b>44.0</b>
Chennai	47.9	↓	50.6	41.2	43.9	46.9
Kochi	35.1	↓	35.8	39.9	44.9	37.2
Kattupalli	62.1	↑	55.6	48.5	62.5	57.8
Tuticorin	31.9	↓	47.4	38.8	21.6	22.9
Krishnapatnam	-		-	43.2	62.8	50.8
Ennore	51.8	↓	53.6	36.6	42.7	47.3
New Mangalore	61.5	↓	85.5	58.9	100.9	72.2
<b>Eastern Region</b>	<b>44.5</b>		<b>45.3</b>	<b>47.0</b>	<b>48.1</b>	<b>45.1</b>
Vizag	57.0	↑	45.4	63.8	57.7	57.4
Kolkata	35.0	↓	43.1	30.7	34.7	31.9
Haldia	63.8	↓	85.2	110.7	89.1	87.6

IMPORT

OADT – Overall Avg Dwell Time: Overall average since the start  
MADT – Monthly Avg Dwell Time: Past five years average of the same month




Indicates decrease/ increase in dwell time from last month

# Dwell Time Performance: Port Export Cycle

	Feb'24 (in hrs)		Jan'24 (in hrs)	Feb'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
<b>Western Region</b>	<b>93.4</b>		<b>87.3</b>	<b>81.7</b>	<b>90.3</b>	<b>90.5</b>
JNPA	70.5	↑	68.1	69.5	72.9	72.3
Mundra	116.8	↑	107.7	98.6	112.9	116.2
Pipavav	101.3	↓	104.6	83.2	126.6	103.8
Kandla	84.7	↓	84.8	98.5	98.7	102.2
Hazira	120.2	↑	112.1	106.9	116.8	122.6
<b>Southern Region</b>	<b>82.8</b>		<b>86.8</b>	<b>83.4</b>	<b>85.1</b>	<b>85.8</b>
Chennai	87.9	↓	92.8	83.9	90.0	88.5
Kochi	101.6	↑	87.1	74.0	87.6	89.4
Kattupalli	82.3	↓	82.6	82.1	92.8	86.5
Tuticorin	64.9	↓	67.3	74.0	64.2	71.4
Krishnapatnam	-		-	54.4	63.2	67.3
Ennore	87.3	↓	105.6	98.4	99.7	97.1
New Mangalore	107.5	↑	80.3	85.1	102.0	113.7
<b>Eastern Region</b>	<b>120.5</b>		<b>108.1</b>	<b>100.0</b>	<b>104.0</b>	<b>102.0</b>
Vizag	98.6	↓	103.0	84.0	91.3	94.4
Kolkata	143.8	↑	119.6	123.9	117.3	107.2
Haldia	168.0	↑	99.4	96.0	110.1	125.8

EXPORT

OADT – Overall Avg Dwell Time: Overall average since the start  
MADT – Monthly Avg Dwell Time: Past five years average of the same month



Indicates decrease/ increase in dwell time from last month

# Dwell Time Performance: CFS/ ICD Import & Export Cycle

		Feb'24 (in hrs)	Jan'24 (in hrs)	Feb'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
CFS (I)	<b>Western Region</b>	<b>84.4</b>	<b>96.3</b>	<b>85.6</b>	<b>90.0</b>	<b>86.3</b>
	JNPA	80.7	92.2	79.8	83.9	81.9
	Mundra	93.6	102.5	90.5	98.1	93.4
	Pipavav	66.4	85.6	78.3	85.0	74.3
	Hazira	75.2	95.5	98.1	104.8	91.6
	<b>Southern Region</b>	<b>103.6</b>	<b>111.5</b>	<b>112.2</b>	<b>112.3</b>	<b>110.3</b>
	Chennai, Ennore, Kattupalli	99.5	111.9	104.9	105.0	104.3
	Kochi	119.5	142.5	115.8	121.0	119.4
	Tuticorin	125.3	97.7	148.4	143.1	138.1
	Krishnapatnam	-	146.4	119.3	123.6	120.5
	<b>Eastern Region</b>	<b>145.9</b>	<b>152.1</b>	<b>130.3</b>	<b>135.4</b>	<b>133.8</b>
	Vizag	135.3	162.3	148.8	156.1	145.4
	Kolkata	150.4	147.2	124.3	129.2	130.3
	Haldia	145.7	168.2	145.2	123.6	135.8
ICD	<b>I Western Region</b>	<b>125.7</b>	<b>143.2</b>	<b>138.1</b>	<b>133.3</b>	<b>133.1</b>
	<b>E Western Region</b>	<b>91.9</b>	<b>103.6</b>	<b>102.0</b>	<b>100.6</b>	<b>99.5</b>

OADT – Overall Avg Dwell Time: Overall average since the start  
MADT – Monthly Avg Dwell Time: Past five years average of the same month

Indicates decrease/ increase in dwell time from last month

# Container Movement Analysis (Import Cycle)

The time taken by the container to move across various nodes based on the container's delivery type (Non-DPD, DPD):

**Non-DPD Containers:**  
Containers getting customs clearance at CFS

Container movement time is the sum of port dwell time, transit time (between port and CFS), and CFS dwell time.

		Container Movement Time			
IMPORT		Feb'24	Jan'24	Feb'23	CY'23
	India	151.9	161.3	147.8	136.1
	Western	108.1	120.7	114.7	114.6
	Southern	156.3	166.5	163.7	166.0
	Eastern	191.4	196.7	165.0	181.8

**DPD Containers:**  
Containers getting customs clearance at the port

Container movement time is the port dwell time of DPD bound containers.

		Container Movement Time			
IMPORT		Feb'24	Jan'24	Feb'23	CY'23
	India	57.9	70.6	51.4	36.0
	Western	21.7	18.7	39.8	27.5
	Southern	68.1	95.6	47.2	44.5
	Eastern	84.0	97.4	67.0	77.4

**Note:**  
All values are in hours

# Container Movement Analysis (Export Cycle)

The time taken by the container to move across various nodes based on the container’s entry type (Non-DPE, DPE):

### Non-DPE Containers:

Containers getting customs clearance at CFS

Container movement time is the sum of CFS dwell time transit time (between port and CFS) and port dwell time.

Container Movement Time					
EXPORT		Feb'24	Jan'24	Feb'23	CY'23
	India	-	188.5	171.0	166.2
	Western	-	157.4	153.4	172.9
	Southern	-	165.1	162.5	120.0
	Eastern	-	243.0	197.0	192.1

### DPE Containers:

Containers getting customs clearance at the Port

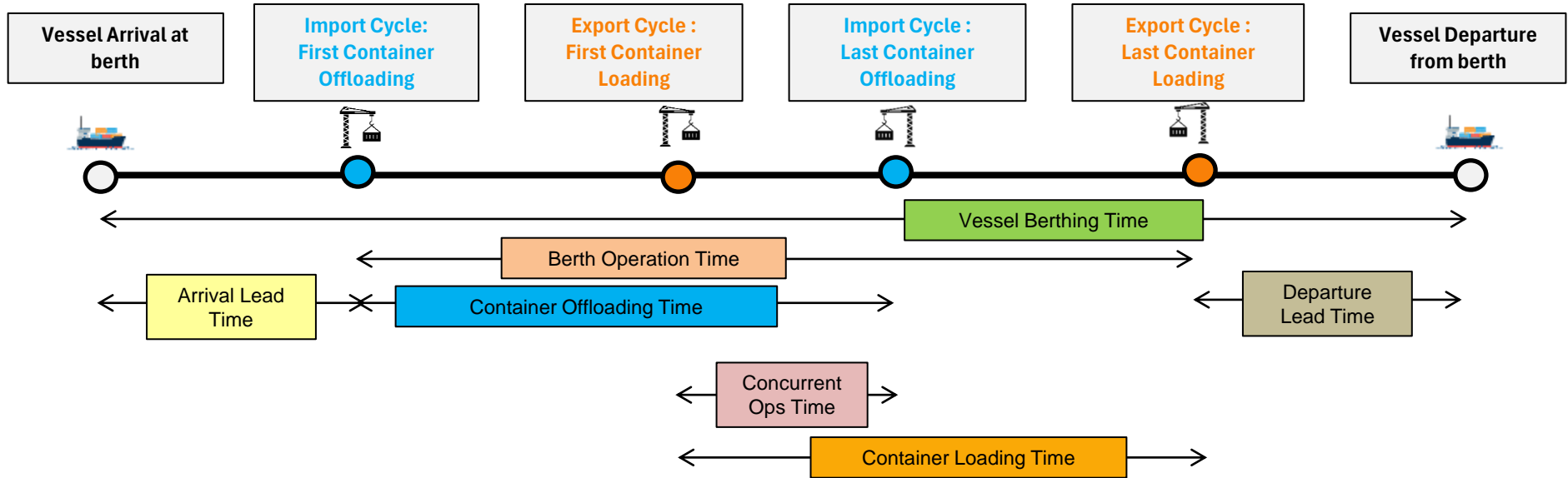
Container movement time is the sum of parking plaza dwell time, transit time (between port and parking plaza), and port dwell time

Container Movement Time					
EXPORT		Feb'24	Jan'24	Feb'23	CY'23
	India	116.0	103.6	94.0	83.8
	Western	82.4	78.2	73.7	80.5
	Southern	112.3	92.6	81.4	86.9
	Eastern*	145.9	132.3	119.4	120.7

All values are in hours

\*Container movement time in the eastern region, we have only considered port dwell time

# Vessel Analysis: PAN India

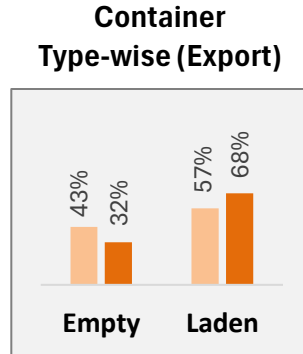
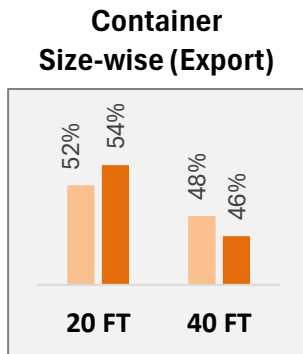
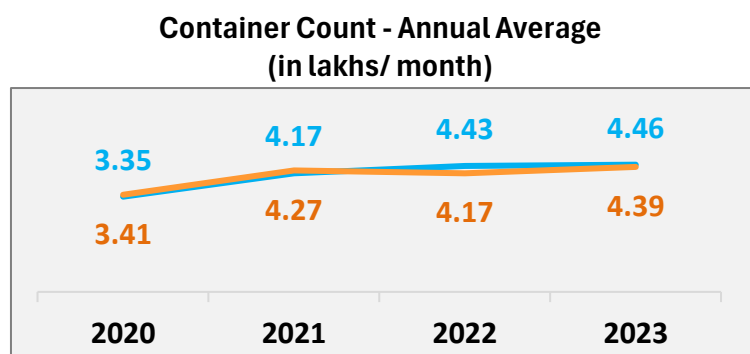
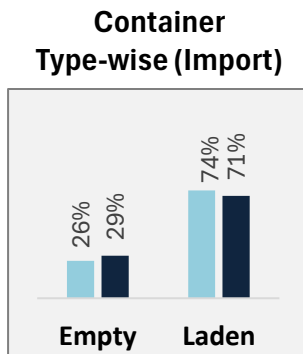
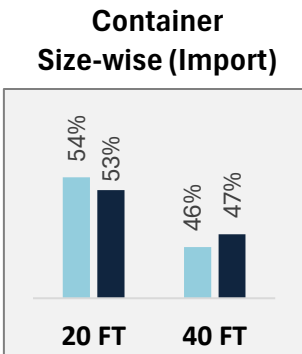
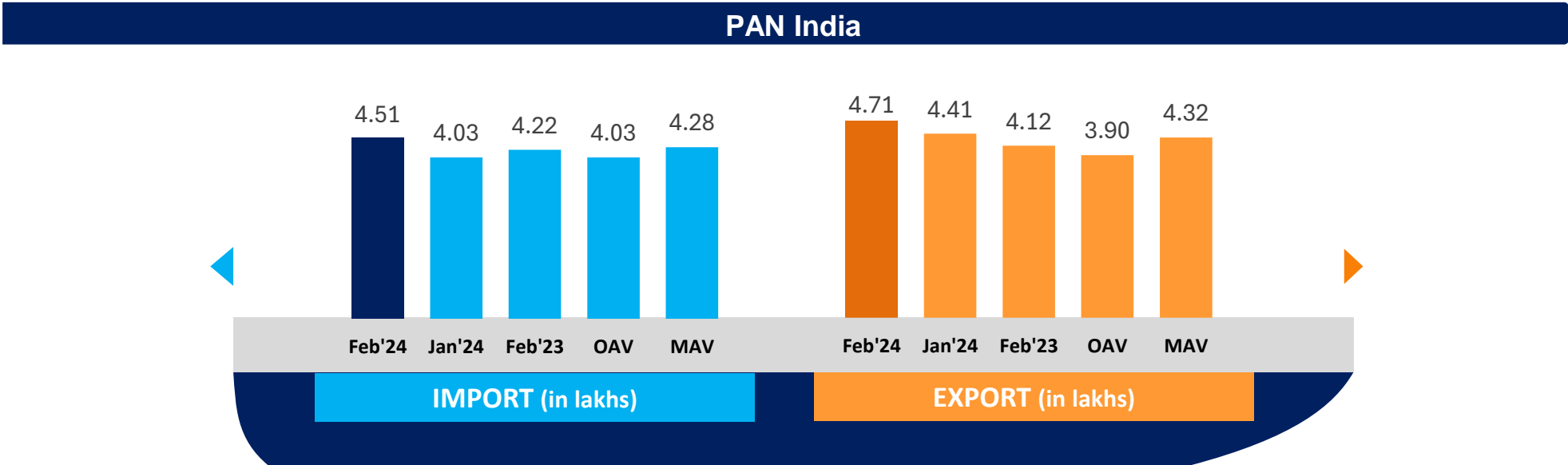


Feb'24	Vessel Berthing Time (in Hrs.)	Arrival Lead Time (in Hrs.)	Offloading Time (Minutes/ Cntr)	Berth Productivity (Minutes/ Cntr)	Loading Time (Minutes/ Cntr)	Concurrent Operations Time (%)	Departure Lead Time (in Hrs.)
India	20.3	2.0	3.0	1.4	2.0	56.2%	1.4
Mundra	23.0	2.4	2.7	1.2	1.4	62.3%	1.1
JNPA	20.5	1.0	2.2	1.3	2.5	61.9%	1.0
Other Western	21.1	2.0	1.8	1.0	2.1	65.0%	1.1
Southern	20.6	1.8	2.4	1.4	2.1	42.6%	1.6
Eastern	16.0	6.8	6.3	4.3	5.2	48.7%	3.4



# Container Count: PAN India

The container count (no. of boxes) across PAN India for different time frames:



Jan'24 (light blue), Feb'24 (dark blue)

IMPORT (light blue), EXPORT (orange)

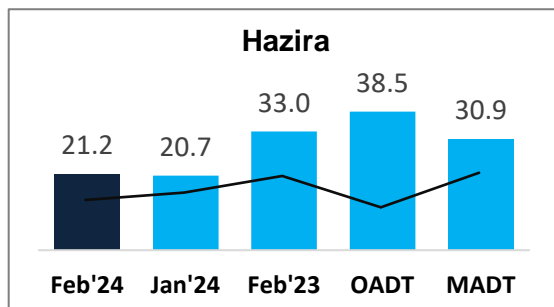
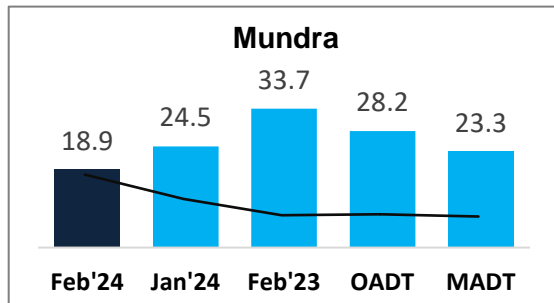
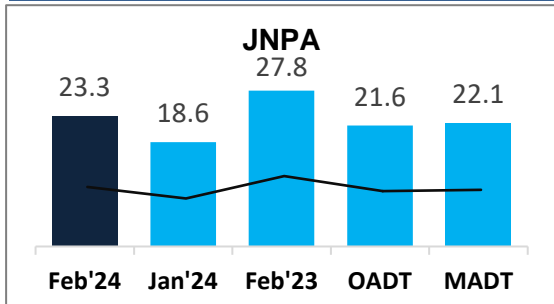
Jan'24 (light orange), Feb'24 (dark orange)

OAV – Overall Avg Volume: Overall average since the start  
 MAV – Monthly Avg Volume: Past five years average of the same month

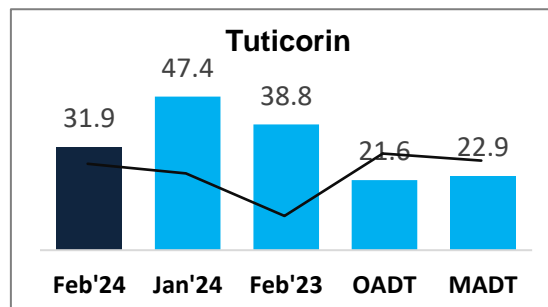
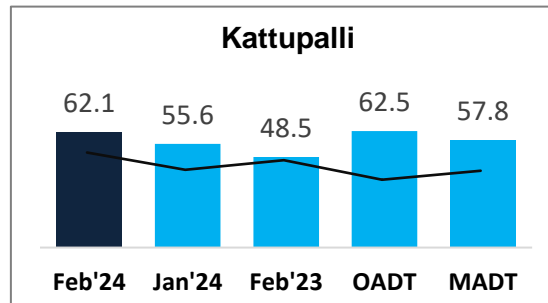
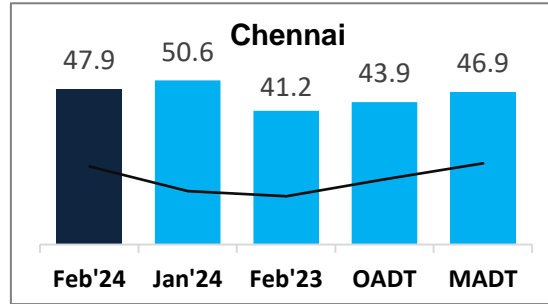
# Port Performance Comparison (Import Cycle)

The port dwell time performance across various time frames:

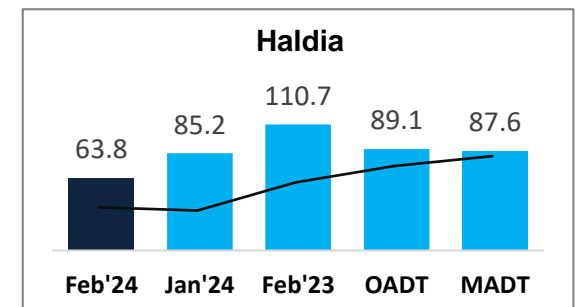
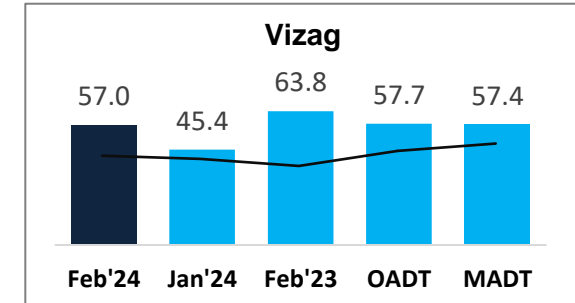
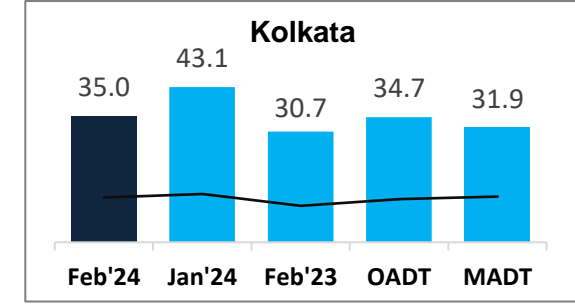
## Western Region (Container count share 70.9%)



## Southern Region (Container count share 21.7%)



## Eastern Region (Container count share 7.4%)



— The line represents the trend of the average container count (no. of boxes)

**Note:**

All values are in hours

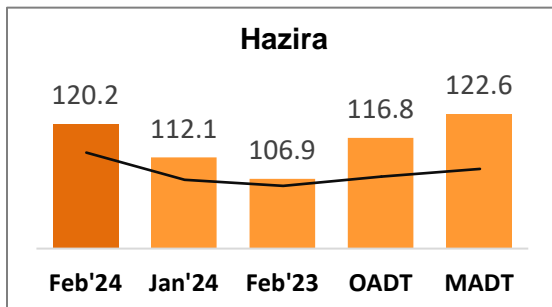
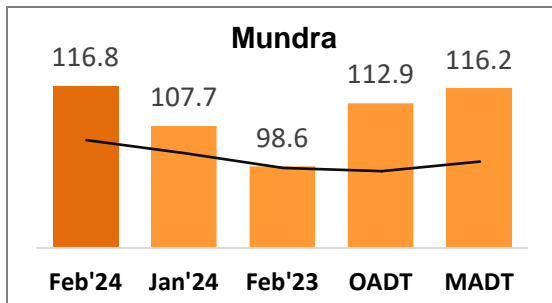
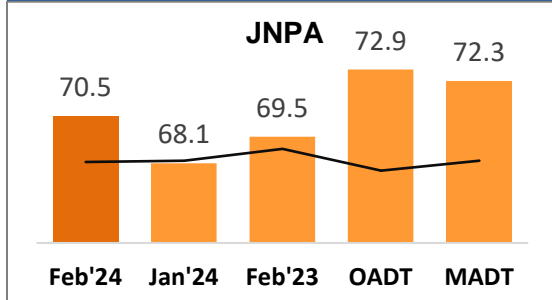
Top 3 ports of the region based on container count are showcased

OADT – Overall Avg Dwell Time: Overall average since the start  
MADT – Monthly Avg Dwell Time: Past five years average of the same month

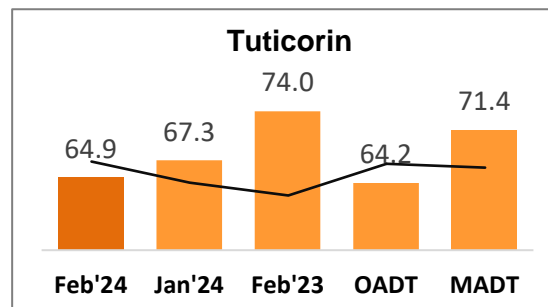
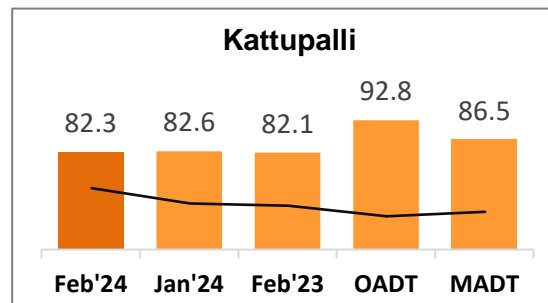
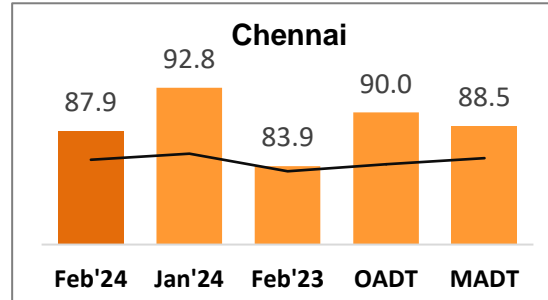
# Port Performance Comparison (Export Cycle)

The port dwell time performance across various time frames:

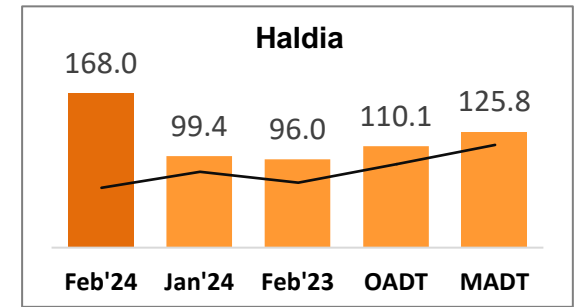
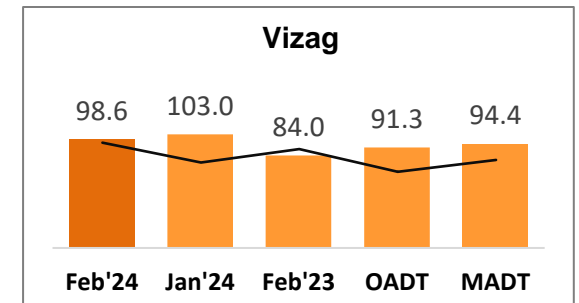
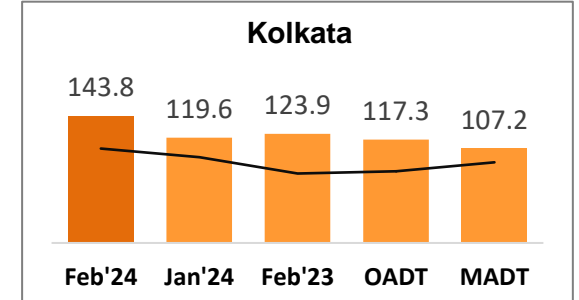
## Western Region (Container count share 69.1%)



## Southern Region (Container count share 22.4%)



## Eastern Region (Container count share 8.5%)



The line represents the trend of the average container count (no. of boxes)

OADT – Overall Avg Dwell Time: Overall average since the start  
MADT – Monthly Avg Dwell Time: Past five years average of the same month

**Note:**

All values are in hours  
Top 3 ports of the region based on container count are showcased

# Performance Benchmarking: PAN India Terminals

Performance benchmarking of the terminals based on the dwell time vis-à-vis containers (no. of boxes) handled:



	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	5.4%
B	Adani Hazira Port Private Limited (AHPPL)	3.2%
C	Adani International Container Terminal (AICTPL)	9.8%
D	Adani Mundra Container Terminal (AMCT)	6.4%
E	Bharat Mumbai Container Terminals(PSA)	10.7%
F	Gateway Terminals India (GTI)	10.5%
G	APM Terminals Pipavav, Gujarat	2.1%
H	Nhava Sheva Freeport Terminal (NSFT)	1.8%
I	Mundra International Container Terminal (MICT)	7.9%
J	Nhava Sheva India Gateway Terminal (NSIGT)	3.9%
K	Nhava Sheva International Container Terminal (NSICT)	4.4%
L	Kandla International Container Terminal (KICT)	0.6%
M	Adani Mundra Container Terminal-2 (AMCT-2)	3.3%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.0%
O	Chennai International Terminals Pvt Ltd (CITPL)	4.3%
P	Dakshin Bharat Gateway Terminal (DBGT)	3.1%
Q	International Container Transhipment Terminal, Kochi	1.9%
R	Adani Kattupalli Port Private Limited (AKPPL)	4.3%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)	1.1%
U	Adani Ennore Container Terminal	3.4%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	0.4%
X	Kolkata Dock System (KDS) , Kolkata Port	3.9%
Y	Visakha Container Terminal	3.6%

