



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

# LOGISTICS DATA BANK


ANALYTICS REPORT

**JULY  
2024**

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**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 AVUSHA	<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	

ASHWINI VAISHNAW  
MINISTER OF RAILWAYS, COMMUNICATIONS  
AND ELECTRONICS AND INFORMATION  
TECHNOLOGY

SARBANANDA SONOWAL  
MINISTER OF PORT, SHIPPING AND WATERWAYS  
AND AVUSHA

NITIN JAIRAM GADKARI  
MINISTER OF ROAD TRANSPORT AND  
HIGHWAYS

PRIME MINISTER

PIYUSH GOYAL  
MINISTER OF COMMERCE AND INDUSTRY,  
CONSUMER AFFAIRS, FOOD AND  
PUBLIC DISTRIBUTION AND TEXTILES

DHARMENDRA PRADHAN  
MINISTER OF EDUCATION AND  
SKILL DEVELOPMENT AND ENTREPRENEURSHIP

JYOTIRADITYA M. SCINDIA  
MINISTER OF CIVIL AVIATION AND STEEL

SOM PARKASH  
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

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❖ CFS Performance Benchmarking			
❖ Individual Port Performance			
❖ Toll Plaza Analysis			



## Team Members

Girish Kumar Surpur (CEO), Ashish Sonbarse, Monika Gupta, Nidhi Chaturvedi, Shruti Gupta, Amit Patil, Mohan Saini, Atanu Manna, Anshuman Patnaik, Amir Ali, Akbar Ansari, Kusum Lata, Saurabh Chaturvedi, Deepak Yadav, Roshni Rastogi, Atul Sharma, Amit Kumar, Manya Sharma, Rishabh Sharma, Deepu Kam

# LDB AT A GLANCE

## 73 MILLION<sup>+</sup>

CONTAINERS HANDLED

159

Toll Plaza Coverage

535<sup>+</sup>

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

600<sup>+</sup>

Operators  
deployed at ports

100%

EXIM Container  
Terminals covered

3850<sup>+</sup>

RFID readers  
deployed PAN India

EDI


with FOIS and  
28 Port Terminals

## PORT PERFORMANCE

(June'24 vs July'24)

### DWELL TIME

#### WESTERN REGION


Import Cycle : 1.1%   
(27.1 hrs to 26.8 hrs)

Export Cycle : 1.2%   
(99.8 hrs to 101 hrs)

TOP-PERFORMER :  
Gateway Terminals  
India (GTI)


#### EASTERN REGION


Import Cycle : 12%   
(50.0 hrs to 56.0 hrs)

Export Cycle : 9.3%   
(113.2 hrs to 102.7 hrs)

TOP-PERFORMER :  
Chennai Container  
Terminal Pvt. Ltd. (CCTL)

#### SOUTHERN REGION

Import Cycle : 4.0%   
(42.2 hrs to 40.5 hrs)

Export Cycle : 3.8%   
(102.5 hrs to 98.6 hrs)

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

### TOP PERFORMERS OF JULY 2024 PAN INDIA



#### TERMINAL

Gateway Terminals India  
(GTI)



#### CFS

Sical CFS, Chennai  
Tiruvallur Tamil Nadu



#### ICD

CONCOR ICD, Dadri

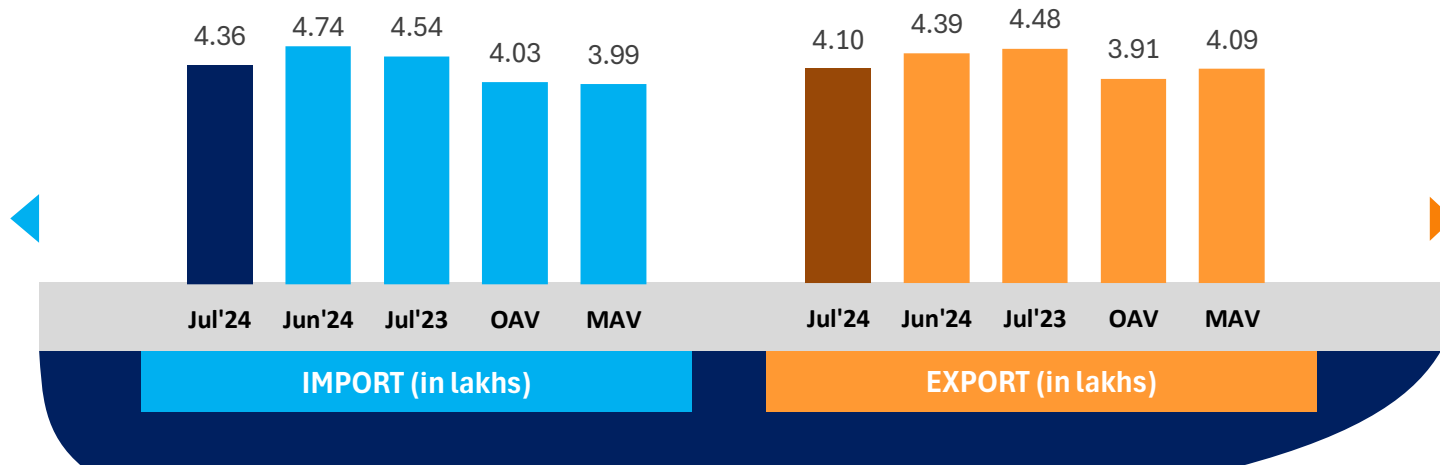


# 01 PAN INDIA PERFORMANCE

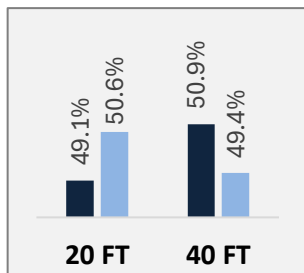


# Container Count: PAN India

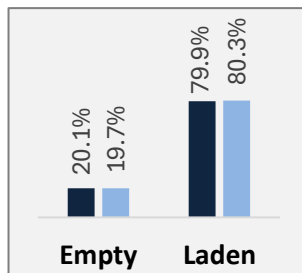
## PAN India



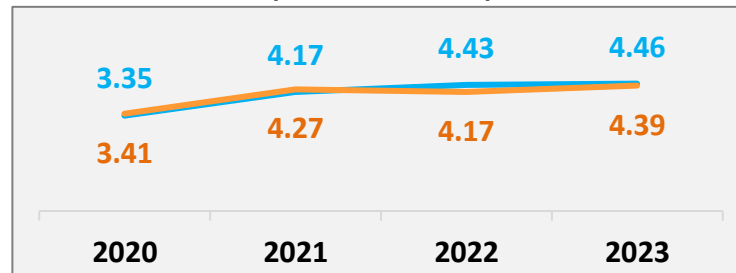
### Container Size-wise (Import)



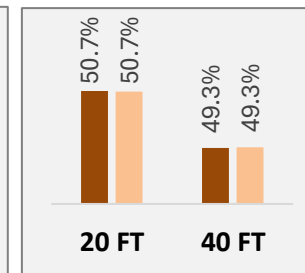
### Container Type-wise (Import)



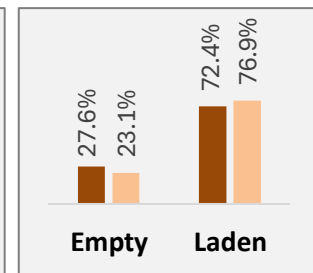
### Container Count - Annual Average (in lakhs/ month)



### Container Size-wise (Export)



### Container Type-wise (Export)

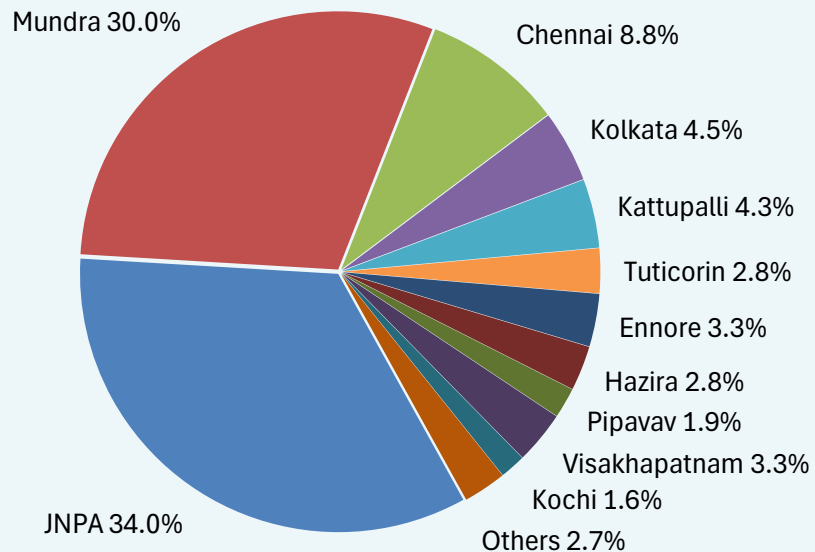


OAV – Overall Avg Volume  
MAV – Monthly Avg Volume

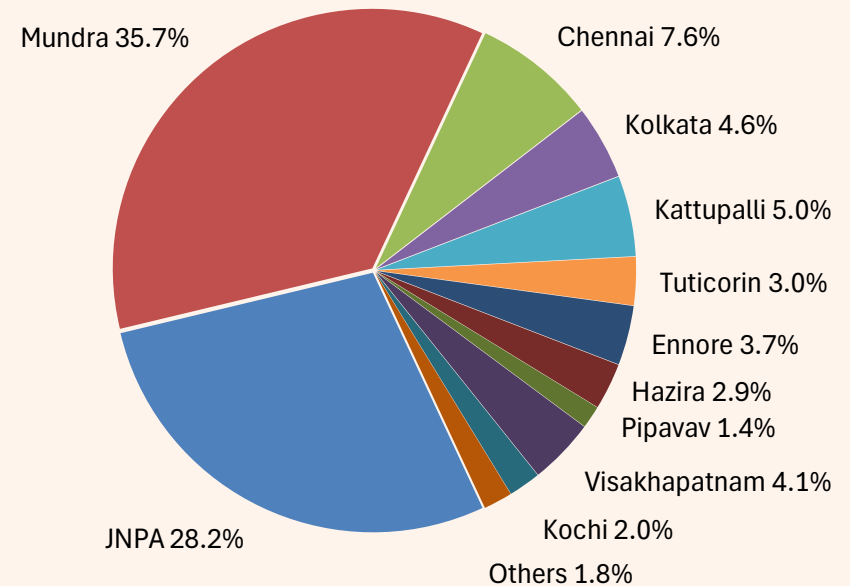
# PAN India Distribution

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

**Import Containers Distribution (51.5%)**  
(Container count in % for Jul'24)



**Export Containers Distribution (48.5%)**  
(Container count in % for Jul'24)



In the previous month, container distribution in Import and Export cycle was 51.9% and 48.1% respectively.

Others include Kandla, Haldia, Paradip and New Mangalore

# Key Observations

In comparison with June 2024:

## Pan India

- Container count (no. of boxes) has **reduced by 8%** in import cycle, majorly due to decrease in import container handling at western and southern region by 10% and 9% respectively
- Container count (no. of boxes) has **reduced by 7%** in export cycle, majorly due to decrease in export container handling at western and southern region by 6% and 14% respectively
- Top performing terminal for this month is Gateway Terminals India (GTI) (JNPA port)

## Western Region

- JNPA port dwell time of rail-bound containers' **performance has improved by 40%** in import cycle due to timely availability of rail racks
- Mundra port dwell time of rail-bound containers' **performance has improved by 32%** in import cycle as 5 additional rail tracks are now operational at port location
- Kandla port dwell time **performance has improved by 32%** in import cycle as import container volume has reduced by 60%

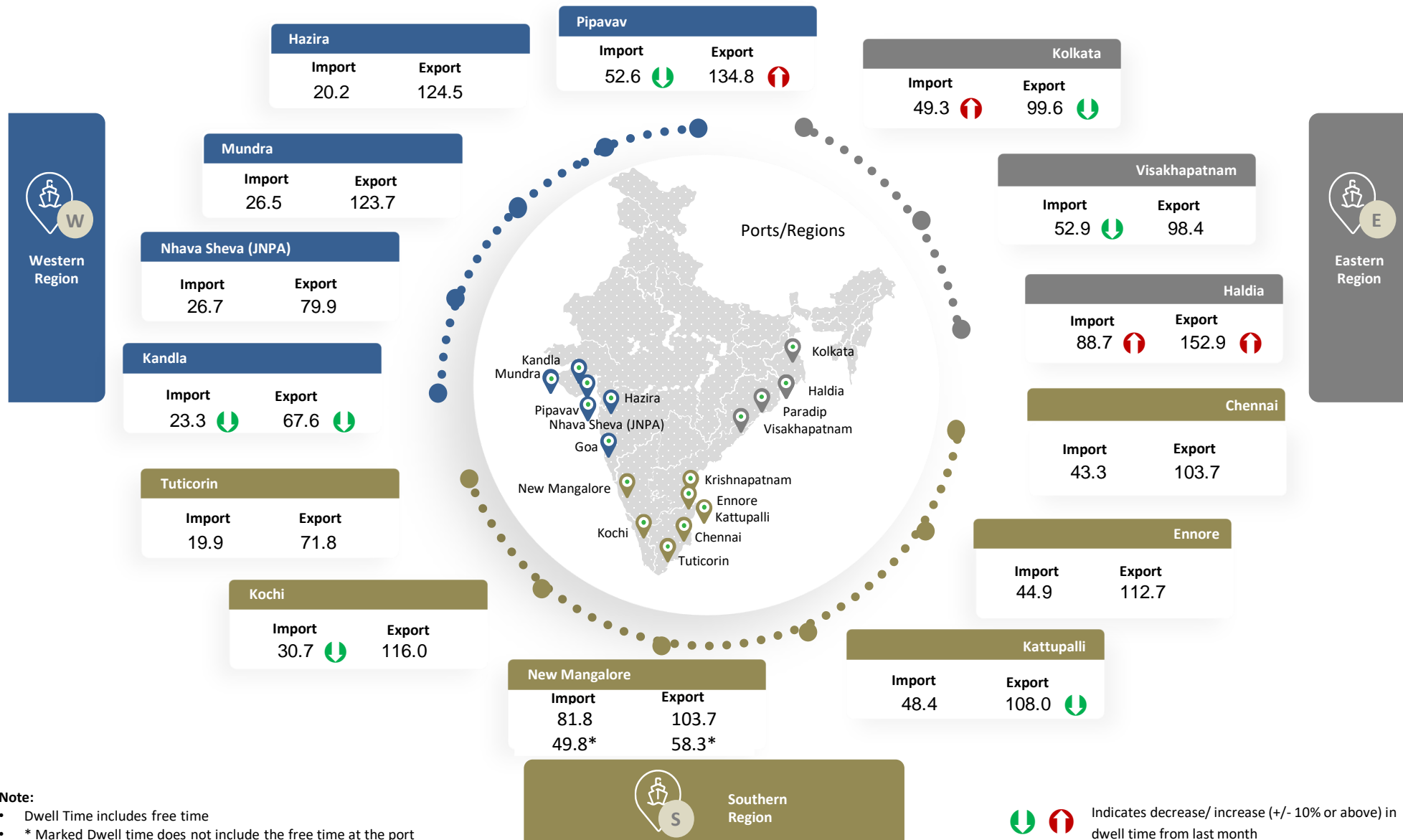
## Southern Region

- Kochi port dwell time **performance has improved by 25%** in import cycle as import container volume has reduced by 14%
- CFS to Chennai Port **transit time has increased by 45%** as transit movement between CFS to port is getting impacted due to increased vessel bunching at the port owing to Red Sea crisis

## Eastern Region



- Kolkata port dwell time **performance has improved by 27%** in export cycle as the export containers were handled on priority due to festival season
- Visakhapatnam port dwell time **performance has improved by 19%** in import cycle as vessels were cleared on priority to reach their next destination within the specified window
- Kolkata port dwell time **performance has reduced by 29%** in import cycle as the import container volume has increased by 11%.
- Haldia port dwell time **performance has reduced by 31%** in import cycle as import container volume has increased by 53% leading to increase in container clearance time

# Dwell Time Performance (July 2024): PAN India





# Dwell Time Performance: Region-wise Port Import & Export Cycle



## Western Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
Jul'24	26.8 	101.0 
Jun'24	27.1	99.8
Jul'23	33.1	81.5
OADT	25.0	90.6
MADT	27.1	92.3



## Southern Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
Jul'24	40.5 	98.6 
Jun'24	42.2	102.5
Jul'23	38.6	78.1
OADT	42.2	85.7
MADT	39.1	84.9

## Eastern Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
Jul'24	56.0 	102.7 
Jun'24	50.0	113.2
Jul'23	56.1	102.7
OADT	48.2	104.6
MADT	53.1	111.0

OADT – Overall Avg Dwell Time  
MADT – Monthly Avg Dwell Time

  Indicates decrease/ increase in dwell time from last month

# Dwell Time Performance: Port Import Cycle

IMPORT

	Jul'24 (in hrs)		Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
<b>Western Region</b>	<b>26.8</b>		<b>27.1</b>	<b>33.1</b>	<b>25.0</b>	<b>27.1</b>
JNPA	26.7	↑	26.3	20.3	21.5	22.2
Mundra	26.5	↓	27.5	62.1	27.9	33.8
Pipavav	52.6	↓	66.2	94.8	53.0	61.5
Kandla	23.3	↓	34.3	49.6	47.3	44.3
Hazira	20.2	↑	19.9	58.2	32.9	34.7
<b>Southern Region</b>	<b>40.5</b>		<b>42.2</b>	<b>38.6</b>	<b>42.2</b>	<b>39.1</b>
Chennai	43.3	↑	42.7	41.2	43.8	41.1
Kochi	30.7	↓	41.2	39.2	44.5	38.7
Kattupalli	48.4	↓	52.1	39.6	59.7	50.4
Tuticorin	19.9	↓	21.4	23.7	22.2	20.6
Ennore	44.9	↓	48.9	36.3	42.8	40.7
New Mangalore	49.8*	↑	39.8*	97.1	97.9	122.5
<b>Eastern Region</b>	<b>56.0</b>		<b>50.0</b>	<b>56.1</b>	<b>48.2</b>	<b>53.1</b>
Visakhapatnam	52.9	↓	65.6	76.6	57.5	65.3
Kolkata	49.3	↑	38.2	37.0	35.3	36.2
Haldia	88.7	↑	67.8	68.7	89.1	90.7

OADT – Overall Avg Dwell Time  
MADT – Monthly Avg Dwell Time

**\*Note:** Marked months' New Mangalore dwell time does not include the free time at the port



Indicates decrease/increase in dwell time from last month

# Dwell Time Performance: Port Export Cycle

EXPORT

	Jul'24 (in hrs)		Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
<b>Western Region</b>	<b>101.0</b>		<b>99.8</b>	<b>81.5</b>	<b>90.6</b>	<b>92.3</b>
JNPA	79.9	↓	80.9	71.8	72.7	75.4
Mundra	123.7	↑	116.9	91.1	113.1	113.2
Pipavav	134.8	↑	122.4	111.2	123.0	122.6
Kandla	67.6	↓	91.7	89.7	111.2	108.8
Hazira	124.5	↓	133.0	98.9	117.0	116.5
<b>Southern Region</b>	<b>98.6</b>		<b>102.5</b>	<b>78.1</b>	<b>85.7</b>	<b>84.9</b>
Chennai	103.7	↑	102.3	78.5	90.8	91.1
Kochi	116.0	↓	116.4	93.4	87.9	88.4
Kattupalli	108.0	↓	129.2	74.0	94.7	94.3
Tuticorin	71.8	↑	67.2	48.7	64.0	60.0
Ennore	112.7	↑	112.2	92.0	99.9	98.6
New Mangalore	58.3*	↓	59.8*	93.7	98.7	109.6
<b>Eastern Region</b>	<b>102.7</b>		<b>113.2</b>	<b>102.7</b>	<b>104.6</b>	<b>111.0</b>
Visakhapatnam	98.4	↓	100.0	88.0	91.7	90.9
Kolkata	99.6	↓	136.9	139.9	118.5	139.5
Haldia	152.9	↑	120.0	72.0	122.0	127.3

OADT – Overall Avg Dwell Time  
MADT – Monthly Avg Dwell Time

**\*Note:** Marked months' New Mangalore dwell time does not include the free time at the port

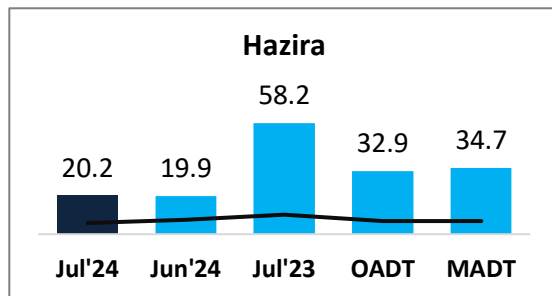
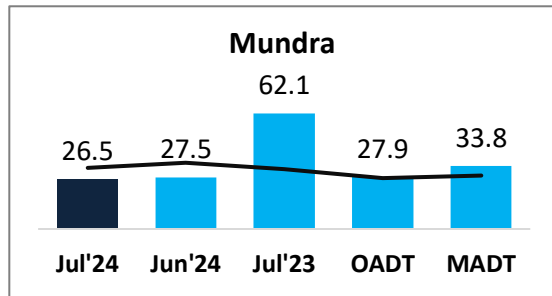
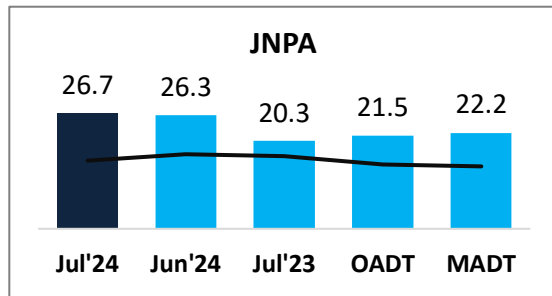


Indicates decrease/increase in dwell time from last month

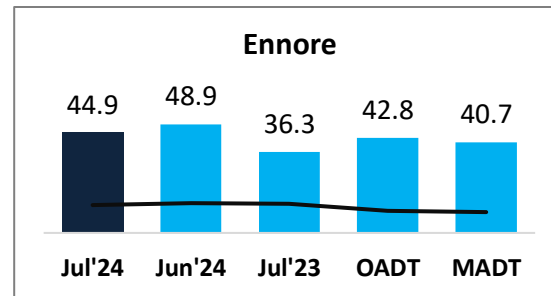
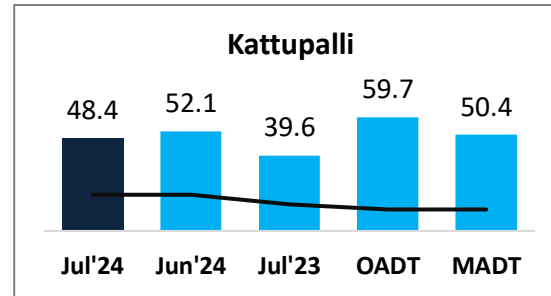
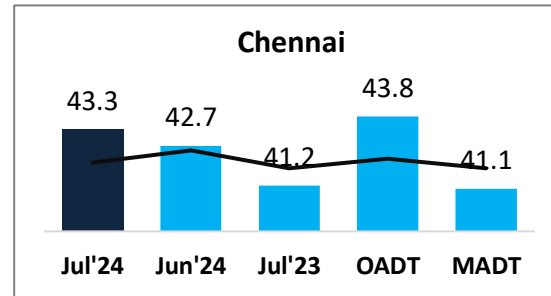
# Port Performance Comparison: Import Cycle

Port dwell time performance across various time frames:

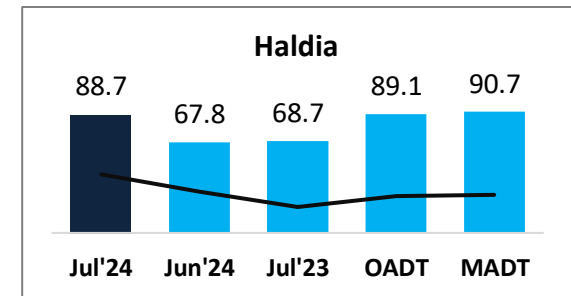
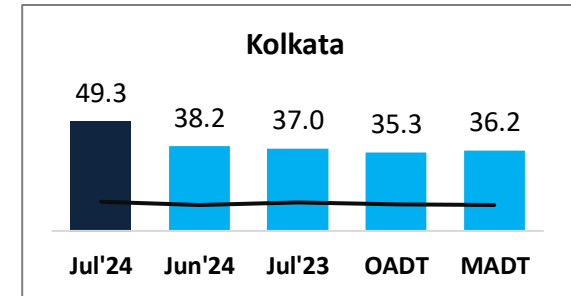
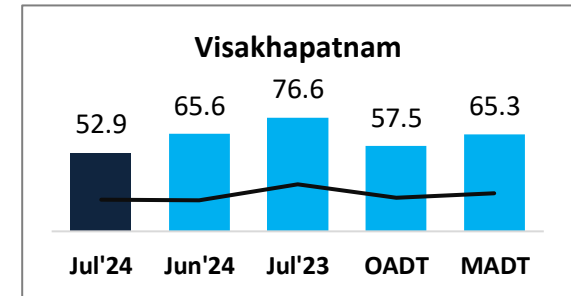
## Western Region (Container count share 69.2%)



## Southern Region (Container count share 21.5%)



## Eastern Region (Container count share 9.3%)



— Represents the trend of container count (no. of boxes)

OADT – Overall Avg Dwell Time

MADT – Monthly Avg Dwell Time

### Note:

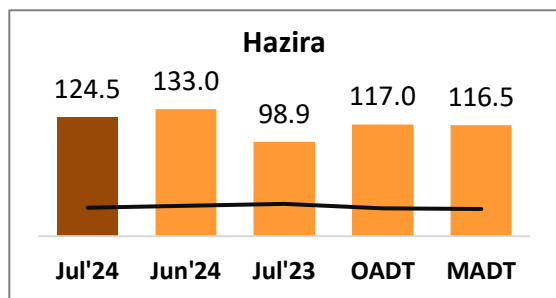
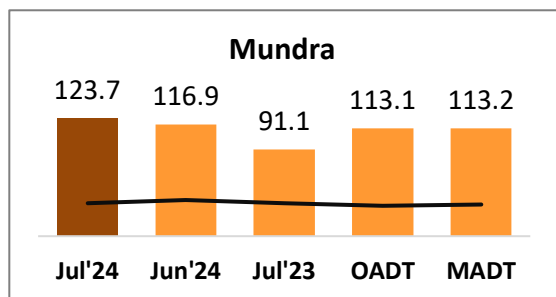
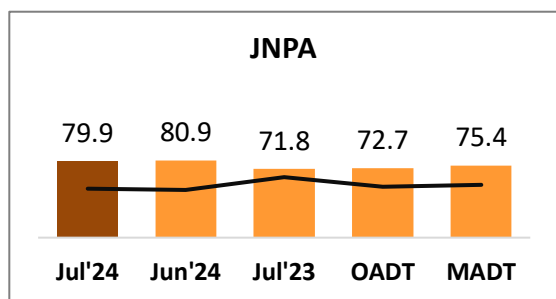
All values are in hours

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

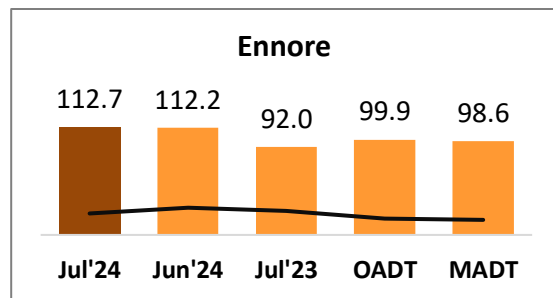
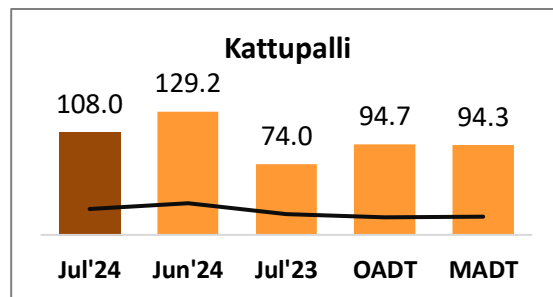
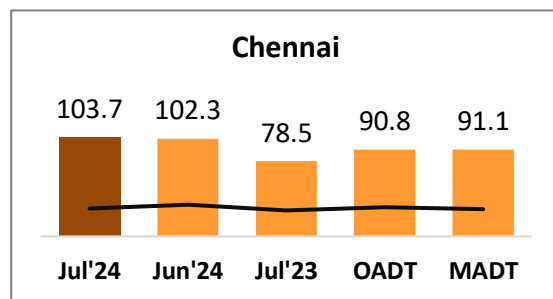
# Port Performance Comparison: Export Cycle