Star Performer ★★ ★

Entities with high container count and low dwell time

High Potential ★★

Entities with low container count and low dwell time

Slow Bulk Movers ★★

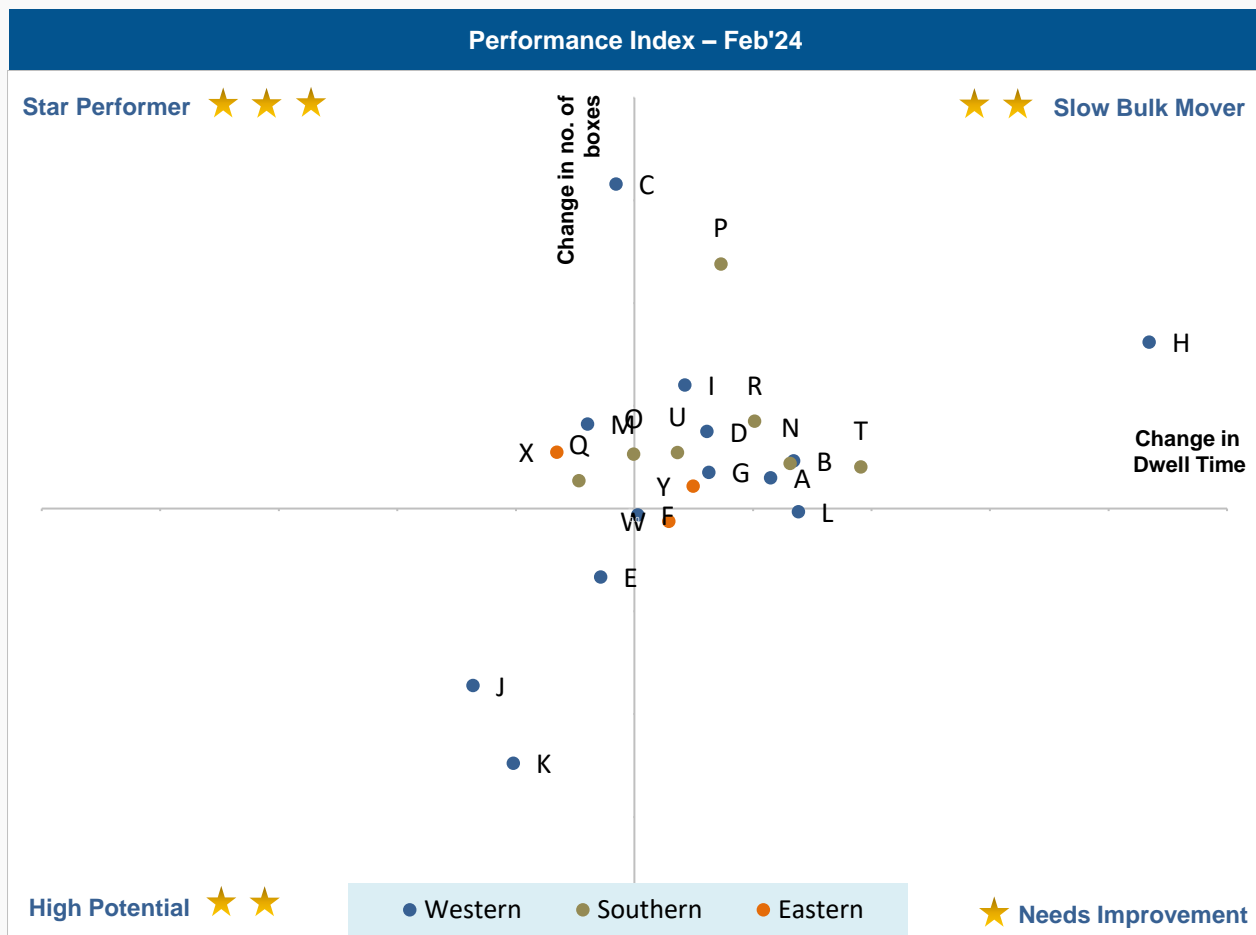
Entities with high container count and high dwell time

Needs Improvement ★

Entities with low container count and high dwell time

# Performance Benchmarking (Previous year same month): PAN India Terminals

Performance benchmarking of the terminals based on the change from the previous year same month in dwell time vis-a-vis containers (no. of boxes) handled :



X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	5.4%
B	Adani Hazira Port Private Limited (AHPPL)	3.2%
C	Adani International Container Terminal (AICTPL)	9.8%
D	Adani Mundra Container Terminal (AMCT)	6.4%
E	Bharat Mumbai Container Terminals(PSA)	10.7%
F	Gateway Terminals India (GTI)	10.5%
G	APM Terminals Pipavav, Gujarat	2.1%
H	Nhava Sheva Freeport Terminal (NSFT)	1.8%
I	Mundra International Container Terminal (MICT)	7.9%
J	Nhava Sheva India Gateway Terminal (NSIGT)	3.9%
K	Nhava Sheva International Container Terminal (NSICT)	4.4%
L	Kandla International Container Terminal (KICT)	0.6%
M	Adani Mundra Container Terminal-2 (AMCT-2)	3.3%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.0%
O	Chennai International Terminals Pvt Ltd (CITPL)	4.3%
p	Dakshin Bharat Gateway Terminal (DBGT)	3.1%
Q	International Container Transhipment Terminal, Kochi	1.9%
R	Adani Kattupalli Port Private Limited (AKPPL)	4.3%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)	1.1%
U	Adani Ennore Container Terminal	3.4%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	0.4%
X	Kolkata Dock System (KDS) , Kolkata Port	3.9%
Y	Visakha Container Terminal	3.6%

Star Performer ★★ ★

Entities with improved dwell time performance and an increase in containers (no. of boxes) handled

High Potential ★★

Entities with improved dwell time performance and a decrease in containers (no. of boxes) handled

Slow Bulk Movers ★★

Entities with a decline in dwell time performance and an increase in containers (no. of boxes) handled

Needs Improvement ★

Entities with a decline in dwell time performance and decrease in containers (no. of boxes) handled

# Performance Benchmarking (Capacity & Dwell time): PAN India Terminals

Performance benchmarking of the terminals based on the dwell time vis-a-vis capacity (in TEU):



X-Axis: Dwell Time

Y-Axis: TEU Capacity

	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	5.4%
B	Adani Hazira Port Private Limited (AHPPL)	3.2%
C	Adani International Container Terminal (AICTPL)	9.8%
D	Adani Mundra Container Terminal (AMCT)	6.4%
E	Bharat Mumbai Container Terminals(PSA)	10.7%
F	Gateway Terminals India (GTI)	10.5%
G	APM Terminals Pipavav, Gujarat	2.1%
H	Nhava Sheva Freeport Terminal (NSFT)	1.8%
I	Mundra International Container Terminal (MICT)	7.9%
J	Nhava Sheva India Gateway Terminal (NSIGT)	3.9%
K	Nhava Sheva International Container Terminal (NSICT)	4.4%
L	Kandla International Container Terminal (KICT)	0.6%
M	Adani Mundra Container Terminal-2 (AMCT-2)	3.3%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.0%
O	Chennai International Terminals Pvt Ltd (CITPL)	4.3%
P	Dakshin Bharat Gateway Terminal (DBGT)	3.1%
Q	International Container Transhipment Terminal, Kochi	1.9%
R	Adani Kattupalli Port Private Limited (AKPPL)	4.3%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)	1.1%
U	Adani Ennore Container Terminal	3.4%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	0.4%
X	Kolkata Dock System (KDS) , Kolkata Port	3.9%
Y	Visakha Container Terminal	3.6%

Star Performer ★★ ★★ ★★★★★

Entities with high TEU capacity and low dwell time

High Potential ★★ ★

Entities with low TEU capacity and low dwell time

Slow Bulk Movers ★★ ★

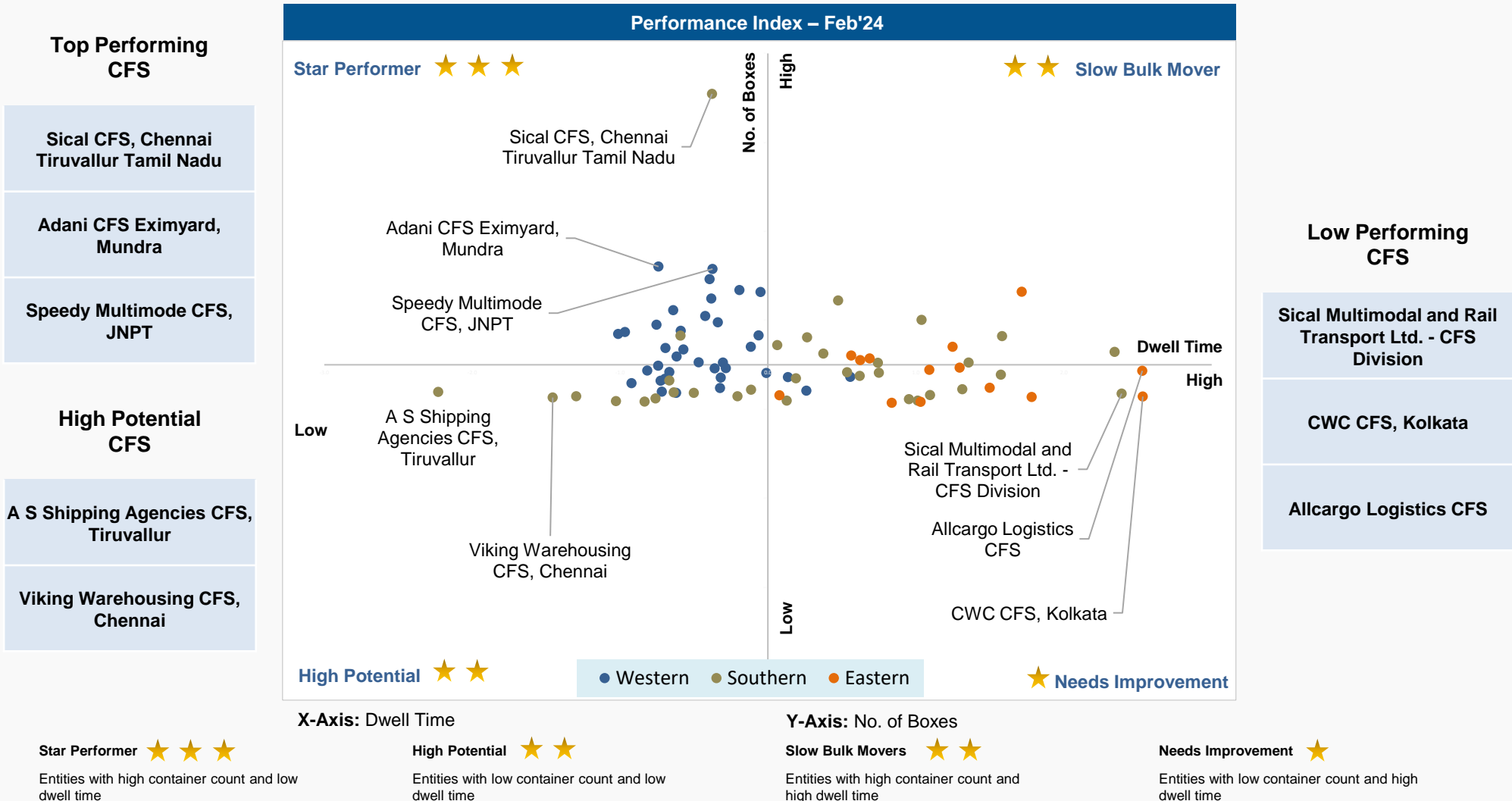
Entities with high TEU capacity and high dwell time

Needs Improvement ★

Entities with low TEU capacity and high dwell time

# Performance Benchmarking: PAN India CFSs

Performance benchmarking of the CFSs based on the dwell time vis-a-vis containers (no. of boxes) handled:



# Dwell Time Performance: Domestic Containers

Domestic containers dwell time performance across various terminals:

Terminals	Dwell time for handling domestic containers			Overall domestic containers distribution among terminals	
	Dwell Time			Container Distribution	
	Jan'24 (in hrs)	Feb'24 (in hrs)		Jan'24 (%)	Feb'24 (%)
International Container Transshipment Terminal, Kochi	62.5	57.3	↓	32.5%	30.2%
Visakha Container Terminal	43.4	56.8	↑	14.1%	15.7%
PSA SICAL Terminals	82.7	68.8	↓	7.4%	10.1%
Bharat Mumbai Container Terminals(PSA)	9.1	12.4	↑	8.2%	8.3%
Mangalore Container Terminal Private Limited (MCTPL)	73.3	82.4	↑	7.9%	5.8%
Nhava Sheva India Gateway Terminal (NSIGT)	47.3	73.5	↑	1.7%	5.4%
Chennai Container Terminal Pvt. Ltd. (CCTL)	118.2	125.2	↑	4.2%	4.8%
Kandla International Container Terminal (KICT)	114.2	218.0	↑	4.4%	3.7%
Chennai International Terminals Pvt Ltd (CITPL)	56.6	59.7	↑	4.4%	3.6%
Dakshin Bharat Gateway Terminal (DBGT)	50.1	51.5	↑	3.7%	3.4%
Nhava Sheva International Container Terminal (NSICT)	44.3	46.9	↑	3.1%	3.2%
Kolkata Dock System (KDS) , Kolkata Port	55.0	51.2	↓	4.7%	3.2%
Haldia International Container Terminal (HICT)	120.0	179.1	↑	3.7%	2.6%

Terminal handling highest domestic containers

↓ ↑ Indicates decrease/ increase in dwell time from last month

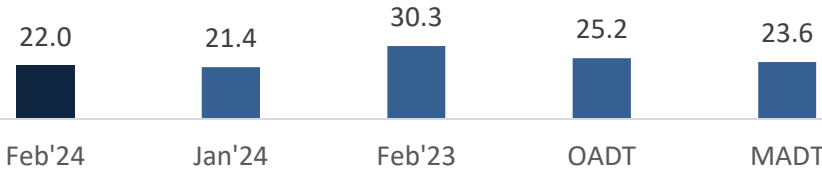


# 02 WESTERN REGION PERFORMANCE



# Dwell Time Performance: Western Region Import Cycle

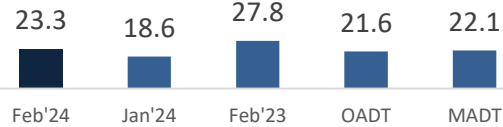
## Western Region



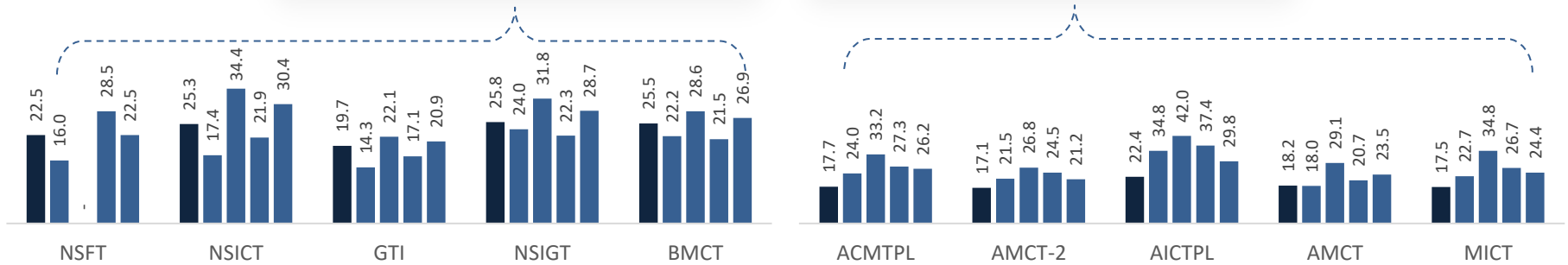
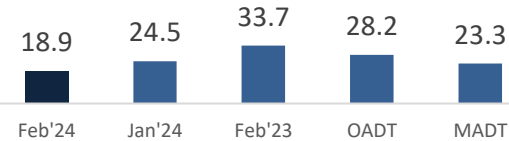
**PAN India  
Import Dwell Time  
28.9 Hrs.  
(Feb'24)**

IMPORT

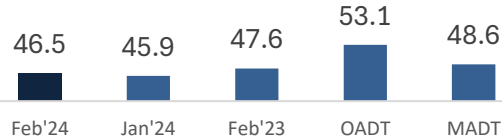
### JNPA



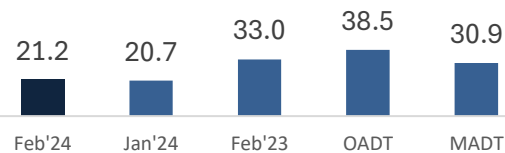
### Mundra



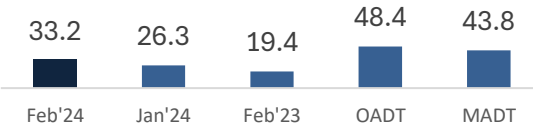
### Pipavav



### Hazira



### Kandla

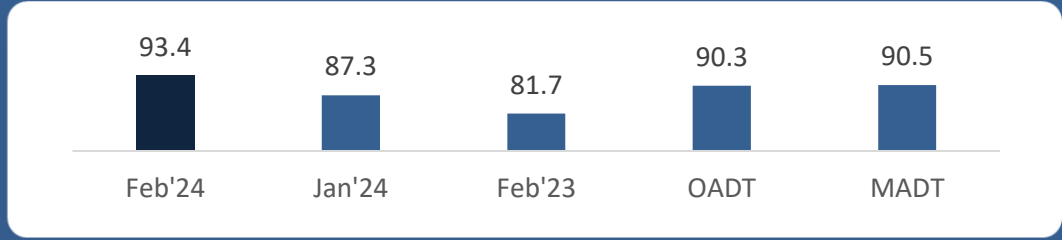


OADT – Overall Avg Dwell Time: Overall average since the start  
MADT – Monthly Avg Dwell Time: Past five years average of the same month

**Note:**  
All values are in hours

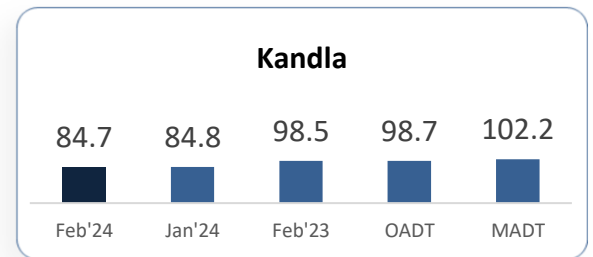
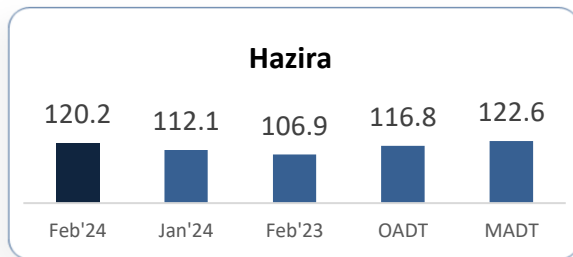
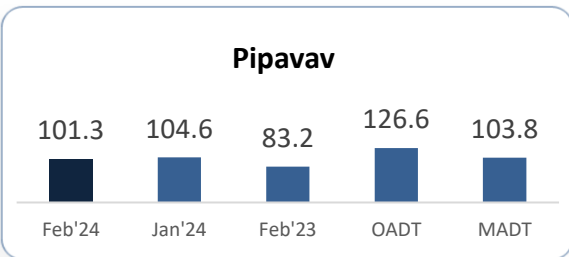
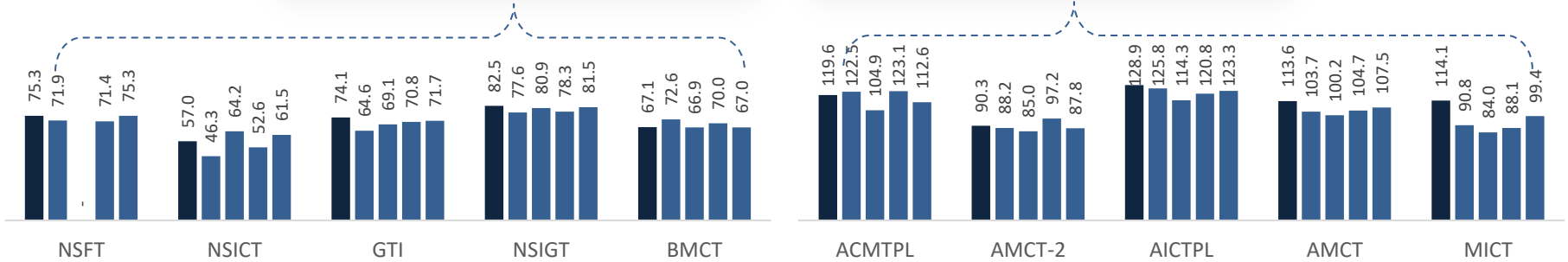
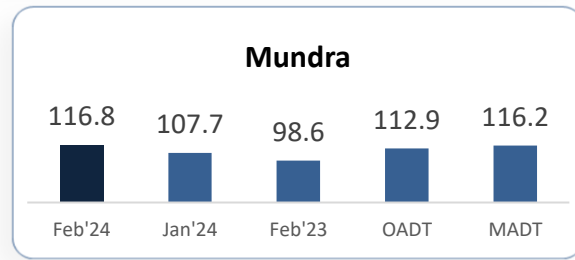
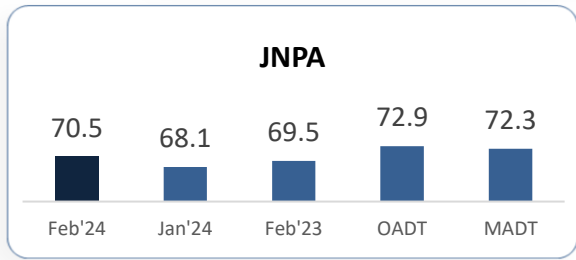
# Dwell Time Performance: Western Region Export Cycle

## Western Region



PAN India  
Export Dwell Time  
**92.4 Hrs.**  
(Feb'24)

EXPORT

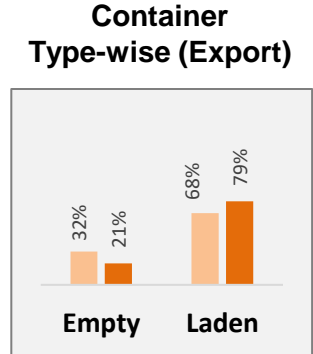
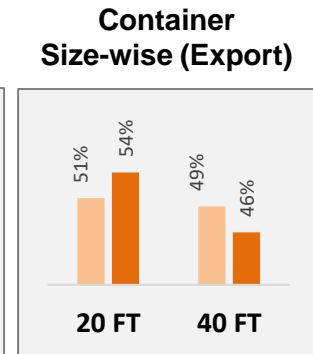
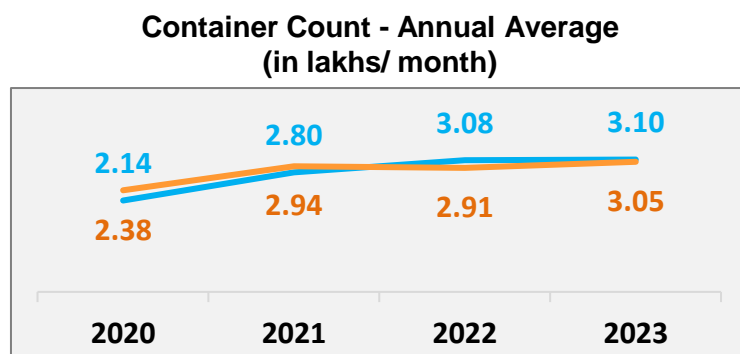
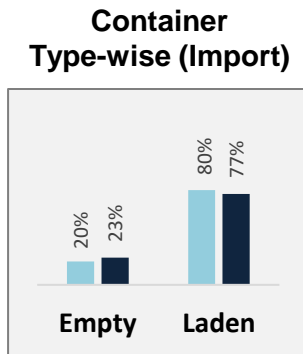
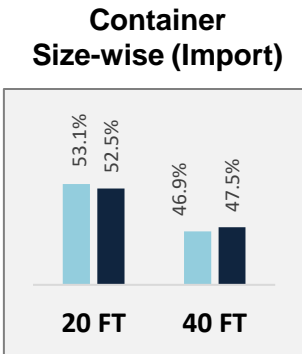
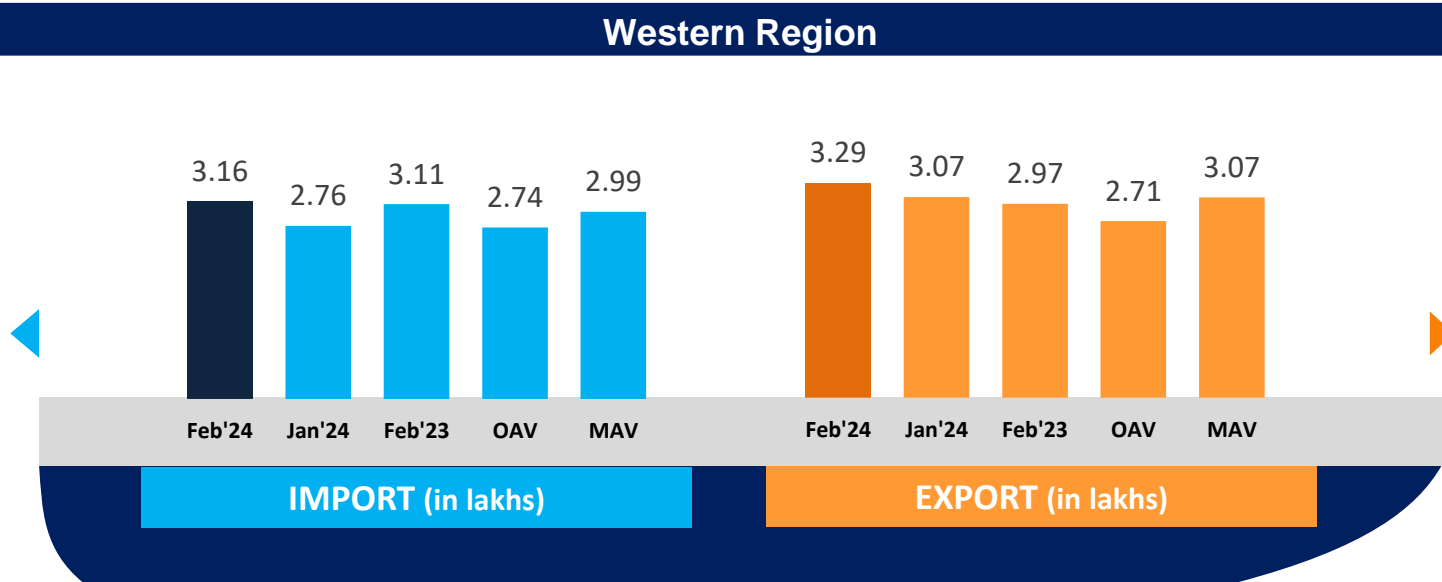


OADT – Overall Avg Dwell Time: Overall average since the start  
MADT – Monthly Avg Dwell Time: Past five years average of the same month

**Note:**  
All values are in hours

# Container Count: Western Region

The container count (no. of boxes) across western region for different time frames:



■ Jan'24    ■ Feb'24    ■ IMPORT    ■ EXPORT    ■ Jan'24    ■ Feb'24

OAV – Overall Avg Volume: Overall average since the start  
 MAV – Monthly Avg Volume: Past five years average of the same month

# Container Turnaround Analysis: Western Region

Container turnaround analysis showcase the percentage of container volume (number of boxes) retained by the respective ports. This analyzes the number of containers getting imported and exported from the same port along with the time taken by them to complete the cycle.

Port In (Import Cycle)	Port Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		Feb'24	Jan'24	Feb'23	Feb'24	Jan'24	Feb'23
JNPA	JNPA	100%	95%	96%	27.2	28.1	26.1
	Other Ports	-	5%	4%	-	58.2	53.6
Mundra	Mundra	100%	94%	97%	37.6	37.1	30.9
	Other Ports	-	6%	3%	-	53.4	55.6
Hazira	Hazira	100%	97%	97%	30.1	30.7	35.4
	Other Ports	-	3%	3%	-	76.5	55.2
Kandla	Kandla	75%	84%	62%	62.1	61.0	76.9
	Mundra	25%	15%	37%	29.3	72.3	67.9
	Other Ports	-	1%	1%	-	68.2	35.0
Pipavav	Mundra	55%	45%	54%	45.6	45.2	45.4
	Pipavav	45%	52%	42%	31.9	32.0	35.6
	Other Ports	-	4%	4%	-	47.2	51.4

# Container Turnaround Analysis: JNPA Port

Container turnaround analysis showcase the percentage of container volume (number of boxes) retained by the respective terminals of the port. This analyzes the number of containers getting imported and exported from the same terminal along with the time taken by them to complete the cycle.

Port Terminal In (Import Cycle)	Port Terminal Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		Feb'24	Jan'24	Feb'23	Feb'24	Jan'24	Feb'23
Bharat Mumbai Container Terminals(PSA)	Bharat Mumbai Container Terminals(PSA)	44%	41%	43%	29.1	25.8	22.2
	Gateway Terminals India (GTI)	27%	29%	25%	28.7	24.9	26.1
	Nhava Sheva Freeport Terminal (NSFT)	4%	-	-	39.4	-	-
	Nhava Sheva India Gateway Terminal (NSIGT)	11%	15%	13%	21.7	24.0	25.8
	Nhava Sheva International Container Terminal (NSICT)	14%	15%	19%	31.4	26.5	27.1
Gateway Terminals India (GTI)	Bharat Mumbai Container Terminals(PSA)	27%	28%	29%	25.6	26.9	23.8
	Gateway Terminals India (GTI)	47%	52%	42%	22.3	24.4	24.2
	Nhava Sheva Freeport Terminal (NSFT)	5%	-	-	27.8	-	-
	Nhava Sheva India Gateway Terminal (NSIGT)	9%	8%	11%	25.2	28.2	23.6
	Nhava Sheva International Container Terminal (NSICT)	12%	12%	18%	29.2	28.2	30.2
Nhava Sheva Freeport Terminal (NSFT)	Bharat Mumbai Container Terminals(PSA)	28%	27%	14%	99.0	65.3	97.7
	Gateway Terminals India (GTI)	32%	38%	40%	84.3	60.6	107.0
	Nhava Sheva Freeport Terminal (NSFT)	14%	-	-	84.7	-	-
	Nhava Sheva India Gateway Terminal (NSIGT)	12%	12%	1%	73.0	68.3	104.6
	Nhava Sheva International Container Terminal (NSICT)	14%	23%	45%	115.4	87.8	107.5
Nhava Sheva India Gateway Terminal (NSIGT)	Bharat Mumbai Container Terminals(PSA)	26%	31%	18%	31.6	35.7	28.1
	Gateway Terminals India (GTI)	18%	17%	20%	26.1	31.9	25.9
	Nhava Sheva Freeport Terminal (NSFT)	7%	-	-	24.2	-	-
	Nhava Sheva India Gateway Terminal (NSIGT)	34%	45%	49%	26.8	29.1	28.3
	Nhava Sheva International Container Terminal (NSICT)	15%	7%	13%	29.7	41.7	38.2
Nhava Sheva International Container Terminal (NSICT)	Bharat Mumbai Container Terminals(PSA)	26%	27%	26%	28.7	38.1	30.5
	Gateway Terminals India (GTI)	31%	23%	28%	28.8	39.2	31.7
	Nhava Sheva Freeport Terminal (NSFT)	4%	-	-	46.3	-	-
	Nhava Sheva India Gateway Terminal (NSIGT)	6%	13%	10%	55.8	39.0	26.3
	Nhava Sheva International Container Terminal (NSICT)	33%	37%	36%	36.7	37.5	29.4

# Container Turnaround Analysis: Mundra Port

Container turnaround analysis showcase the percentage of container volume (number of boxes) retained by the respective terminals of the port. This analyzes the number of containers getting imported and exported from the same terminal along with the time taken by them to complete the cycle.

Port Terminal In (Import Cycle)	Port Terminal Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		Feb'24	Jan'24	Feb'23	Feb'24	Jan'24	Feb'23
Adani CMA Mundra Terminal (ACMTPL)	Adani CMA Mundra Terminal (ACMTPL)	56%	60%	46%	35.3	38.4	35.7
	Adani International Container Terminal (AICTPL)	1%	3%	1%	58.8	32.2	34.9
	Adani Mundra Container Terminal (AMCT)	24%	22%	34%	32.6	35.6	37.6
	Adani Mundra Container Terminal -2	5%	6%	3%	28.5	33.7	31.2
	Mundra International Container Terminal (MICT)	14%	9%	16%	31.7	28.3	24.0
Adani International Container Terminal (AICTPL)	Adani CMA Mundra Terminal (ACMTPL)	1%	1%	2%	44.3	51.3	25.5
	Adani International Container Terminal (AICTPL)	87%	86%	82%	50.4	50.5	30.4
	Adani Mundra Container Terminal (AMCT)	4%	5%	8%	38.1	37.3	28.2
	Adani Mundra Container Terminal -2	4%	3%	4%	46.8	40.7	26.2
	Mundra International Container Terminal (MICT)	4%	5%	4%	44.0	48.0	34.1
Adani Mundra Container Terminal (AMCT)	Adani CMA Mundra Terminal (ACMTPL)	23%	27%	26%	37.2	37.3	40.3
	Adani International Container Terminal (AICTPL)	6%	9%	4%	31.1	23.5	29.2
	Adani Mundra Container Terminal (AMCT)	44%	40%	54%	30.6	30.7	31.1
	Adani Mundra Container Terminal -2	17%	15%	9%	26.8	30.9	32.1
	Mundra International Container Terminal (MICT)	10%	9%	7%	35.8	30.7	46.6
Adani Mundra Container Terminal -2	Adani CMA Mundra Terminal (ACMTPL)	14%	17%	10%	32.1	36.1	35.6
	Adani International Container Terminal (AICTPL)	12%	11%	7%	26.6	25.2	21.7
	Adani Mundra Container Terminal (AMCT)	31%	31%	28%	26.6	33.7	33.2
	Adani Mundra Container Terminal -2	27%	27%	38%	39.0	35.5	27.4
	Mundra International Container Terminal (MICT)	16%	14%	17%	29.4	37.4	42.3
Mundra International Container Terminal (MICT)	Adani CMA Mundra Terminal (ACMTPL)	7%	6%	4%	32.8	41.1	26.3
	Adani International Container Terminal (AICTPL)	8%	11%	3%	45.4	50.9	42.2
	Adani Mundra Container Terminal (AMCT)	13%	14%	13%	33.0	27.9	29.7
	Adani Mundra Container Terminal -2	4%	4%	6%	56.7	57.7	49.4
	Mundra International Container Terminal (MICT)	68%	65%	74%	37.1	32.2	25.7

# Western Region Performance

## Container Lifecycle (Import Cycle)

### Port Dwell Time – Import Cycle

IMPORT		Jan'24 (in hrs)	Feb'24 (in hrs)	
	<b>Truck</b>	16.6	17.9	↑
	<b>Train</b>	56.8	48.5	↓
	<b>Overall</b>	<b>21.4</b>	<b>22.0</b>	↑

### CFS/ ICD Dwell Time – Import Cycle

CFS/ ICD		Jan'24 (in hrs)	Feb'24 (in hrs)	
	<b>CFS</b>	96.3	84.4	↓
	<b>ICD</b>	143.2	125.7	↓

EXPORT		Jan'24 (in hrs)	Feb'24 (in hrs)	
	<b>Truck</b>	81.2	87.1	↑
	<b>Train</b>	117.2	128.0	↑
	<b>Overall</b>	<b>87.3</b>	<b>93.4</b>	↑

CFS/ ICD		Jan'24 (in hrs)	Feb'24 (in hrs)	
	<b>CFS</b>	-	-	
	<b>ICD</b>	103.6	91.9	↓

### Port Dwell Time – Export Cycle

### CFS/ ICD Dwell Time – Export Cycle

## Container Lifecycle (Export Cycle)

Indicates decrease/ increase in dwell time from last month



# Performance Benchmarking: Terminal wise

Performance benchmarking of the terminals based on the dwell time vis-à-vis containers (no. of boxes) handled:

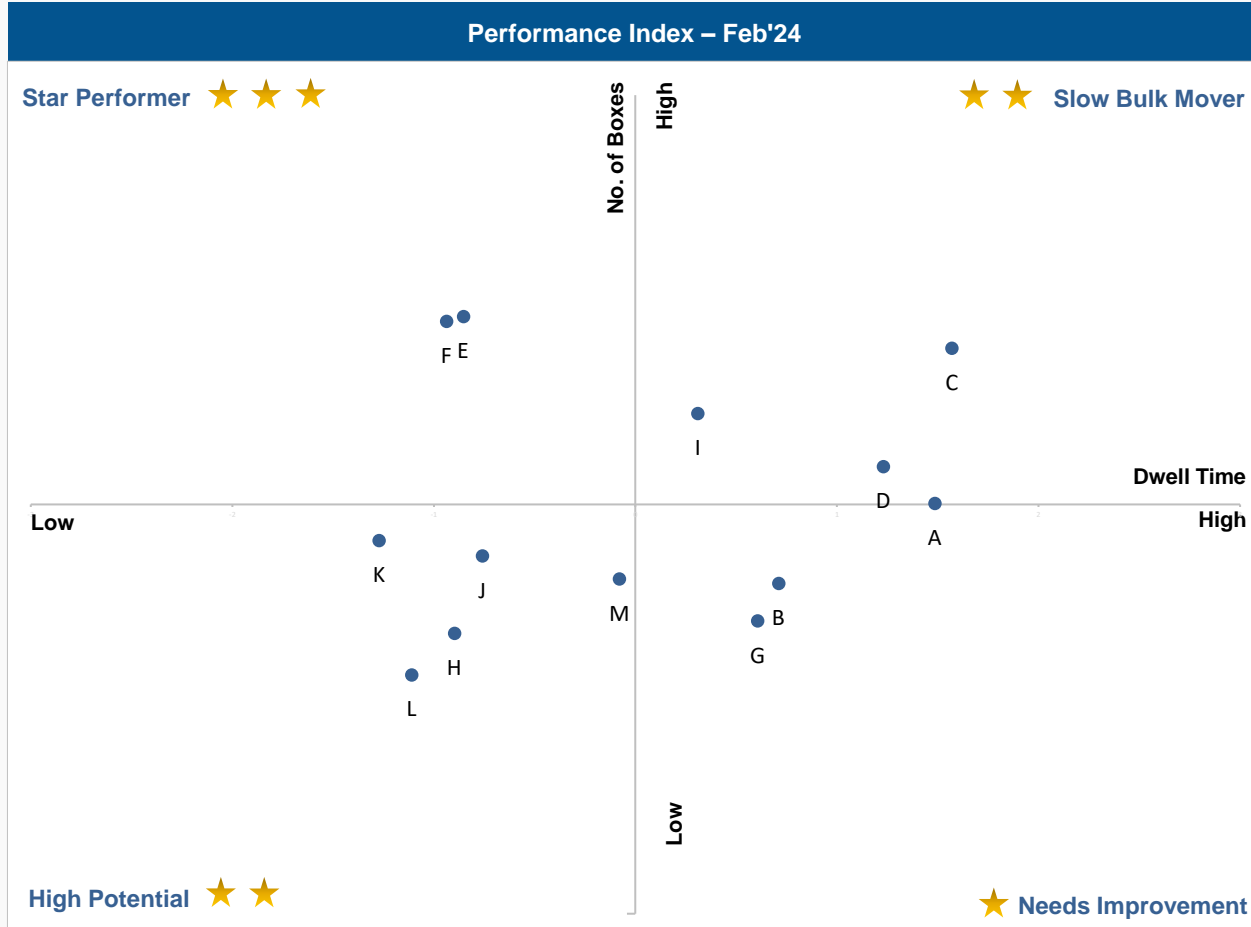


Abb.	Name of Terminal
A	Adani CMA Mundra Terminal (ACMTPL)
B	Adani Hazira Port Private Limited (AHPPL)
C	Adani International Container Terminal (AICTPL)
D	Adani Mundra Container Terminal (AMCT)
E	Bharat Mumbai Container Terminals(PSA)
F	Gateway Terminals India (GTI)
G	APM Terminals Pipavav, Gujarat
H	Nhava Sheva Freeport Terminal (NSFT)
I	Mundra International Container Terminal (MICT)
J	Nhava Sheva India Gateway Terminal (NSIGT)
K	Nhava Sheva International Container Terminal (NSICT)
L	Kandla International Container Terminal (KICT)
M	Adani Mundra Container Terminal-2 (AMCT-2)

X-Axis: Dwell Time

Y-Axis: No. of Boxes

# Performance Benchmarking (Previous year same month): Terminal wise

Performance benchmarking of the terminals based on the change from the previous year same month in dwell time vis-a-vis containers (no. of boxes) handled :



X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

Abb.	Name of Terminal
A	Adani CMA Mundra Terminal (ACMTPL)
B	Adani Hazira Port Private Limited (AHPPL)
C	Adani International Container Terminal (AICTPL)
D	Adani Mundra Container Terminal (AMCT)
E	Bharat Mumbai Container Terminals(PSA)
F	Gateway Terminals India (GTI)
G	APM Terminals Pipavav, Gujarat
H	Nhava Sheva Freeport Terminal (NSFT)
I	Mundra International Container Terminal (MICT)
J	Nhava Sheva India Gateway Terminal (NSIGT)
K	Nhava Sheva International Container Terminal (NSICT)
L	Kandla International Container Terminal (KICT)
M	Adani Mundra Container Terminal-2 (AMCT-2)

# Performance Benchmarking (Capacity & Dwell time): Terminal wise

Performance benchmarking of the terminals based on the dwell time vis-a-vis capacity (in TEU):



Abb.	Name of Terminal
A	Adani CMA Mundra Terminal (ACMTPL)
B	Adani Hazira Port Private Limited (AHPPL)
C	Adani International Container Terminal (AICTPL)
D	Adani Mundra Container Terminal (AMCT)
E	Bharat Mumbai Container Terminals(PSA)
F	Gateway Terminals India (GTI)
G	APM Terminals Pipavav, Gujarat
H	Nhava Sheva Freeport Terminal (NSFT)
I	Mundra International Container Terminal (MICT)
J	Nhava Sheva India Gateway Terminal (NSIGT)
K	Nhava Sheva International Container Terminal (NSICT)
L	Kandla International Container Terminal (KICT)
M	Adani Mundra Container Terminal-2 (AMCT-2)

X-Axis: Dwell Time

Y-Axis: TEU Capacity

# CFS Performance Benchmarking: Western Region

Performance benchmarking of the CFSs based on the dwell time vis-a-vis containers (no. of boxes) handled:

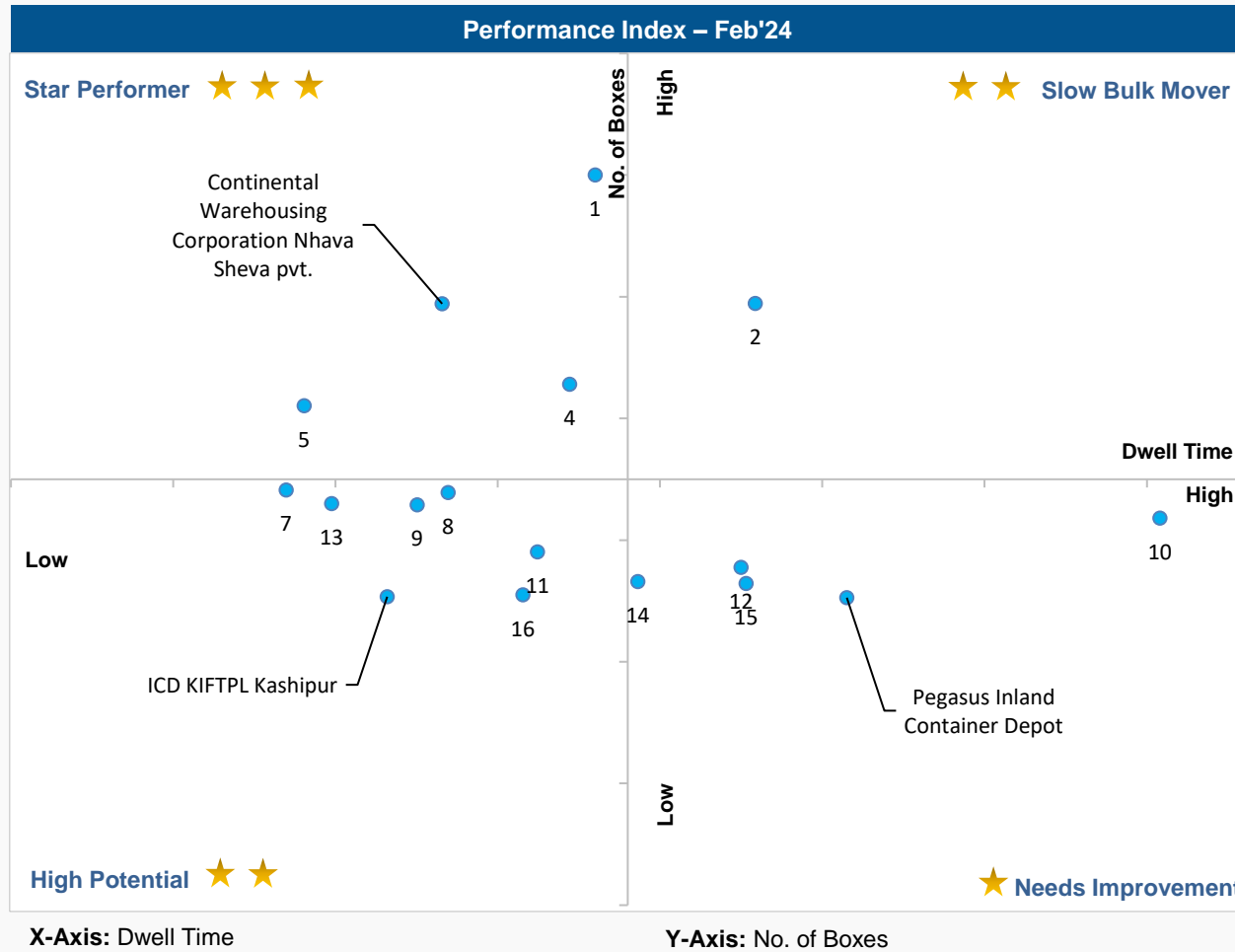


**Note:**

Please refer annexure for CFS names

# ICD Performance Benchmarking: Western Region

Performance benchmarking of the ICDs based on the dwell time vis-a-vis containers (no. of boxes) handled:



**Note:**  
Please refer annexure for ICD names

# JNPA Port Performance

## Port Dwell Time – Import Cycle

		Jan'24 (in hrs)	Feb'24 (in hrs)	
IMPORT	<b>Truck</b>	15.7	20.1	↑
	<b>Train</b>	43.6	51.5	↑
	<b>Overall</b>	<b>18.6</b>	<b>23.3</b>	↑

## Transit Time – Import Cycle

		Jan'24 (in hrs)	Feb'24 (in hrs)	
	<b>Port to CFS</b>	2.17	2.35	↑
	<b>Port to ICD</b>	110.3	104.6	↓

## CFS/ ICD Dwell Time – Import Cycle

		Jan'24 (in hrs)	Feb'24 (in hrs)	
CFS/ ICD	<b>CFS</b>	92.2	80.7	↓
	<b>ICD</b>	143.2	125.7	↓

		Jan'24 (in hrs)	Feb'24 (in hrs)	
EXPORT	<b>Truck</b>	66.3	68.5	↑
	<b>Train</b>	79.6	86.7	↑
	<b>Overall</b>	<b>68.1</b>	<b>70.5</b>	↑

		Jan'24 (in hrs)	Feb'24 (in hrs)	
	<b>CFS to Port</b>	3.17	4.05	↑
	<b>ICD to Port</b>	103.8	103.5	↓

		Jan'24 (in hrs)	Feb'24 (in hrs)	
CFS/ ICD	<b>CFS</b>	-	-	
	<b>ICD</b>	103.6	91.9	↓

## Port Dwell Time – Export Cycle

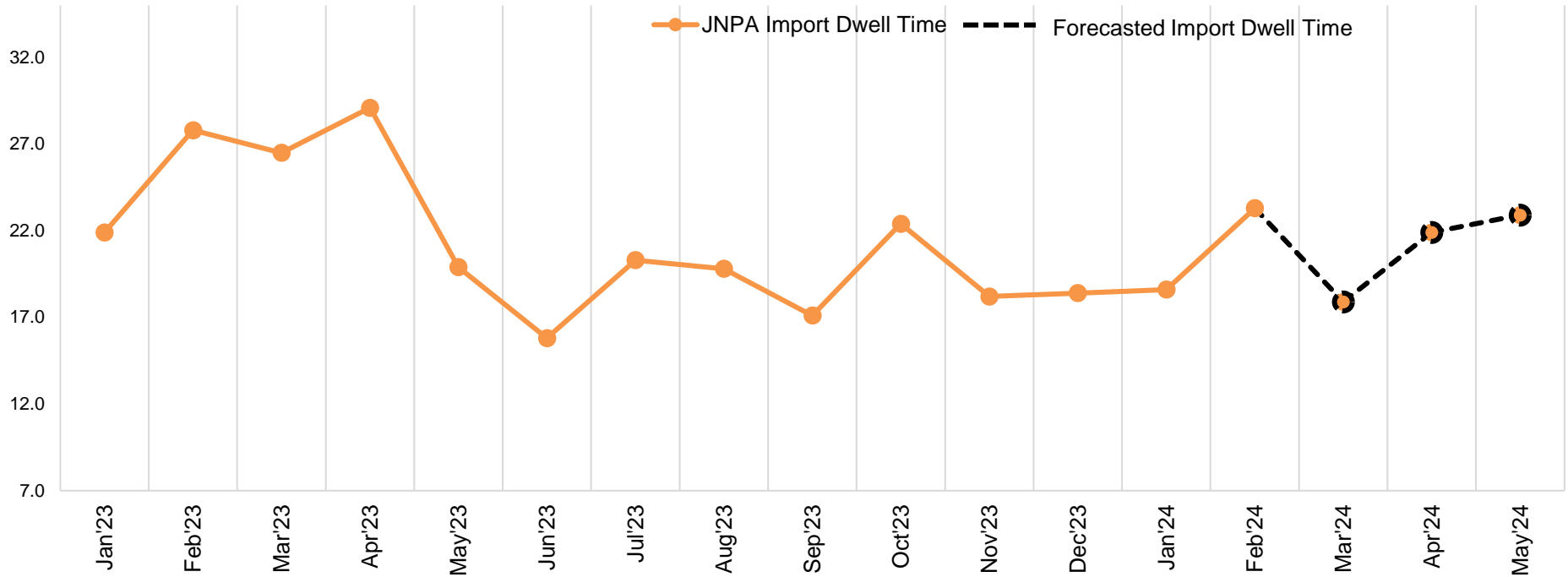
## Transit Time – Export Cycle

## CFS/ ICD Dwell Time – Export Cycle

## Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

# Predictive Analysis: JNPA Port



\*Basis global benchmark, minimum dwell time of 7 hours is considered



Dec'23      Jan'24      **Feb'24**      Mar'24      Apr'24      May'24



**Actual Dwell Time (in hours)**

18.4      18.6      23.3      -      -      -

**Forecasted Dwell Time (in hours)**

16.2      15.6      16.3      17.9      21.9      22.9

**Note:**  
All values are in hours

# JNPA Port Performance

	Particulars		Feb'24 (in hrs)	Jan'24 (in hrs)
	Import Cycle	Dwell Time	Overall Dwell Time	23.3
Truck Bound Containers			20.1	15.7
Train Bound Containers			51.5	43.6
Direct Port Delivery (DPD) containers			30.0	20.5
Containers bound for CFS			18.1	15.0
Empty Containers			29.5	27.1
Laden Containers			22.3	17.7
Transit Time		Port to ICD	104.6	110.3
		Port to CFS	2.35	2.17
	Particulars		Feb'24 (in hrs)	Jan'24 (in hrs)
	Export Cycle	Overall Dwell Time	70.5	68.1
Truck Bound Containers		68.5	66.3	
Train Bound Containers		86.7	79.6	
Direct Port Entry (DPE) containers		74.7	70.5	
Containers bound from CFS		69.2	66.2	
Empty Containers		66.4	62.4	
Laden Containers		72.6	72.3	
Transit Time	ICD to Port	103.5	103.8	
	CFS to Port	4.05	3.17	



# Parking Plaza Analysis: JNPA Port

The analysis showcase the waiting time of containers at parking plaza and transit time between parking plaza exit and port entry:

Parking Plaza Dwell Time	Jan'24 (in hrs)	Feb'24 (in hrs)
Gate in - Gate Out	5.10	5.08

Container Count Percentage: Hour-wise (Feb'24 )

	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	12%	33%	33%	15%	5%	2%

Parking Plaza to JNPA Port	Jan'24 (in hrs)	Feb'24 (in hrs)
Gate Out – Terminal In	0.57	1.00

Container Count Percentage: Hour-wise (Feb'24 )

Parking Plaza to Port Terminal	Within 1 hrs	Within 1-2 hrs	Within 2-3 hrs	Within 3-4 hrs	Within 4-5 hrs	More than 5 hrs
NSFT	12%	46%	15%	19%	4%	4%
NSICT	3%	30%	9%	7%	21%	30%
GTI	81%	17%	1%	1%	0%	0%
NSIGT	43%	31%	13%	8%	1%	4%
BMCT	5%	22%	8%	14%	14%	37%

Port Terminal	Jan'24 (in hrs)	Feb'24 (in hrs)
NSFT	-	1.8
NSICT	2.8	4.2
GTI	0.5	0.6
NSIGT	1.1	1.1
BMCT	2.2	4.0

# Mundra Port Performance

## Port Dwell Time – Import Cycle

	Jan'24 (in hrs)	Feb'24 (in hrs)	
<b>Truck</b>	15.5	12.9	↓
<b>Train</b>	69.7	46.6	↓
<b>Overall</b>	<b>24.5</b>	<b>18.9</b>	↓

## Transit Time – Import Cycle

	Jan'24 (in hrs)	Feb'24 (in hrs)	
<b>Port to CFS</b>	0.79	0.86	↑
<b>Port to ICD</b>	67.3	66.5	↓

## CFS/ ICD Dwell Time – Import Cycle

	Jan'24 (in hrs)	Feb'24 (in hrs)	
<b>CFS</b>	102.5	93.6	↓
<b>ICD</b>	143.2	125.7	↓

	Jan'24 (in hrs)	Feb'24 (in hrs)	
<b>Truck</b>	98.4	107.4	↑
<b>Train</b>	142.8	148.6	↑
<b>Overall</b>	<b>107.7</b>	<b>116.8</b>	↑

	Jan'24 (in hrs)	Feb'24 (in hrs)	
<b>CFS to Port</b>	-	-	
<b>ICD to Port</b>	73.6	79.1	↑