Port dwell time performance across various time frames:

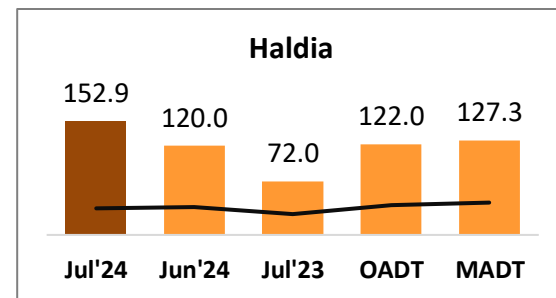
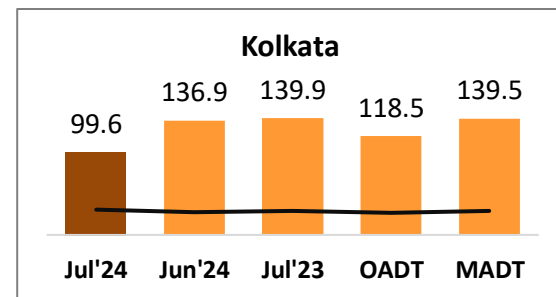
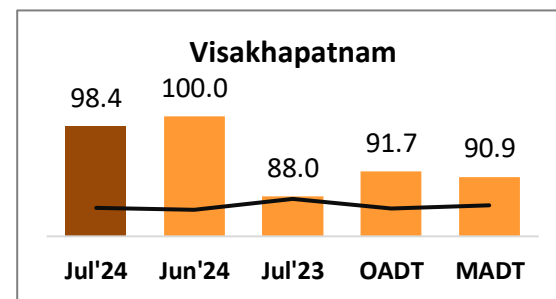
## Western Region (Container count share 68.4%)



## Southern Region (Container count share 21.9%)



## Eastern Region (Container count share 9.7%)



— Represents the trend of container count (no. of boxes)  
OADT – Overall Avg Dwell Time  
MADT – Monthly Avg Dwell Time

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

# Dwell Time Performance: Entry & Exit Type – Region wise

Port dwell time of containers based on container entry and exit type:

## DPD

IMPORT		Jul'24 (in hrs)		Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
	Western	23.6	↓	25.2	31.6	31.6	31.5
	Southern	72.3	↑	69.7	45.2	66.4	75.6
	Eastern	88.9	↓	90.6	79.6	79.7	79.5

## Non DPD

IMPORT		Jul'24 (in hrs)		Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
	Western	27.2	↓	27.4	30.7	23.4	25.4
	Southern	39.0	↓	41.3	34.1	33.1	30.2
	Eastern	50.8	↑	45.7	53.6	47.8	51.6

## DPE

EXPORT		Jul'24 (in hrs)		Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
	Western	83.6	↑	80.7	73.8	76.5	79.0
	Southern	116.0	↓	116.4	94.4	88.7	89.3
	Eastern	134.5	↓	147.3	130.4	120.0	130.2

## Non DPE

EXPORT		Jul'24 (in hrs)		Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
	Western	102.9	↑	102.7	72.6	79.9	84.0
	Southern	98.2	↓	102.8	59.5	76.1	74.4
	Eastern	86.1	↓	93.1	85.2	91.5	92.4



OADT – Overall Avg Dwell Time  
MADT – Monthly Avg Dwell Time

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

# Dwell Time Performance: Container Size – Region wise

Port dwell time of containers based on container size:

## 40 FT

IMPORT		Jul'24 (in hrs)	Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)	
	Western	28.6	28.6	29.9	24.8	27.1	
	Southern	41.7		43.1	38.3	39.8	37.3
	Eastern	53.8		45.1	47.3	43.4	45.6

## 20 FT

IMPORT		Jul'24 (in hrs)		Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
	Western	25.1	⬇️	25.7	37.1	25.1	27.2
	Southern	39.1	⬇️	41.3	38.7	44.1	40.4
	Eastern	57.7	⬆️	53.4	59.7	51.6	57.6

## 40 FT

EXPORT		Jul'24 (in hrs)	Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)	
	Western	101.4	↑	97.6	82.1	90.0	92.4
	Southern	102.9	↓	104.3	79.0	88.5	86.3
	Eastern	109.3	↓	111.2	108.5	104.4	117.2

## 20 FT

EXPORT		Jul'24 (in hrs)		Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
	Western	100.7	📉	101.7	81.1	91.2	92.2
	Southern	93.8	📉	100.5	77.3	83.0	83.2
	Eastern	99.9	📉	114.1	99.7	104.8	108.4

OADT – Overall Avg Dwell Time  
 MADT – Monthly Avg Dwell Time

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

## Dwell Time Performance: Container State – Region wise

Port dwell time of containers based on container state:

### Empty

IMPORT		Jul'24 (in hrs)		Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
	Western	26.6	↑	26.3	50.5	32.1	34.1
	Southern	44.0	↓	45.8	37.3	35.3	36.4
	Eastern	72.0	↓	95.8	68.9	61.3	70.5

### Laden

IMPORT		Jul'24 (in hrs)		Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
	Western	26.9	↓	27.4	29.6	22.5	24.8
	Southern	37.7	↑	37.2	39.7	41.7	38.8
	Eastern	53.1	↑	44.8	52.8	50.7	55.5

### Empty

EXPORT		Jul'24 (in hrs)		Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
	Western	73.5	↑	73.3	63.5	67.5	67.3
	Southern	108.3	↑	95.5	80.8	75.6	84.9
	Eastern	49.4	↓	52.9	63.6	55.8	60.1

### Laden

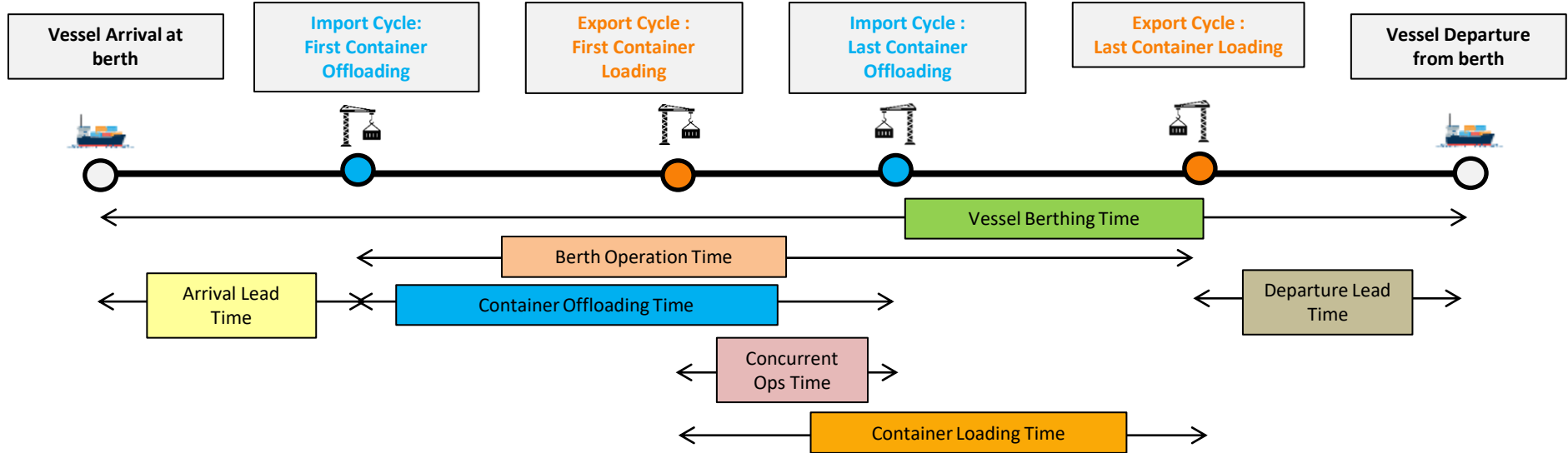
EXPORT		Jul'24 (in hrs)		Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
	Western	110.1	↑	107.2	85.8	90.7	92.9
	Southern	92.5	↓	94.3	75.9	88.0	86.1
	Eastern	126.6	↓	139.2	110.2	114.3	116.6

OADT – Overall Avg Dwell Time  
 MADT – Monthly Avg Dwell Time



Indicates decrease/increase in dwell time from last month

# Vessel Analysis: PAN India



Jul'24

PAN India

Mundra

JNPA

Other Western

Southern

Eastern

**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.)**

22.6

1.9

3.5

2.1

2.8

61.8%

1.3

31.4

3.0

3.1

1.7

2.1

62.5%

1.1

21.7

1.1

2.5

2.2

4.4

63.7%

1.1

25.2

1.9

2.8

1.1

2.9

92.6%

1.0

20.9

1.9

2.6

1.6

2.0

49.0%

1.4

22.2

2.2

7.6

4.5

5.3

44.8%

2.1

# Performance Benchmarking: PAN India Terminals

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



X-Axis: Dwell Time

\*Note: For MCTPL the free time is not included in the calculations

Y-Axis: No. of Boxes

**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

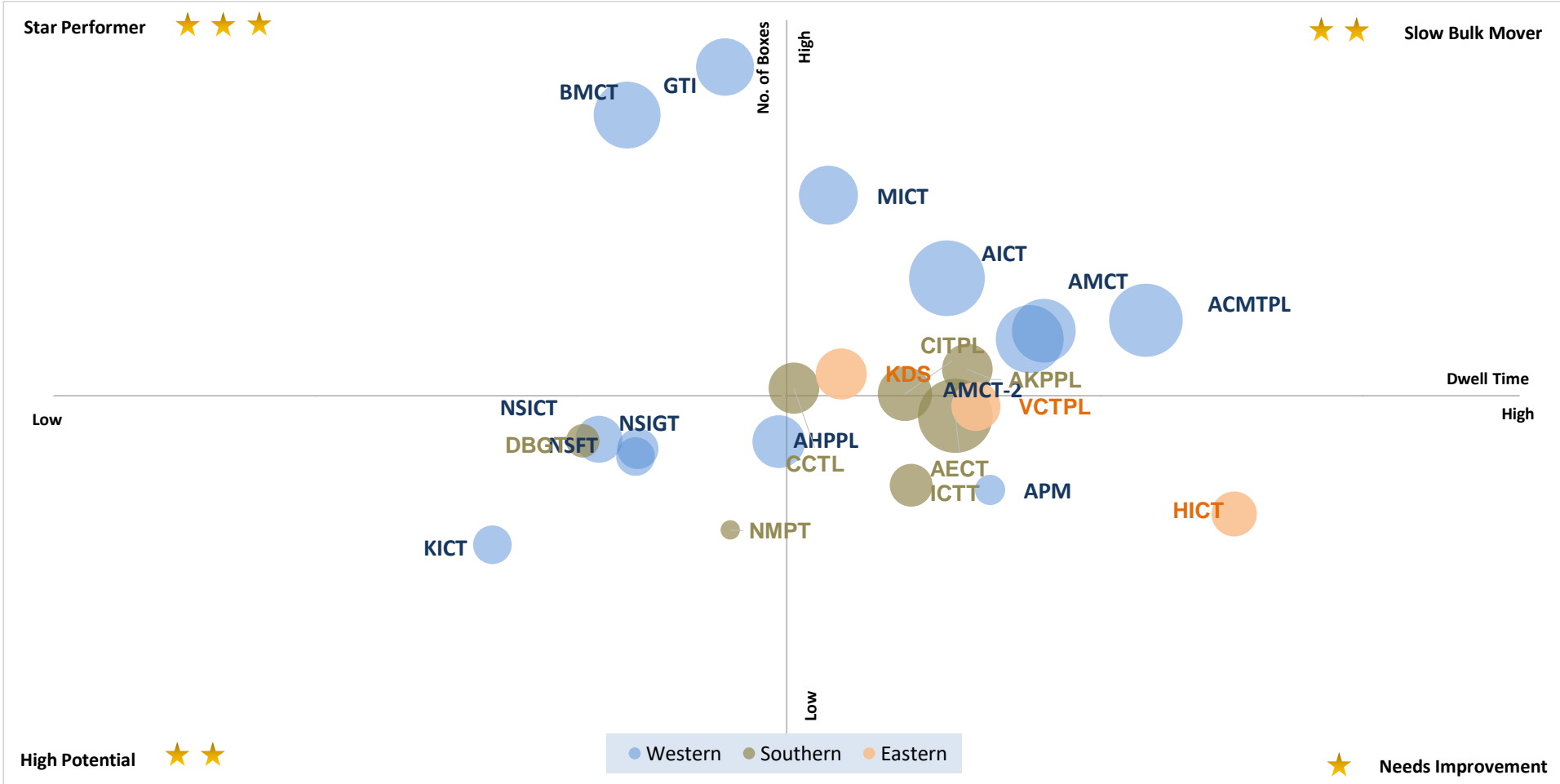
**Needs Improvement** ★

Entities with low container count and high dwell time

Abb.	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	5.86%
B	Adani Hazira Port Private Limited (AHPPL)	2.85%
C	Adani International Container Terminal (AICTPL)	6.91%
D	Adani Mundra Container Terminal (AMCT)	5.61%
E	Bharat Mumbai Container Terminals (PSA)	10.96%
F	Gateway Terminals India (GTI)	12.15%
G	APM Terminals Pipavav, Gujarat	1.66%
H	Nhava Sheva Freeport Terminal (NSFT)	2.68%
I	Mundra International Container Terminal (MICT)	8.97%
J	Nhava Sheva India Gateway Terminal (NSIGT)	2.48%
K	Nhava Sheva International Container Terminal (NSICT)	2.92%
L	Kandla International Container Terminal (KICT)	0.30%
M	Adani Mundra Container Terminal-2 (AMCT-2)	5.41%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.18%
O	Chennai International Terminals Pvt Ltd (CITPL)	4.04%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.88%
Q	International Container Transshipment Terminal, Kochi	1.78%
R	Adani Kattupalli Port Private Limited (AKPPL)	4.66%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)*	0.67%
U	Adani Ennore Container Terminal	3.50%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	1.06%
X	Kolkata Dock System (KDS) , Kolkata Port	4.53%
Y	Visakha Container Terminal	3.94%

# Performance Benchmarking: PAN India Terminals

Performance benchmarking of terminals based on dwell time, container count (no. of boxes) handled, and terminal capacity for Jul'24:



X-Axis: Dwell Time

○ Bubble size represents the terminal capacity

Y-Axis: No. of Boxes

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

Note: Terminal abbreviation details are mentioned in annexure

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

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



Abb.	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	5.86%
B	Adani Hazira Port Private Limited (AHPPL)	2.85%
C	Adani International Container Terminal (AICTPL)	6.91%
D	Adani Mundra Container Terminal (AMCT)	5.61%
E	Bharat Mumbai Container Terminals(PSA)	10.96%
F	Gateway Terminals India (GTI)	12.15%
G	APM Terminals Pipavav, Gujarat	1.66%
H	Nhava Sheva Freeport Terminal (NSFT)	2.68%
I	Mundra International Container Terminal (MICT)	8.97%
J	Nhava Sheva India Gateway Terminal (NSIGT)	2.48%
K	Nhava Sheva International Container Terminal (NSICT)	2.92%
L	Kandla International Container Terminal (KICT)	0.30%
M	Adani Mundra Container Terminal-2 (AMCT-2)	5.41%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.18%
O	Chennai International Terminals Pvt Ltd (CITPL)	4.04%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.88%
Q	International Container Transshipment Terminal, Kochi	1.78%
R	Adani Kattupalli Port Private Limited (AKPPL)	4.66%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)*	0.67%
U	Adani Ennore Container Terminal	3.50%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haladia International Container Terminal (HICT)	1.06%
X	Kolkata Dock System (KDS) , Kolkata Port	4.53%
Y	Visakha Container Terminal	3.94%

**X-Axis:** Change in dwell time

\*Note: For MCTPL the free time is not included in the calculations for current month

**Y-Axis:** Change in no. of boxes

**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 terminals based on dwell time vis-a-vis capacity (in TEU):



X-Axis: Dwell Time

\*Note: For MCTPL the free time is not included in the calculations

Y-Axis: TEU Capacity

**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

Abb.	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	5.86%
B	Adani Hazira Port Private Limited (AHPPL)	2.85%
C	Adani International Container Terminal (AICTPL)	6.91%
D	Adani Mundra Container Terminal (AMCT)	5.61%
E	Bharat Mumbai Container Terminals (PSA)	10.96%
F	Gateway Terminals India (GTI)	12.15%
G	APM Terminals Pipavav, Gujarat	1.66%
H	Nhava Sheva Freeport Terminal (NSFT)	2.68%
I	Mundra International Container Terminal (MICT)	8.97%
J	Nhava Sheva India Gateway Terminal (NSIGT)	2.48%
K	Nhava Sheva International Container Terminal (NSICT)	2.92%
L	Kandla International Container Terminal (KICT)	0.30%
M	Adani Mundra Container Terminal-2 (AMCT-2)	5.41%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.18%
O	Chennai International Terminals Pvt Ltd (CITPL)	4.04%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.88%
Q	International Container Transshipment Terminal, Kochi	1.78%
R	Adani Kattupalli Port Private Limited (AKPPL)	4.66%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)*	0.67%
U	Adani Ennore Container Terminal	3.50%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	1.06%
X	Kolkata Dock System (KDS) , Kolkata Port	4.53%
Y	Visakha Container Terminal	3.94%

# Dwell Time Performance: CFS Import Cycle

IMPORT

	Jul'24 (in hrs)		Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
<b>Western Region</b>	<b>91.7</b>		<b>88.2</b>	<b>100.1</b>	<b>92.1</b>	<b>93.8</b>
JNPA	84.0	↑	80.9	87.5	85.2	83.9
Mundra	100.7	↑	98.8	112.4	98.1	103.9
Pipavav	84.4	↑	81.4	92.6	85.4	91.1
Hazira	100.4	↓	105.4	110.1	104.4	110.8
<b>Southern Region</b>	<b>122.5</b>		<b>120.3</b>	<b>134.9</b>	<b>116.0</b>	<b>128.2</b>
Chennai, Ennore, Kattupalli	112.9	↑	109.7	119.6	110.1	117.0
Kochi	125.6	↑	124.5	127.6	123.5	124.6
Tuticorin	164.1	↑	160.2	184.2	150.5	173.3
<b>Eastern Region</b>	<b>150.5</b>		<b>158.2</b>	<b>149.6</b>	<b>139.4</b>	<b>145.4</b>
Visakhapatnam	185.0	↑	182.4	180.0	160.1	173.6
Kolkata	141.4	↓	151.6	138.0	133.3	135.6
Haldia	145.0	↑	137.4	126.2	127.0	148.6

Below are number of CFSs across various ports:

JNPA	Mundra	Pipavav	Hazira	Chennai, Ennore, Kattupalli	Kochi	Tuticorin	Visakhapatnam	Kolkata	Haldia
34	15	3	5	32	5	17	9	7	4

OADT – Overall Avg Dwell Time  
MADT – Monthly Avg Dwell Time



Indicates decrease/increase in dwell time from last month

# Dwell Time Performance: CFS Export Cycle

EXPORT		Jul'24 (in hrs)		Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
	Western Region	74.4		70.3	62.3	67.5	69.9
	JNPA	72.9	↑	68.8	64.9	75.1	75.5
	Mundra	75.2	↑	71.9	60.0	58.0	64.8
	Pipavav	103.2	↓	127.0	72.2	69.9	61.1
	Southern Region	46.0		44.5	30.4	38.0	36.1
	Chennai, Ennore, Kattupalli	50.4	↑	50.2	32.6	43.4	41.1
	Tuticorin	26.8	↓	27.2	24.1	24.8	24.8
	Eastern Region	98.0		101.8	97.0	95.8	92.9
	Visakhapatnam	96.8	↑	90.9	95.8	83.4	92.5
	Kolkata	108.3	↓	117.4	100.8	103.8	94.8

Below are number of CFSs across various ports:

JNPA	Mundra	Pipavav	Hazira	Chennai, Ennore, Kattupalli	Kochi	Tuticorin	Visakhapatnam	Kolkata	Haldia
34	15	3	5	32	5	17	9	7	4

OADT – Overall Avg Dwell Time  
MADT – Monthly Avg Dwell Time

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

# Performance Benchmarking: PAN India CFSs

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





# Dwell Time Performance: ICD Import & Export Cycle

IMPORT		Jul'24 (in hrs)		Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
	Western Region	117.9	↑	104.3	122.9	135.4	123.5
	Southern Region	124.5	↑	114.2	160.6	132.9	126.1
	Eastern Region	122.3	↑	109.7	73.7	112.7	110.5
	Northern Region	107.7	↑	105.3	119.2	133.0	124.3

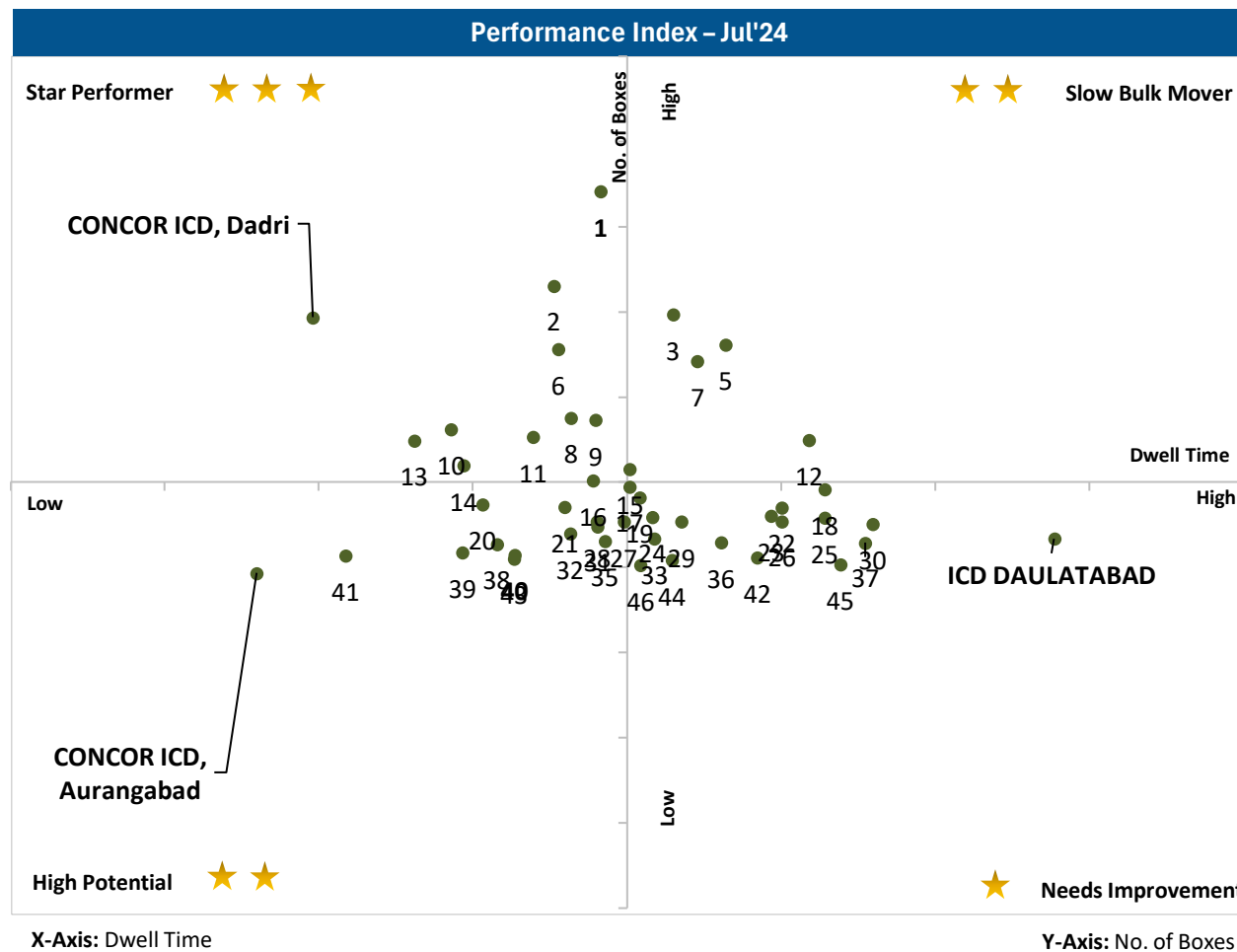
EXPORT		Jul'24 (in hrs)		Jun'24 (in hrs)	Jul'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
	Western Region	101.3	↑	101.2	100.6	93.5	94.9
	Northern Region	92.7	↓	98.2	110.2	99.4	98.7

OADT – Overall Avg Dwell Time  
MADT – Monthly Avg Dwell Time

  Indicates decrease/increase in dwell time from last month

# ICD Performance Benchmarking: PAN India

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



## Note:

Please refer annexure for ICD names

# Dwell Time Performance: Domestic Containers

Terminal dwell time performance for handling domestic containers:

		Dwell time for handling domestic containers		Overall domestic containers distribution among terminals			
Terminals		Jul'24 (in hrs)		Jun'24 (in hrs)		Jul'24 (%)	Jun'24 (%)
	International Container Transshipment Terminal, Kochi	58.3	↓	62.9		28.40%	28.30%
	PSA SICAL Terminals	131.0	↑	69.4		12.90%	11.60%
	Visakha Container Terminal	50.9	↓	65.1		12.60%	10.90%
	Bharat Mumbai Container Terminals(PSA)	15.3	↑	13.2		7.40%	5.90%
	Nhava Sheva Freeport Terminal (NSFT)	16.4	↓	38.3		6.90%	8.40%
	Mangalore Container Terminal Private Limited (MCTPL)	98.7	↑	81.8		6.30%	5.20%
	Kandla International Container Terminal (KICT)	177.1	↑	165.0		5.80%	4.60%
	Chennai Container Terminal Pvt. Ltd. (CCTL)	85.8	↑	66.9		4.50%	6.30%
	Dakshin Bharat Gateway Terminal (DBGT)	64.6	↑	50.5		3.20%	4.40%
	Haldia International Container Terminal (HICT)	96.0		96.0		2.70%	2.10%
	Kolkata Dock System (KDS) , Kolkata Port	65.9	↑	49.8		2.60%	2.90%
	Nhava Sheva India Gateway Terminal (NSIGT)	51.8	↑	46.1		2.20%	2.30%
	Chennai International Terminals Pvt Ltd (CITPL)	74.7	↑	60.2		2.10%	4.50%
	Nhava Sheva International Container Terminal (NSICT)	67.0	↑	38.7		1.60%	1.70%
Paradip International Cargo Terminal	73.7	↓	98.1		0.80%	0.90%	