	Jan'24 (in hrs)	Feb'24 (in hrs)	
<b>CFS</b>	-	-	
<b>ICD</b>	103.6	91.9	↓

## Port Dwell Time – Export Cycle

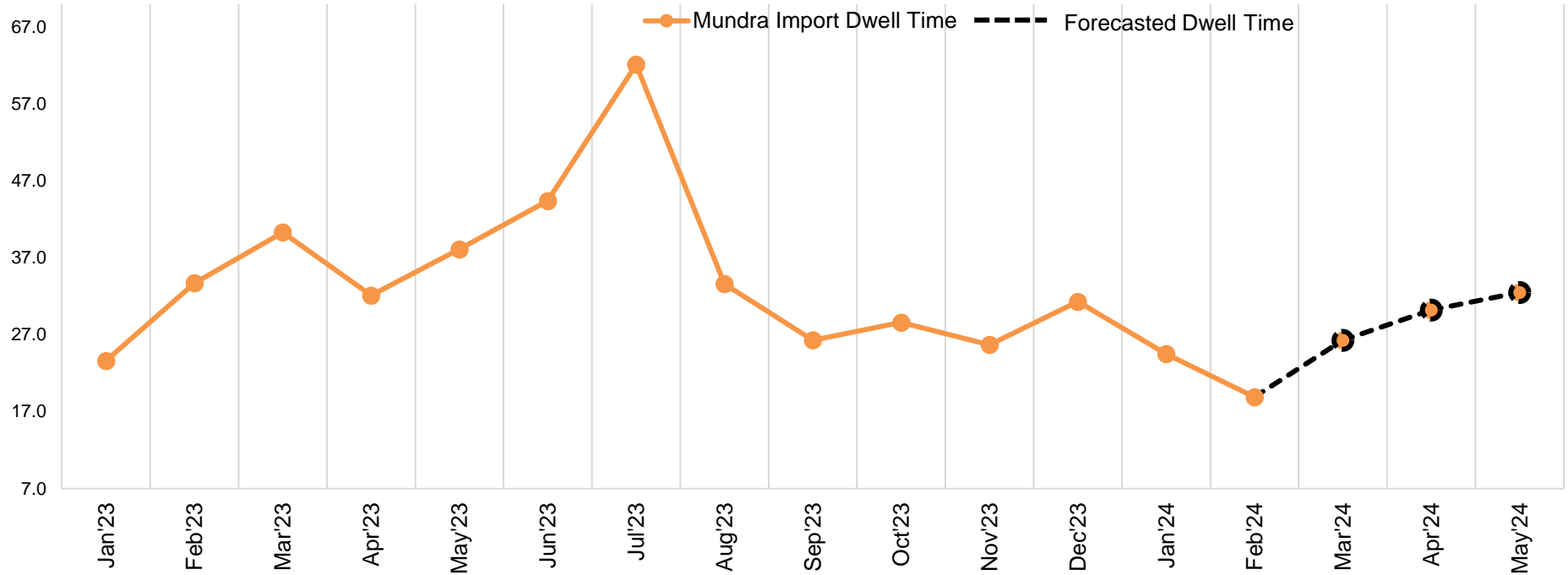
## Transit Time – Export Cycle

## CFS/ ICD Dwell Time – Export Cycle

## Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

# Predictive Analysis: Mundra Port



\*Basis global benchmark, minimum dwell time of 7 hours is considered



	Dec'23	Jan'24	Feb'24	Mar'24	Apr'24	May'24
<b>Actual Dwell Time (in hours)</b>	31.3	24.5	18.9	-	-	-
<b>Forecasted Dwell Time (in hours)</b>	25.1	21.9	23.4	26.3	30.2	32.5

**Note:**  
All values are in hours

# Pipavav Port Performance

## Port Dwell Time – Import Cycle

IMPORT	Jan'24 (in hrs)	Feb'24 (in hrs)	
	Overall	45.9	46.5

## CFS/ ICD Dwell Time – Import Cycle

CFS/ ICD	Jan'24 (in hrs)	Feb'24 (in hrs)	
	CFS	85.6	66.4

EXPORT	Jan'24 (in hrs)	Feb'24 (in hrs)	
	Overall	104.6	101.3

CFS/ ICD	Jan'24 (in hrs)	Feb'24 (in hrs)	
	CFS	-	-

## Port Dwell Time – Export Cycle

## CFS/ ICD Dwell Time – Export Cycle

## Container Lifecycle (Export Cycle)

Indicates decrease/ increase in dwell time from last month

# Kandla Port Performance

## Container Lifecycle (Import Cycle)

### Port Dwell Time – Import Cycle

IMPORT	Jan'24 (in hrs)	Feb'24 (in hrs)	
	Overall	26.3	33.2

EXPORT	Jan'24 (in hrs)	Feb'24 (in hrs)	
	Overall	84.8	84.7

### Port Dwell Time – Export Cycle

## Container Lifecycle (Export Cycle)

↓ ↑ Indicates decrease/ increase in dwell time from last month

# Hazira Port Performance

## Port Dwell Time – Import Cycle

IMPORT	Jan'24 (in hrs)	Feb'24 (in hrs)	
	Overall	20.7	21.2

## CFS/ ICD Dwell Time – Import Cycle

CFS/ ICD	Jan'24 (in hrs)	Feb'24 (in hrs)	
	CFS	95.5	75.2

EXPORT	Jan'24 (in hrs)	Feb'24 (in hrs)	
	Overall	112.1	120.2

CFS/ ICD	Jan'24 (in hrs)	Feb'24 (in hrs)	
	CFS	-	-

## Port Dwell Time – Export Cycle

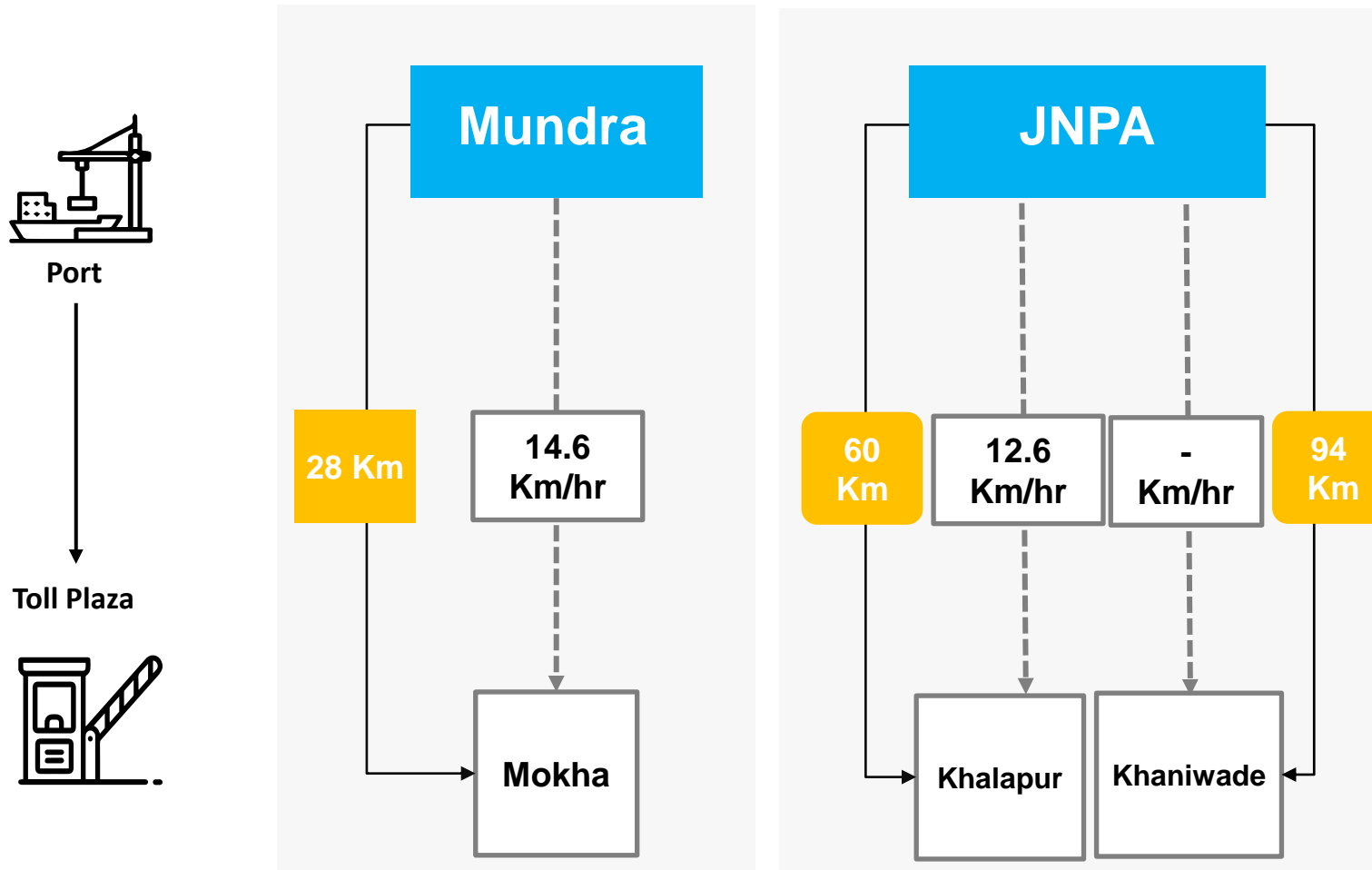
## CFS/ ICD Dwell Time – Export Cycle

## Container Lifecycle (Export Cycle)

Indicates decrease/ increase in dwell time from last month

# Port to Toll Plaza Transit Analysis: Western Region

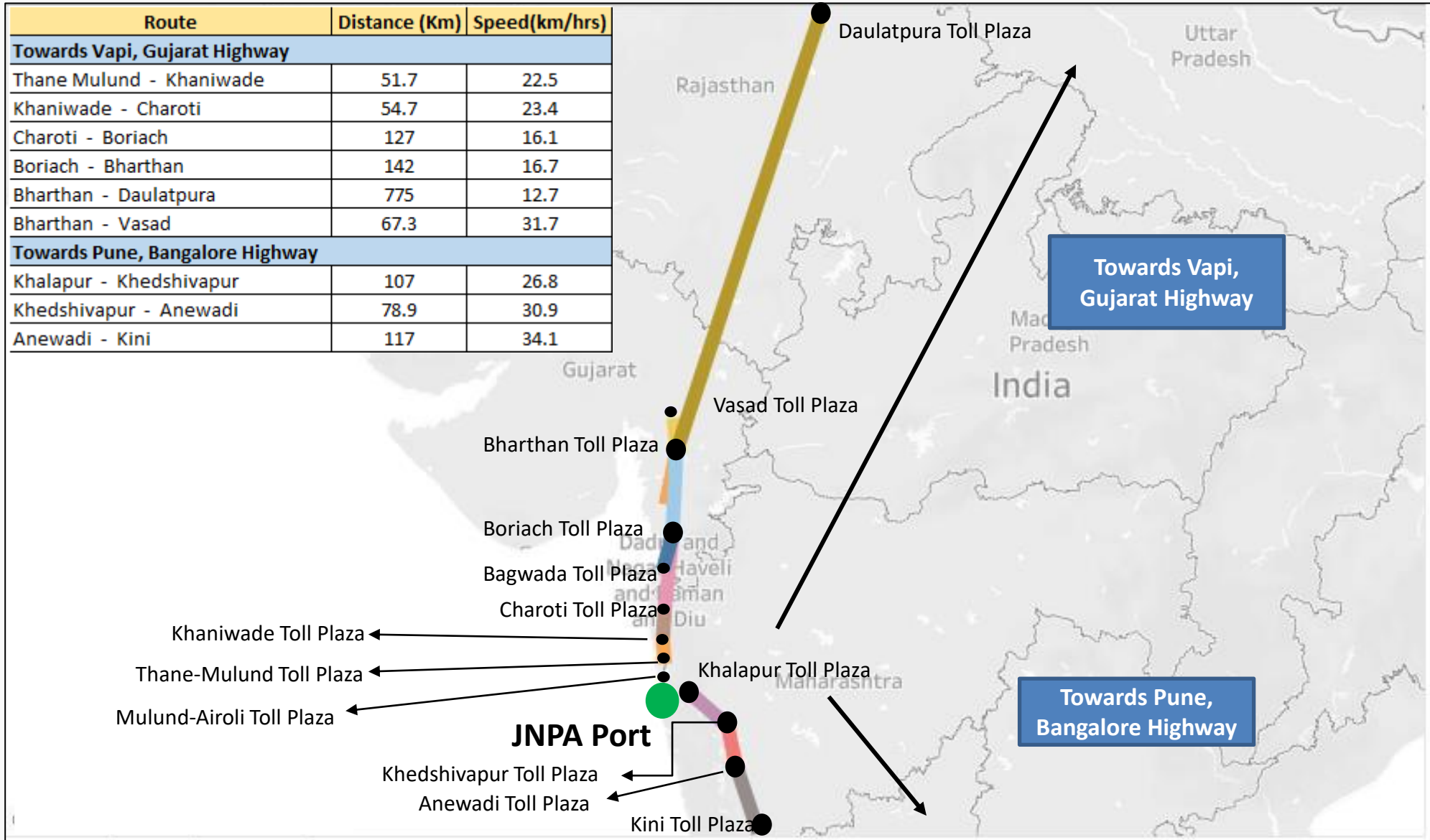
Average speed of trucks to cover the distance between Port to the nearest Toll Plaza for February 2024:



# Toll Plaza Analysis: JNPA Port

The average speed of trucks to cover the distance between adjacent toll plazas for February 2024:

Route	Distance (Km)	Speed(km/hrs)
<b>Towards Vapi, Gujarat Highway</b>		
Thane Mulund - Khaniwade	51.7	22.5
Khaniwade - Charoti	54.7	23.4
Charoti - Boriach	127	16.1
Boriach - Bharthan	142	16.7
Bharthan - Daulatpura	775	12.7
Bharthan - Vasad	67.3	31.7
<b>Towards Pune, Bangalore Highway</b>		
Khalapur - Khedshivapur	107	26.8
Khedshivapur - Anewadi	78.9	30.9
Anewadi - Kini	117	34.1

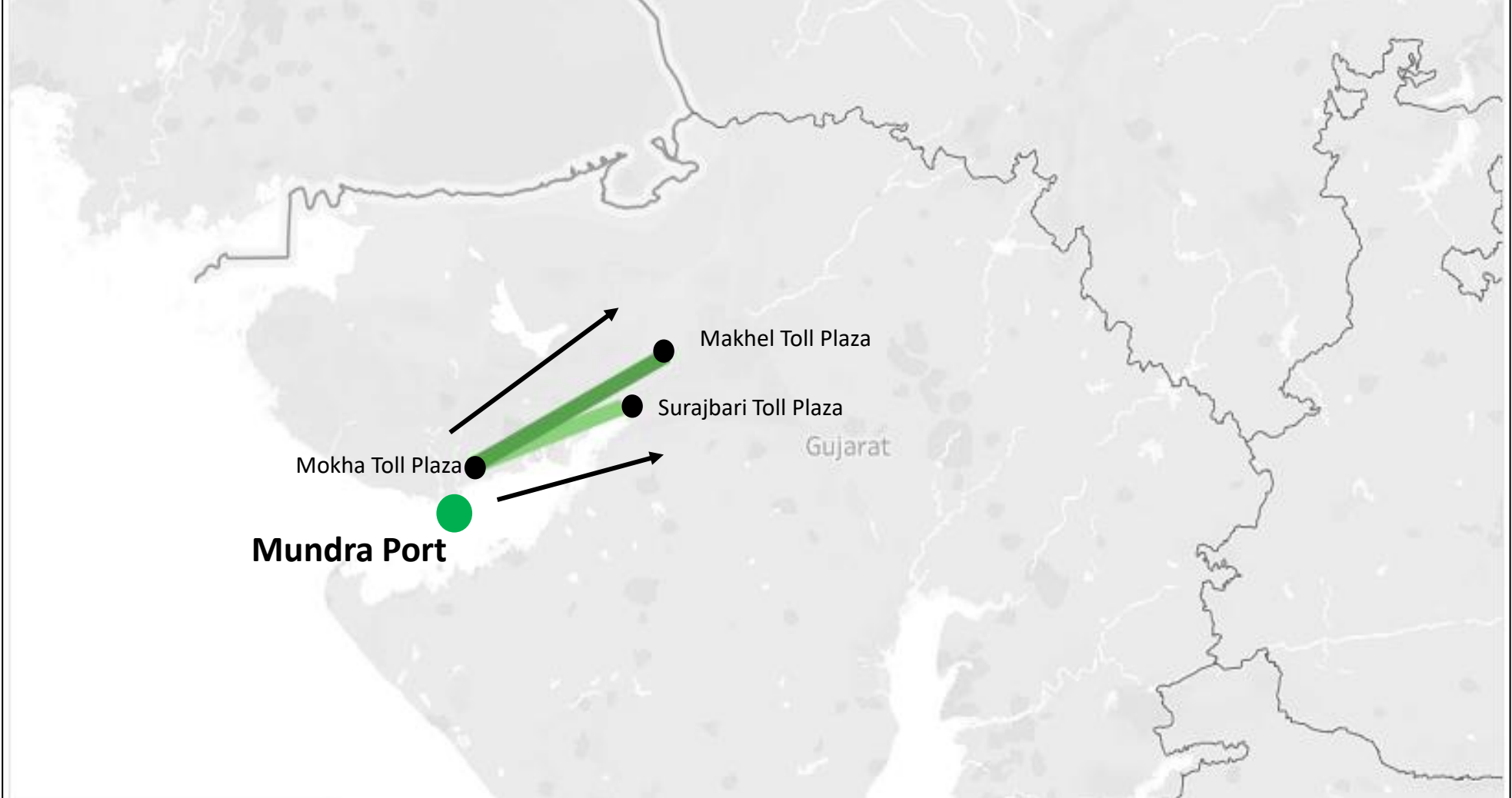




# Toll Plaza Analysis: Mundra Port

The average speed of trucks to cover the distance between adjacent toll plazas for February 2024:

Route	Distance (Km)	Speed(km/hrs)
Mokha - Makhel	150	17.1
Mokha - Surajbari	115	10.2



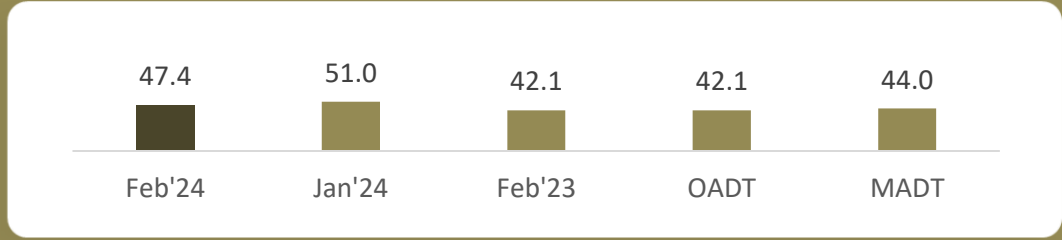
03

# SOUTHERN REGION PERFORMANCE



# Dwell Time Performance: Southern Region Import Cycle

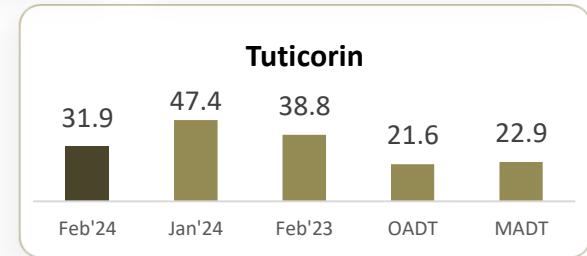
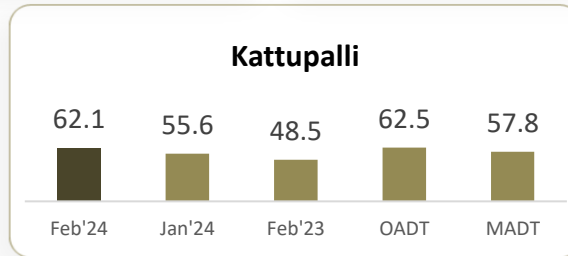
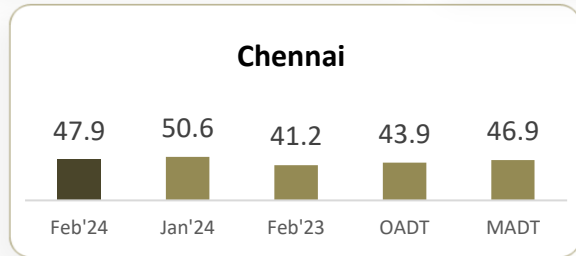
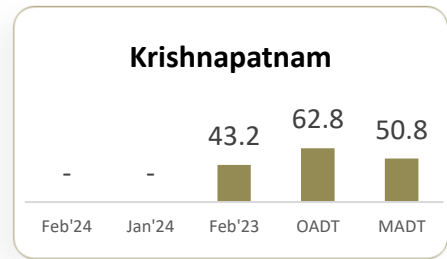
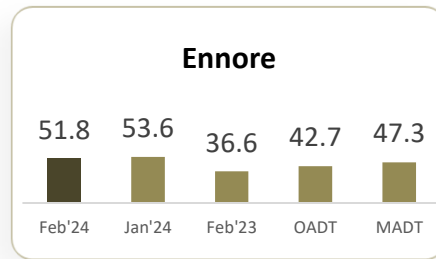
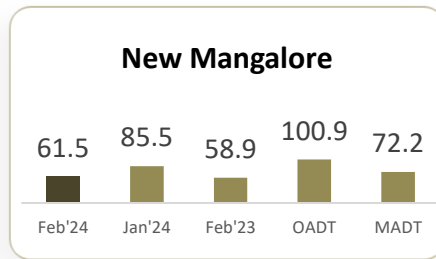
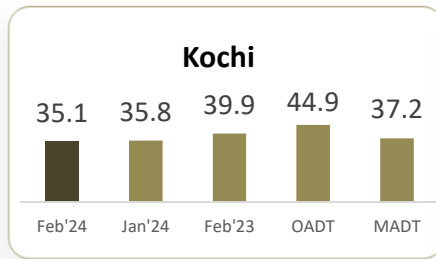
## Southern Region



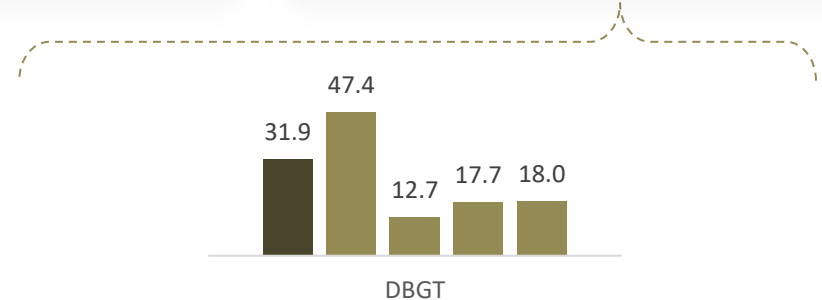
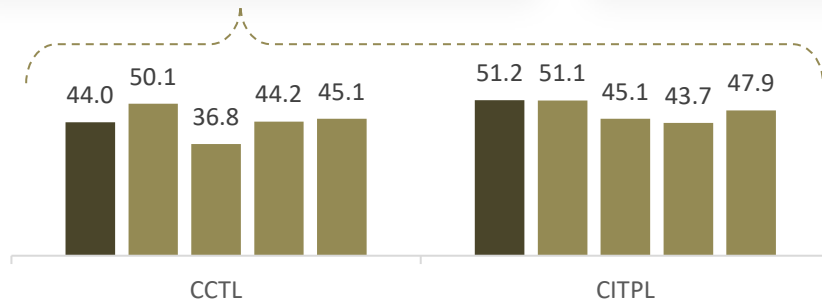
PAN India Import Dwell Time  
**28.9** Hrs.  
(Feb'24)

IMPORT

Ports



Terminals

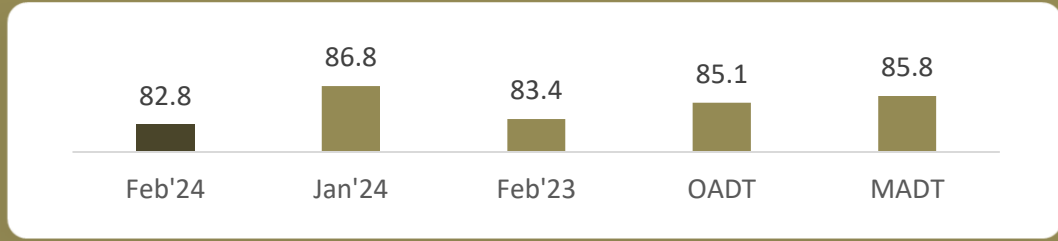


OADT – Overall Avg Dwell Time: Overall average since the start  
MADT – Monthly Avg Dwell Time: Past five years average of the same month

**Note:**  
All values are in hours

# Dwell Time Performance: Southern Region Export Cycle

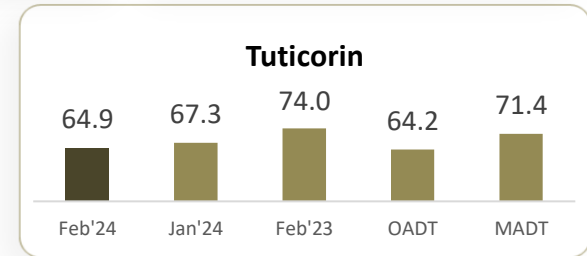
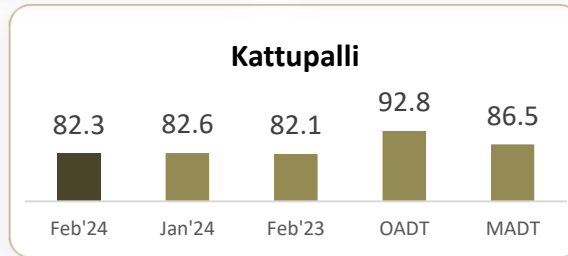
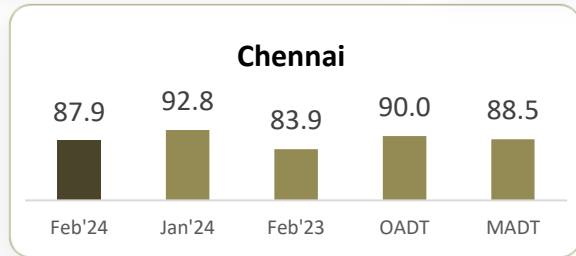
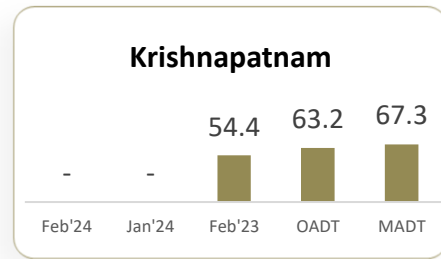
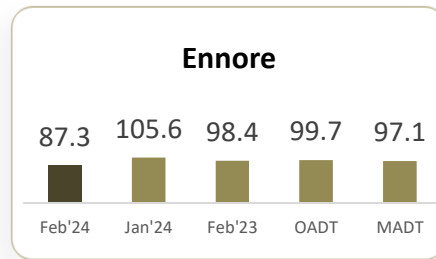
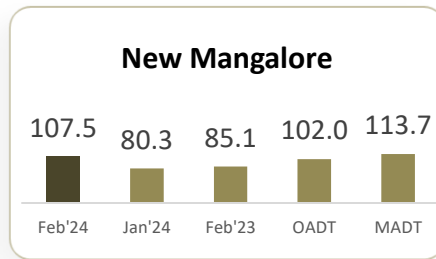
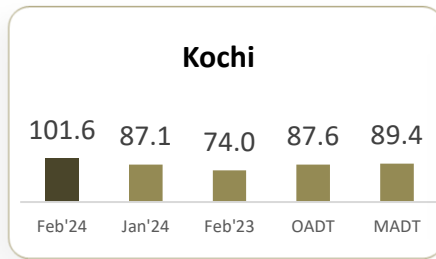
## Southern Region



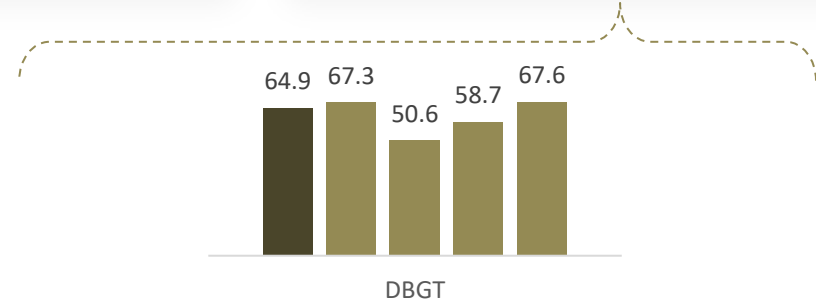
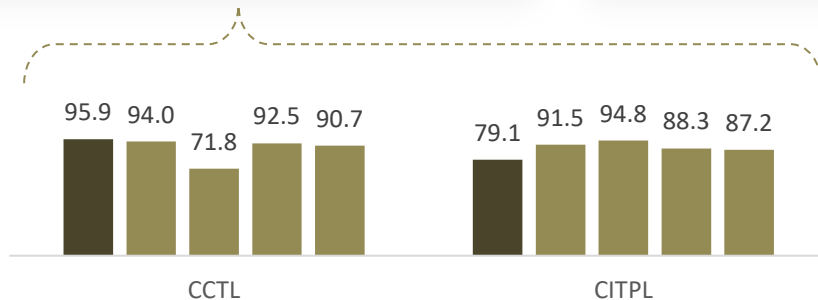
PAN India  
Export Dwell Time  
**92.4 Hrs.**  
(Feb'24)

EXPORT

Ports



Terminals

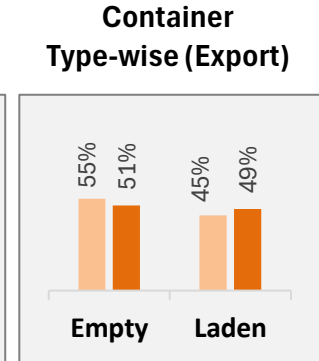
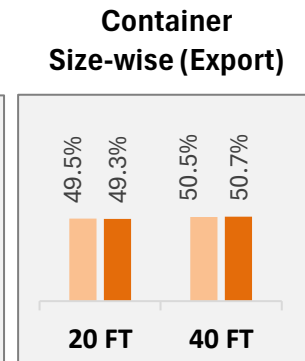
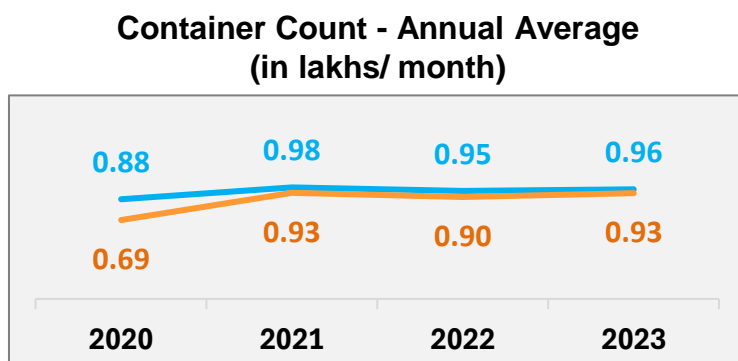
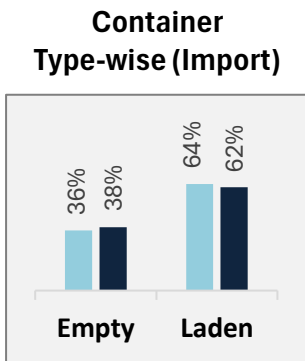
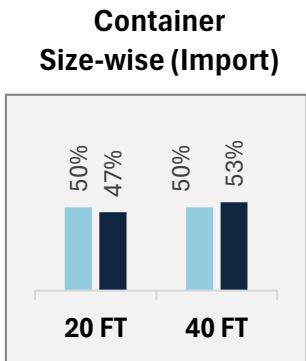
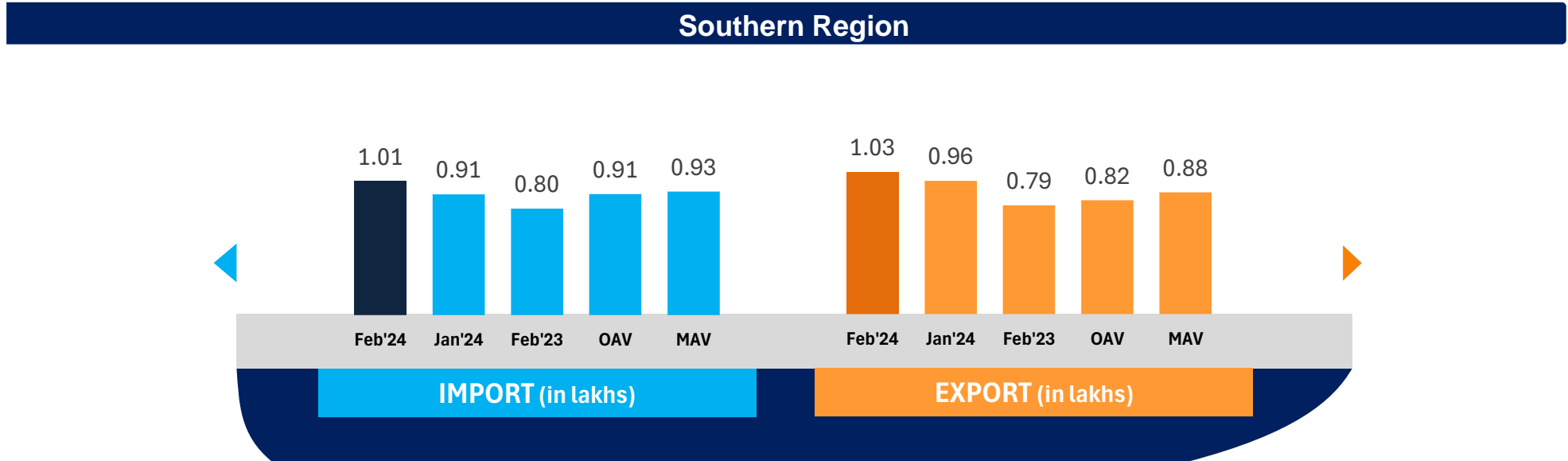


OADT – Overall Avg Dwell Time: Overall average since the start  
MADT – Monthly Avg Dwell Time: Past five years average of the same month

**Note:**  
All values are in hours

# Container Count: Southern Region

The container count (no. of boxes) across southern region for different time frames:



Jan'24 Feb'24

IMPORT EXPORT

Jan'24 Feb'24

OAV – Overall Avg Volume: Overall average since the start  
 MAV – Monthly Avg Volume: Past five years average of the same month

# Container Turnaround Analysis: Southern Region

Container turnaround analysis showcase the percentage of container volume (number of boxes) retained by the respective ports. This analyzes the number of containers getting imported and exported from the same port along with the time taken by them to complete the cycle.

Port In (Import Cycle)	Port Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		Feb'24	Jan'24	Feb'23	Feb'24	Jan'24	Feb'23
Kochi	Kochi	100%	99%	100%	21.7	21.7	23.3
	Other Ports	-	1%	-	-	22.7	-
Ennore	Ennore	100%	89%	95%	25.8	27.0	27.6
	Other Ports	-	11%	5%	-	30.5	37.9
Tuticorin	Tuticorin	100%	100%	100%	25.9	35.1	19.2
	Other Ports	-	-	-	-	-	-
Chennai	Chennai	69%	73%	73%	27.3	28.0	23.7
	Kattupalli	31%	24%	25%	27.3	29.4	24.1
	Other Ports	-	3%	2%	-	28.9	40.9
Kattupalli	Kattupalli	76%	64%	73%	33.8	29.6	26.4
	Chennai	24%	35%	26%	29.9	28.9	26.6
	Other Ports	-	1%	1%	-	38.3	54.5

# Container Turnaround Analysis: Chennai Port

Container turnaround analysis showcase the percentage of container volume (number of boxes) retained by the respective terminals of the port. This analyzes the number of containers getting imported and exported from the same terminal along with the time taken by them to complete the cycle.

Port Terminal In (Import Cycle)	Port Terminal Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		Feb'24	Jan'24	Feb'23	Feb'24	Jan'24	Feb'23
CCTL	CCTL	70%	60%	75%	27.8	28	21.6
	CITPL	30%	40%	25%	29.1	25.9	24.9
CITPL	CITPL	63%	62%	68%	25.4	29.8	25.3
	CCTL	37%	38%	32%	26.2	27.8	22.1

# Southern Region Performance

## Container Lifecycle (Import Cycle)

### Port Dwell Time – Import Cycle

IMPORT		Jan'24 (in hrs)	Feb'24 (in hrs)	
		<b>Train</b>	54.5	44.5
	<b>Truck</b>	50.9	47.4	↓
	<b>Overall</b>	<b>51.0</b>	<b>47.4</b>	↓

### CFS/ ICD Dwell Time – Import Cycle

CFS/ ICD		Jan'24 (in hrs)	Feb'24 (in hrs)	
		<b>CFS</b>	111.5	103.6

EXPORT		Jan'24 (in hrs)	Feb'24 (in hrs)	
		<b>Train</b>	90.5	106.1
	<b>Truck</b>	86.6	81.4	↓
	<b>Overall</b>	<b>86.8</b>	<b>82.8</b>	↓

CFS/ ICD		Jan'24 (in hrs)	Feb'24 (in hrs)	
		<b>CFS</b>	-	-

### Port Dwell Time – Export Cycle

### CFS/ ICD Dwell Time – Export Cycle

## Container Lifecycle (Export Cycle)

Indicates decrease/ increase in dwell time from last month



# Performance Benchmarking: Terminal wise

Performance benchmarking of the terminals based on the dwell time vis-à-vis containers (no. of boxes) handled:



X-Axis: Dwell Time

Y-Axis: No. of Boxes

Abb.	Name of Terminal
A	Chennai Container Terminal Pvt. Ltd. (CCTL)
B	Chennai International Terminals Pvt Ltd (CITPL)
C	Dakshin Bharat Gateway Terminal (DBGT)
D	International Container Transhipment Terminal, Kochi
E	Adani Kattupalli Port Private Limited (AKPPL)
F	PSA SICAL Terminals
G	Mangalore Container Terminal Private Limited (MCTPL)
H	Adani Ennore Container Terminal
I	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)

# Performance Benchmarking (Previous year same month): Terminal wise

Performance benchmarking of the terminals based on the change from the previous year same month in dwell time vis-a-vis containers (no. of boxes) handled :



Abb.	Name of Terminal
A	Chennai Container Terminal Pvt. Ltd. (CCTL)
B	Chennai International Terminals Pvt Ltd (CITPL)
C	Dakshin Bharat Gateway Terminal (DBGT)
D	International Container Transhipment Terminal, Kochi
E	Adani Kattupalli Port Private Limited (AKPPL)
F	PSA SICAL Terminals
G	Mangalore Container Terminal Private Limited (MCTPL)
H	Adani Ennore Container Terminal
I	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)

X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

# Performance Benchmarking (Capacity & Dwell time): Terminal wise

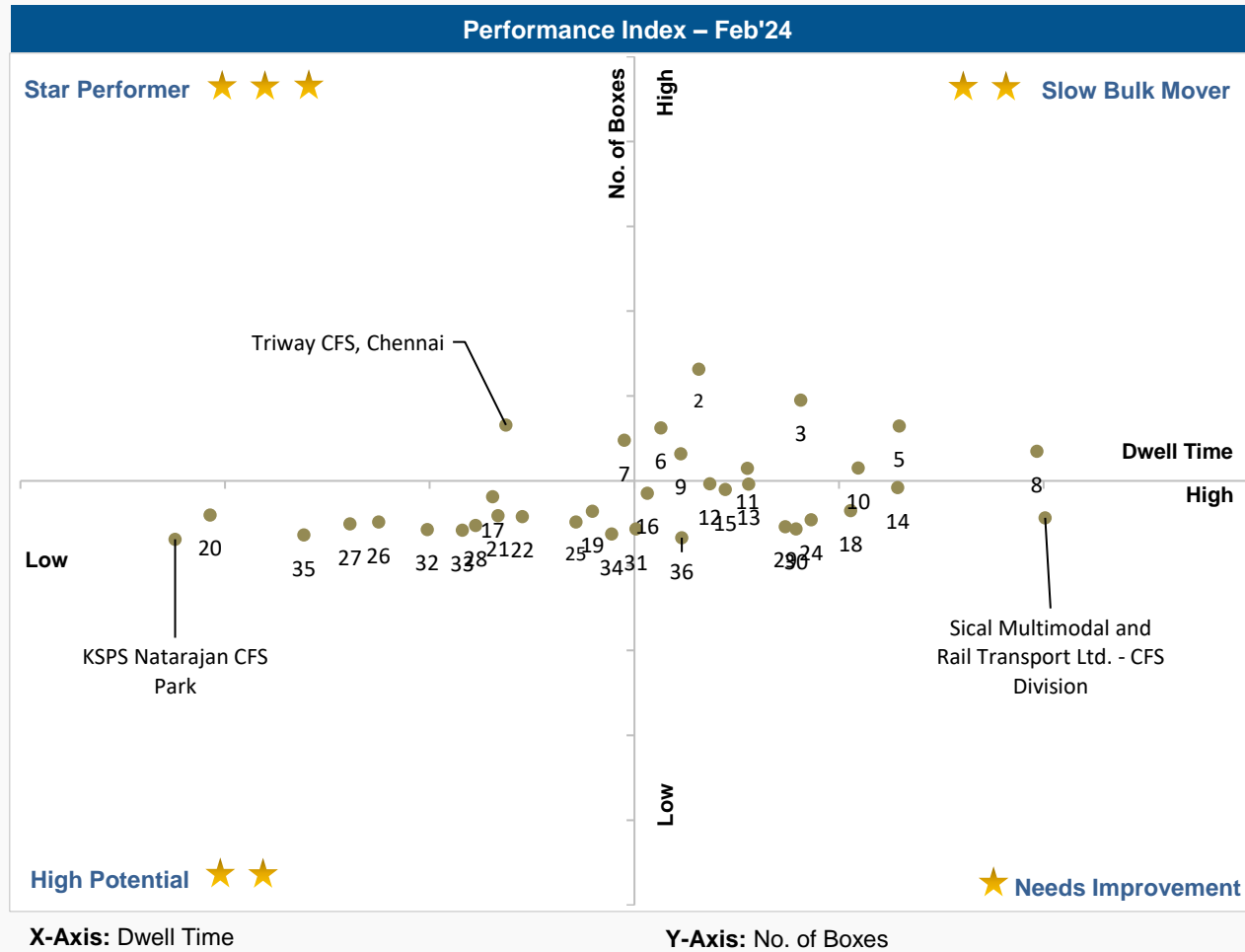
Performance benchmarking of the terminals based on the dwell time vis-a-vis capacity (in TEU):



Abb.	Name of Terminal
A	Chennai Container Terminal Pvt. Ltd. (CCTL)
B	Chennai International Terminals Pvt Ltd (CITPL)
C	Dakshin Bharat Gateway Terminal (DBGT)
D	International Container Transhipment Terminal, Kochi
E	Adani Kattupalli Port Private Limited (AKPPL)
F	PSA SICAL Terminals
G	Mangalore Container Terminal Private Limited (MCTPL)
H	Adani Ennore Container Terminal
I	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)

# CFS Performance Benchmarking: Southern Region

Performance benchmarking of the CFSs based on the dwell time vis-a-vis containers (no. of boxes) handled:



**Note:**  
Please refer annexure for CFS names

# Chennai Port Performance

## Container Lifecycle (Import Cycle)

### Port Dwell Time – Import Cycle

	Jan'24 (in hrs)		Feb'24 (in hrs)	
	Jan'24	Feb'24	Jan'24	Feb'24
<b>Train</b>	29.7	35.2	↑	
<b>Truck</b>	51.4	48.2	↓	
<b>Overall</b>	<b>50.6</b>	<b>47.9</b>	↓	

### Transit Time – Import Cycle

	Jan'24 (in hrs)		Feb'24 (in hrs)	
	Jan'24	Feb'24	Jan'24	Feb'24
<b>Port to CFS</b>	2.52	2.71	↑	

### CFS/ ICD Dwell Time – Import Cycle

	Jan'24 (in hrs)		Feb'24 (in hrs)	
	Jan'24	Feb'24	Jan'24	Feb'24
<b>CFS</b>	111.9	99.5	↓	

	Jan'24 (in hrs)		Feb'24 (in hrs)	
	Jan'24	Feb'24	Jan'24	Feb'24
<b>Train</b>	128.3	62.0	↓	
<b>Truck</b>	92.1	88.2	↓	
<b>Overall</b>	<b>92.8</b>	<b>87.9</b>	↓	

	Jan'24 (in hrs)		Feb'24 (in hrs)	
	Jan'24	Feb'24	Jan'24	Feb'24
<b>CFS to Port</b>	-	-		

	Jan'24 (in hrs)		Feb'24 (in hrs)	
	Jan'24	Feb'24	Jan'24	Feb'24
<b>CFS</b>	-	-		

### Port Dwell Time – Export Cycle

### Transit Time – Export Cycle

### CFS/ ICD Dwell Time – Export Cycle

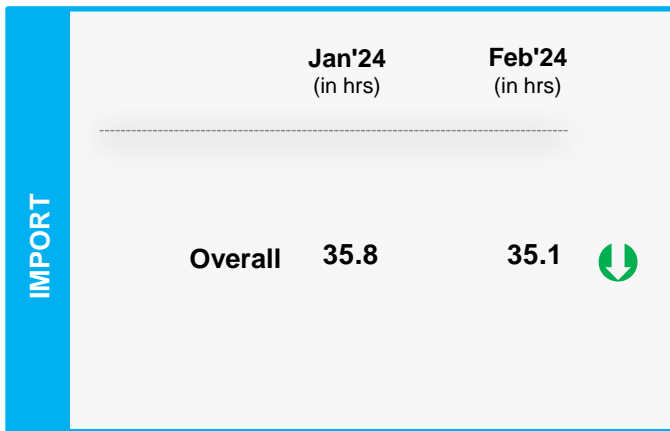
## Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

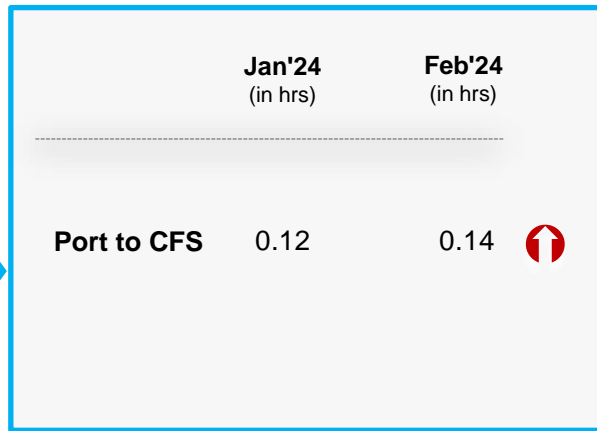
# Kochi Port Performance

## Container Lifecycle (Import Cycle)

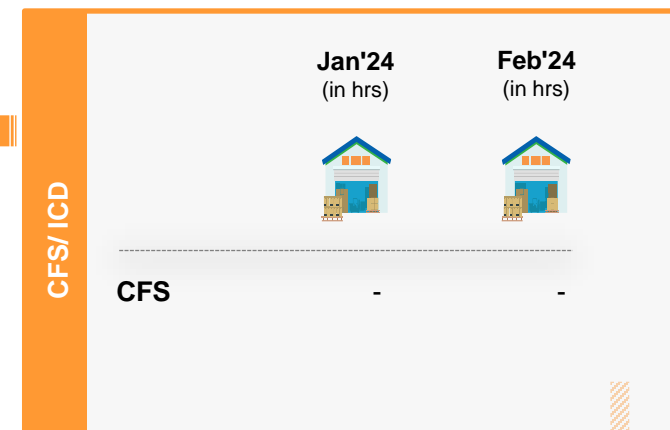
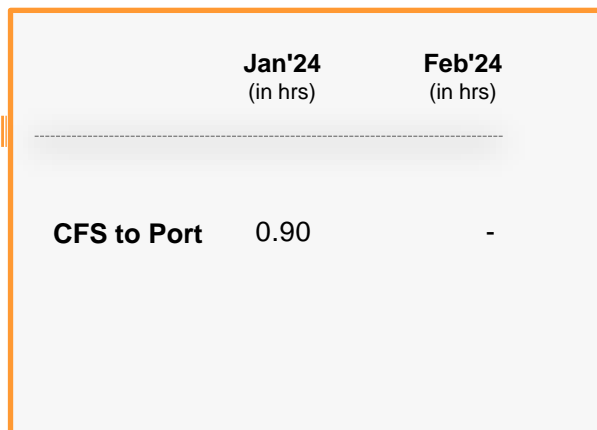
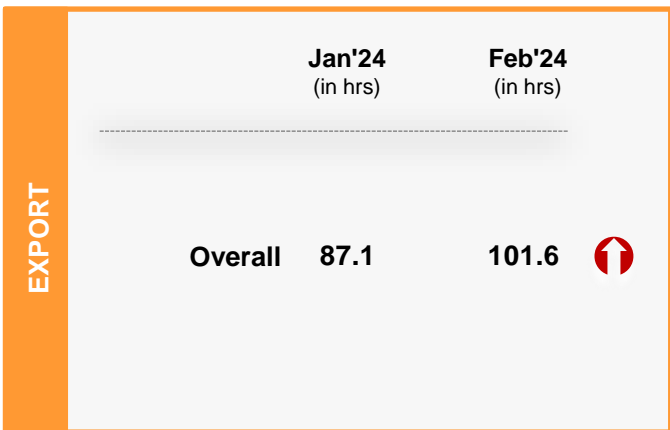
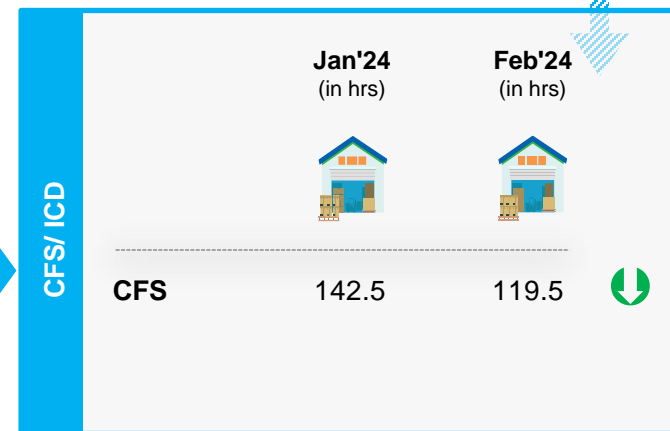
### Port Dwell Time – Import Cycle



### Transit Time – Import Cycle



### CFS/ ICD Dwell Time – Import Cycle



### Port Dwell Time – Export Cycle

### Transit Time – Export Cycle

### CFS/ ICD Dwell Time – Export Cycle

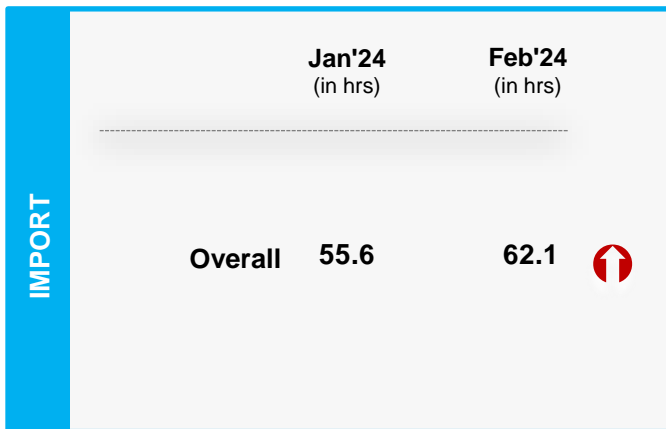
## Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

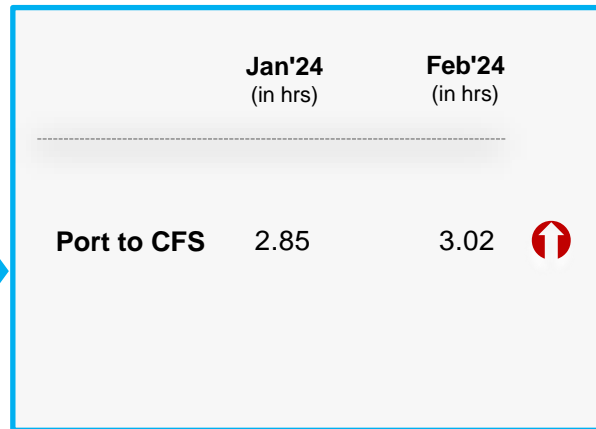
# Kattupalli Port Performance

## Container Lifecycle (Import Cycle)

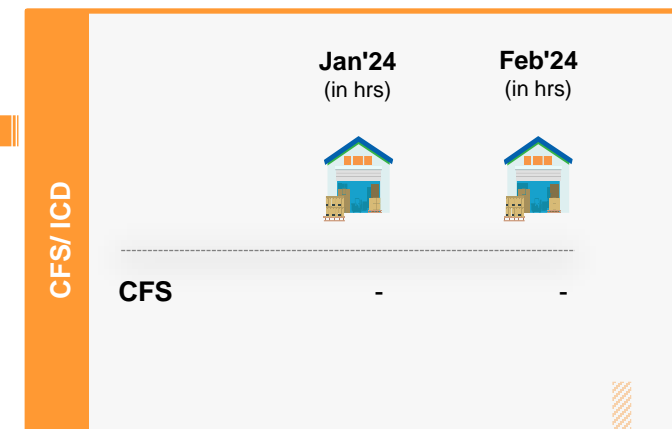
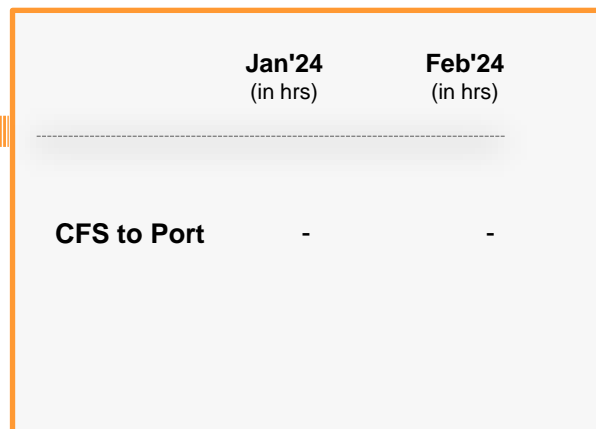
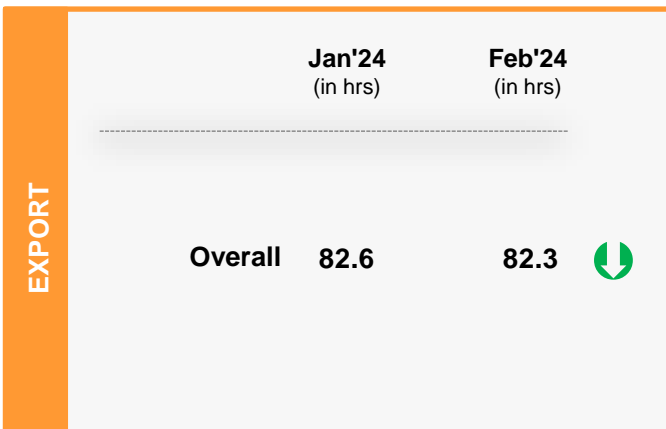
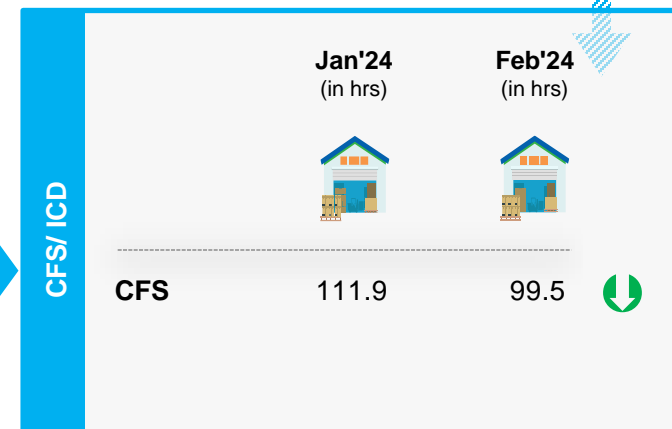
### Port Dwell Time – Import Cycle