Terminal handling highest domestic containers



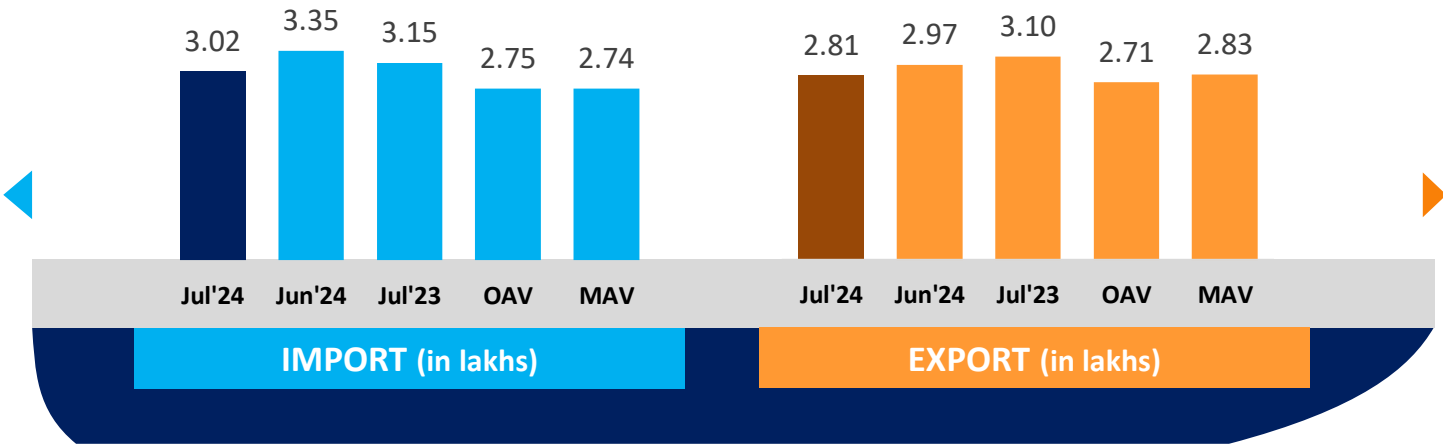
Indicates decrease/ increase in dwell time from last month

# 02 WESTERN REGION PERFORMANCE

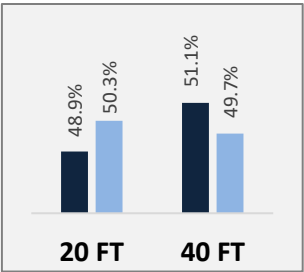


# Container Count: Western Region

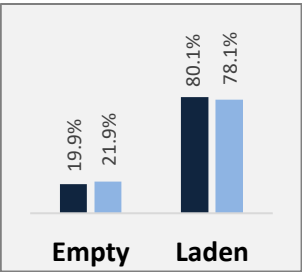
## Western Region



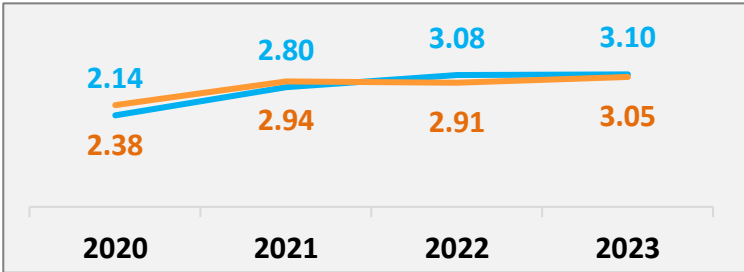
Container Size-wise (Import)



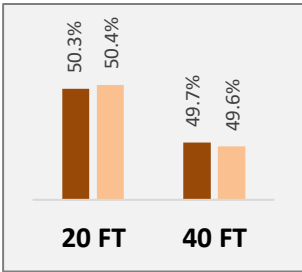
Container Type-wise (Import)



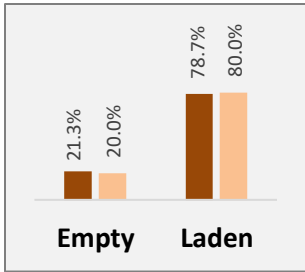
Container Count - Annual Average (in lakhs/ month)



Container Size-wise (Export)



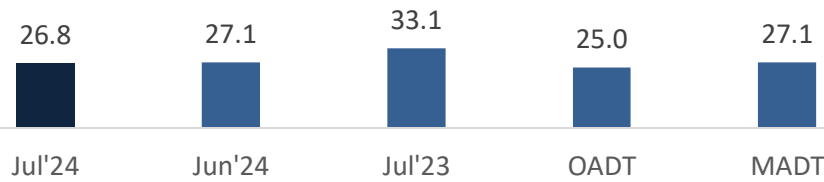
Container Type-wise (Export)



OAV – Overall Avg Volume  
MAV – Monthly Avg Volume

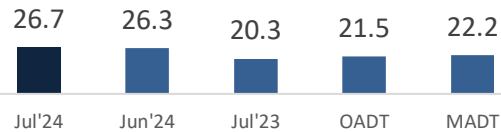
# Dwell Time Performance: Western Region Import Cycle

## Western Region

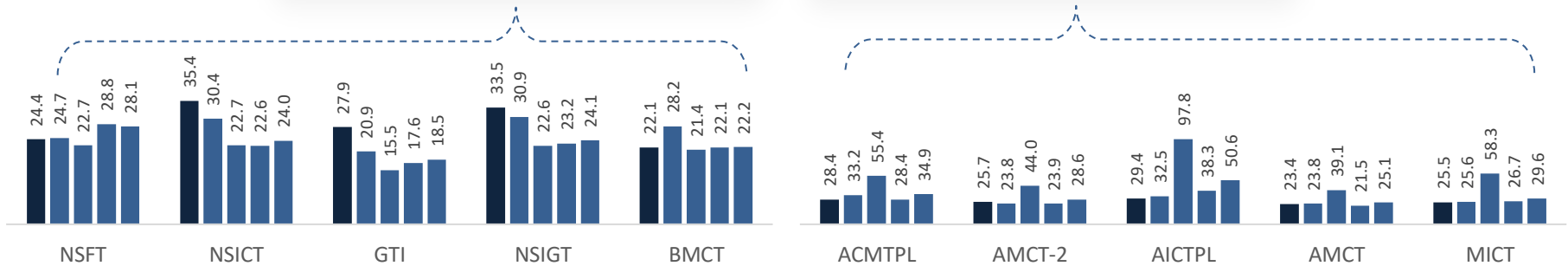
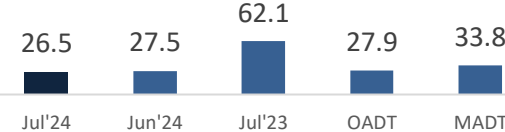


PAN India  
Import Dwell Time  
**32.2** Hrs.  
(Jul'24)

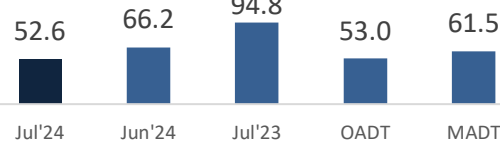
### JNPA



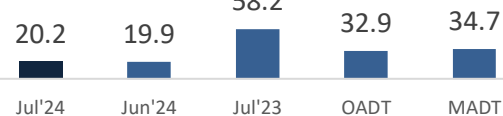
### Mundra



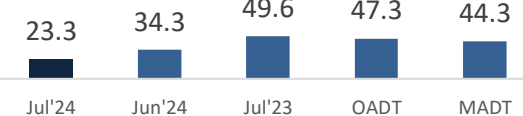
### Pipavav



### Hazira



### Kandla



OADT – Overall Avg Dwell Time  
MADT – Monthly Avg Dwell Time

**Note:**  
All values are in hours

IMPORT

# Dwell Time Performance: Western Region Export Cycle

## Western Region



101.0

Jul'24

99.8

Jun'24

81.5

Jul'23

90.6

OADT

92.3

MADT

PAN India  
Export Dwell Time

**100.7** Hrs.  
(Jul'24)

### JNPA

79.9

Jul'24

80.9

Jun'24

71.8

Jul'23

72.7

OADT

75.4

MADT

### Mundra

123.7

Jul'24

116.9

Jun'24

91.1

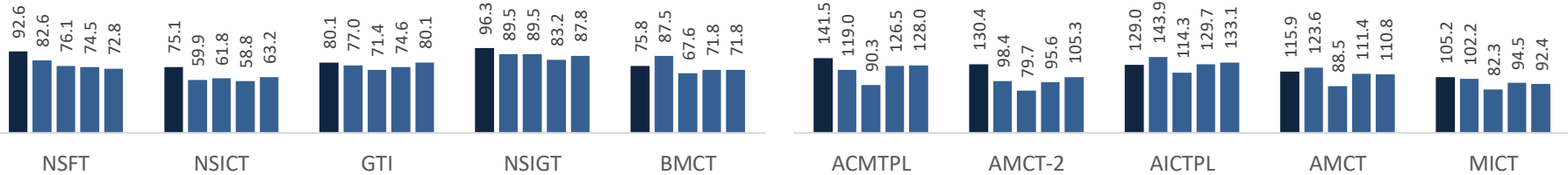
Jul'23

113.1

OADT

113.2

MADT



### Pipavav

134.8

Jul'24

122.4

Jun'24

111.2

Jul'23

123.0

OADT

122.6

MADT

### Hazira

124.5

Jul'24

133.0

Jun'24

98.9

Jul'23

117.0

OADT

116.5

MADT

### Kandla

67.6

Jul'24

91.7

Jun'24

89.7

Jul'23

111.2

OADT

108.8

MADT

OADT – Overall Avg Dwell Time  
MADT – Monthly Avg Dwell Time

**Note:**  
All values are in hours

EXPORT

# Container Turnaround Analysis: Western Region

Container turnaround analysis showcases the percentage of container count (no. of boxes) retained by respective ports. This analyzes the number of containers getting imported and exported from 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)		
		Jul'24	Jun'24	Jul'23	Jul'24	Jun'24	Jul'23
JNPA	JNPA	94%	94%	94%	34.2	26.1	28.7
	Other Ports	6%	6%	6%	50.3	51.0	55.2
Mundra	Mundra	95%	95%	95%	29.9	30.3	36.6
	Other Ports	5%	5%	5%	21.2	37.9	62.7
Hazira	Hazira	98%	97%	98%	34.5	23.5	33.9
	Other Ports	2%	3%	2%	77.3	49.0	59
Kandla	Kandla	-	84%	91%	-	39.0	73.7
	Mundra	-	14%	8%	-	41.7	40.1
	Other Ports	-	2%	1%	-	83.9	22.5
Pipavav	Mundra	44%	49%	55%	39.8	42.0	53.3
	Pipavav	53%	49%	42%	28.4	26.5	41.5
	Other Ports	3%	2%	3%	59.2	41.0	50.8

# Container Turnaround Analysis: JNPA Port

Container turnaround analysis showcases the percentage of container count (no. of boxes) retained by respective terminals of the port. This analyzes the number of containers getting imported and exported from 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)		
		Jul'24	Jun'24	Jul'23	Jul'24	Jun'24	Jul'23
Bharat Mumbai Container Terminals(PSA)	Bharat Mumbai Container Terminals(PSA)	59%	41%	48%	33.9	23.7	32.7
	Gateway Terminals India (GTI)	24%	26%	15%	37.2	23.2	25.2
	Nhava Sheva Freeport Terminal (NSFT)	7%	7%	5%	36.6	30.1	38.2
	Nhava Sheva India Gateway Terminal (NSIGT)	3%	12%	15%	34.4	29.5	28.4
	Nhava Sheva International Container Terminal (NSICT)	7%	14%	17%	34.3	28.5	31.9
Gateway Terminals India (GTI)	Bharat Mumbai Container Terminals(PSA)	39%	27%	30%	53.9	24.9	23.2
	Gateway Terminals India (GTI)	44%	46%	33%	36.2	27.6	26.0
	Nhava Sheva Freeport Terminal (NSFT)	9%	7%	8%	30.1	28.2	28.5
	Nhava Sheva India Gateway Terminal (NSIGT)	3%	8%	14%	27.3	25.6	23.6
	Nhava Sheva International Container Terminal (NSICT)	5%	12%	15%	36.5	30.8	26.4
Nhava Sheva Freeport Terminal (NSFT)	Bharat Mumbai Container Terminals(PSA)	28%	21%	28%	24.3	23.9	25.3
	Gateway Terminals India (GTI)	26%	18%	19%	23.8	31.2	26.1
	Nhava Sheva Freeport Terminal (NSFT)	28%	34%	21%	31.2	31.3	30.7
	Nhava Sheva India Gateway Terminal (NSIGT)	8%	16%	16%	25.3	23.8	25.9
	Nhava Sheva International Container Terminal (NSICT)	10%	11%	16%	34.7	43.1	35.8
Nhava Sheva India Gateway Terminal (NSIGT)	Bharat Mumbai Container Terminals(PSA)	28%	12%	20%	34.2	23.3	38.6
	Gateway Terminals India (GTI)	27%	19%	14%	29.5	23.5	23.0
	Nhava Sheva Freeport Terminal (NSFT)	20%	17%	6%	32.4	23.8	25.7
	Nhava Sheva India Gateway Terminal (NSIGT)	16%	40%	44%	35.8	24.7	26.5
	Nhava Sheva International Container Terminal (NSICT)	9%	12%	16%	35.9	24.5	31.8
Nhava Sheva International Container Terminal (NSICT)	Bharat Mumbai Container Terminals(PSA)	53%	21%	31%	36.4	27.5	35.2
	Gateway Terminals India (GTI)	19%	32%	14%	32.7	26.4	30.6
	Nhava Sheva Freeport Terminal (NSFT)	9%	6%	8%	34.6	38.4	55.3
	Nhava Sheva India Gateway Terminal (NSIGT)	2%	7%	12%	26.6	24.9	31.5
	Nhava Sheva International Container Terminal (NSICT)	17%	34%	35%	32.3	25.9	32.4

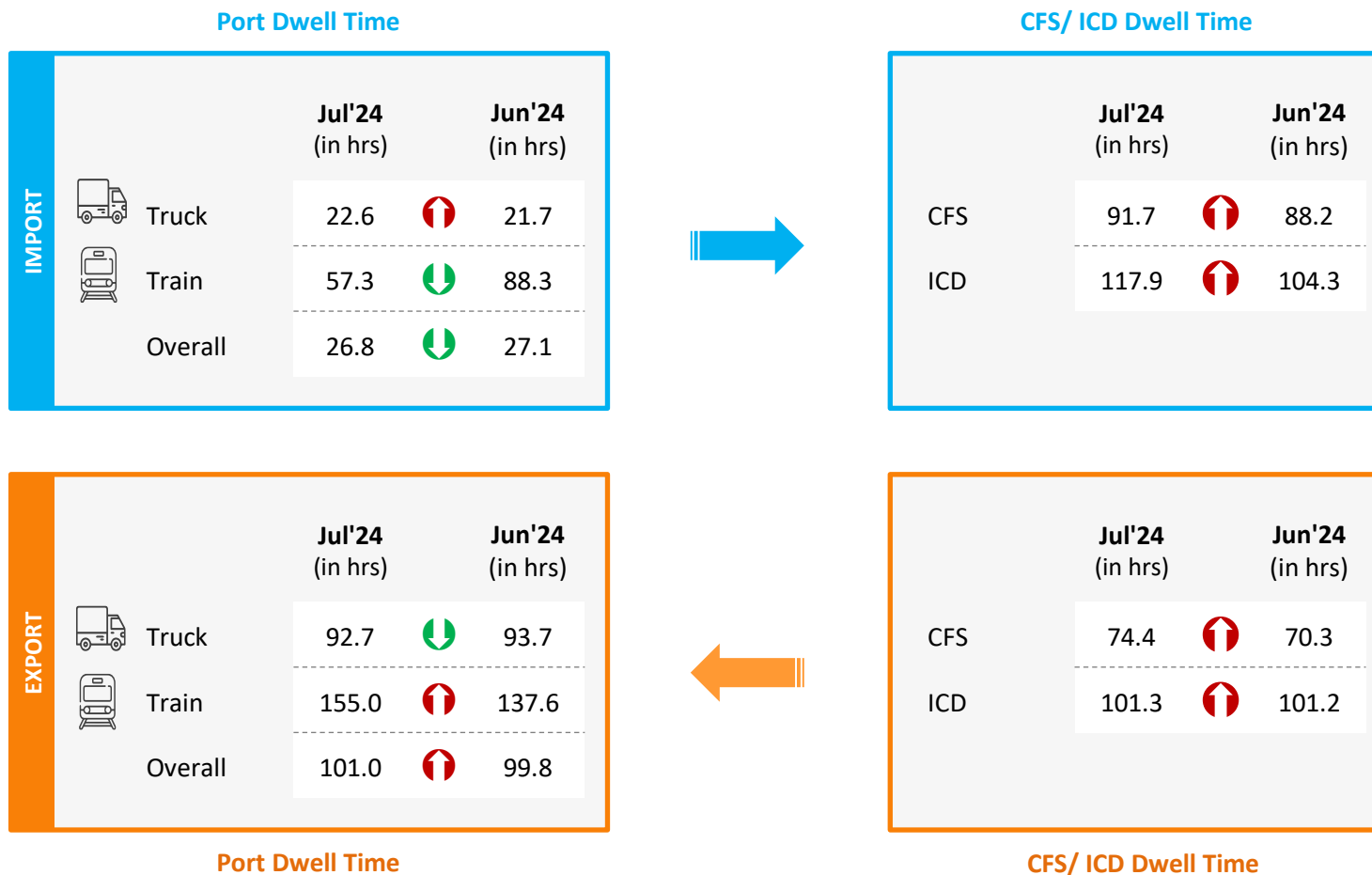
# Container Turnaround Analysis: Mundra Port

Container turnaround analysis showcases the percentage of container count (no. of boxes) retained by respective terminals of the port. This analyzes the number of containers getting imported and exported from 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)		
		Jul'24	Jun'24	Jul'23	Jul'24	Jun'24	Jul'23
Adani CMA Mundra Terminal (ACMTPL)	Adani CMA Mundra Terminal (ACMTPL)	66%	59%	54%	32.5	28.9	40.3
	Adani International Container Terminal (AICTPL)	1%	1%	2%	14.7	16.1	32.9
	Adani Mundra Container Terminal (AMCT)	25%	24%	33%	21.0	26.5	36.2
	Adani Mundra Container Terminal -2	3%	4%	3%	32.7	23.9	29.6
	Mundra International Container Terminal (MICT)	5%	12%	8%	22.0	21.9	36.3
Adani International Container Terminal (AICTPL)	Adani CMA Mundra Terminal (ACMTPL)	11%	2%	4%	30.8	21.4	25.2
	Adani International Container Terminal (AICTPL)	41%	75%	82%	41.0	43.9	36.4
	Adani Mundra Container Terminal (AMCT)	15%	8%	7%	84.4	23.8	29.7
	Adani Mundra Container Terminal -2	10%	10%	3%	42.9	34.8	33.3
	Mundra International Container Terminal (MICT)	23%	5%	4%	42.2	31.1	33.0
Adani Mundra Container Terminal (AMCT)	Adani CMA Mundra Terminal (ACMTPL)	20%	22%	22%	37.5	27.0	41.5
	Adani International Container Terminal (AICTPL)	5%	8%	6%	39.8	23.5	39.9
	Adani Mundra Container Terminal (AMCT)	50%	40%	51%	28.1	28.6	36.0
	Adani Mundra Container Terminal -2	16%	17%	10%	29.3	30.0	37.6
	Mundra International Container Terminal (MICT)	9%	13%	11%	25.1	32.6	41.6
Adani Mundra Container Terminal -2	Adani CMA Mundra Terminal (ACMTPL)	15%	14%	14%	22.0	24.9	39.9
	Adani International Container Terminal (AICTPL)	15%	5%	8%	23.9	28.5	38.4
	Adani Mundra Container Terminal (AMCT)	33%	31%	26%	39.5	24.8	35.3
	Adani Mundra Container Terminal -2	20%	35%	37%	35.4	27.6	37.4
	Mundra International Container Terminal (MICT)	17%	15%	15%	25.6	24.5	44.2
Mundra International Container Terminal (MICT)	Adani CMA Mundra Terminal (ACMTPL)	7%	9%	9%	27.5	17.2	26.8
	Adani International Container Terminal (AICTPL)	13%	4%	5%	27.9	30.4	31.9
	Adani Mundra Container Terminal (AMCT)	33%	13%	11%	29.0	30.6	42.2
	Adani Mundra Container Terminal -2	13%	6%	7%	28.6	35.2	48.5
	Mundra International Container Terminal (MICT)	34%	68%	68%	31.4	25.3	35.1

# Western Region Performance

## Container Lifecycle (Import Cycle)



## Container Lifecycle (Export Cycle)



Indicates decrease/ increase in dwell time from last month

# Port Performance Benchmarking: Western Region

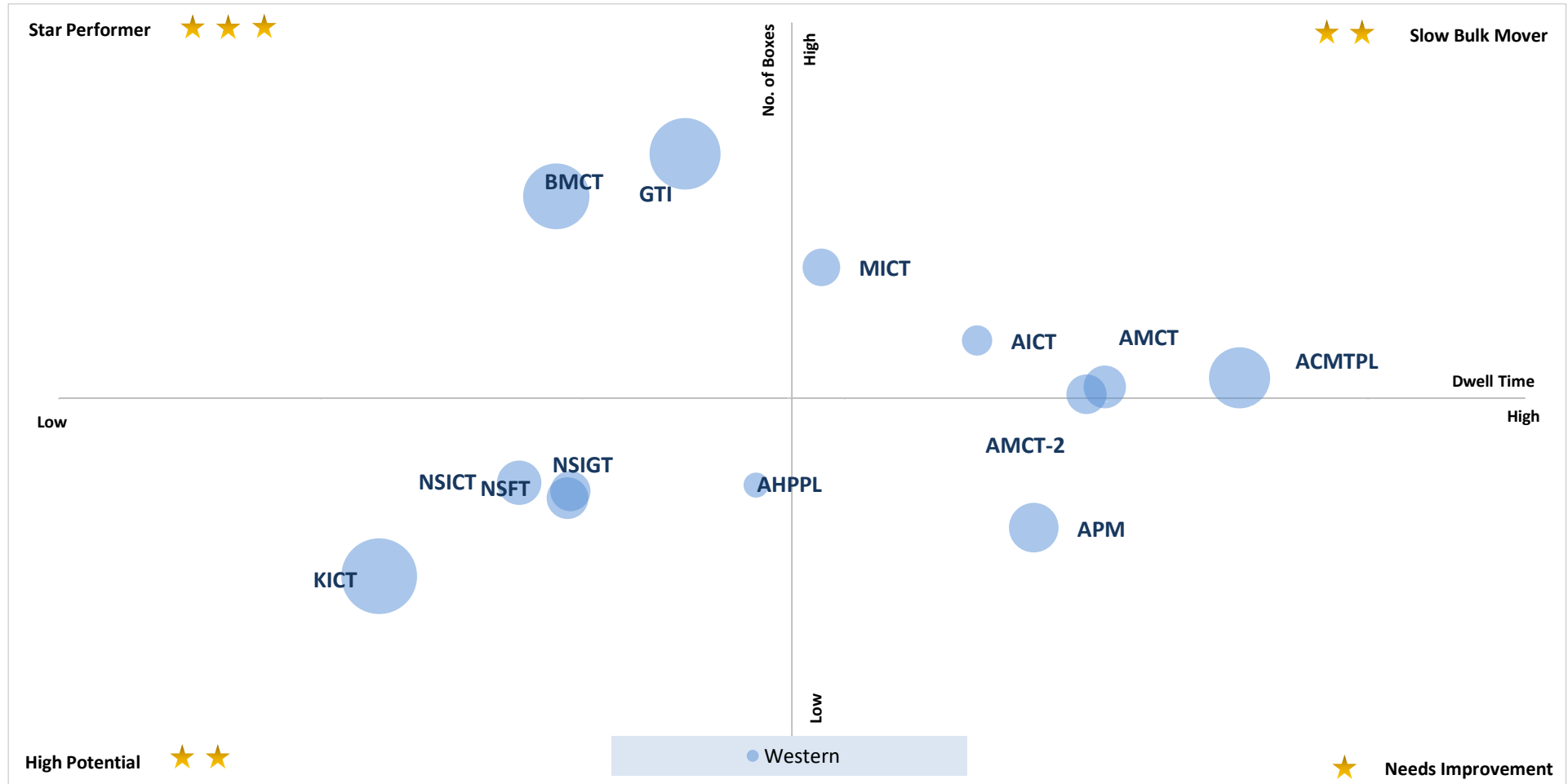
Performance benchmarking of terminals based on dwell time vis-à-vis container count (no. of boxes) handled:



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)

# Performance Benchmarking: Western Region

Performance benchmarking of terminals based on dwell time, container count (no. of boxes) handled, and terminal capacity for Jul'24:



X-Axis: Dwell Time

○ Bubble size represents the terminal capacity

Y-Axis: No. of Boxes

**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

**Note:** Terminal abbreviation details are mentioned in annexure

# Port Performance Benchmarking (Previous year same month): Western Region

Performance benchmarking of terminals based on the change from previous year same month in dwell time vis-a-vis container count (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)

# Port Performance Benchmarking (Capacity & Dwell time): Western Region

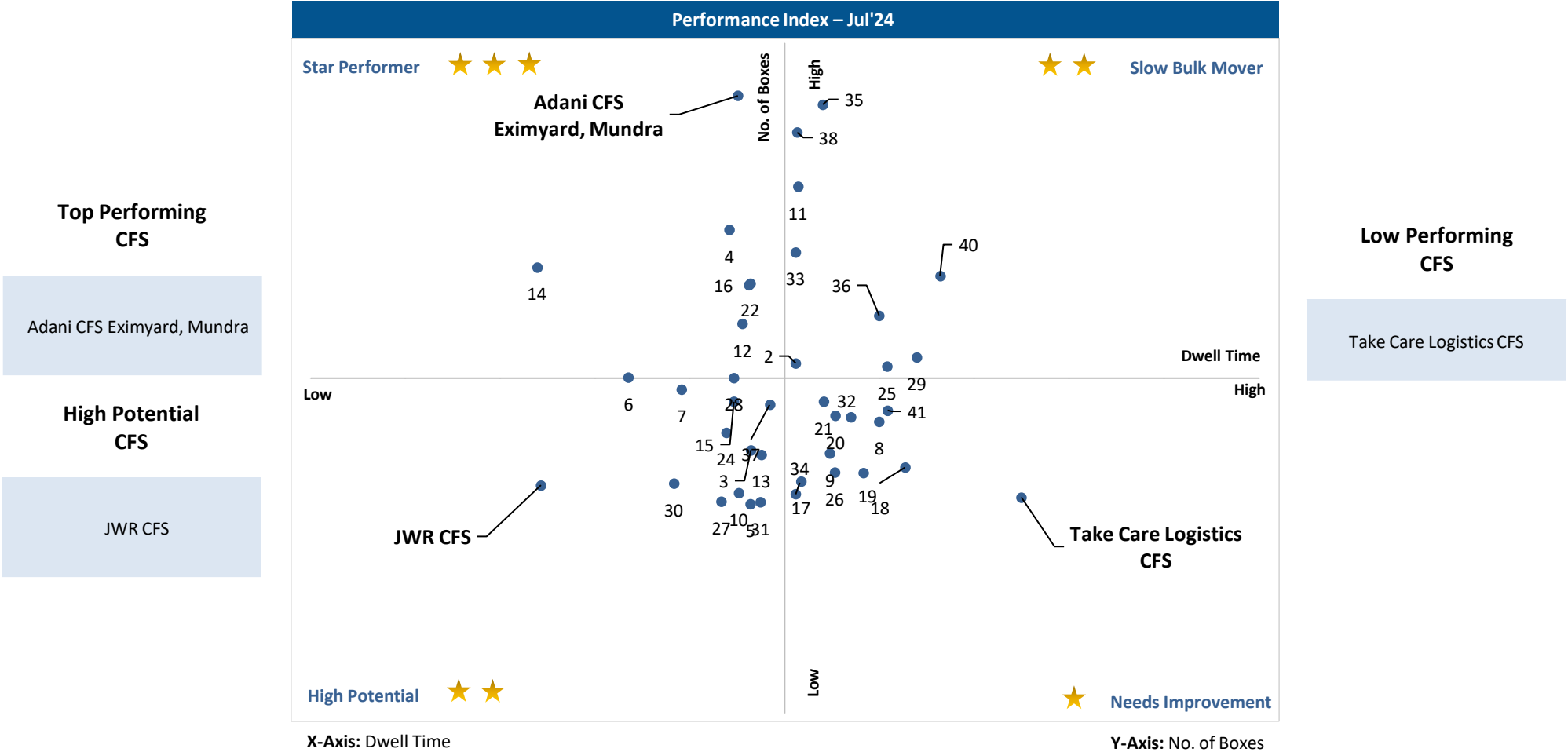
Performance benchmarking of terminals based on dwell time vis-a-vis capacity (in TEU):