### Transit Time – Import Cycle



### CFS/ ICD Dwell Time – Import Cycle



### Port Dwell Time – Export Cycle

### Transit Time – Export Cycle

### CFS/ ICD Dwell Time – Export Cycle

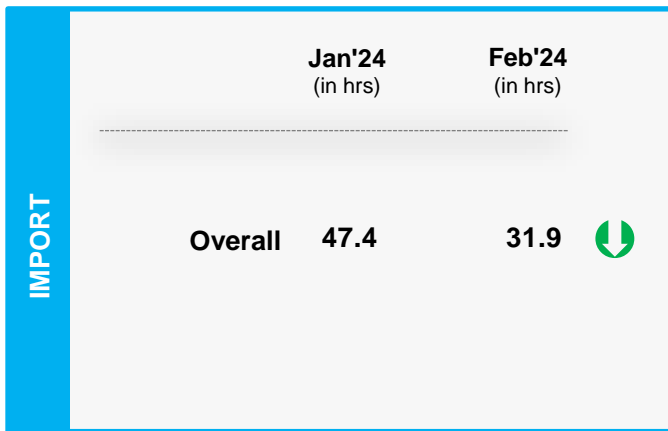
## Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

# Tuticorin Port Performance

## Container Lifecycle (Import Cycle)

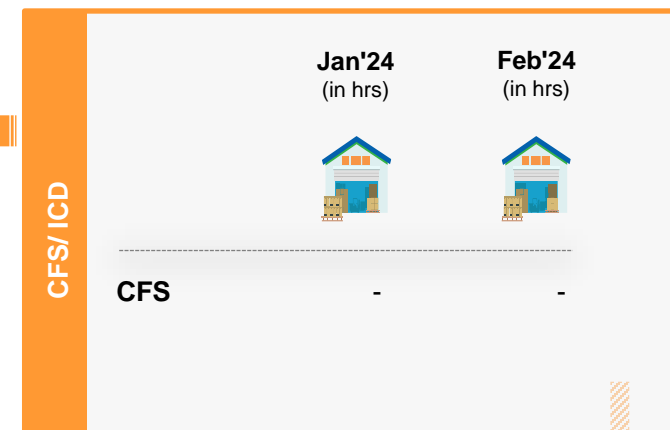
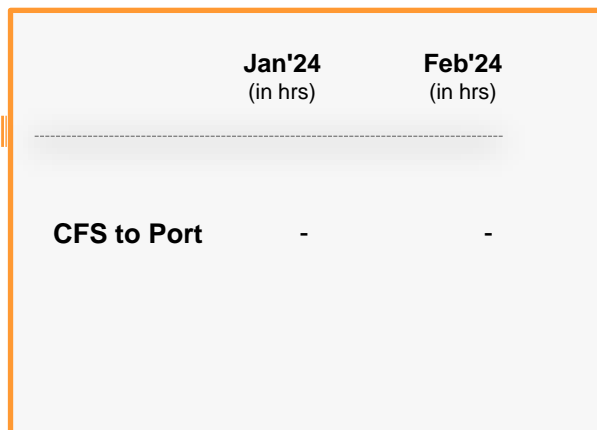
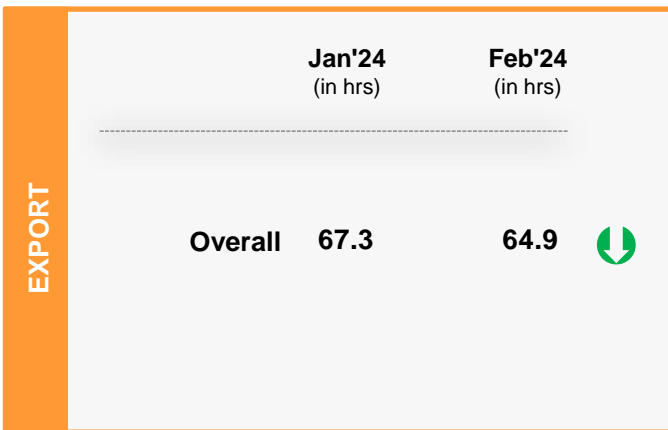
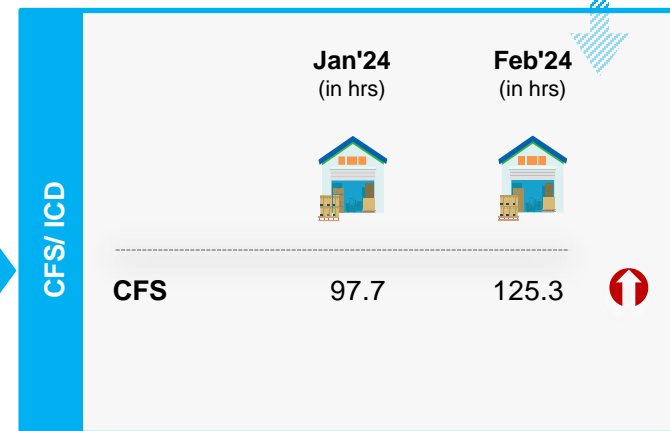
### Port Dwell Time – Import Cycle



### Transit Time – Import Cycle



### CFS/ ICD Dwell Time – Import Cycle



### Port Dwell Time – Export Cycle

### Transit Time – Export Cycle

### CFS/ ICD Dwell Time – Export Cycle

## Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month



# Ennore Port Performance

## Container Lifecycle (Import Cycle)

### Port Dwell Time – Import Cycle

IMPORT		Jan'24 (in hrs)	Feb'24 (in hrs)	
		<b>Train</b>	24.8	25.2
	<b>Truck</b>	54.6	52.2	↓
	<b>Overall</b>	<b>53.6</b>	<b>51.8</b>	↓

### CFS/ ICD Dwell Time – Import Cycle

CFS/ ICD		Jan'24 (in hrs)	Feb'24 (in hrs)	
		<b>CFS</b>	111.9	99.5

EXPORT		Jan'24 (in hrs)	Feb'24 (in hrs)	
		<b>Train</b>	123.5	119.7
	<b>Truck</b>	105.3	86.6	↓
	<b>Overall</b>	<b>105.6</b>	<b>87.3</b>	↓

CFS/ ICD		Jan'24 (in hrs)	Feb'24 (in hrs)	
		<b>CFS</b>	-	-

### Port Dwell Time – Export Cycle

### CFS/ ICD Dwell Time – Export Cycle

## Container Lifecycle (Export Cycle)



Indicates decrease/ increase in dwell time from last month

## Container Lifecycle (Import Cycle)

### Port Dwell Time – Import Cycle

IMPORT	Jan'24 (in hrs)	Feb'24 (in hrs)	
	Overall	85.5	61.5

EXPORT	Jan'24 (in hrs)	Feb'24 (in hrs)	
	Overall	80.3	107.5



 Indicates decrease/ increase in dwell time from last month

### Port Dwell Time – Export Cycle

## Container Lifecycle (Export Cycle)

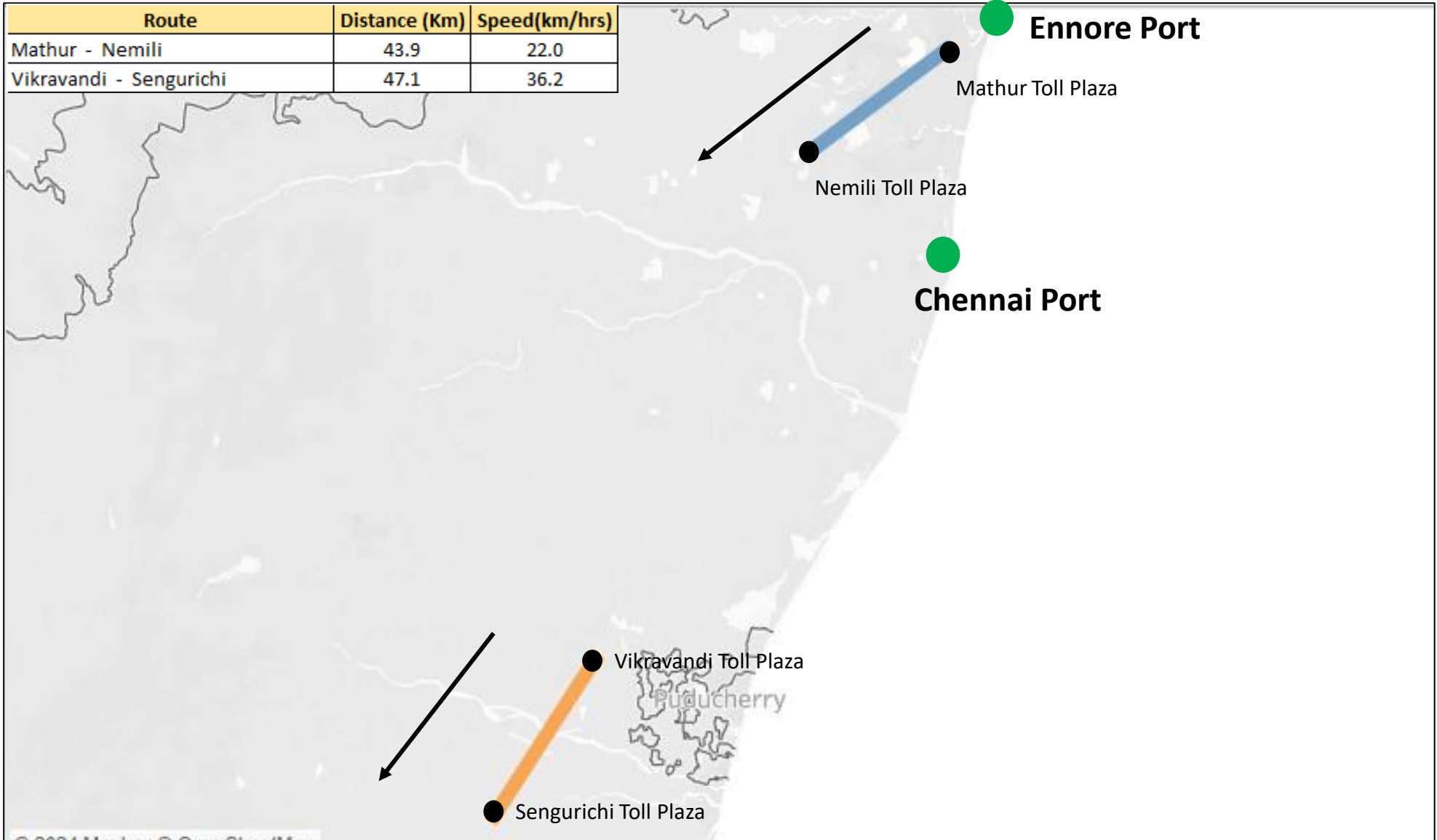
# Port to Toll Plaza Analysis: Southern Region

Below Table depicts the average speed of a truck to cover the distance between the port terminal to the nearest Toll Plaza

Region	Port	Adjacent Toll plaza	Distance (in KM)	Average Speed (in Km/hrs)
				Feb' 24
Southern	Kochi	Kumabalam	21	18.0
		Ponnarimangalam	16	9.7
		GIPL Palayekara	70	27.0
	New Mangalore	Brahamarakotlu	25	22.5
		Talapady	23	18.7
	Visakhapatnam	Nathavalasa	59	10.2
		Sheelanagar	23	25.3

# Toll Plaza Analysis: Chennai, Ennore Port

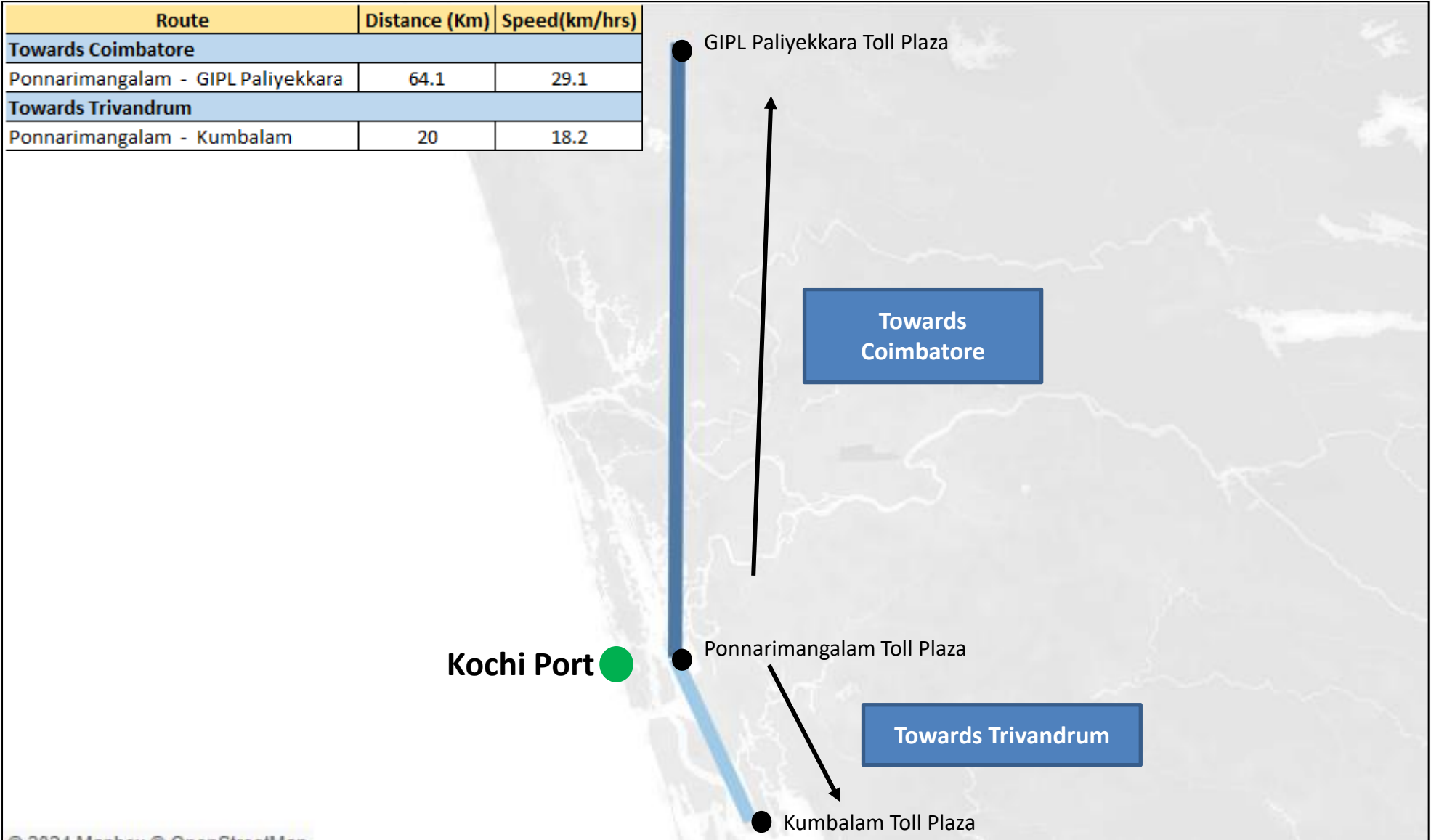
The average speed of trucks to cover the distance between adjacent toll plazas for Feb'24:



# Toll Plaza Analysis: Kochi Port

The average speed of trucks to cover the distance between adjacent toll plazas for Feb'24:

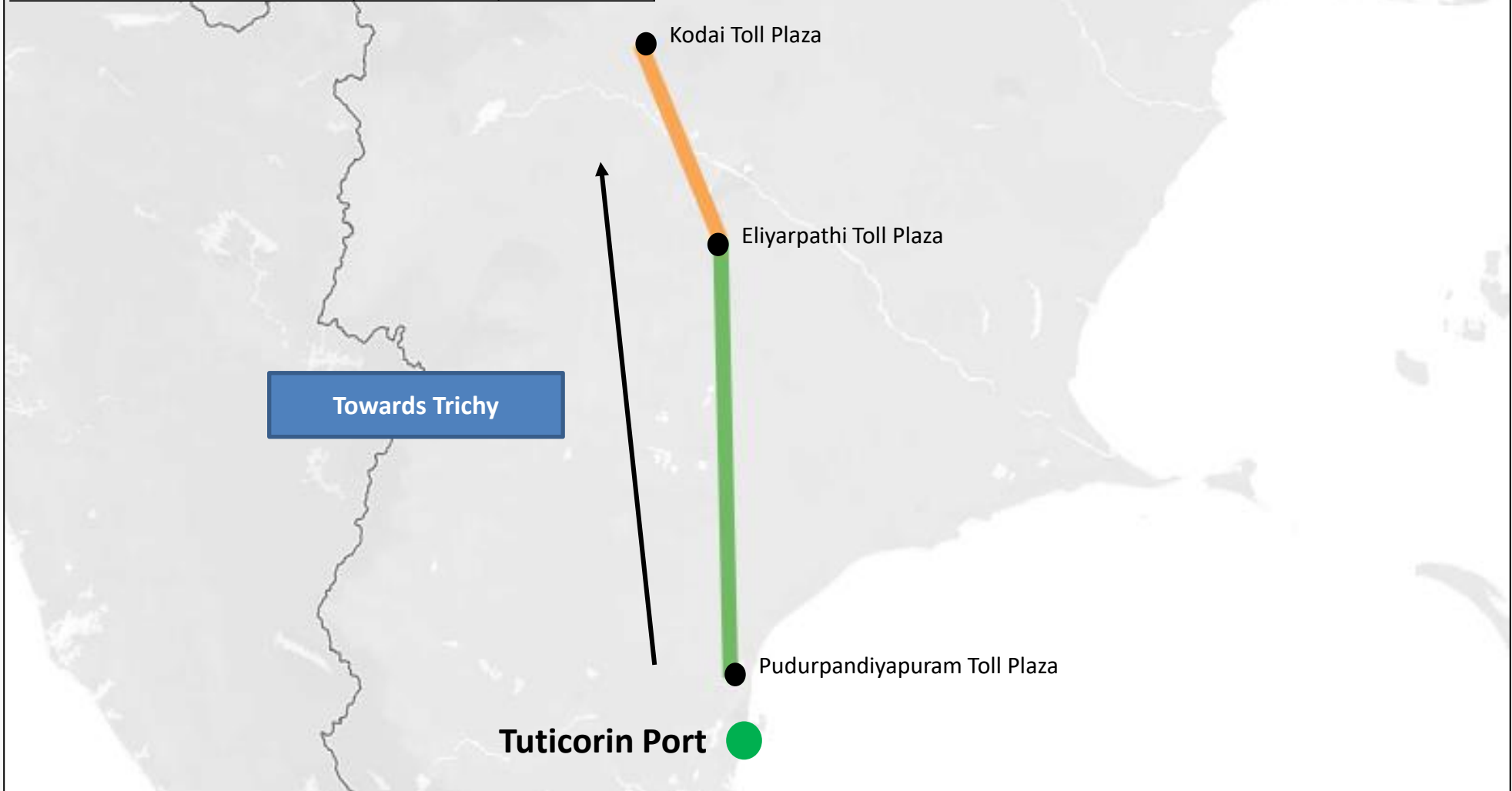
Route	Distance (Km)	Speed(km/hrs)
<b>Towards Coimbatore</b>		
Ponnarimangalam - GIPL Paliyekkara	64.1	29.1
<b>Towards Trivandrum</b>		
Ponnarimangalam - Kumbalam	20	18.2



# Toll Plaza Analysis: Tuticorin Port

The average speed of trucks to cover the distance between adjacent toll plazas for Feb'24:

Route	Distance (Km)	Speed(km/hrs)
<b>Towards Trichy</b>		
Pudurpandiyapuram - Eliyarpathi	113	17.8
Eliyarpathi - Kodai	60.8	38.0

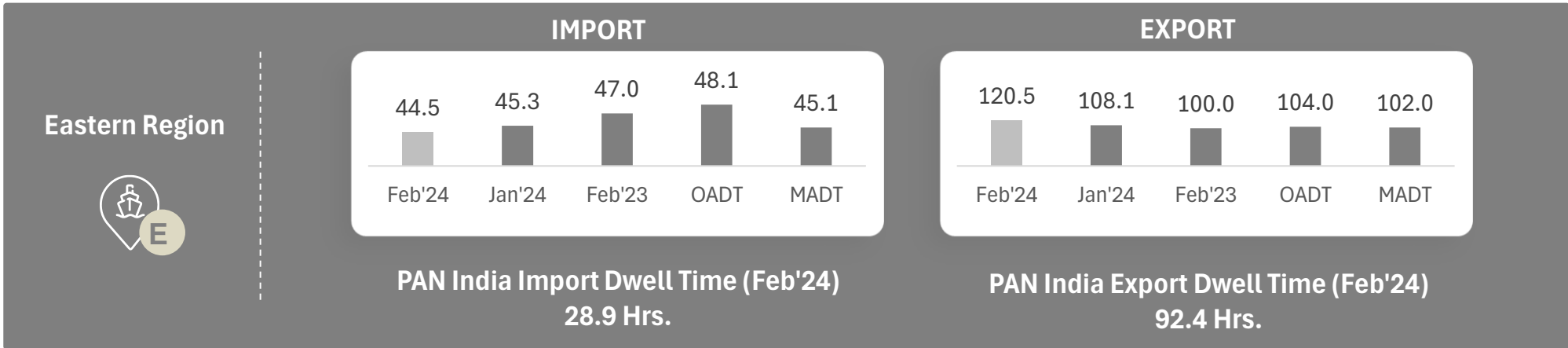


04

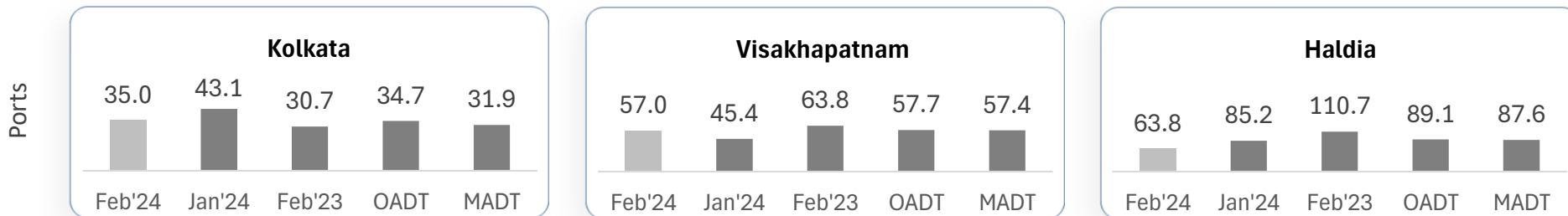
# EASTERN REGION PERFORMANCE



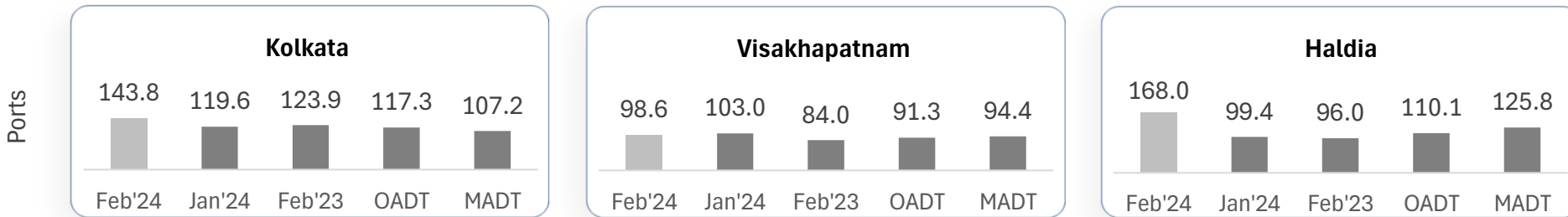
# Dwell Time Performance: Eastern Region Import/ Export Cycle



## IMPORT



## EXPORT



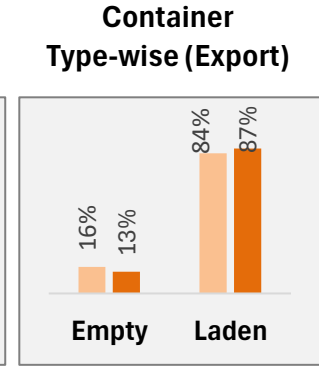
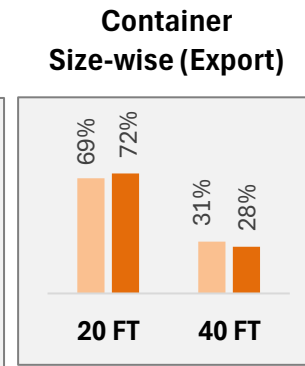
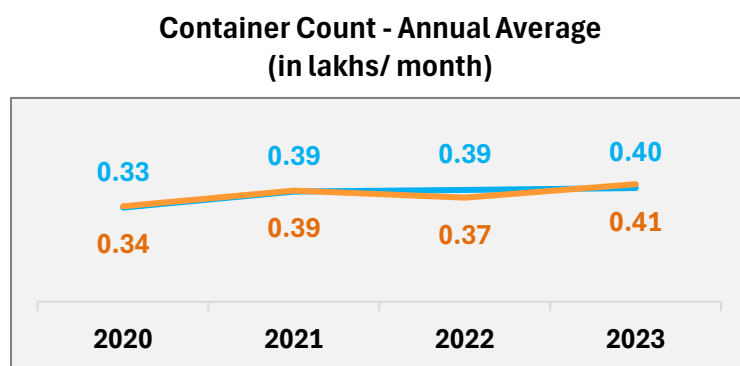
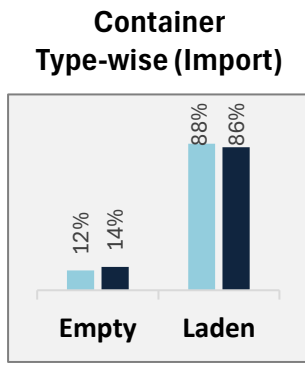
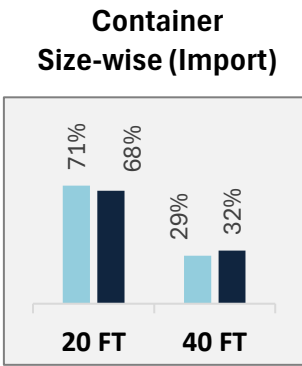
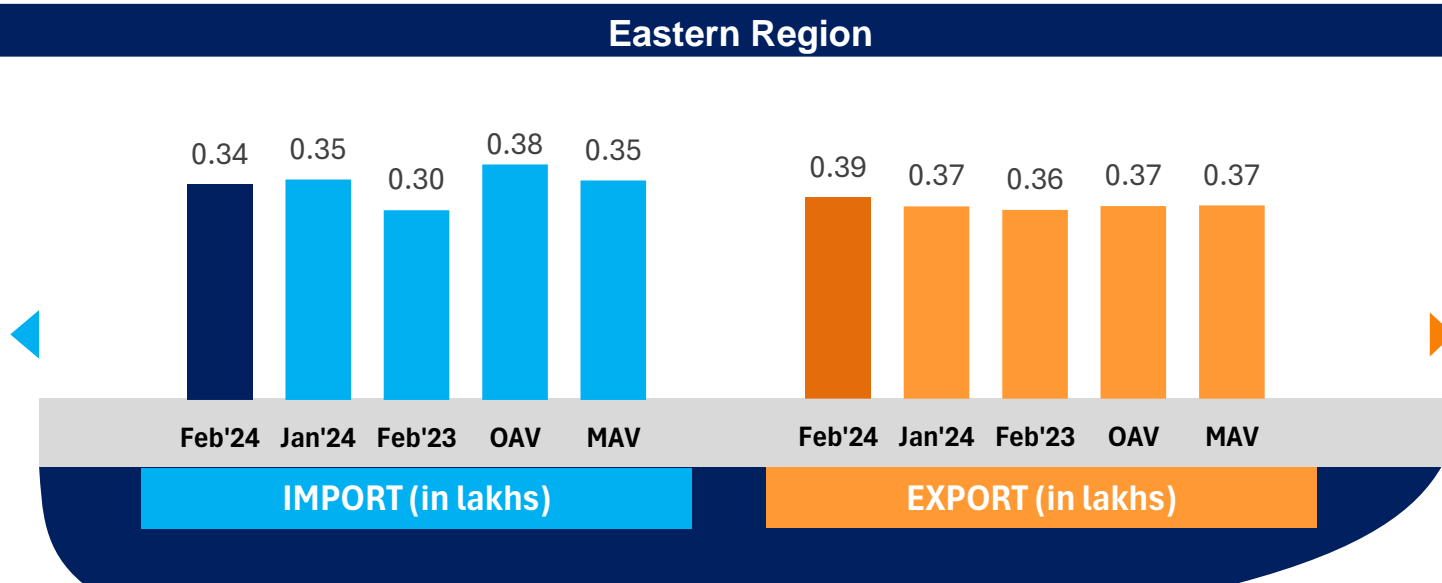
**Note:**  
All values are in hours

OADT – Overall Avg Dwell Time: Overall average since the start  
MADT – Monthly Avg Dwell Time: Past five years average of the same month



# Container Count: Eastern Region

The container count (no. of boxes) across eastern region for different time frames:



Jan'24 Feb'24

IMPORT EXPORT

Jan'24 Feb'24

OAV – Overall Avg Volume: Overall average since the start  
 MAV – Monthly Avg Volume: Past five years average of the same month

# Container Turnaround Analysis: Eastern Region

Container turnaround analysis showcase the percentage of container volume (number of boxes) retained by the respective ports. This analyzes the number of containers getting imported and exported from the same port along with the time taken by them to complete the cycle.