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)

# CFS Performance Benchmarking: Western Region

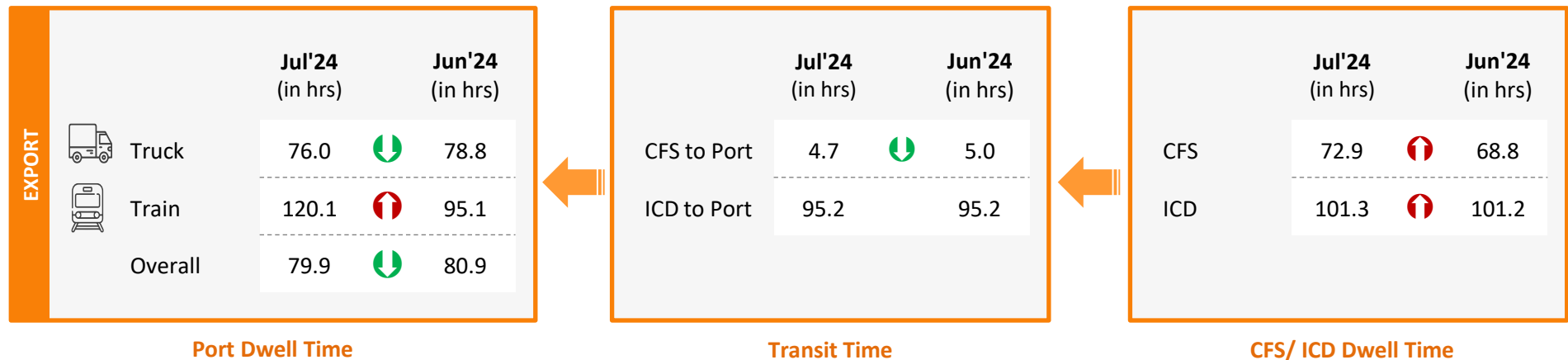
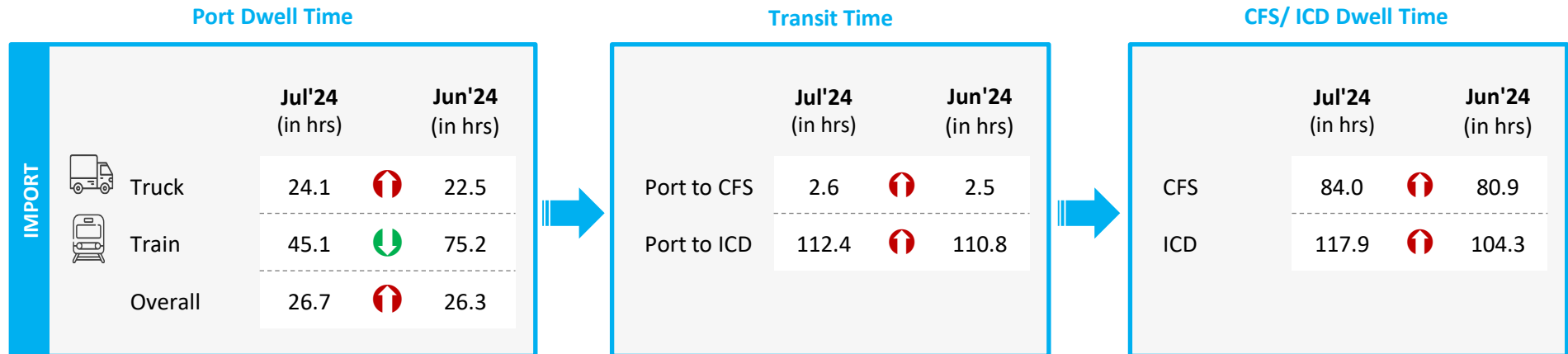
Performance benchmarking of CFSs based on dwell time vis-a-vis container count (no. of boxes) handled:



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

# JNPA Port Performance

## Container Lifecycle (Import Cycle)



## Container Lifecycle (Export Cycle)

Indicates decrease/increase in time from last month

# Parking Plaza Analysis: JNPA Port

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

Parking Plaza Dwell Time	Jul'24 (in hrs)	Jun'24 (in hrs)
Gate in - Gate Out	7.20	5.40

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

	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	5%	17%	32%	28%	11%	7%

Parking Plaza to JNPA Port	Jul'24 (in hrs)	Jun'24 (in hrs)
Gate Out – Terminal In	1.2	0.9

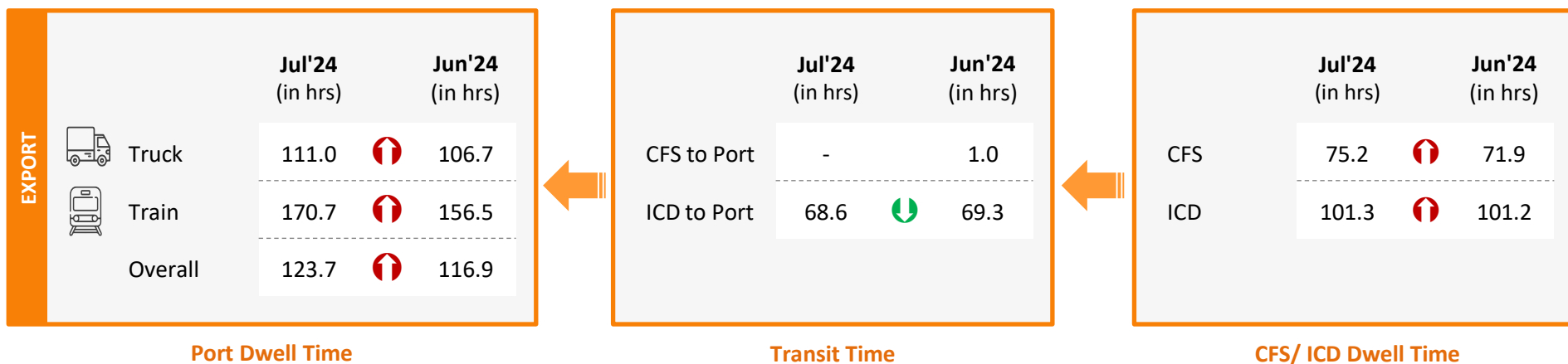
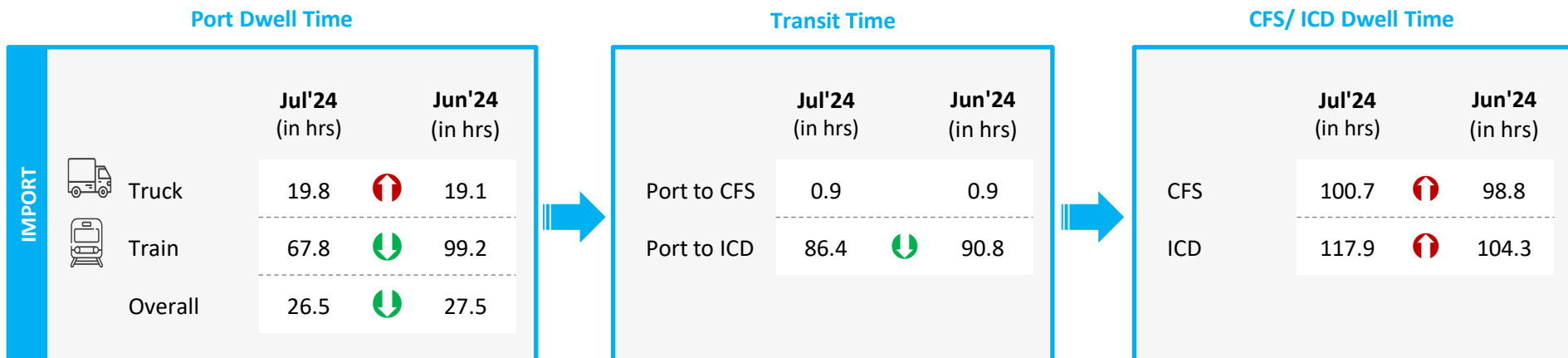
Port Terminal	Jul'24 (in hrs)	Jun'24 (in hrs)
NSFT	1.6	0.8
NSICT	1.4	3.2
GTI	1.1	0.8
NSIGT	4.2	0.7
BMCT	3.5	4.1

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

Parking Plaza to Port Terminal	Within 1 hrs	1-2 hrs	2-3 hrs	3-4 hrs	4-5 hrs	More than 5 hrs
NSFT	25%	38%	0%	25%	0%	12%
NSICT	50%	0%	10%	10%	10%	20%
GTI	45%	34%	9%	5%	1%	6%
NSIGT	33%	0%	7%	7%	20%	33%
BMCT	0%	15%	20%	25%	15%	25%

# Mundra Port Performance

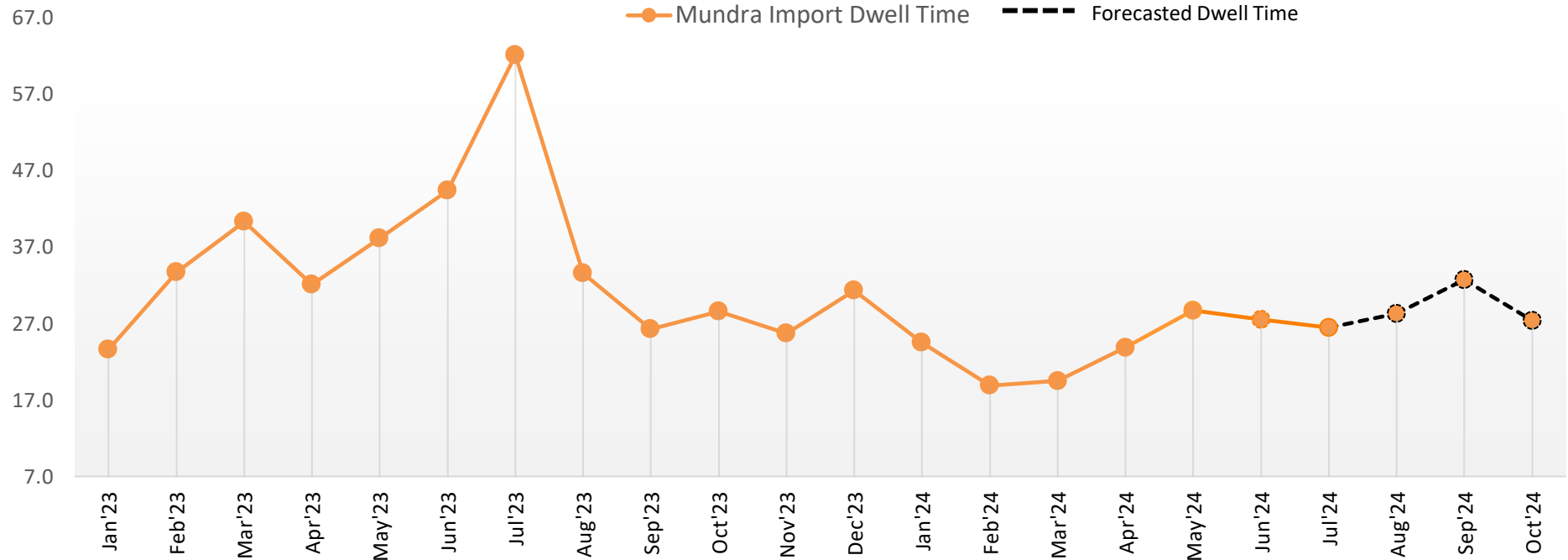
## Container Lifecycle (Import Cycle)



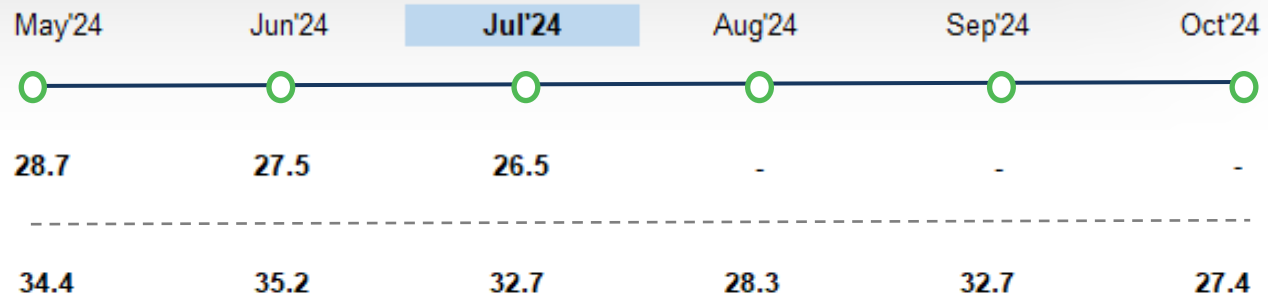
## Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

# Predictive Analysis: Mundra Port



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



Actual Dwell Time (in hours)

Forecasted Dwell Time (in hours)

**Note:**

All values are in hours

# Parking Plaza Analysis: Mundra Port

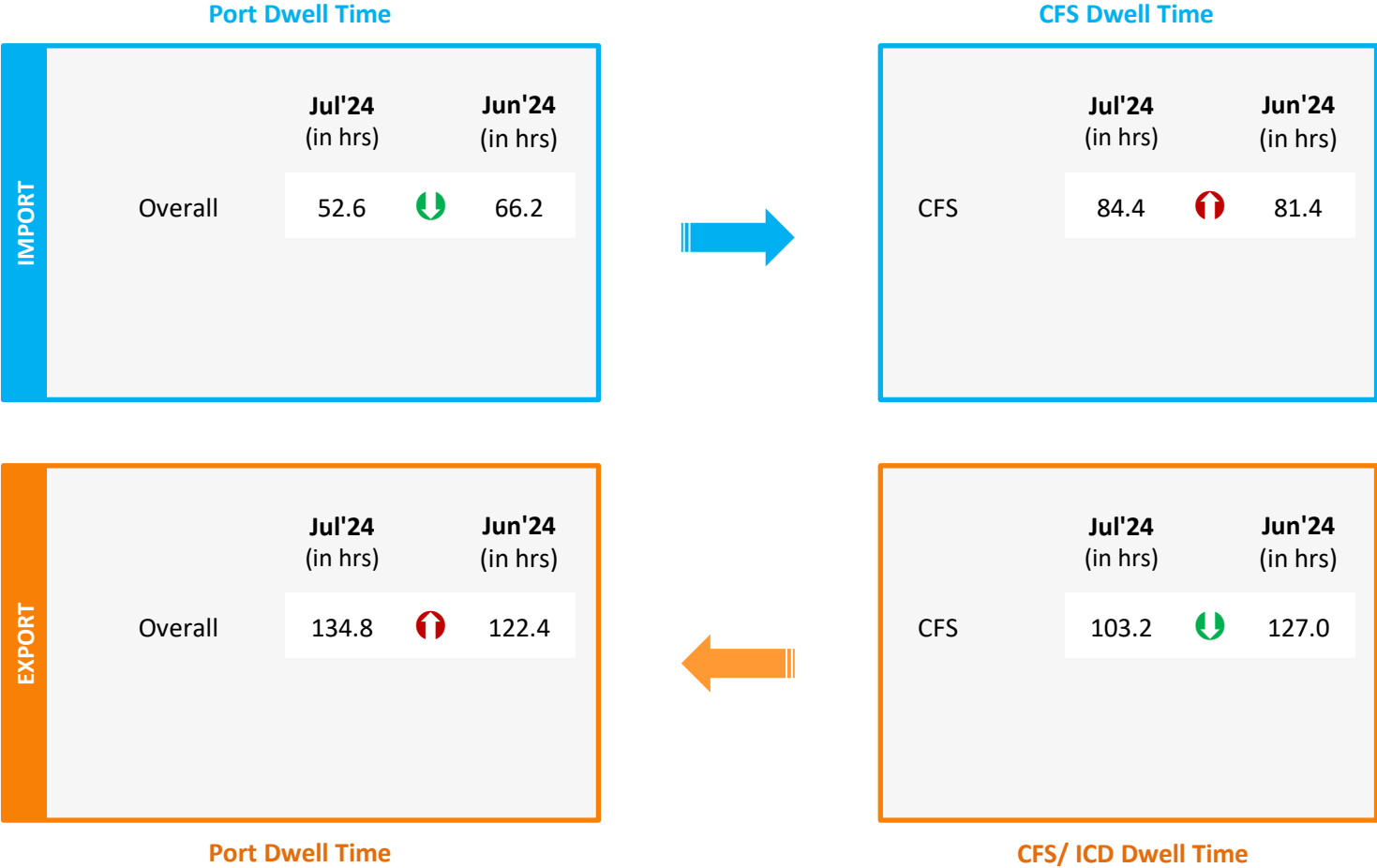
The analysis showcases waiting time of containers at parking plaza

Parking Plaza Dwell Time (Gate In – Gate Out)	Jul'24 (in hrs)	Jun'24 (in hrs)
Adani Parking Yard No.1	1.7	1.4
North Gate Parking Yard	12.2	11.2

## Container Count Percentage: Hour-wise (Jul'24 )

Parking Plaza Dwell Time	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Adani Parking Yard No. 1	56%	20%	10%	9%	3%	2%
North Gate Parking Yard	10%	9%	14%	28%	24%	15%

Container Lifecycle (Import 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		Jul'24 (in hrs)		Jun'24 (in hrs)
	Overall	23.3	↓	34.3

EXPORT		Jul'24 (in hrs)		Jun'24 (in hrs)
	Overall	67.6	↓	91.7

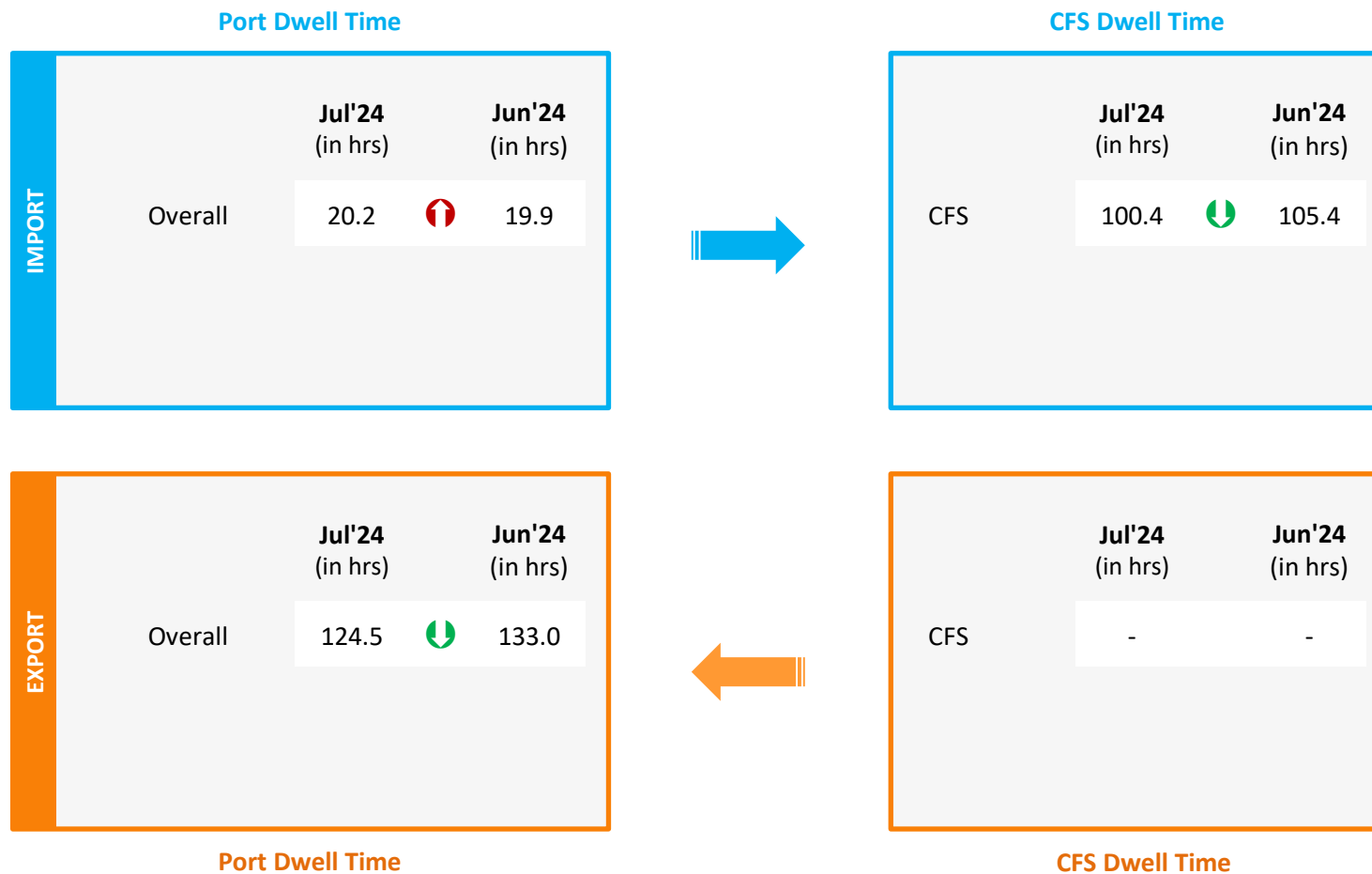
### Port Dwell Time

## Container Lifecycle (Export Cycle)



  Indicates decrease/ increase in dwell time from last month

# Hazira Port Performance

## Container Lifecycle (Import Cycle)

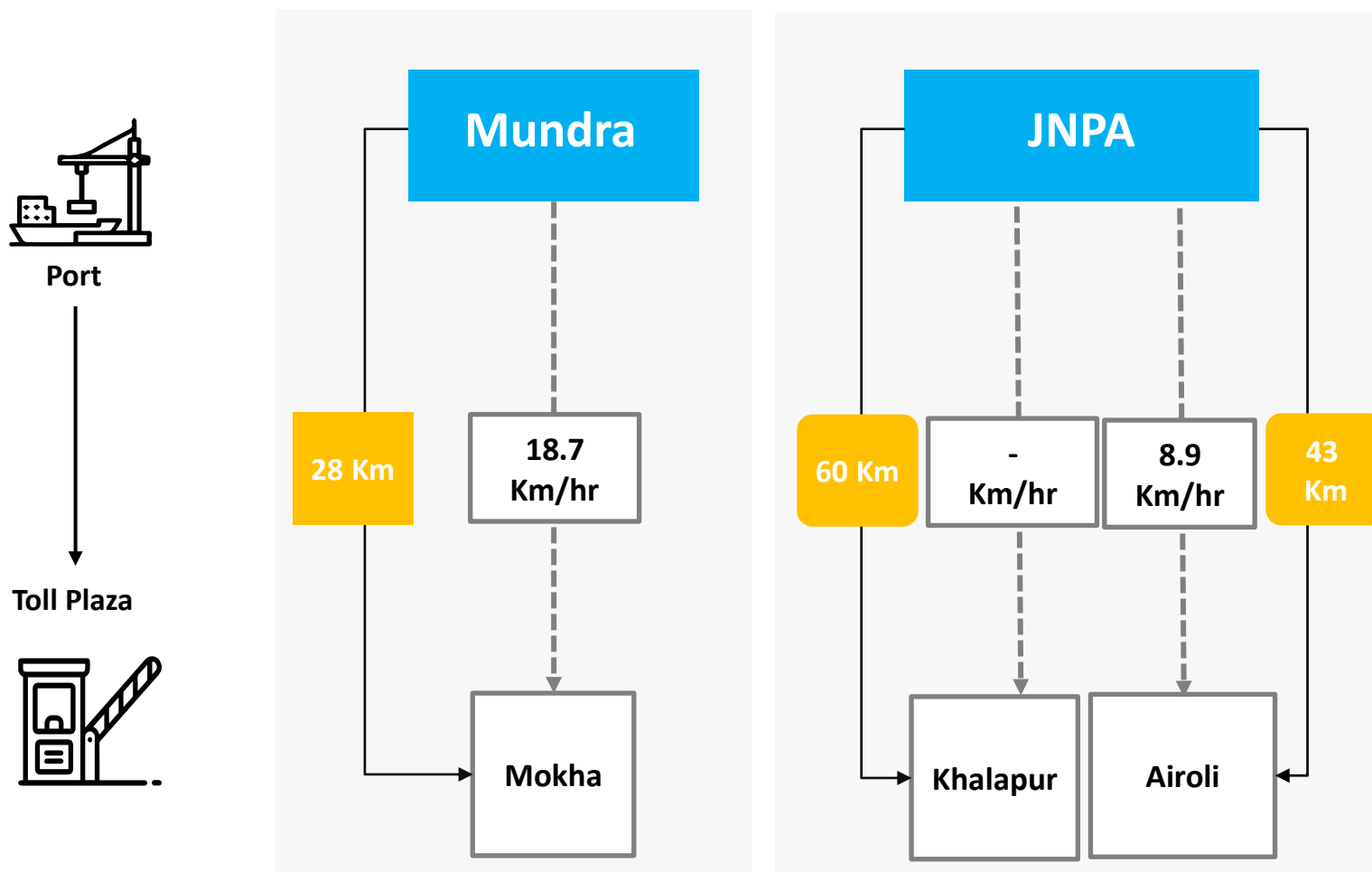


## Container Lifecycle (Export Cycle)

  Indicates decrease/ increase in dwell time from last month

# Port to Toll Plaza Transit Analysis: Western Region

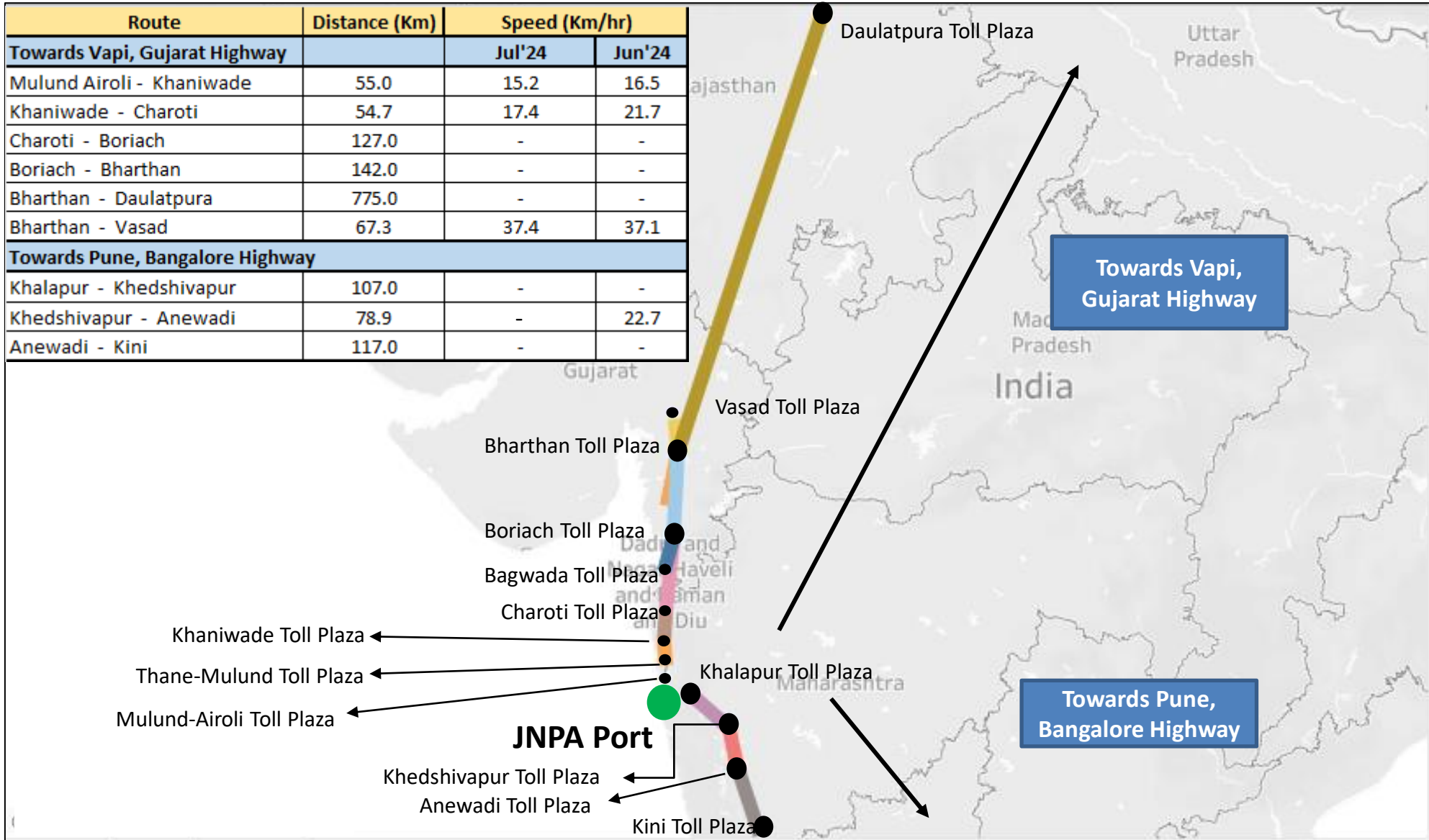
Average speed of trucks to cover the distance between port to nearest toll plaza for Jul'24:



# Toll Plaza Analysis: JNPA Port

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

Route	Distance (Km)	Speed (Km/hr)	
Towards Vapi, Gujarat Highway		Jul'24	Jun'24
Mulund Airoli - Khaniwade	55.0	15.2	16.5
Khaniwade - Charoti	54.7	17.4	21.7
Charoti - Boriach	127.0	-	-
Boriach - Bharthan	142.0	-	-
Bharthan - Daulatpura	775.0	-	-
Bharthan - Vasad	67.3	37.4	37.1
Towards Pune, Bangalore Highway			
Khalapur - Khedshivapur	107.0	-	-
Khedshivapur - Anewadi	78.9	-	22.7
Anewadi - Kini	117.0	-	-

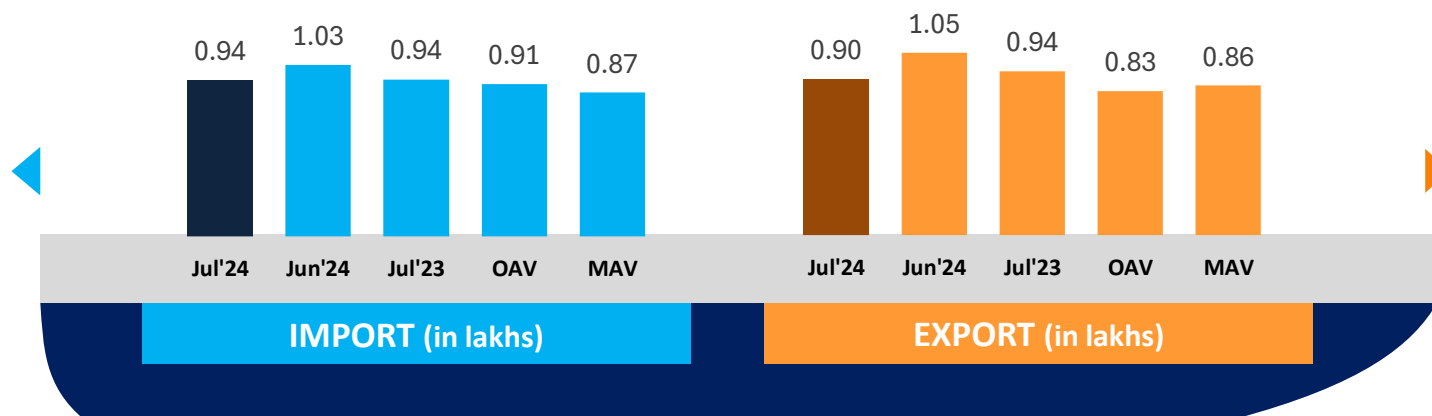


# 03 SOUTHERN REGION PERFORMANCE

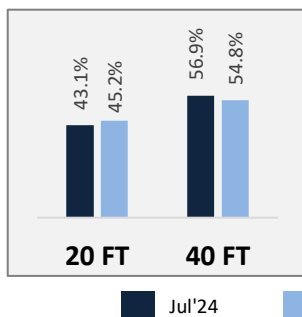


# Container Count: Southern Region

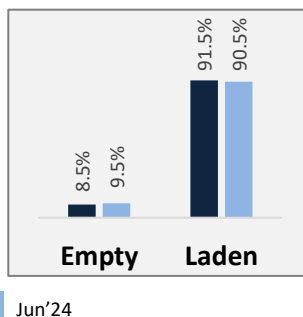
## Southern Region



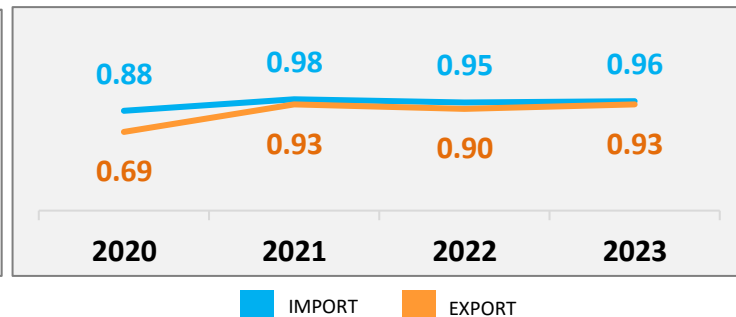
**Container Size-wise (Import)**



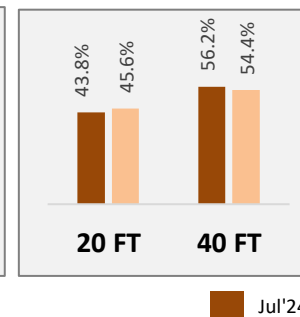
**Container Type-wise (Import)**



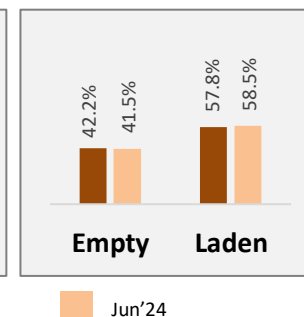
**Container Count - Annual Average (in lakhs/ month)**



**Container Size-wise (Export)**



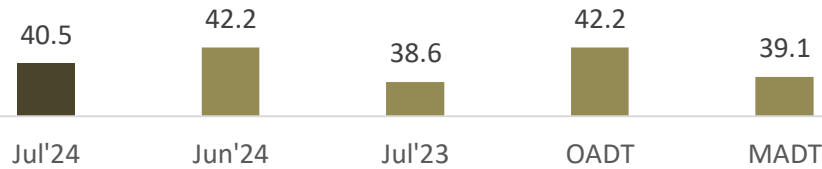
**Container Type-wise (Export)**



OAV – Overall Avg Volume  
MAV – Monthly Avg Volume

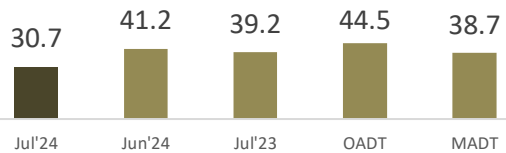
# Dwell Time Performance: Southern Region Import Cycle

## Southern Region

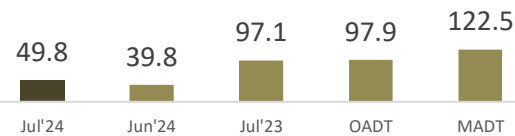


PAN India  
Import Dwell Time  
**32.2** Hrs.  
(Jul'24)

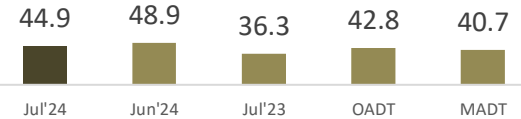
### Kochi



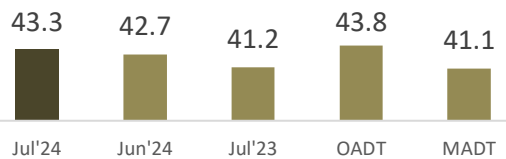
### New Mangalore



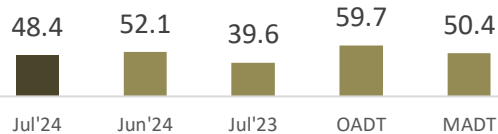
### Ennore



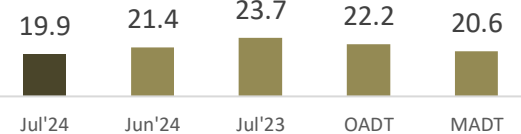
### Chennai



### Kattupalli

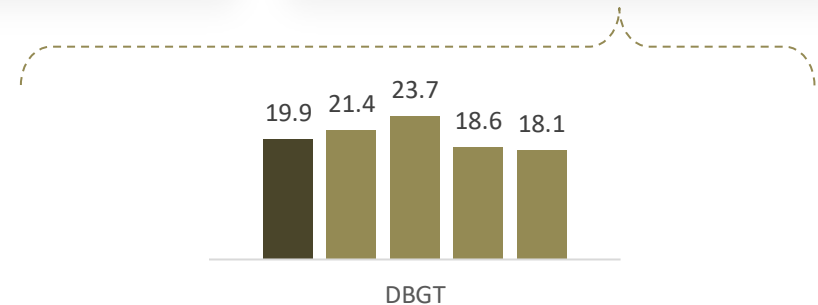
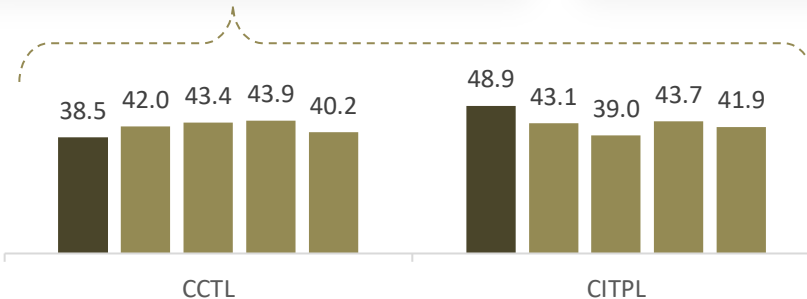


### Tuticorin



Ports

Terminals



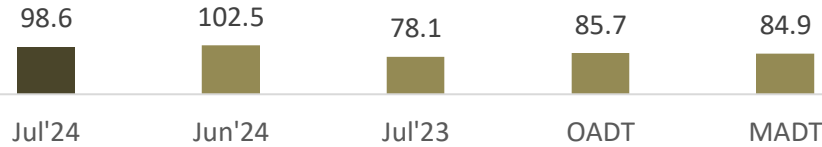
OADT – Overall Avg Dwell Time  
MADT – Monthly Avg Dwell Time

#### Note:

- Current and previous month New Mangalore dwell time does not include the free time at the port
- All values are in hours

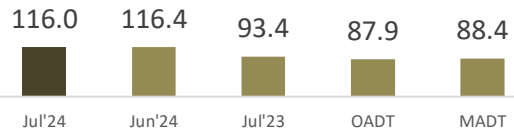
# Dwell Time Performance: Southern Region Export Cycle

## Southern Region

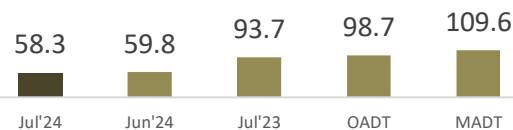


PAN India  
Export Dwell Time  
**100.7** Hrs.  
(Jul'24)

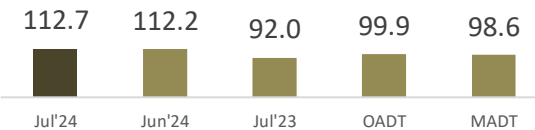
### Kochi



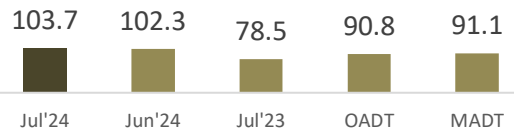
### New Mangalore



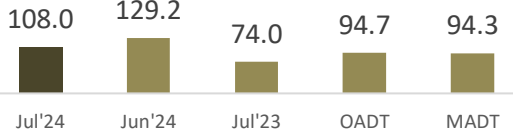
### Ennore



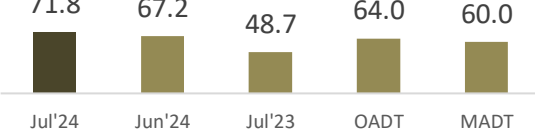
### Chennai



### Kattupalli



### Tuticorin



Ports

Terminals

106.4 109.9 80.9 93.2 91.5

CCTL

100.8 97.1 75.6 89.0 90.7

CITPL

71.8 67.2 48.7 58.8 56.2

DBGT

OADT – Overall Avg Dwell Time  
MADT – Monthly Avg Dwell Time

#### Note:

- Current and previous month New Mangalore dwell time does not include the free time at the port
- All values are in hours

# Container Turnaround Analysis: Southern Region

Container turnaround analysis showcases the percentage of container count (no. of boxes) retained by respective ports. This analyzes the number of containers getting imported and exported from 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)		
		Jul'24	Jun'24	Jul'23	Jul'24	Jun'24	Jul'23
Kochi	Kochi	100%	100%	-	37.5	25.8	-
	Other Ports	-	-	-	-	-	-
Ennore	Ennore	52%	92%	95%	27.2	22.3	27.4
	Other Ports	48%	8%	5%	24.0	28.8	33.9
Tuticorin	Tuticorin	93%	100%	99%	20.8	28.1	28.3
	Other Ports	7%	-	1%	72.8	-	29.9
Chennai	Chennai	62%	68%	69%	29.3	24.9	23.0
	Kattupalli	25%	27%	25%	37.3	28.8	23.5
	Other Ports	13%	5%	6%	33.9	29.6	32.3
Kattupalli	Kattupalli	53%	68%	69%	31.0	28.9	25.9
	Chennai	33%	23%	29%	38.1	27.8	25.0
	Other Ports	14%	9%	2%	20.0	27.7	40.8

# Container Turnaround Analysis: Chennai Port



Container turnaround analysis showcases the percentage of container count (no. of boxes) retained by respective terminals of the port. This analyzes the number of containers getting imported and exported from 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)		
		Jul'24	Jun'24	Jul'23	Jul'24	Jun'24	Jul'23
CCTL	CCTL	78%	60%	70%	27.4	23.8	26.6
	CITPL	22%	40%	30%	32.3	23.1	17.9
CITPL	CITPL	73%	75%	65%	31.4	28.0	21.5
	CCTL	27%	25%	35%	95.8	24.2	20.3

# Southern Region Performance

## Container Lifecycle (Import Cycle)

### Port Dwell Time

IMPORT		Jul'24 (in hrs)		Jun'24 (in hrs)
	 Truck	40.5	↓	42.2
	 Train	42.4	↓	42.9
	Overall	40.5	↓	42.2





### CFS/ ICD Dwell Time

	Jul'24 (in hrs)		Jun'24 (in hrs)
CFS	122.5	↑	120.3
ICD	124.5	↑	114.2



### Port Dwell Time

EXPORT		Jul'24 (in hrs)		Jun'24 (in hrs)
	 Truck	98.2	↓	102.2
	 Train	141.9	↑	128.7
	Overall	98.6	↓	102.5

### CFS/ ICD Dwell Time

	Jul'24 (in hrs)		Jun'24 (in hrs)
CFS	46.0	↑	44.5
ICD	-		115.1

## Container Lifecycle (Export Cycle)



Indicates decrease/ increase in dwell time from last month

# Port Performance Benchmarking: Southern Region

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



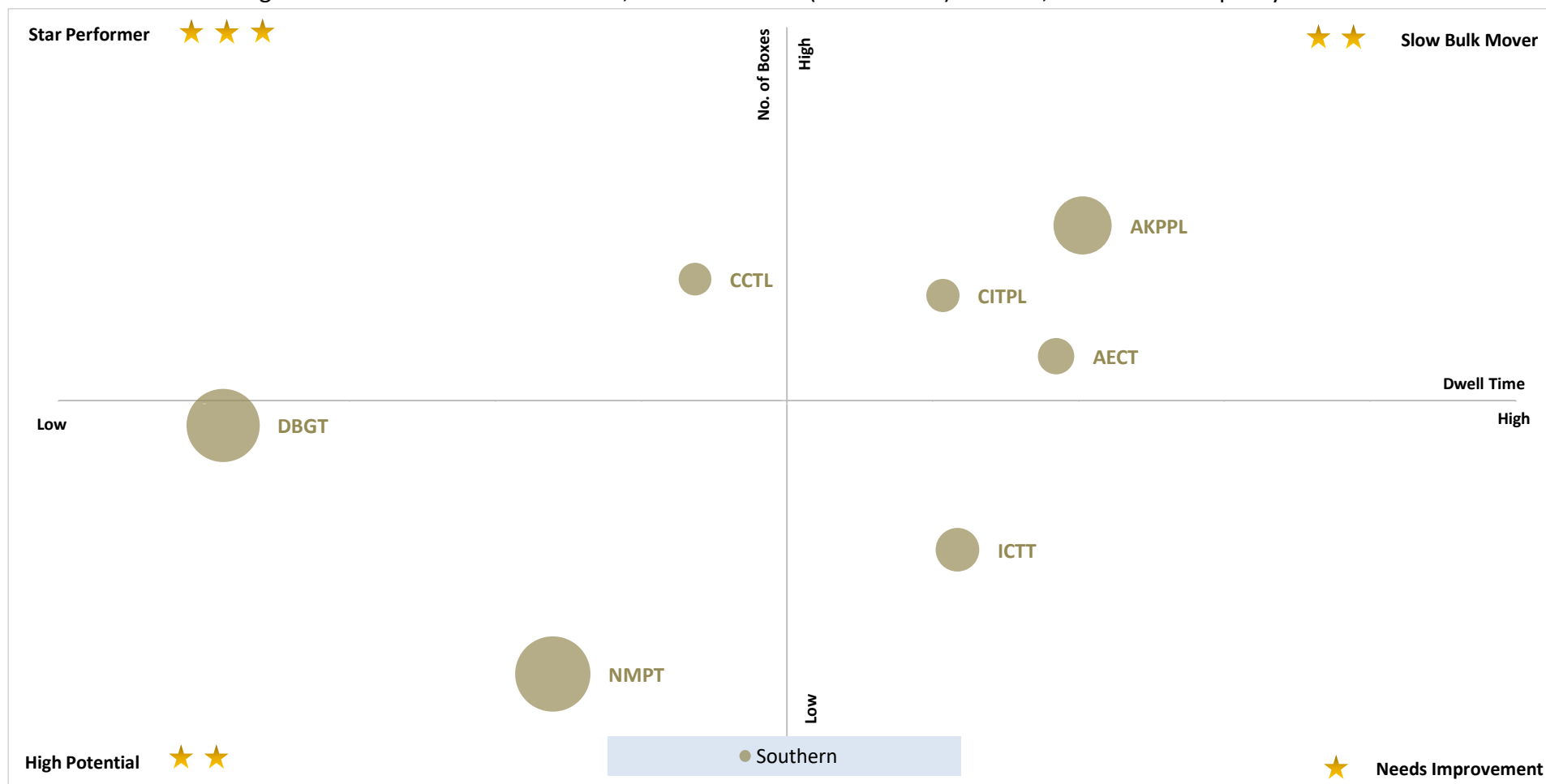
X-Axis: Dwell Time

Y-Axis: No. of Boxes

\*Note: For MCTPL the free time is not included in the calculations

# Performance Benchmarking: Southern Region

Performance benchmarking of terminals based on dwell time, container count (no. of boxes) handled, and terminal capacity for Jul'24:



X-Axis: Dwell Time

○ Bubble size represents the terminal capacity

Y-Axis: No. of Boxes

**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

**Note:** Terminal abbreviation details are mentioned in annexure

# Port Performance Benchmarking (Previous year same month): Southern Region

Performance benchmarking of terminals based on the change from previous year same month in dwell time vis-a-vis container count (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 Transshipment 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

\*Note: For MCTPL the free time is not included in the calculations for current month

# Port Performance Benchmarking (Capacity & Dwell time): Southern Region

Performance benchmarking of terminals based on 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 Transshipment 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)

\*Note: For MCTPL the free time is not included in the calculations

# CFS Performance Benchmarking: Southern Region

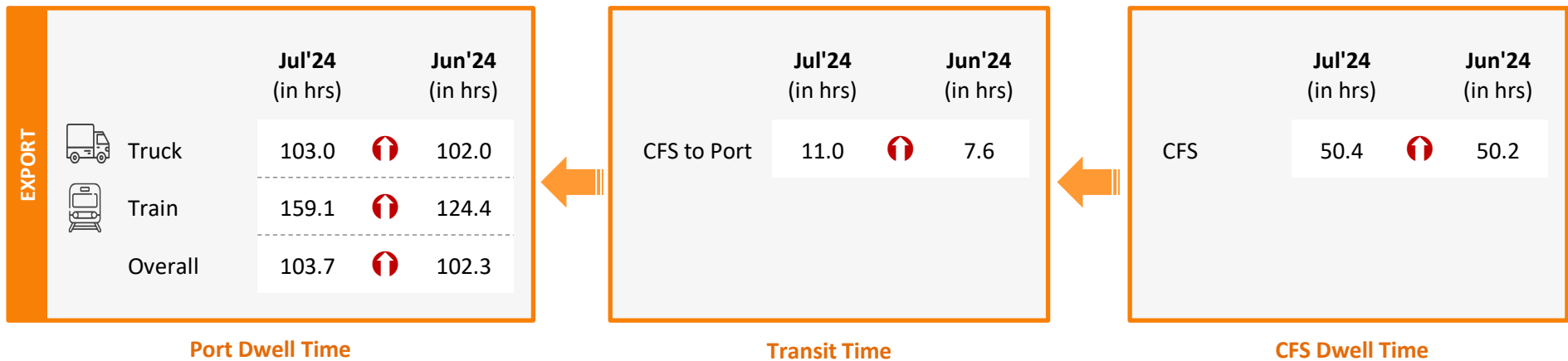
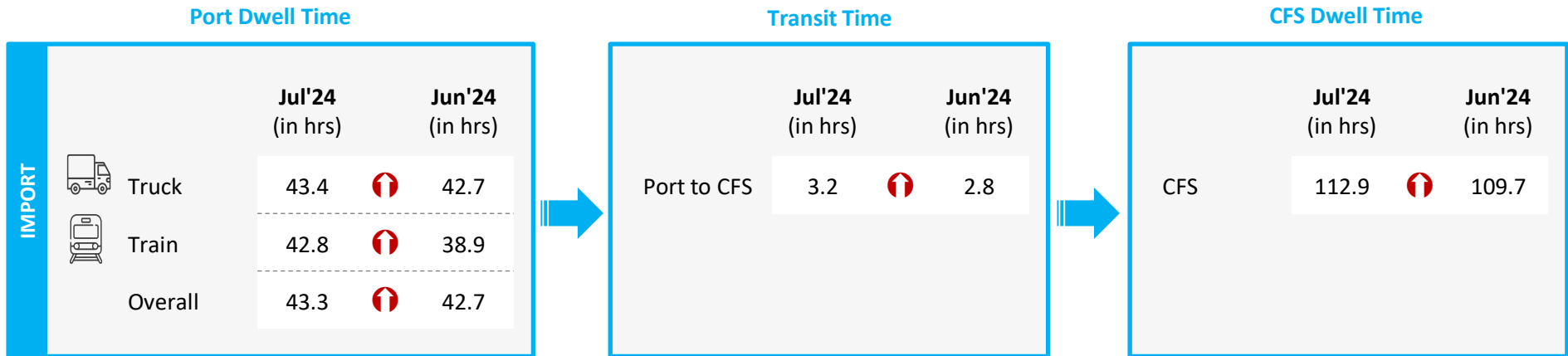
Performance benchmarking of CFSs based on dwell time vis-a-vis container count (no. of boxes) handled:



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

# Chennai Port Performance

## Container Lifecycle (Import Cycle)



## Container Lifecycle (Export Cycle)

↓ ↑ Indicates decrease/ increase in time from last month

# Parking Plaza Analysis: Chennai Port

The analysis showcases waiting time of containers at parking plaza

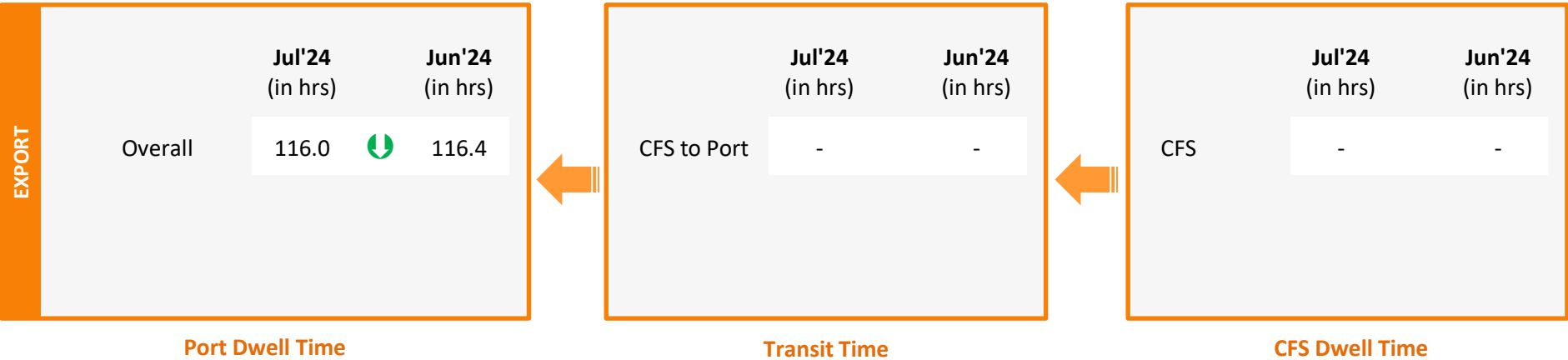
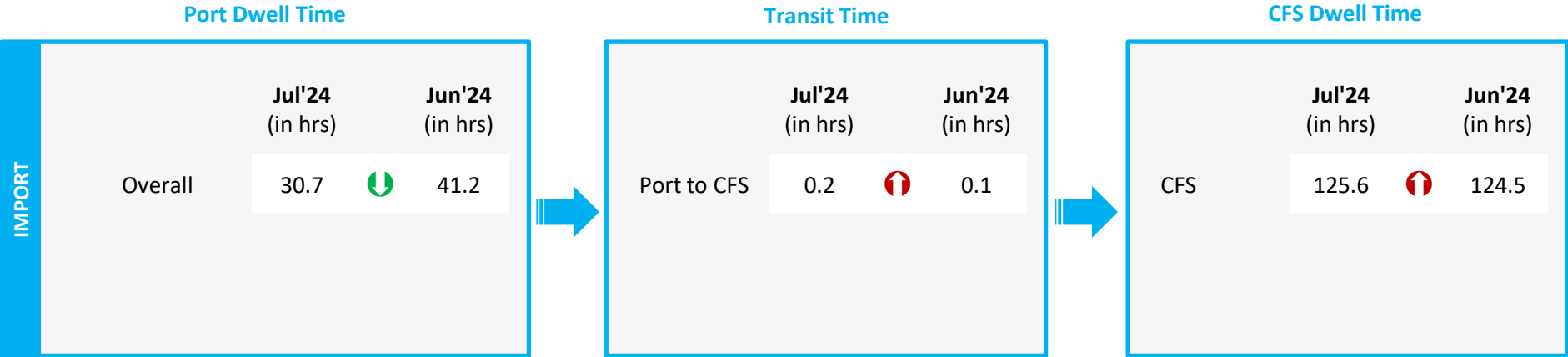
Parking Plaza Dwell Time (Gate In – Gate Out)	Jul'24 (in hrs)	Jun'24 (in hrs)
Thiruvottiyur CWC DPE Facility	4.1	4.2

## Container Count Percentage: Hour-wise (Jul'24 )



	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	16%	33%	30%	16%	3%	2%

# Kochi Port Performance

## Container Lifecycle (Import Cycle)

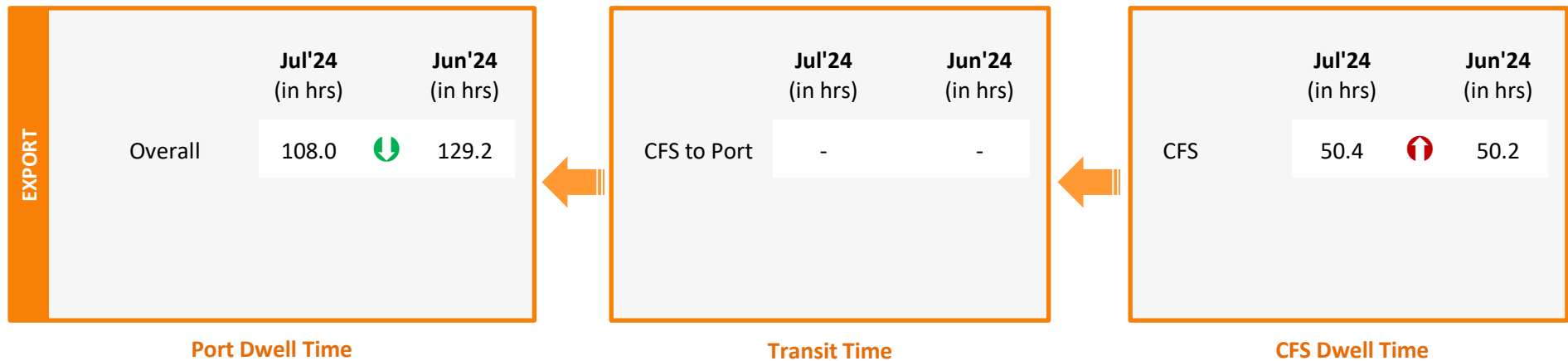
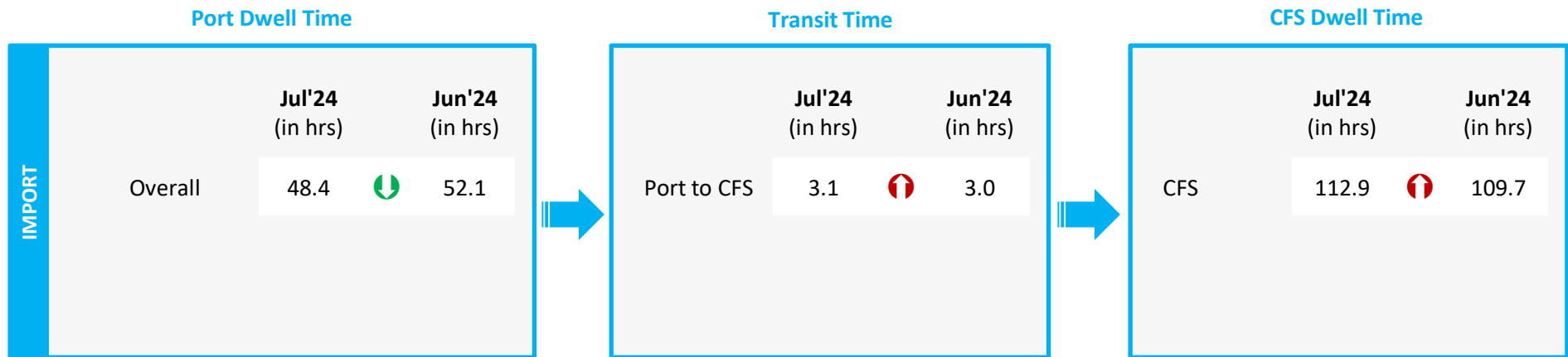


## Container Lifecycle (Export Cycle)



  Indicates decrease/ increase in time from last month

# Kattupalli Port Performance

## Container Lifecycle (Import Cycle)

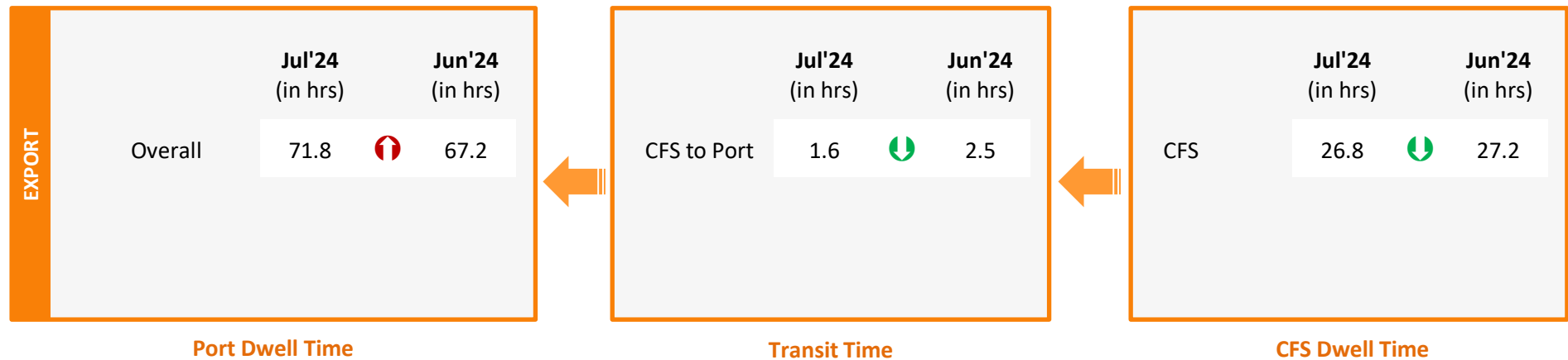
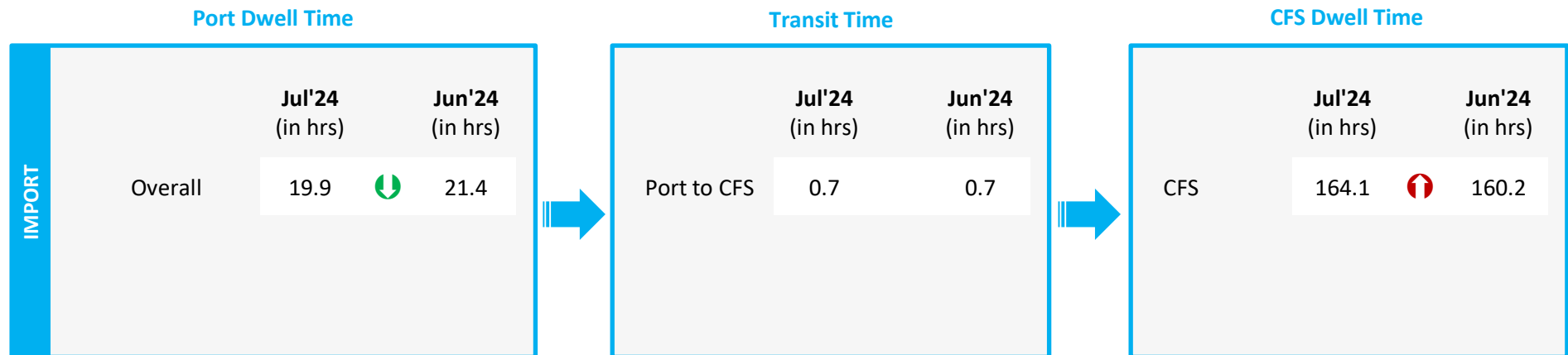


## Container Lifecycle (Export Cycle)



  Indicates decrease/ increase in time from last month

# Tuticorin Port Performance

## Container Lifecycle (Import Cycle)





## Container Lifecycle (Export Cycle)

  Indicates decrease/ increase in time from last month

# Ennore Port Performance

## Container Lifecycle (Import Cycle)

### Port Dwell Time



IMPORT		Jul'24 (in hrs)		Jun'24 (in hrs)
	 Truck	45.1	↓	49.0
	 Train	42.1	↓	47.2
	Overall	44.9	↓	48.9

### Transit Time

	Jul'24 (in hrs)		Jun'24 (in hrs)
Port to CFS	1.7	↓	1.8

### CFS Dwell Time

	Jul'24 (in hrs)		Jun'24 (in hrs)
CFS	112.9	↑	109.7

EXPORT		Jul'24 (in hrs)		Jun'24 (in hrs)
	 Truck	112.2	↑	111.8
	 Train	124.7	↓	130.0
	Overall	112.7	↑	112.2

### Port Dwell Time

### Transit Time

	Jul'24 (in hrs)		Jun'24 (in hrs)
CFS to Port	-		6.2

### CFS Dwell Time

	Jul'24 (in hrs)		Jun'24 (in hrs)
CFS	50.4	↑	50.2

## Container Lifecycle (Export Cycle)



Indicates decrease/ increase in time  
from last month

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT		Jul'24 (in hrs)		Jun'24 (in hrs)
	Overall	49.8*	↑	39.8*

EXPORT		Jul'24 (in hrs)		Jun'24 (in hrs)
	Overall	58.3*	↓	59.8*

Port Dwell Time

Container Lifecycle (Export Cycle)

\*Note: New Mangalore dwell time does not include the free time at the port

↓ ↑ Indicates decrease/ increase in time from last month

## Port to Toll Plaza Analysis: Southern Region

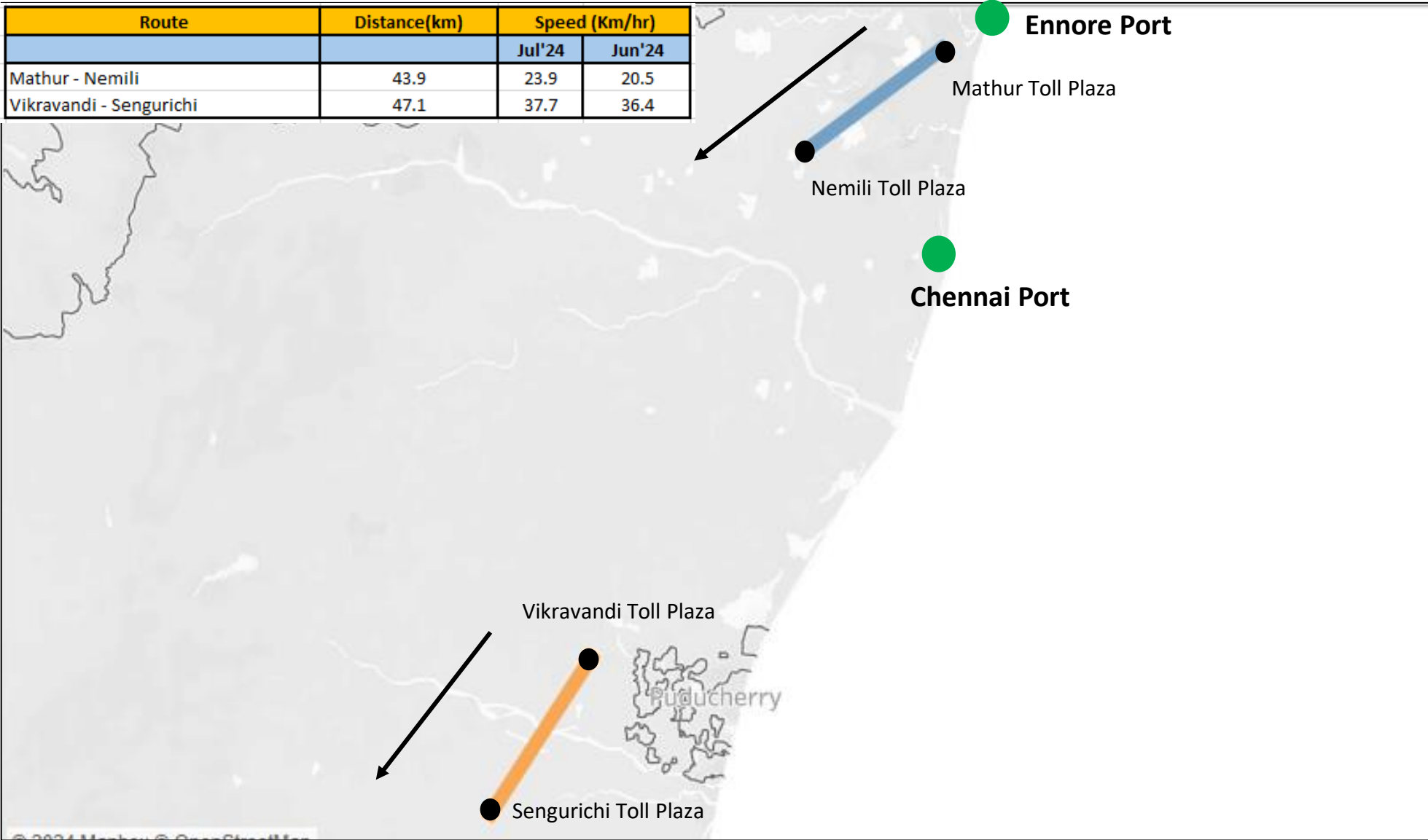
Below table depicts the average speed of a truck to cover the distance between the port and nearest toll plaza:

Region	Port	Adjacent Toll plaza	Distance (in Km)	Average Speed (in Km/hr)	
				Jul'24	Jun'24
Southern	Kochi	Ponnarimangalam	5	18.3	16.0
	New Mangalore	Talapady	23	24.1	23.8
		Gundmi	69	8.7	10.3
		Brahamarakotlu	25	23.7	-
	Chennai	Mathur	25	26.7	14.3
	Kattupalli	Mathur	28	29.8	16.0
	Ennore	Mathur	21	12.7	13.6
	Tuticorin	Pudurpandiyapuram	29	43.9	46.9

# Toll Plaza Analysis: Chennai and Ennore Port

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

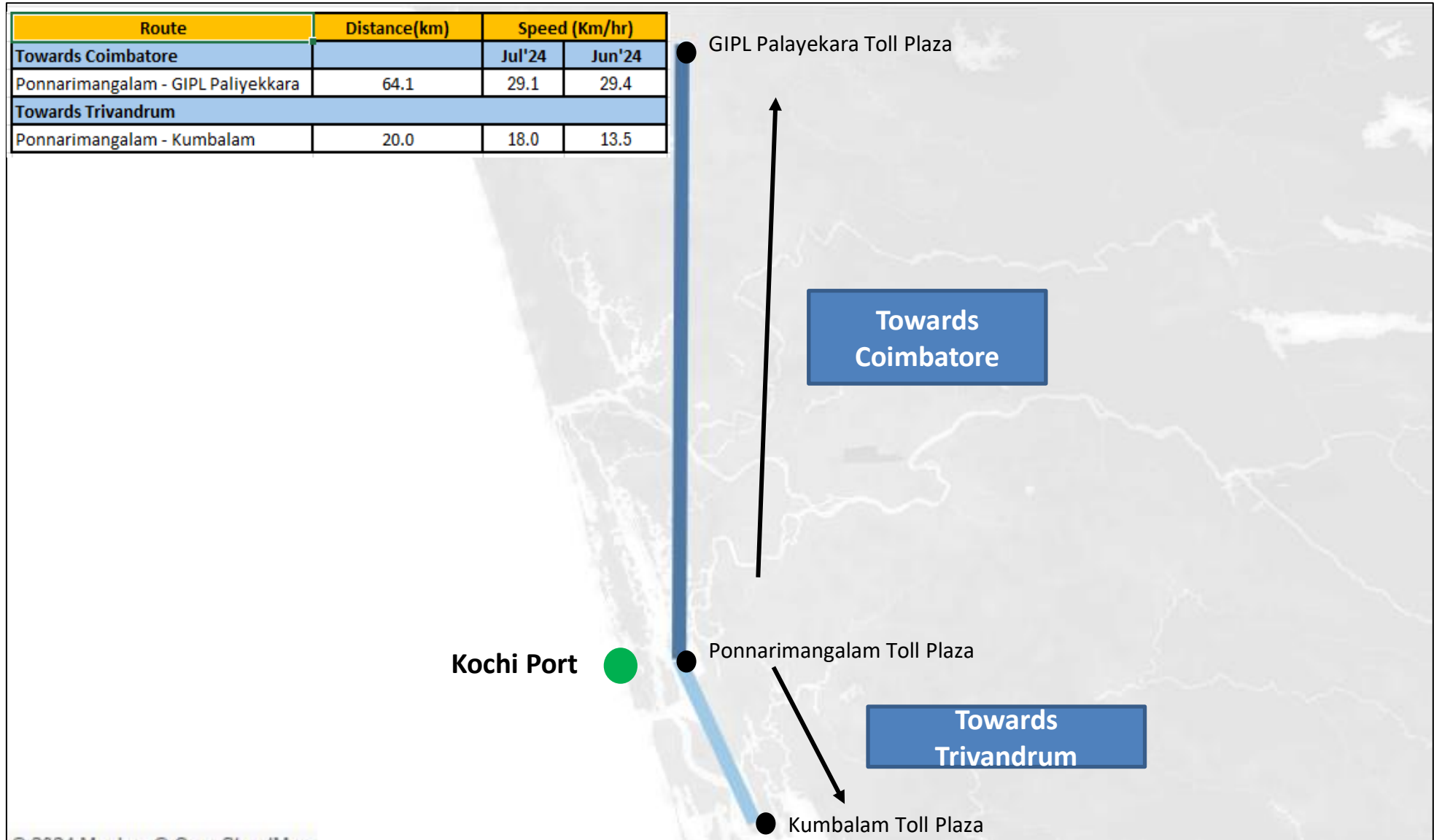
Route	Distance(km)	Speed (Km/hr)	
		Jul'24	Jun'24
Mathur - Nemili	43.9	23.9	20.5
Vikravandi - Sengurichi	47.1	37.7	36.4



# Toll Plaza Analysis: Kochi Port

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

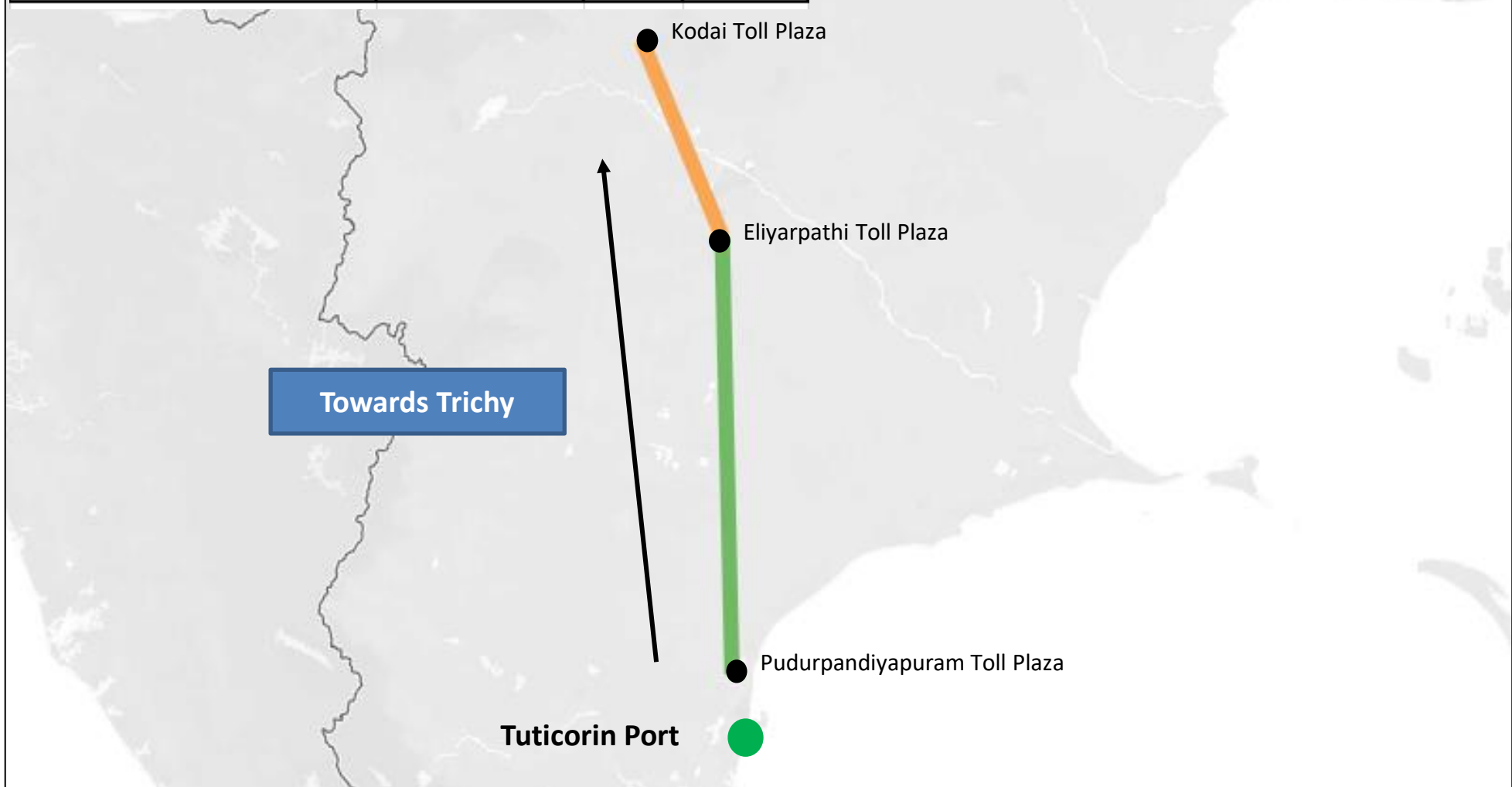
Route	Distance(km)	Speed (Km/hr)	
Towards Coimbatore		Jul'24	Jun'24
Ponnarimangalam - GIPL Paliyekkara	64.1	29.1	29.4
Towards Trivandrum			
Ponnarimangalam - Kumbalam	20.0	18.0	13.5



# Toll Plaza Analysis: Tuticorin Port

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

Route	Distance(km)	Speed (Km/hr)	
		Jul'24	Jun'24
Towards Coimbatore			
Pudurpandiyapuram - Eliyarpathi	113.0	19.4	21.3
Eliyarpathi - Kodai	60.8	-	-

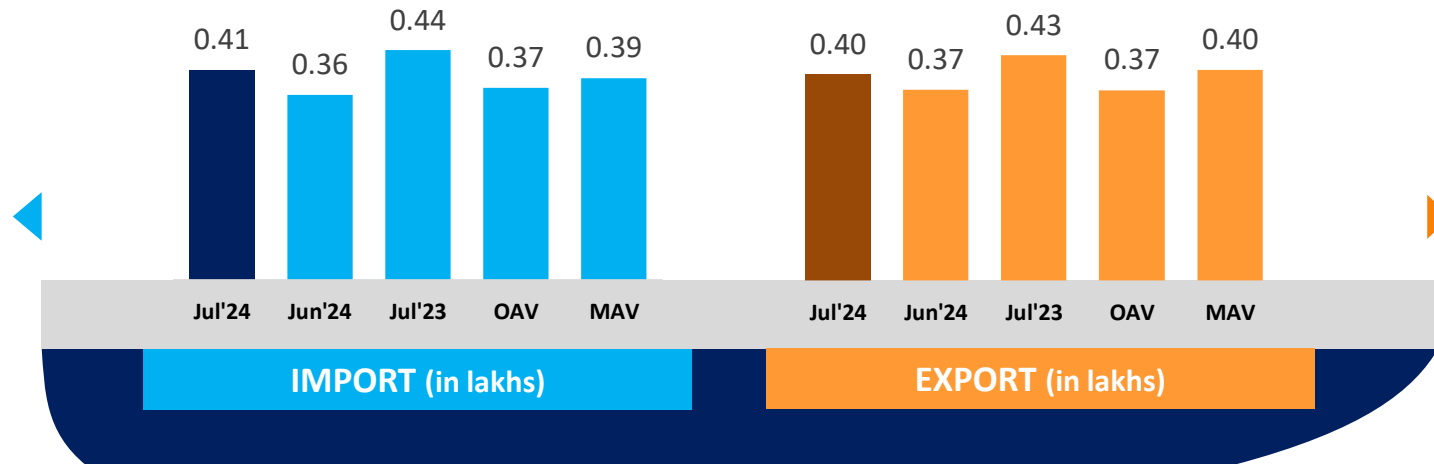


# 04 EASTERN REGION PERFORMANCE

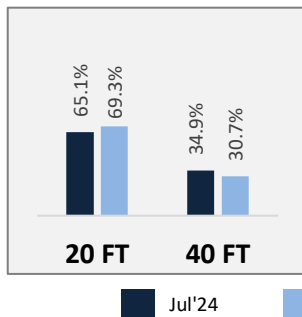


# Container Count: Eastern Region

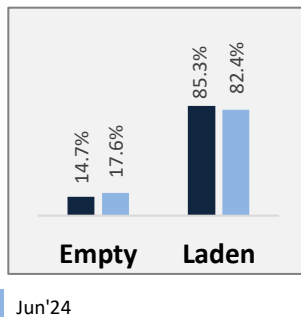
## Eastern Region



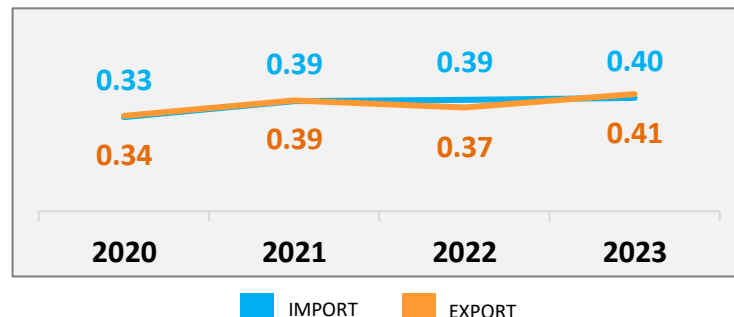
**Container Size-wise (Import)**



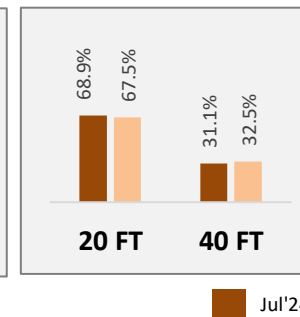
**Container Type-wise (Import)**



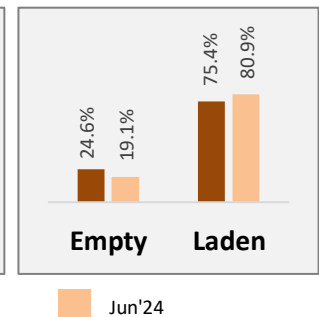
**Container Count - Annual Average (in lakhs/ month)**



**Container Size-wise (Export)**



**Container Type-wise (Export)**



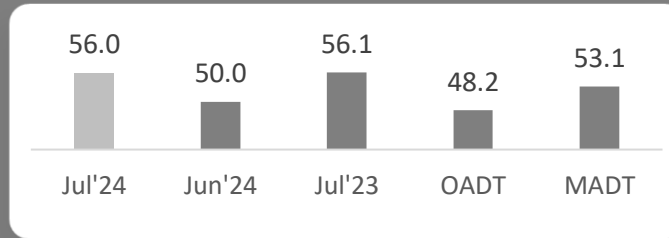
OAV – Overall Avg Volume  
MAV – Monthly Avg Volume

# Dwell Time Performance: Eastern Region Import/ Export Cycle

Eastern Region



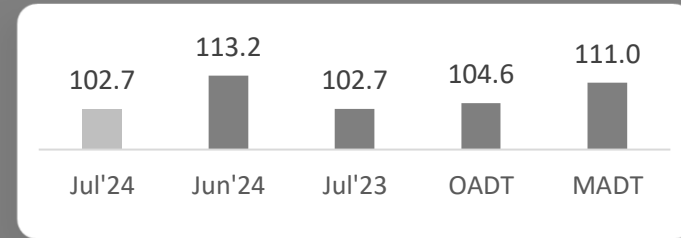
## IMPORT



PAN India Import Dwell Time (Jul'24)

**32.2** Hrs.

## EXPORT



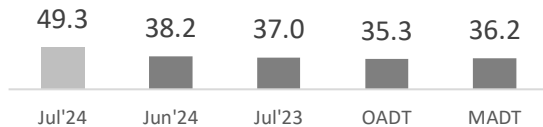
PAN India Export Dwell Time (Jul'24)