Port In (Import Cycle)	Port Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		Feb'24	Jan'24	Feb'23	Feb'24	Jan'24	Feb'23
Visakhapatnam	Visakhapatnam	100%	94%	96%	32.9	30.1	31.5
	Other Ports	-	6%	4%	-	63.7	51.1
Kolkata	Kolkata	94%	91%	90%	36.4	37.7	34.9
	Haldia	6%	6%	7%	59.0	42.4	40.5
	Other Ports	-	3%	3%	-	48.6	40.7
Haldia	Haldia	86%	90%	81%	32.0	49.0	29.0
	Kolkata	14%	9%	19%	69.0	43.1	28.9
	Other Ports	-	1%	-	-	60.9	-

# Eastern Region Performance

## Container Lifecycle (Import Cycle)

### Port Dwell Time – Import Cycle

IMPORT		Jan'24 (in hrs)	Feb'24 (in hrs)	
	Train	154.8	125.2	↓
	Truck	40.1	40.4	↑
	<b>Overall</b>	<b>45.3</b>	<b>44.5</b>	↓

### CFS/ ICD Dwell Time – Import Cycle

CFS/ ICD		Jan'24 (in hrs)	Feb'24 (in hrs)	
	CFS	152.1	145.9	↓

EXPORT		Jan'24 (in hrs)	Feb'24 (in hrs)	
	Train	127.0	148.2	↑
	Truck	105.1	116.5	↑
	<b>Overall</b>	<b>108.1</b>	<b>120.5</b>	↑

CFS/ ICD		Jan'24 (in hrs)	Feb'24 (in hrs)	
	CFS	-	-	

### Port Dwell Time – Export Cycle

### CFS/ ICD Dwell Time – Export Cycle

## Container Lifecycle (Export Cycle)

Indicates decrease/ increase in dwell time from last month

# Performance Benchmarking: Terminal wise

Performance benchmarking of the terminals based on the dwell time vis-à-vis containers (no. of boxes) handled:



Abb.	Name of Terminal
A	Haldia International Container Terminal (HICT)
B	Kolkata Dock System (KDS) , Kolkata Port
C	Visakha Container Terminal

# Performance Benchmarking (Previous year same month): Terminal wise

Performance benchmarking of the terminals based on the change from the previous year same month in dwell time vis-a-vis containers (no. of boxes) handled :



X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

Abb.	Name of Terminal
A	Haldia International Container Terminal (HICT)
B	Kolkata Dock System (KDS) , Kolkata Port
C	Visakha Container Terminal

# Performance Benchmarking (Capacity & Dwell time): Terminal wise

Performance benchmarking of the terminals based on the dwell time vis-a-vis capacity (in TEU):



Abb.	Name of Terminal
A	Haldia International Container Terminal (HICT)
B	Kolkata Dock System (KDS) , Kolkata Port
C	Visakha Container Terminal

# CFS Performance Benchmarking: Eastern Region

Performance benchmarking of the CFSs based on the dwell time vis-a-vis containers (no. of boxes) handled:

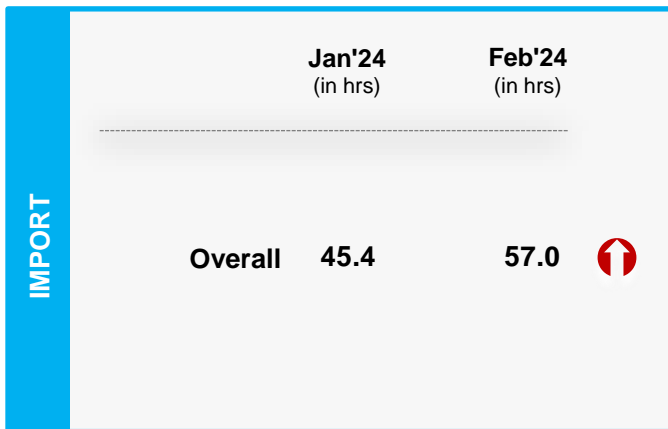


**Note:**  
Please refer annexure for CFS names

# Visakhapatnam Port Performance

## Container Lifecycle (Import Cycle)

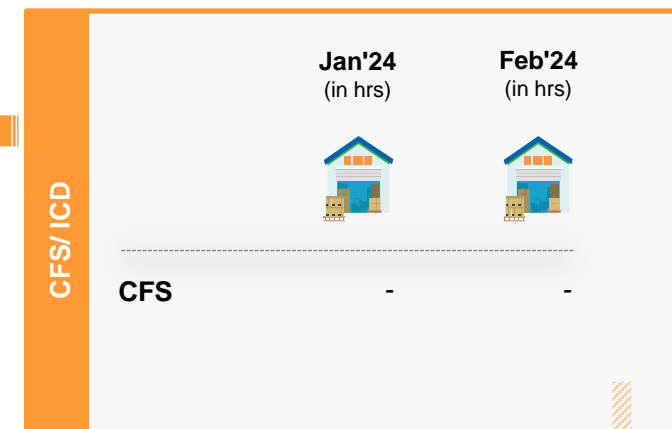
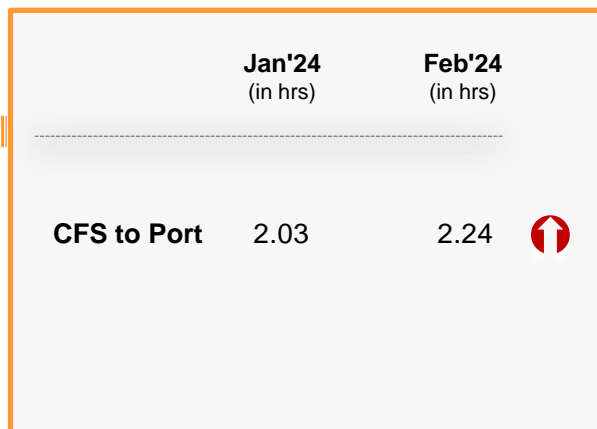
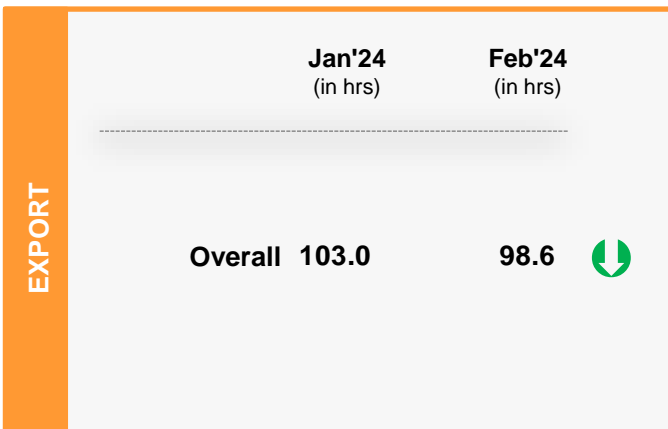
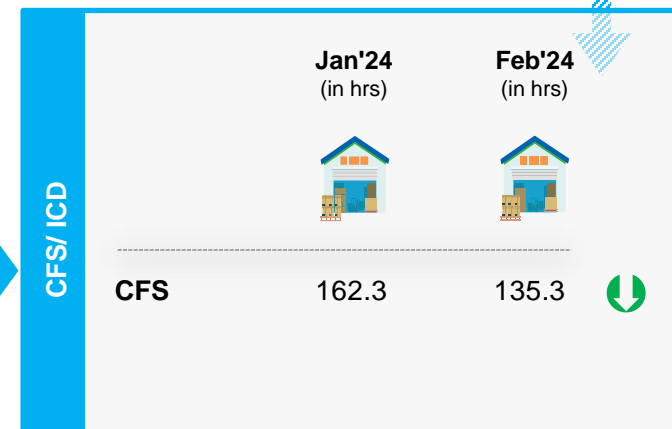
### Port Dwell Time – Import Cycle



### Transit Time – Import Cycle



### CFS/ ICD Dwell Time – Import Cycle



### Port Dwell Time – Export Cycle

### Transit Time – Export Cycle

### CFS/ ICD Dwell Time – Export Cycle

## Container Lifecycle (Export Cycle)

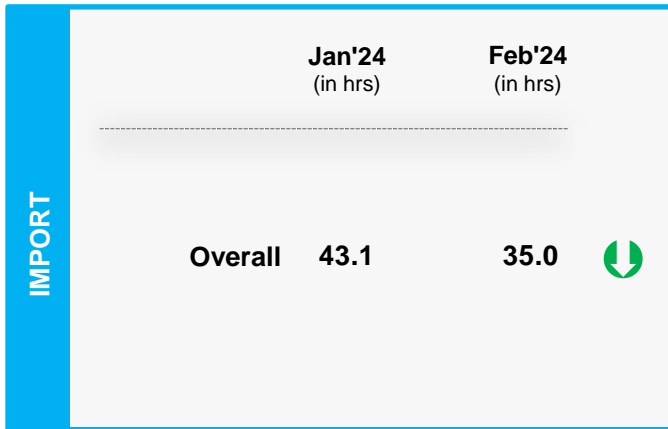
Indicates decrease/ increase in time from last month



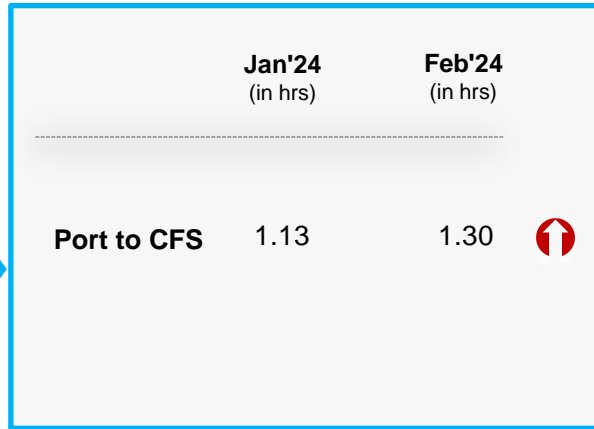
# Kolkata Port Performance

## Container Lifecycle (Import Cycle)

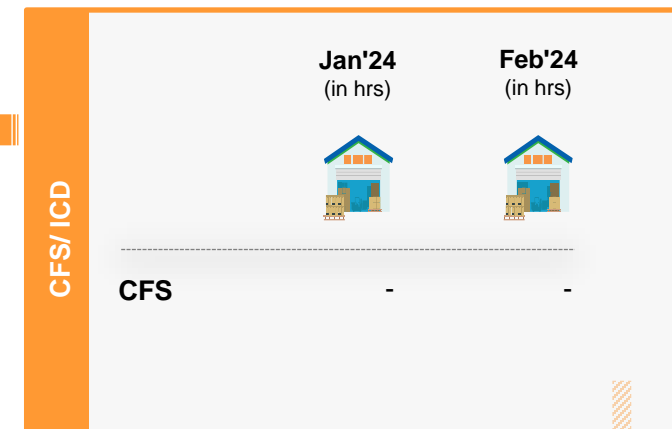
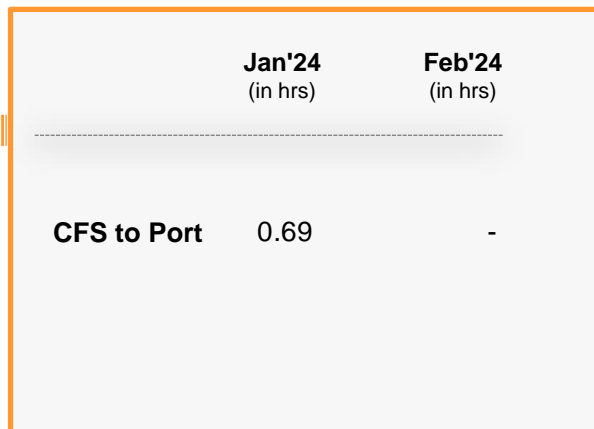
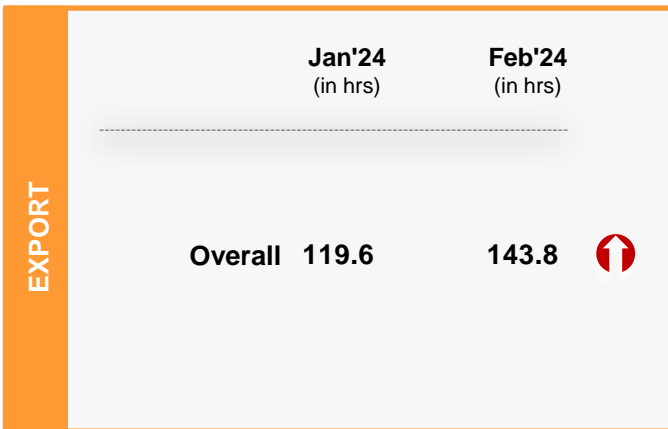
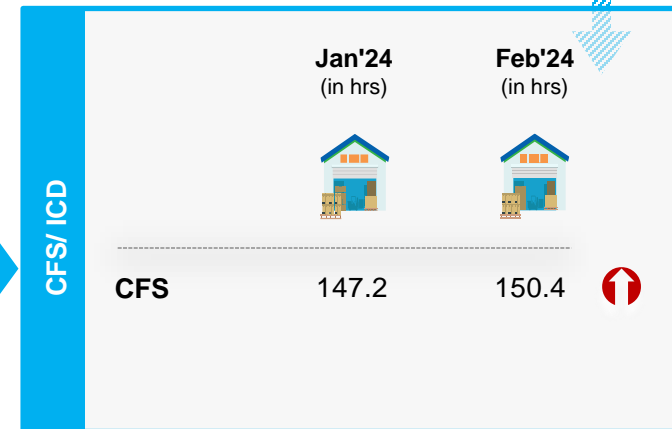
### Port Dwell Time – Import Cycle



### Transit Time – Import Cycle



### CFS/ ICD Dwell Time – Import Cycle



### Port Dwell Time – Export Cycle

### Transit Time – Export Cycle

### CFS/ ICD Dwell Time – Export Cycle

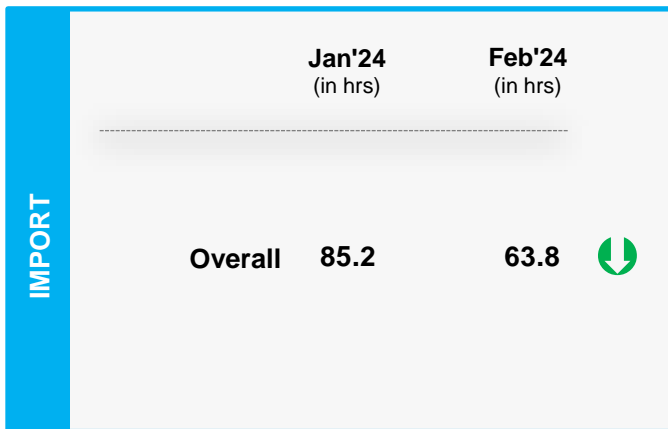
## Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

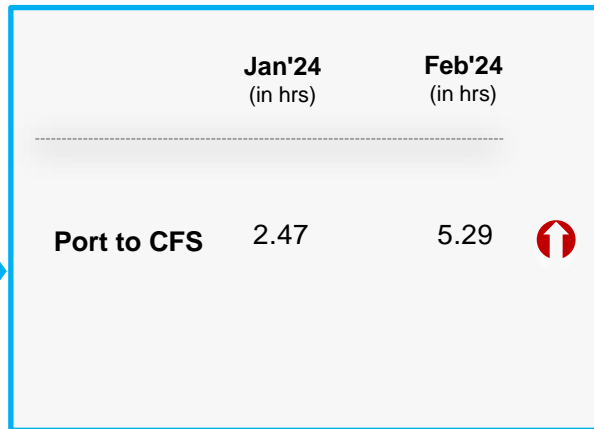
# Haldia Port Performance

## Container Lifecycle (Import Cycle)

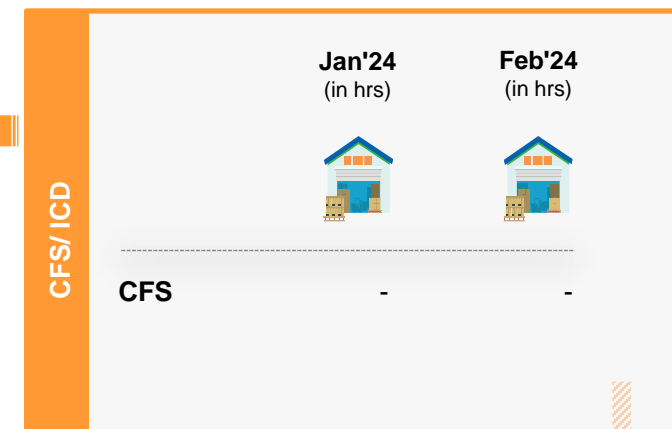
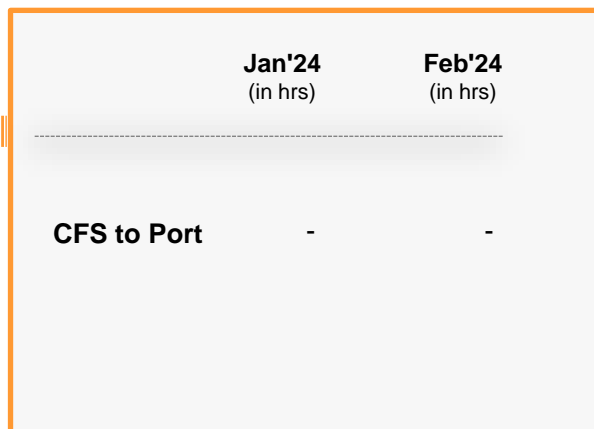
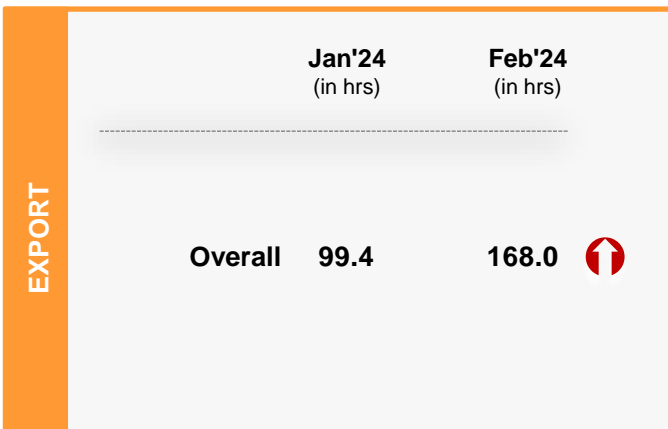
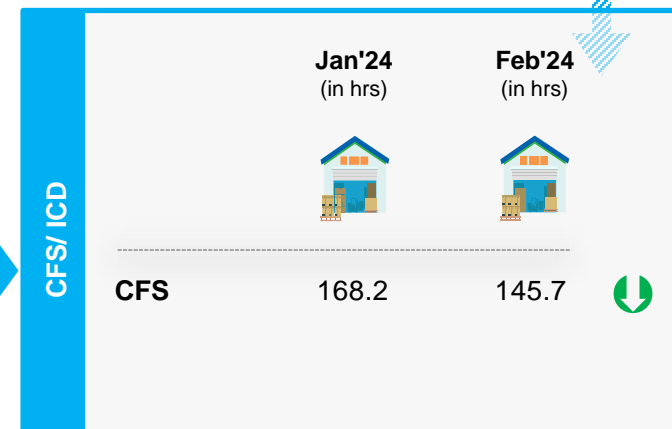
### Port Dwell Time – Import Cycle



### Transit Time – Import Cycle



### CFS/ ICD Dwell Time – Import Cycle



### Port Dwell Time – Export Cycle

### Transit Time – Export Cycle

### CFS/ ICD Dwell Time – Export Cycle

## Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

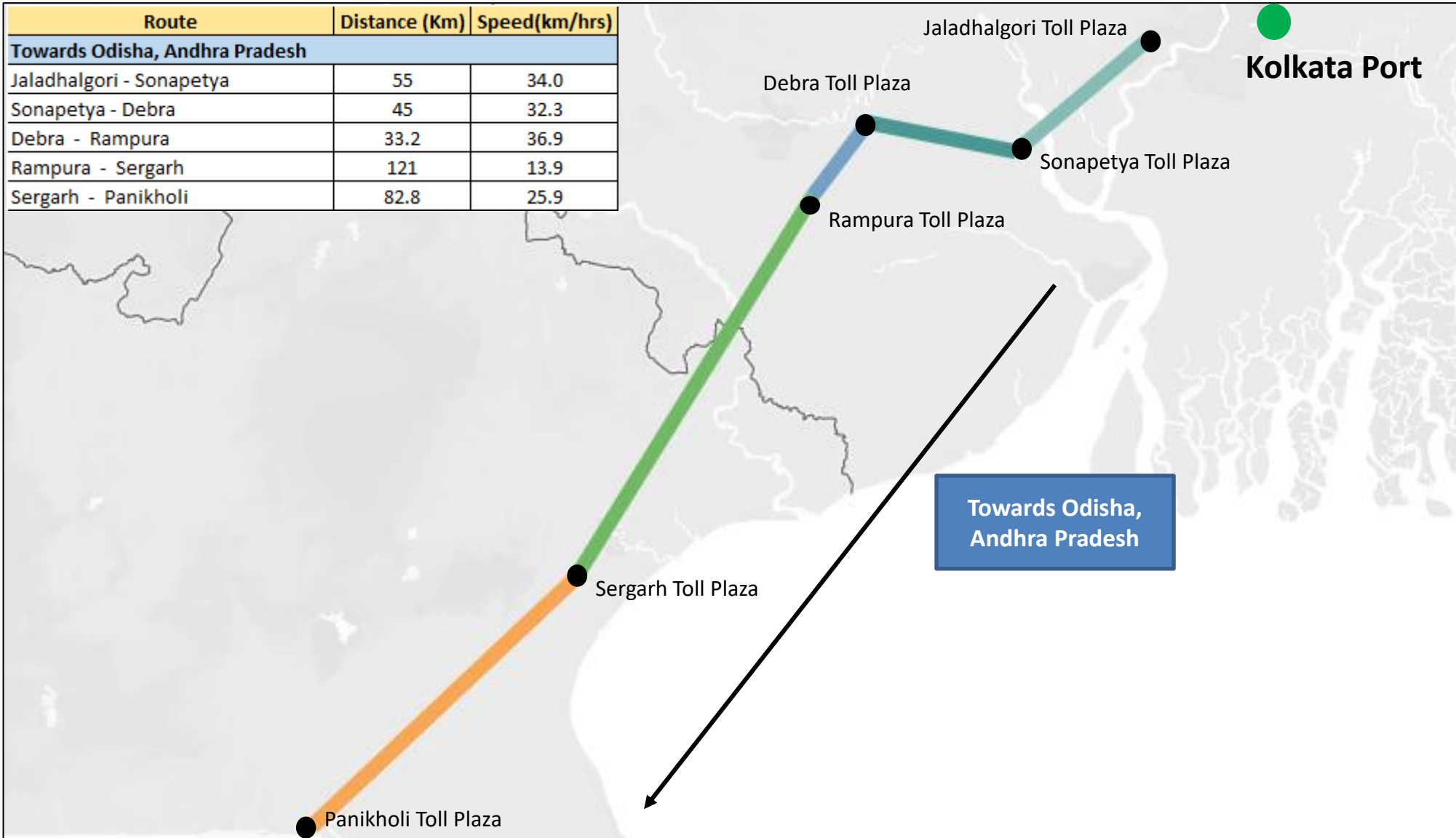
# Port to Toll Plaza Analysis: Eastern Region

Below Table depicts the average speed of a truck to cover the distance between the port terminal to the nearest Toll Plaza :

Region	Port	Adjacent Toll plaza	Distance (in KM)	Average Speed (in Km/hrs)
				Feb' 24
Eastern	Kolkata	Rampura	134	14.3
		Dankuni	28	8.4
	Haldia	Sonapetya	44	10.5

# Toll Plaza Analysis: Kolkata Port

The average speed of trucks to cover the distance between adjacent toll plazas for Feb'24:



# 05 CONGESTION ANALYSIS



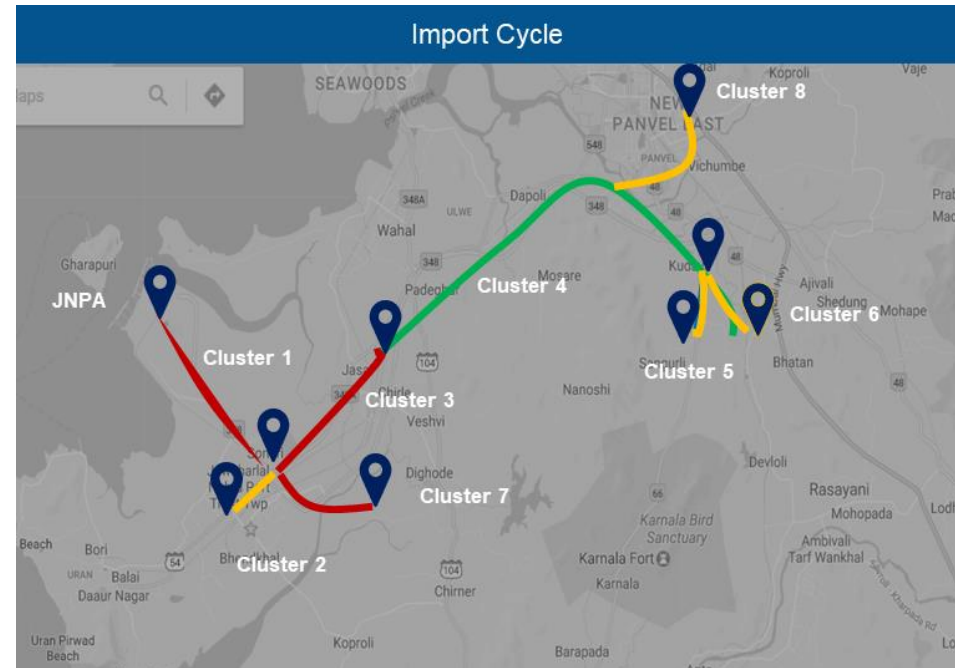
# Congestion Analysis & Methodology

The analysis aims to understand the level of traffic around ports and CFS region to measure the congestion level on the route:

## Methodology

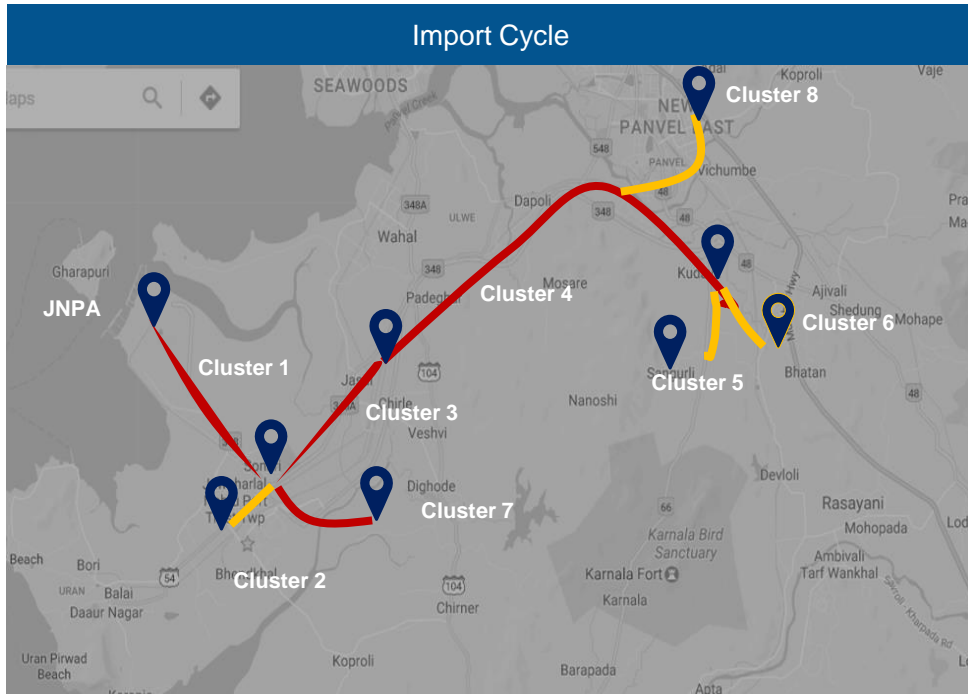
- Step 1** ➔ CFSs are divided into clusters based on their vicinity.
- Step 2** ➔ Cluster based transit time is calculated. The transit time is the travel time between CFS clusters and port or vice versa.
- Step 3** ➔ Cluster based congestion level is calculated as per below steps:

1. Cluster based transit time is compared with threshold
2. Threshold is 3X of time showcased on Google Maps between the Origin-Destination (OD) pair
3. Intensity of congestion is classified as below:
  - High congestion: >2 times the threshold
  - Medium congestion: >1.5 to <=2 times the threshold
  - Low congestion: >1 to <=1.5 times the threshold



Congestion Level   ■ High   ■ Medium   ■ Low

# Congestion Analysis: JNPA Region

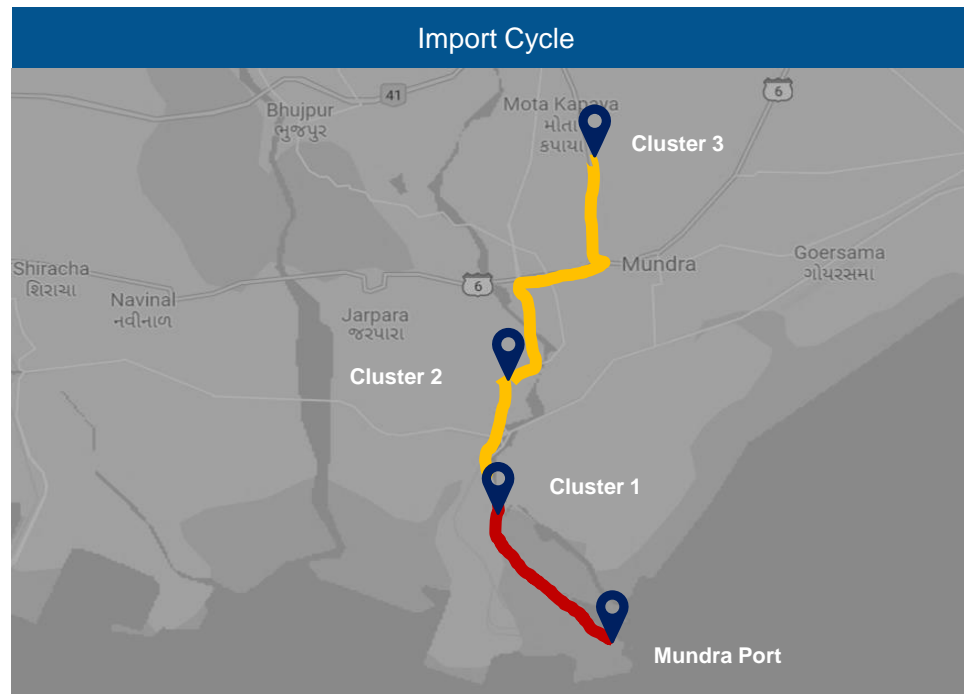


Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	8%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	27%	Medium
Cluster 3	Sonari Area, JNPA Road	2	14%	High
Cluster 4	Chirle Area, JNPA Road	1	2%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	11%	Medium
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	21%	Medium
Cluster 7	Patilpada Area, Khopate JNPA Road	3	16%	High
Cluster 8	Taloja, Navi Mumbai	1	1%	Medium

Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	6%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	21%	High
Cluster 3	Sonari Area, JNPA Road	2	15%	High
Cluster 4	Chirle Area, JNPA Road	1	4%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	10%	High
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	31%	High
Cluster 7	Patilpada Area, Khopate JNPA Road	3	12%	High
Cluster 8	Taloja, Navi Mumbai	1	1%	High

Congestion Level ■ High ■ Medium ■ Low

# Congestion Analysis: Mundra Region

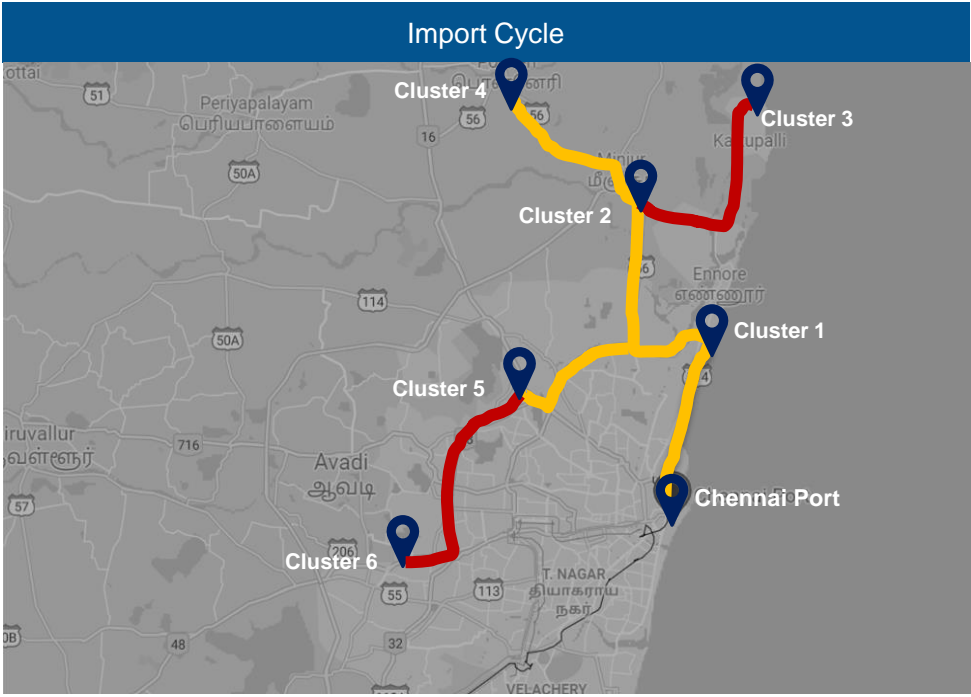


Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	APSEZ Area	12	82%	High
Cluster 2	Hind Circle	2	14%	Medium
Cluster 3	Mota Kapaya	1	4%	Medium

Congestion Level ■ High ■ Medium ■ Low



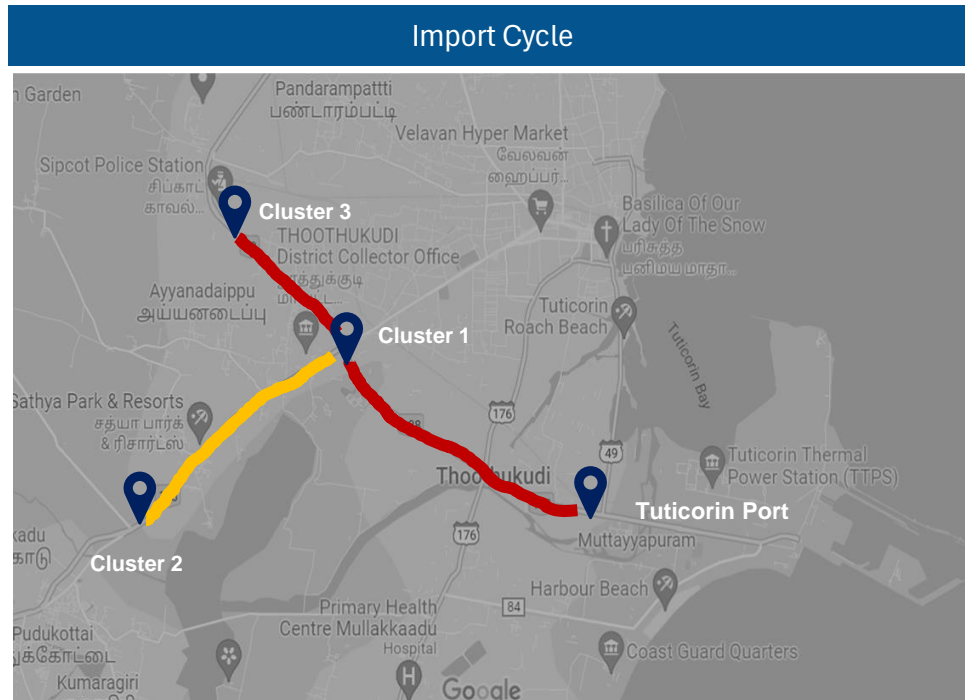
# Congestion Analysis: Chennai Region



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Thiruvottiyur High Road Junction	3	25%	Medium
Cluster 2	Aandarkuppam - Melur Junction	14	58%	Medium
Cluster 3	Kattupalli Port bound Area	2	1%	High
Cluster 4	Minjur - Ponneri bound Area	3	4%	Medium
Cluster 5	Madhavaram - Moolakadai Junction	3	6%	Medium
Cluster 6	Poonamallee - Sriperumbadur Junction	5	6%	High

Congestion Level ■ High ■ Medium ■ Low

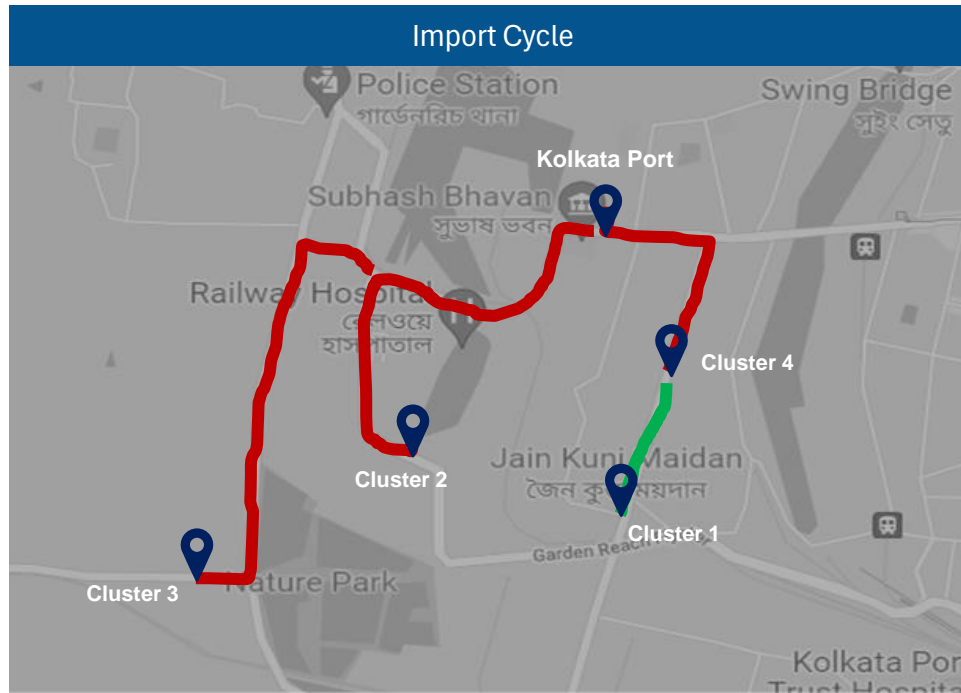
# Congestion Analysis: Tuticorin Region



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Periyannayagapuram, Thoothukudi, Madurai Road	4	33%	High
Cluster 2	Tirunelveli Road near by Podukottai	2	12%	Medium
Cluster 3	Sipcot Area near by Madurai Road	8	55%	High

Congestion Level ■ High ■ Medium ■ Low

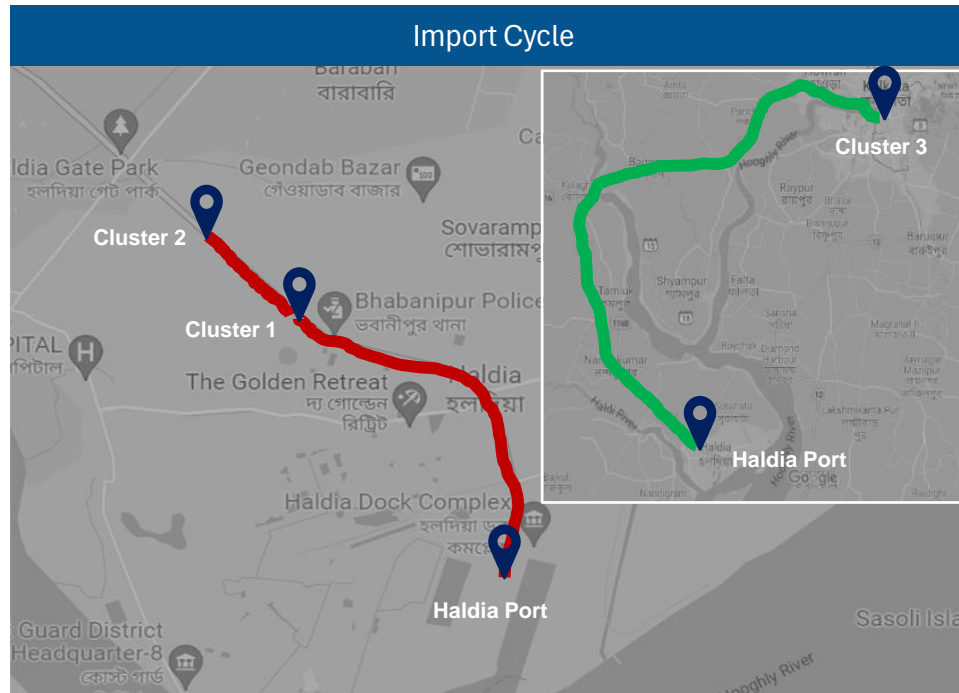
# Congestion Analysis: Kolkata Region



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Base Bridge Area	3	48%	Low
Cluster 2	Sonapur Road Area	1	23%	High
Cluster 3	Nature Park Area	1	25%	High
Cluster 4	Babu Bazar Area	1	4%	High

Congestion Level ■ High ■ Medium ■ Low

# Congestion Analysis: Haldia Region

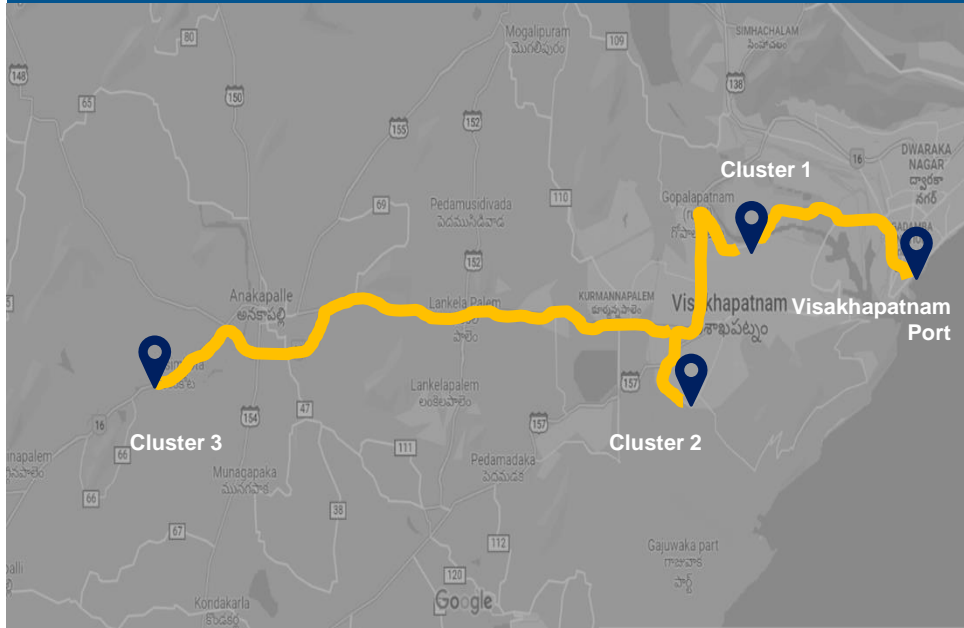


Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Talpukur Area, Kolkata Highway	1	13%	High
Cluster 2	City Centre Area, Kolkata Highway	2	69%	High
Cluster 3	Silpodanga Area	1	18%	Low

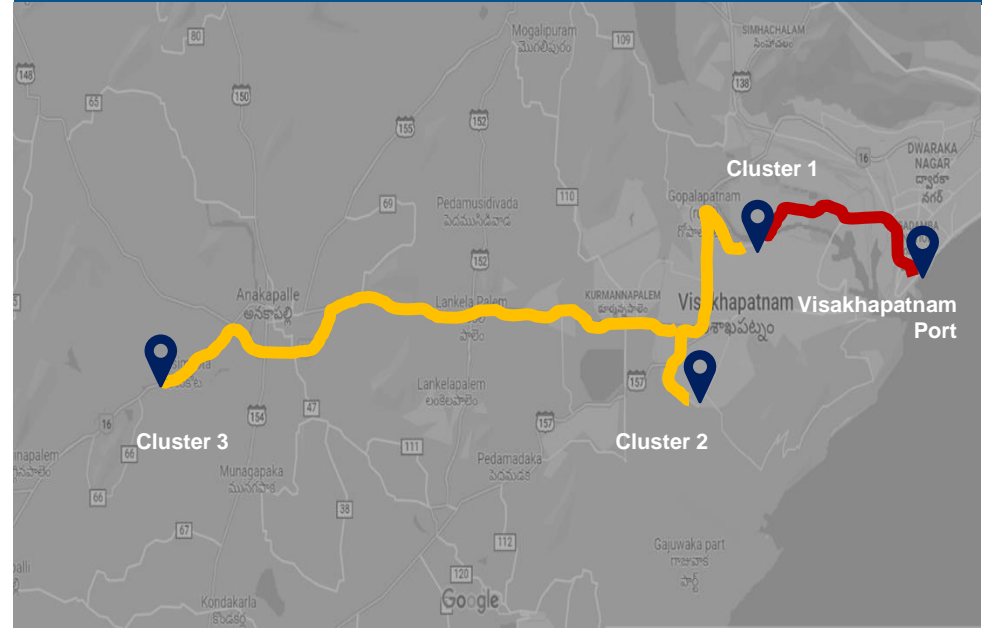
Congestion Level ■ High ■ Medium ■ Low

# Congestion Analysis: Visakhapatnam Region

Import Cycle



Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Port Road, Gopalapatnam Area	4	71%	Medium
Cluster 2	Autonagar, Gajuwaka Area	3	26%	Medium
Cluster 3	Chennai – Kolkata Highway, Bayyavaram Area	1	3%	Medium

Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Port Road, Gopalapatnam Area	4	78%	High
Cluster 2	Autonagar, Gajuwaka Area	3	21%	Medium
Cluster 3	Chennai – Kolkata Highway, Bayyavaram Area	1	1%	Medium

Congestion Level ■ High ■ Medium ■ Low

06

# TRANSIT MOVEMENT ACROSS INDIA



# Transit Movement across ICPs

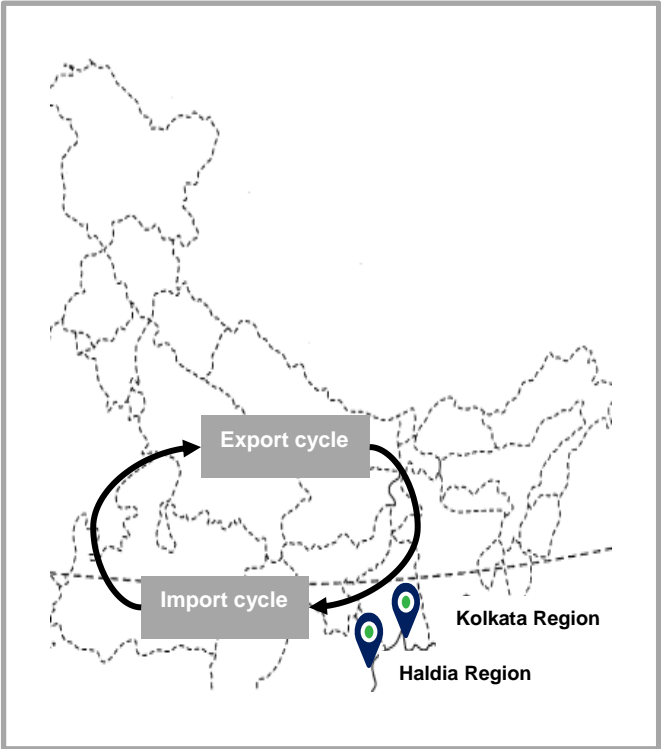
Transit movement across ICPs from Kolkata & Haldia Port Terminal:

### Kolkata Port Terminal

Import Cycle	Mode	ICP Raxaul
	Overall	100.8 hrs

### Haldia Port Terminal

Import Cycle	Mode	ICP Raxaul
	Overall	101.4 hrs



# 07 ANNEXURE





# Annexure- Name of the Port

Abbreviation	Terminal Name	Port Name
BMCT	Bharat Mumbai Container Terminal(PSA)	JNPA
GTI	Gateway Terminals India	JNPA
NSFT	Nhava Sheva Freeport Terminal	JNPA
NSIGT	Nhava Sheva India Gateway Terminal	JNPA
NSICT	Nhava Sheva International Container Terminal	JNPA
ACMTTL	Adani CMA Mundra Terminal	Mundra
AICT	Adani International Container Terminal	Mundra
AMCT	Adani Mundra Container Terminal	Mundra
AMCT-2	Adani Mundra Container Terminal-2	Mundra
MICT	Mundra International Container Terminal	Mundra
APM	APM Terminals Pipavav, Gujarat	Pipavav
KICT	Kandla International Container Terminal	Kandla
AHPL	Adani Hazira Port Limited	Hazira
MPT	Mormugao Port Trust	Goa

Abbreviation	Terminal Name	Port Name
CCTL	Chennai Container Terminal Pvt. Ltd.	Chennai
CITPL	Chennai International Terminals Pvt Ltd	Chennai
ICTT	International Container Transshipment Terminal, Kochi	Kochi
AKPPL	Adani Kattupalli Port Private Limited	Kattupalli
AECT	Adani Ennore Container Terminal	Ennore
DBGT	Dakshin Bharat Gateway Terminal	Tuticorin
PSA Sical	PSA SICAL Terminals	Tuticorin
AKCTPL	Adani Krishnapatnam Container Terminal Pvt Ltd	Krishnapatnam
NMPT	New Mangalore Port Trust Terminal	New Mangalore
KDS	Kolkata Dock System	Kolkata
HICT	Haldia International Container Terminal	Haldia
VCTPL	Visakha Container Terminal	Visakhapatnam
Paradip	Paradip International Cargo Terminal	Paradip

# Annexure- Western Region

## List of CFS names used in the Western CFS Performance Index

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

## List of ICD names used in the ICD Performance Index

1	The Thar Dry Port ICD Ahmedabad
2	Hind Terminals Logistics Park ICD, Palwal
3	Continental Warehousing Corporation Nhava Sheva pvt.
4	CONCOR Kanakpura ICD, Jaipur
5	Adani ICD, Tumb
6	The Thar Dry Port Jodhpur
7	KLPL ICD, Kanpur
8	Allcargo Logistics Park ICD, Dadri
9	CMA CGM Logistics Park, Dadri
10	Vaishno Container Terminal-ICD Tarapur
11	ICD Jajpur (Jindal Stainless Ltd.)
12	Gateway Rail Freight ICD, Pyala
13	CONCOR ICD, Dadri
14	Kribhco ICD, Meerut
15	Adani Logistics Park ICD, Gurgaon
16	APM Terminals ICD, Dadri
17	ICD KIFTPL Kashipur
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