**100.7** Hrs.

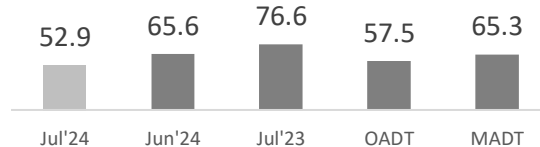
IMPORT

Ports

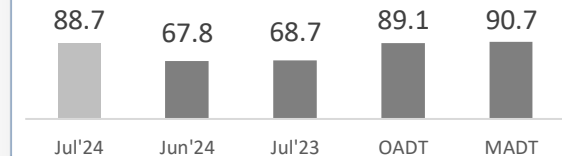
### Kolkata



### Visakhapatnam



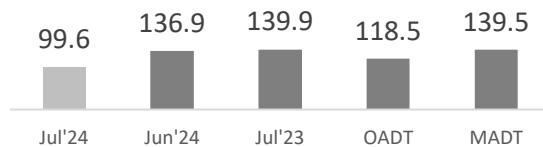
### Haldia



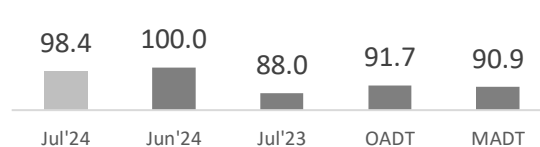
EXPORT

Ports

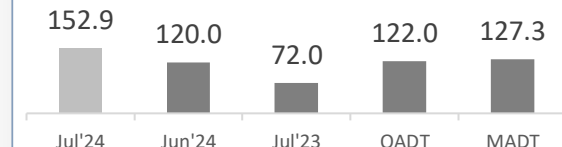
### Kolkata



### Visakhapatnam



### Haldia



OADT – Overall Avg Dwell Time  
MADT – Monthly Avg Dwell Time

**Note:**  
All values are in hours

# Container Turnaround Analysis: Eastern Region



Container turnaround analysis showcases the percentage of container count (no. of boxes) retained by respective ports. This analyzes the number of containers getting imported and exported from 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)		
		Jul'24	Jun'24	Jul'23	Jul'24	Jun'24	Jul'23
Visakhapatnam	Visakhapatnam	95%	93%	98%	34.1	30.0	32.0
	Other Ports	5%	7%	2%	155.3	67.9	67.9
Kolkata	Kolkata	91%	90%	-	51.1	33.1	-
	Haldia	6%	8%	-	25.4	28.9	-
	Other Ports	3%	2%	-	72.1	58.1	-
Haldia	Haldia	60%	78%	99%	28.0	34.0	49.0
	Kolkata	40%	21%	-	26.5	39.1	-
	Other Ports	-	1%	1%	-	69.5	45.9

# Eastern Region Performance

## Container Lifecycle (Import Cycle)



### Port Dwell Time

IMPORT		Jul'24 (in hrs)		Jun'24 (in hrs)
	 Truck	51.8	↑	46.3
	 Train	141.8	↑	128.6
	Overall	56.0	↑	50.0

### CFS/ ICD Dwell Time

	Jul'24 (in hrs)		Jun'24 (in hrs)
CFS	150.5	↓	158.2
ICD	122.3	↑	109.7



### Port Dwell Time

EXPORT		Jul'24 (in hrs)		Jun'24 (in hrs)
	 Truck	100.7	↓	112.0
	 Train	127.1	↑	123.8
	Overall	102.7	↓	113.2

### CFS/ ICD Dwell Time

	Jul'24 (in hrs)		Jun'24 (in hrs)
CFS	98.0	↓	101.8
ICD	-		-

## Container Lifecycle (Export Cycle)



 Indicates decrease/ increase in dwell time from last month

# Port Performance Benchmarking: Eastern Region

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

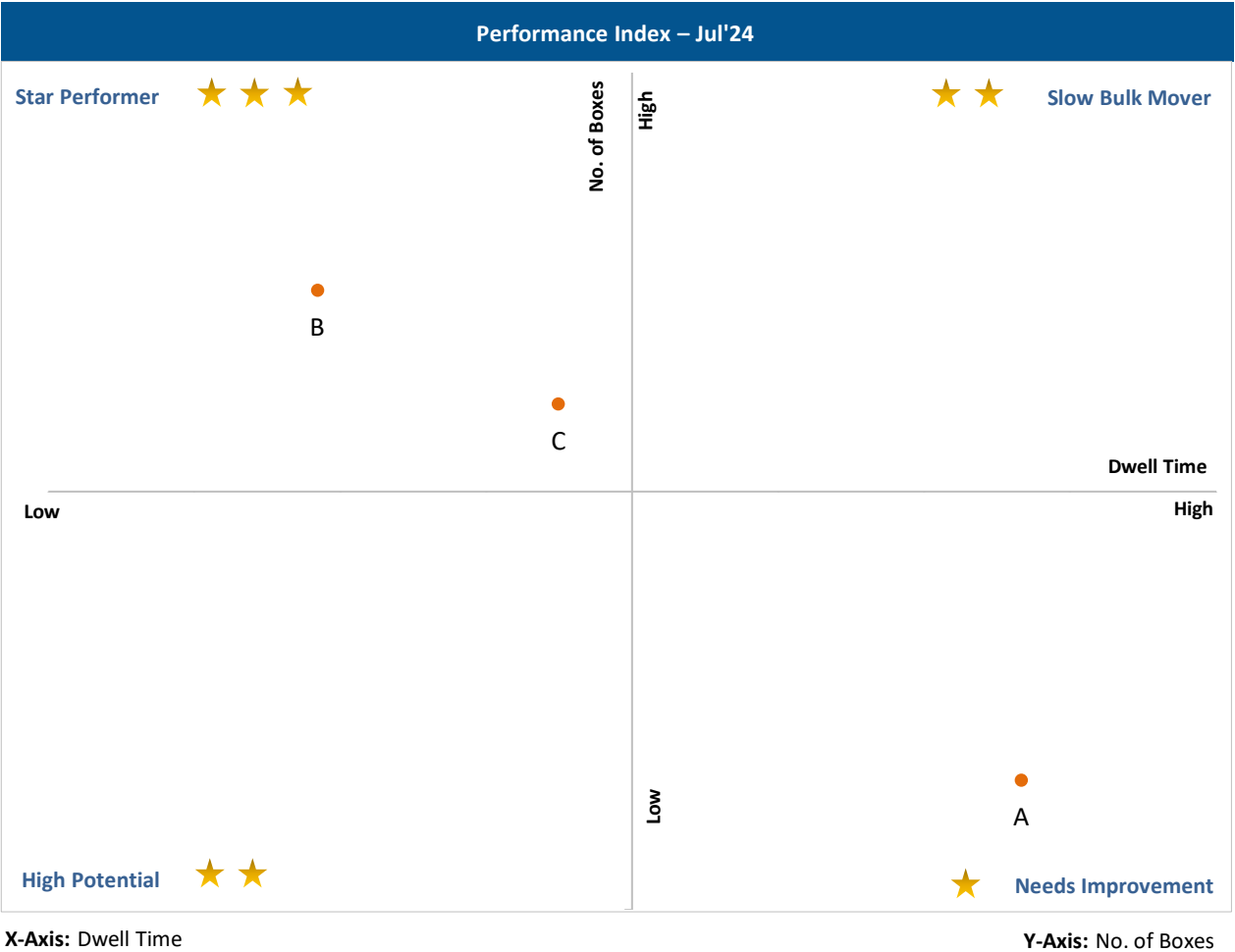


Abb.	Name of Terminal
A	Haldia International Container Terminal (HICT)
B	Kolkata Dock System (KDS) , Kolkata Port
C	Visakha Container Terminal

# Performance Benchmarking: Eastern Region

Performance benchmarking of terminals based on dwell time, container count (no. of boxes) handled, and terminal capacity for Jul'24:



X-Axis: Dwell Time

○ Bubble size represents the terminal capacity

Y-Axis: No. of Boxes

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

**Note:** Terminal abbreviation details are mentioned in annexure

# Port Performance Benchmarking (Previous year same month): Eastern Region

Performance benchmarking of terminals based on the change from previous year same month in dwell time vis-a-vis container count (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

# Port Performance Benchmarking (Capacity & Dwell time): Eastern Region

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



X-Axis: Dwell Time

Y-Axis: TEU Capacity

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

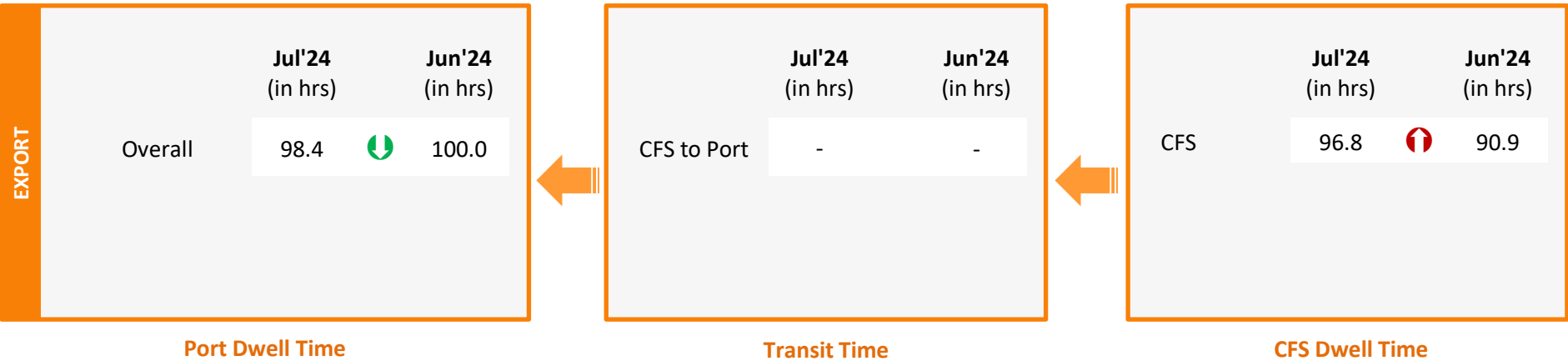
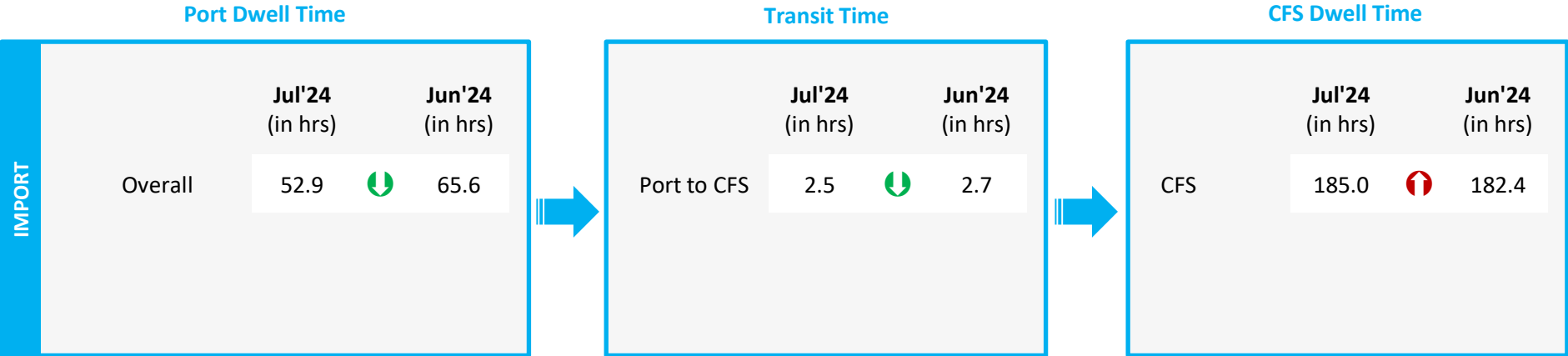
Performance benchmarking of CFSs based on dwell time vis-a-vis container count (no. of boxes) handled:





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

# Visakhapatnam Port Performance

## Container Lifecycle (Import Cycle)



## Container Lifecycle (Export Cycle)

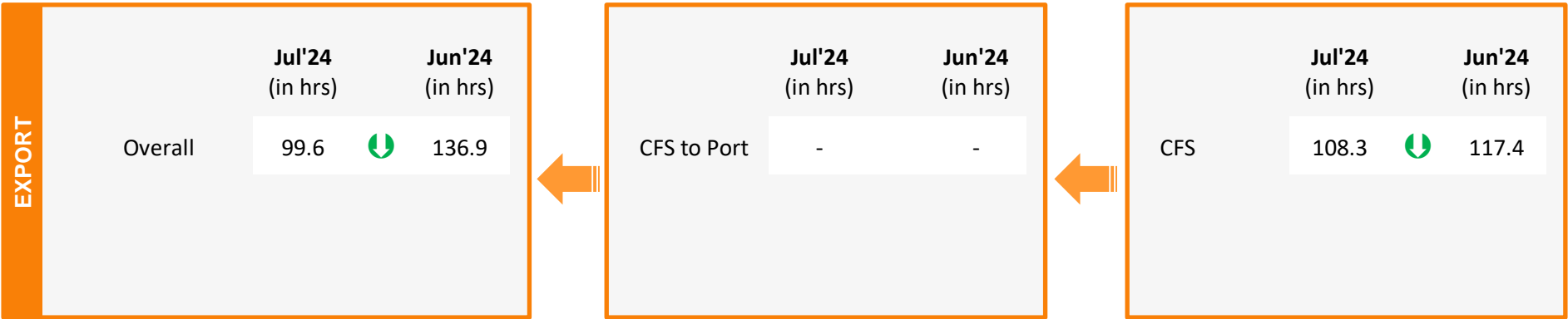
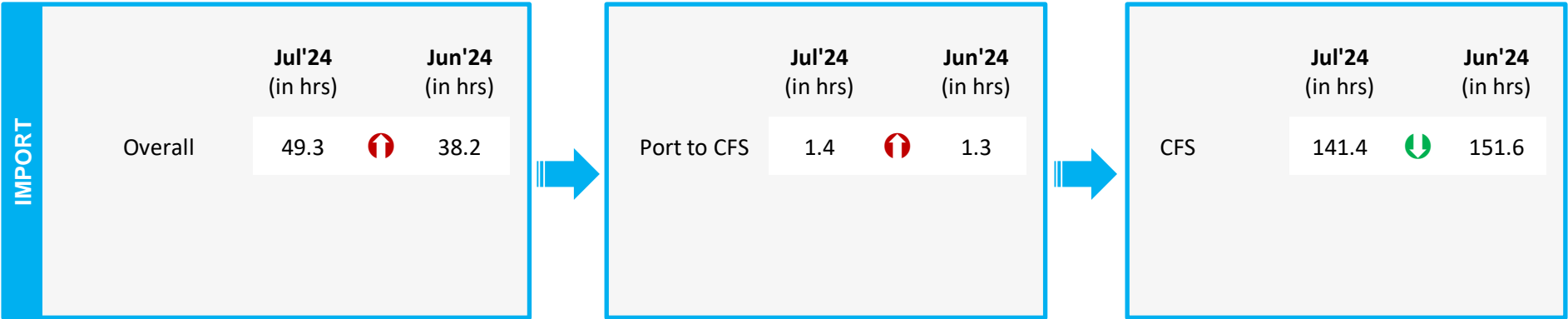
  Indicates decrease/ increase in time from last month

Container Lifecycle (Import Cycle)

Port Dwell Time

Transit Time

CFS Dwell Time





Port Dwell Time

Transit Time

CFS Dwell Time

Container Lifecycle (Export Cycle)

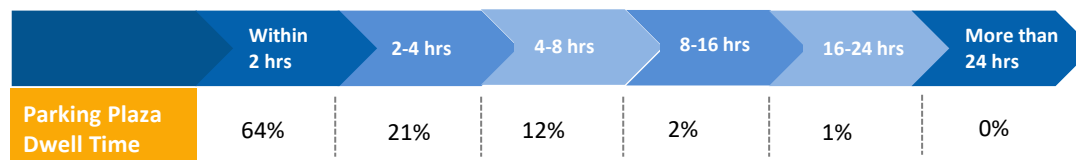
  Indicates decrease/ increase in time from last month

# Parking Plaza Analysis: Kolkata Port

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

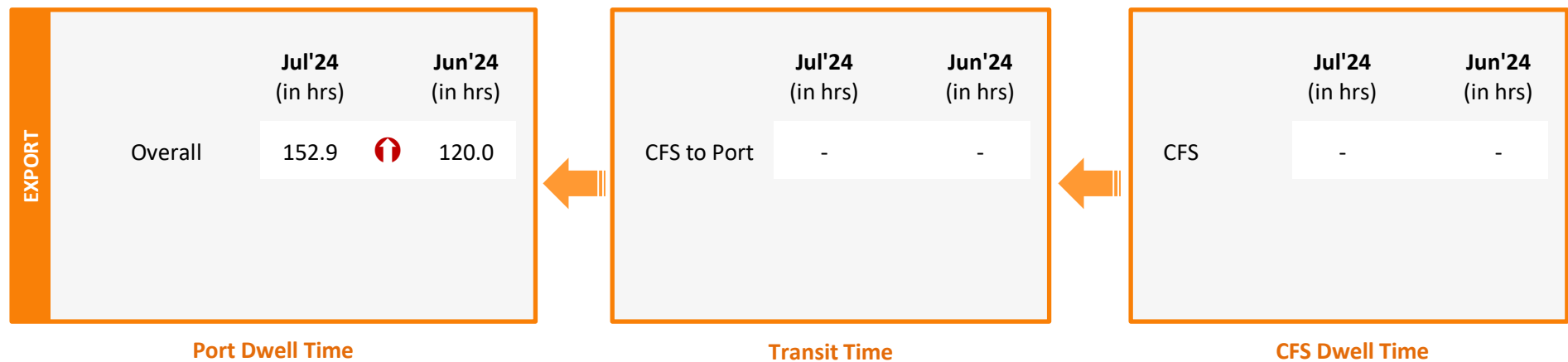
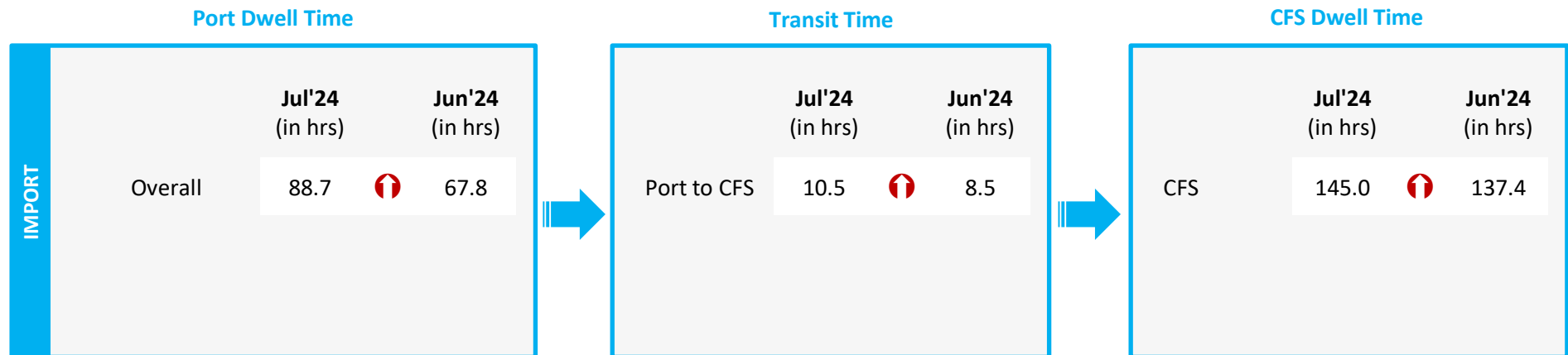
Parking Plaza Dwell Time (Gate In – Gate Out)	Jul'24 (in hrs)	Jun'24 (in hrs)
Phonex M, Q Parking Yard Kolkata	1.5	1.7

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





# Haldia Port Performance

## Container Lifecycle (Import Cycle)



## Container Lifecycle (Export Cycle)

  Indicates decrease/ increase in time from last month

## Port to Toll Plaza Analysis: Eastern Region

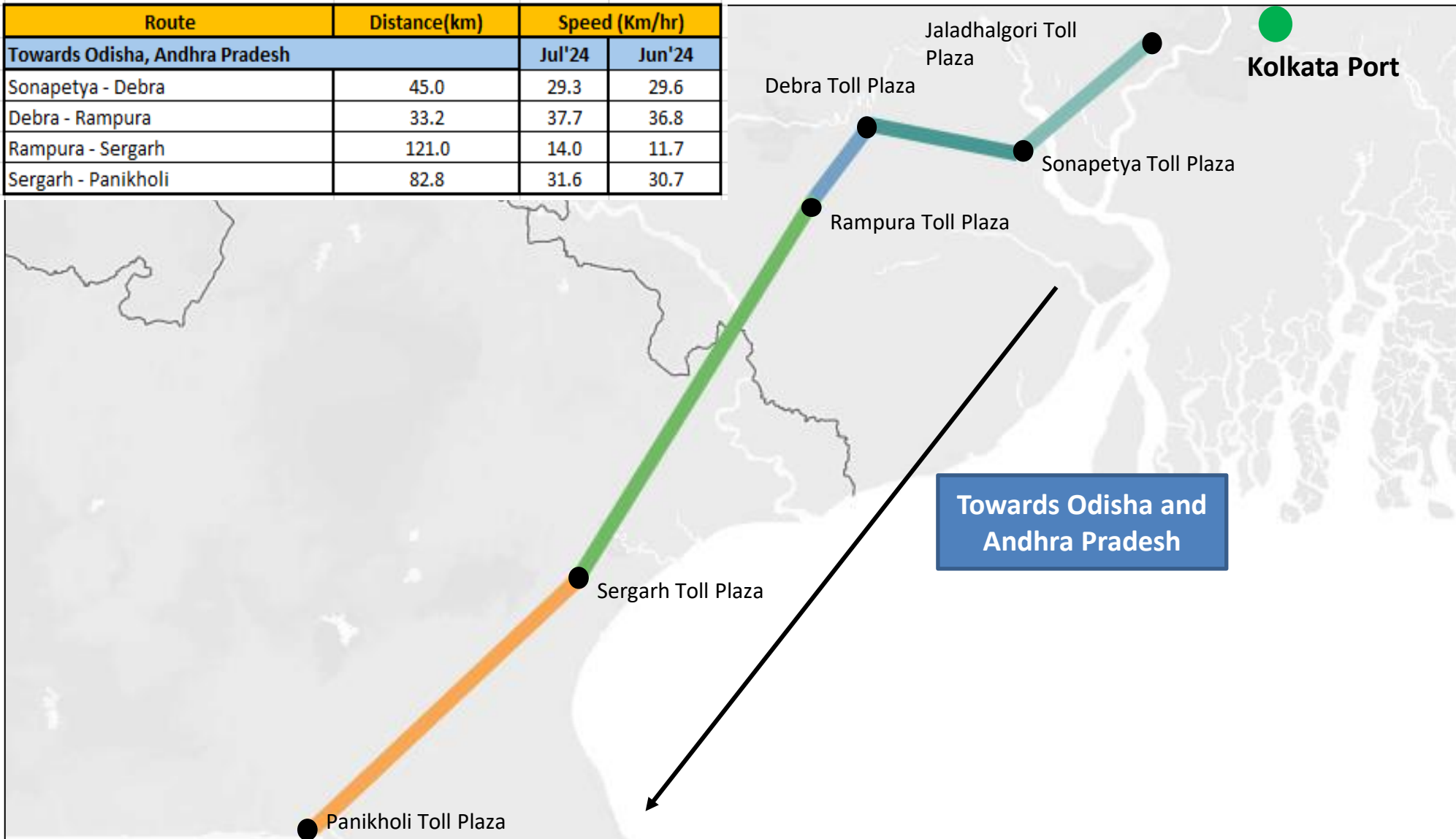
Below table depicts the average speed of a truck to cover the distance between the port and nearest toll plaza:

Region	Port	Adjacent Toll plaza	Distance (in KM)	Average Speed (in Km/hr)	
				Jul'24	Jun'24
Eastern	Kolkata	Rampura	134	14.8	12.7
		Dankuni	28	7.5	7.3
	Haldia	Sonapetya	44	8.7	8.8
	Visakhapatnam	Nathavalasa	59	11.7	12.7
		Sheelanagar	23	20.8	21.0

# Toll Plaza Analysis: Kolkata Port

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

Route	Distance(km)	Speed (Km/hr)	
Towards Odisha, Andhra Pradesh		Jul'24	Jun'24
Sonapetya - Debra	45.0	29.3	29.6
Debra - Rampura	33.2	37.7	36.8
Rampura - Sergarh	121.0	14.0	11.7
Sergarh - Panikholi	82.8	31.6	30.7



# 05 CONGESTION & TRANSIT ANALYSIS



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

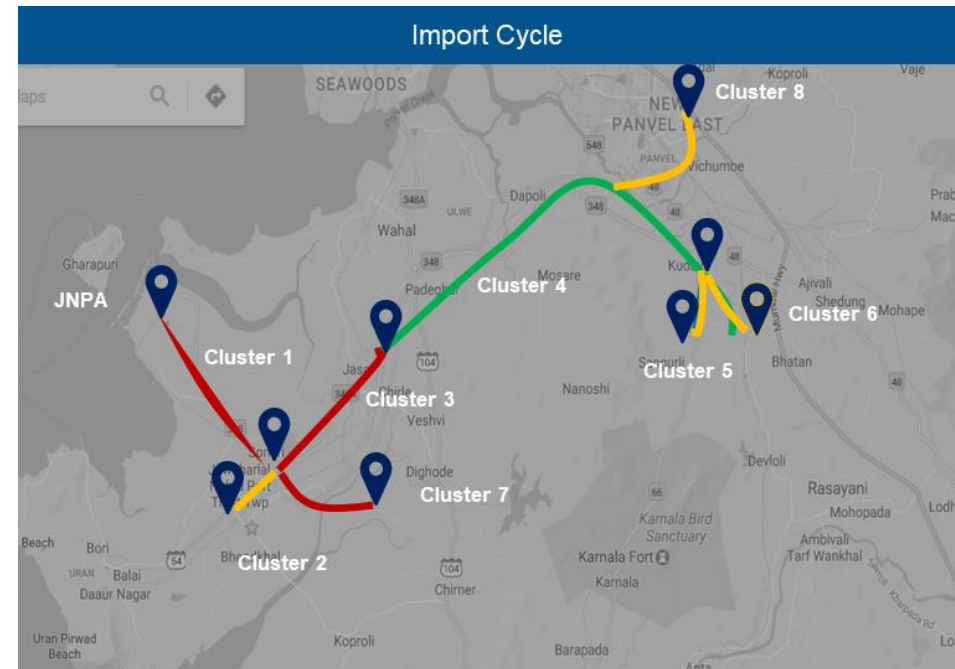
## Methodology

**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.

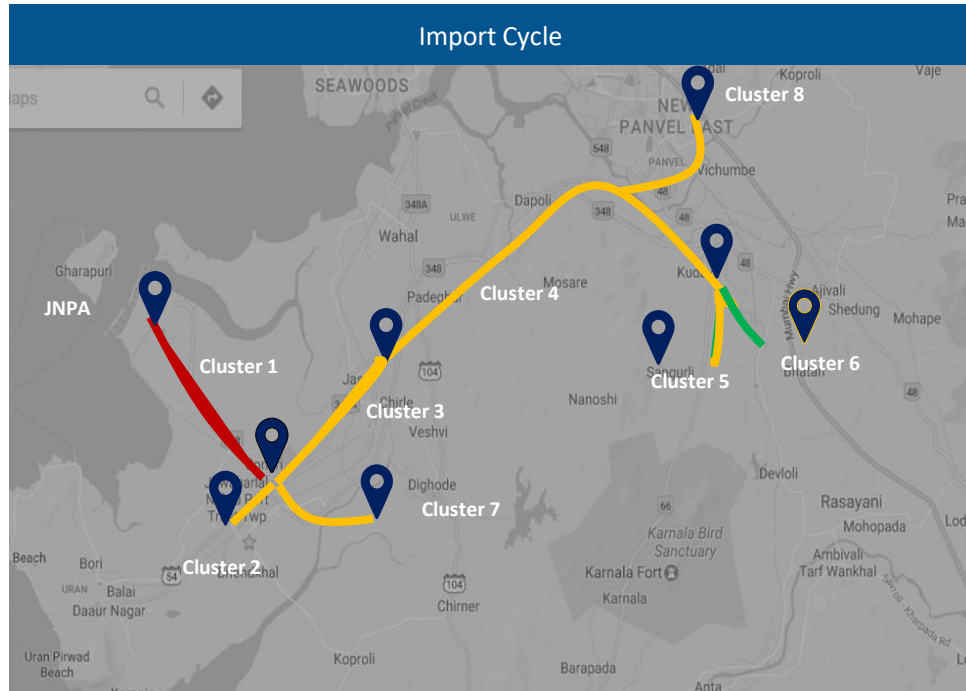
**Step 3** Cluster based congestion level is calculated as per below steps:

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  $\leq 2$  times the threshold
  - Low congestion:  $>1$  to  $\leq 1.5$  times the threshold



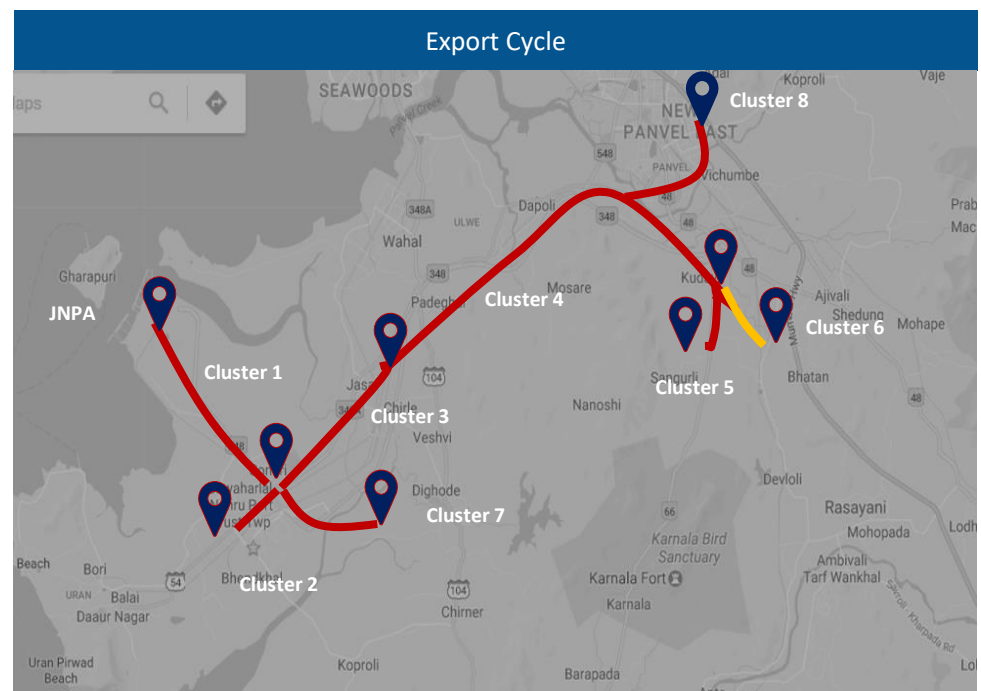
Congestion Level    ■ High    ■ Medium    ■ Low

# Congestion Analysis: JNPA Region



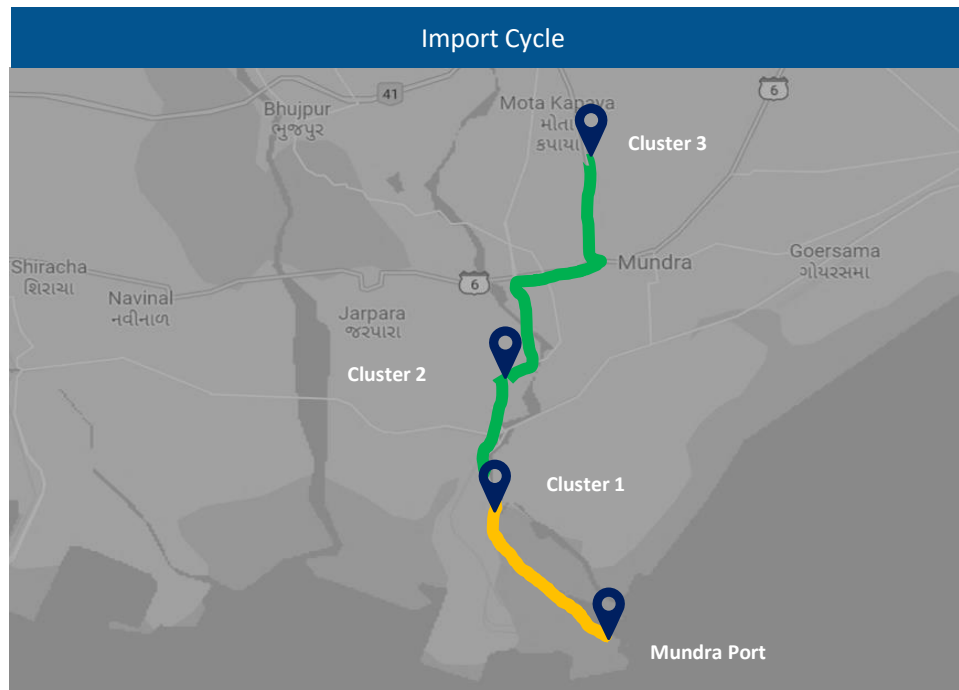
Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	9.15%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	17.73%	Medium
Cluster 3	Sonari Area, JNPA Road	2	13.35%	Medium
Cluster 4	Chirle Area, JNPA Road	1	0.42%	Medium
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	13.90%	Medium
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	22.45%	Low
Cluster 7	Patilpada Area, Khopate JNPA Road	3	22.42%	Medium
Cluster 8	Taloja, Navi Mumbai	1	0.58%	Medium

Congestion Level      ■ High      ■ Medium      ■ Low



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	9.39%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	20.62%	High
Cluster 3	Sonari Area, JNPA Road	2	14.07%	High
Cluster 4	Chirle Area, JNPA Road	1	3.79%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	16.33%	High
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	22.42%	Medium
Cluster 7	Patilpada Area, Khopate JNPA Road	3	12.80%	High
Cluster 8	Taloja, Navi Mumbai	1	0.58%	High

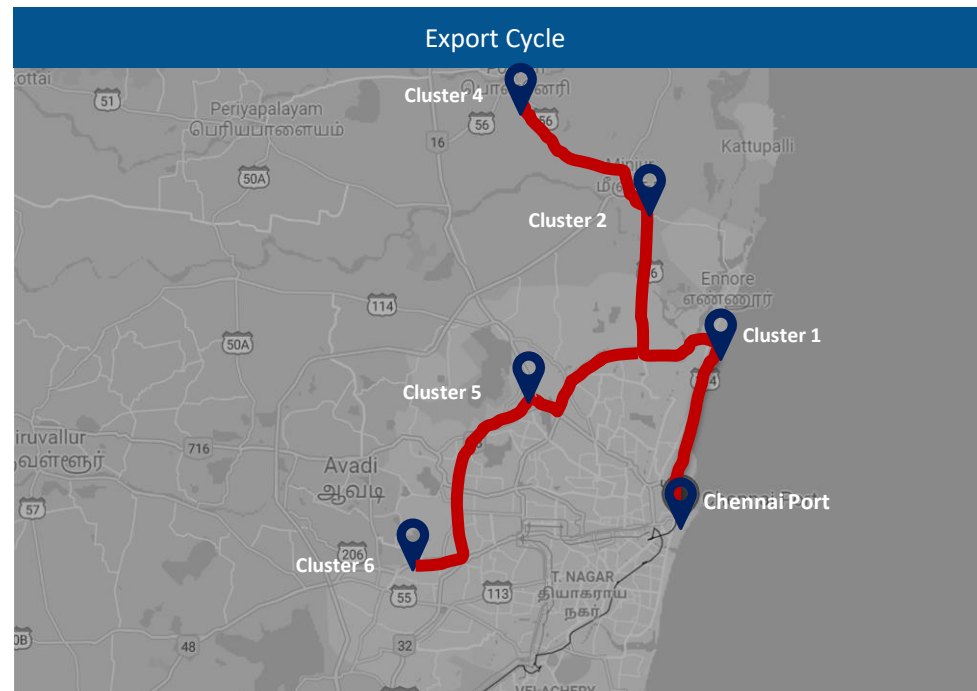
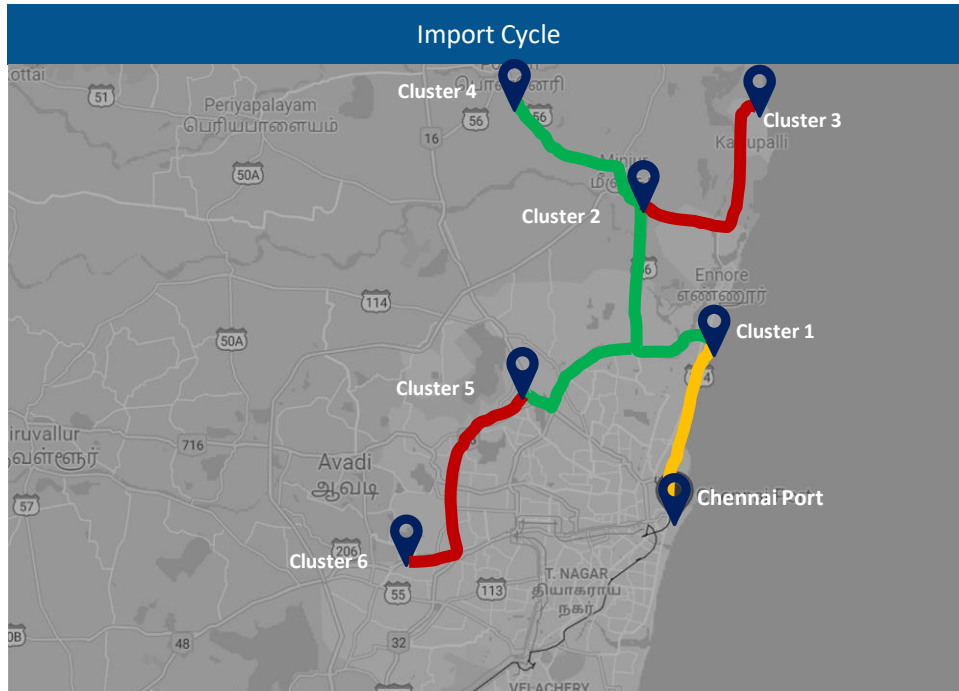
# Congestion Analysis: Mundra Region



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	APSEZ Area	12	85.98%	Medium
Cluster 2	Hind Circle	2	13.30%	Low
Cluster 3	Mota Kapaya	1	0.72%	Low

Congestion Level    ■ High    ■ Medium    ■ Low

# Congestion Analysis: Chennai Region



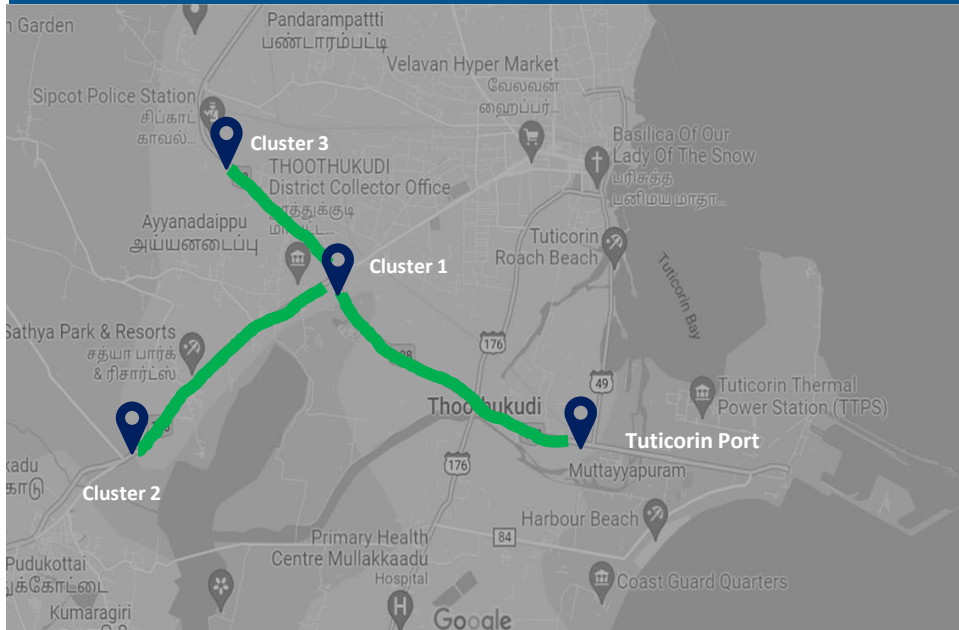
Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Thiruvottiur High Road Julction	3	19.15%	Medium
Cluster 2	Aandarkuppam - Melur Julction	14	64.94%	Low
Cluster 3	Kattupalli Port bound Area	2	0.06%	High
Cluster 4	Minjur - Ponneri bound Area	3	3.68%	Low
Cluster 5	Madhavaram - Moolakadai Julction	3	8.34%	Low
Cluster 6	Poonamallee - Sriperumbadur Julction	5	3.83%	High

Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Thiruvottiur High Road Julction	3	22.06%	High
Cluster 2	Aandarkuppam - Melur Julction	14	54.41%	High
Cluster 3	Kattupalli Port bound Area	2	-	-
Cluster 4	Minjur - Ponneri bound Area	3	11.76%	High
Cluster 5	Madhavaram - Moolakadai Julction	3	2.94%	High
Cluster 6	Poonamallee - Sriperumbadur Julction	5	8.83%	High

Congestion Level ■ High ■ Medium ■ Low

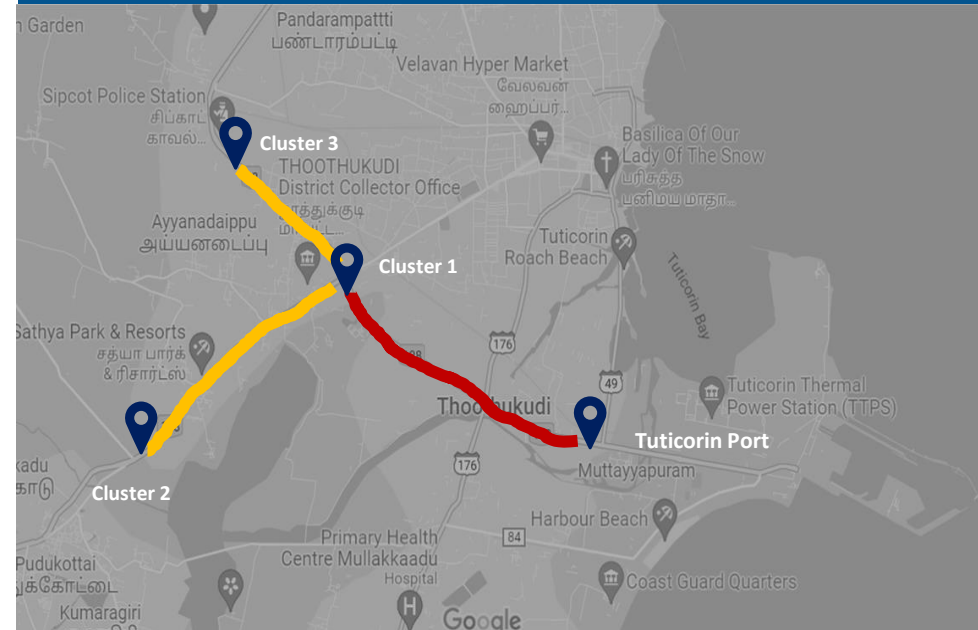
# Congestion Analysis: Tuticorin Region

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	4	25.81%	Low
Cluster 2	Tirunelveli Road nearby Podukottai	2	14.64%	Low
Cluster 3	Sipcot Area nearby Madurai Road	8	59.55%	Low

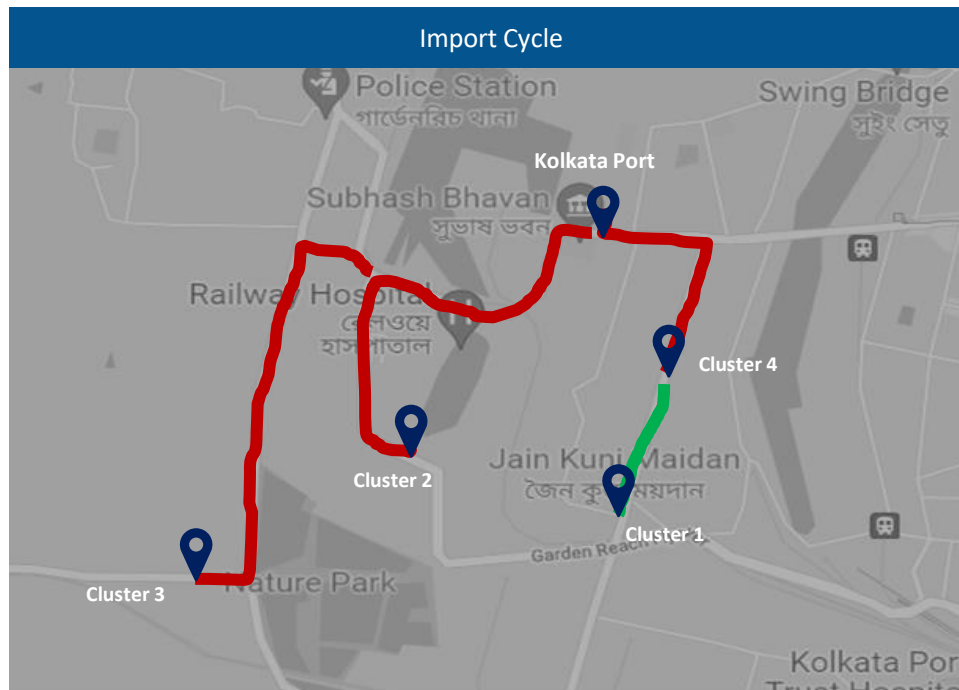
Export Cycle






Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	4	16.67%	High
Cluster 2	Tirunelveli Road nearby Podukottai	2	66.67%	Medium
Cluster 3	Sipcot Area nearby Madurai Road	8	16.66%	Medium

Congestion Level ■ High ■ Medium ■ Low

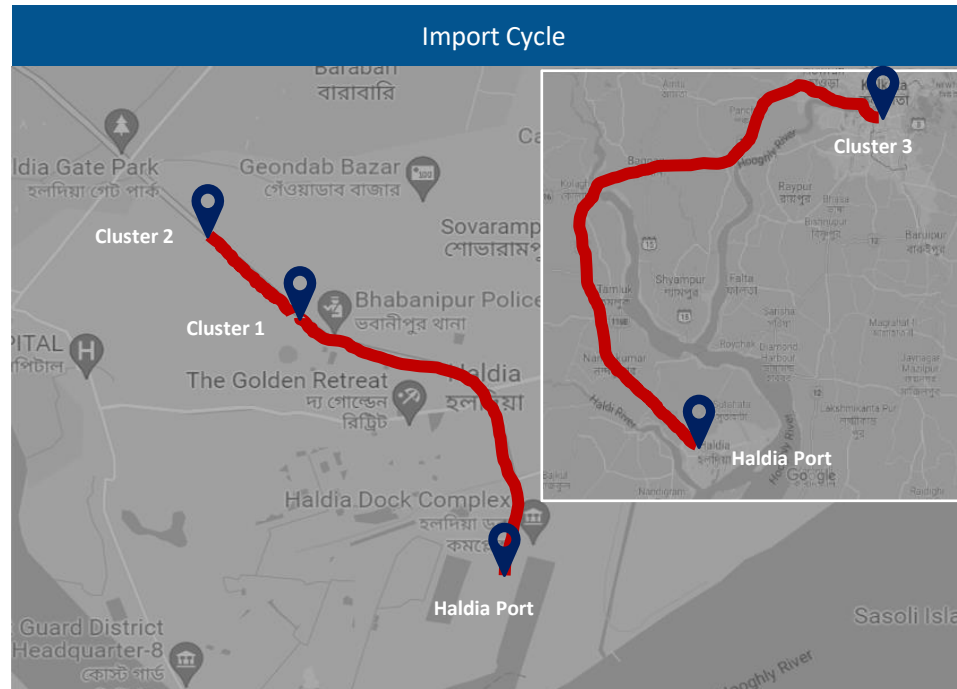
# Congestion Analysis: Kolkata Region



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Base Bridge Area	3	50.00%	Low
Cluster 2	Sonapur Road Area	1	14.30%	High
Cluster 3	Nature Park Area	1	32.80%	High
Cluster 4	Babu Bazar Area	1	2.90%	High

Congestion Level  High  Medium  Low

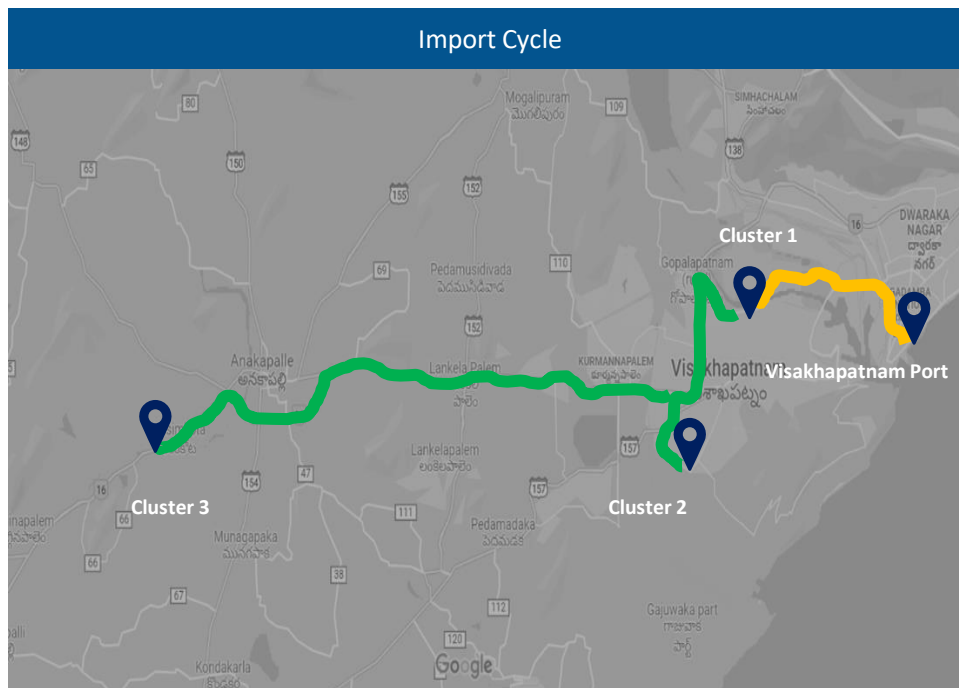
# Congestion Analysis: Haldia Region



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Talpukur Area, Kolkata Highway	1	28.51%	High
Cluster 2	City Centre Area, Kolkata Highway	2	50.68%	High
Cluster 3	Silpodanga Area	1	20.81%	High

Congestion Level ■ High ■ Medium ■ Low

# Congestion Analysis: Visakhapatnam Region



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Port Road, Gopalapatnam Area	4	68.19%	Medium
Cluster 2	Autonagar, Gajuwaka Area	3	27.70%	Low
Cluster 3	Chennai – Kolkata Highway, Bayavaram Area	1	4.11%	Low

Congestion Level ■ High ■ Medium ■ Low

# Transit Movement across ICPs

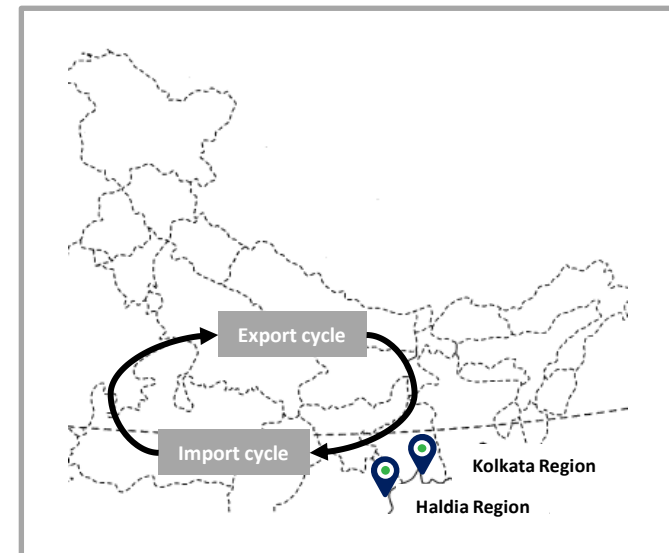
Transit movement across ICPs from Kolkata & Haldia Port Terminal for Jul'24:

## Kolkata Port Terminal

Import Cycle	Mode	ICP Raxaul	ICP Jogbani
	Overall	97.5 hrs	108.4 hrs

## Haldia Port Terminal

Import Cycle	Mode	ICP Raxaul	ICP Jogbani
	Overall	104.1 hrs	169.1 hrs



# 06 ANNEXURE



## Annexure – Terminal Names

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

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

# Annexure – ICD Names

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

Ref. No.	Name	Ref. No.	Name
1	Dronagiri Rail Terminal CFS, Navi Mumbai	26	Gateway Rail Freight ICD, Pyala
2	ICD KHODIYAR	27	Vaishno Container Terminal-ICD Tarapur
3	ICD SANATHNAGAR	28	MMLP VISHAKAPATNAM
4	CONCOR ICD, Dadri	29	CMA CGM Logistics Park, Dadri
5	ICD WHITEFIELD	30	The Thar Dry Port Jodhpur
6	Adani ICD, Tumb	31	Gateway Rail ICD, Sahnewal
7	Hind Terminals Logistics Park ICD, Palwal	32	APM Terminals ICD, Dadri
8	The Thar Dry Port ICD Ahmedabad	33	MMLP VARNAMA
9	Pristine ICD Chawapail , Ludhiana	34	ICD DAULATABAD
10	CONCOR Kanakpura ICD, Jaipur	35	Pegasus Inland Container Depot
11	ICD BGKT, JODHPUR	36	ICD Jajpur (Jindal Stainless Ltd.)
12	HTPL ICD Qilaraipur Ludhiana	37	MMLP TIHI
13	ICD DDL, LUDHIANA	38	ICD KANPUR
14	KLPL ICD, Kanpur	39	MMLP PANTHNAGAR (SIDCUL-CONCOR)
15	Allcargo Logistics Park ICD, Dadri	40	ICD KIFTPL Kashipur
16	Continental Warehousing Corporation Nhava Sheva pvt.	41	Gateway Rail Freight Limited ICD
17	Albatross Inland Ports ICD, Dadri	42	CFS VALLARPADAM
18	MMLP MIHAN	43	Adani Logistics Park ICD, Gurgaon
19	MMLP KHATUWAS	44	ICD Pali (KIPL)
20	CONTAINER CORPORATION OF INDIA LTD - TONDIARPET (ICDTV-T)	45	MMLP BALLI
21	ICD ANKLESHWAR	46	ICD MAJHERHAT
22	ICD MANDIDEEP	47	CONCOR ICD, Aurangabad
23	MMLP BARHI		
24	APM Terminals Inland Services ICD Bhamboli		
25	Kribhco ICD, Meerut		

## Annexure – CFS Names - Western Region

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

Ref. No.	Name	Ref. No.	Name
1	Adani CFS Eximyard, Mundra	24	Kerry Indev Logistics Pvt Ltd CFS
2	AllCargo CFS, Mundra	25	Landmark CFS, Mundra
3	AllCargo Logistics	26	LCL Logistics CFS, Pipavav
4	Ameya Logistics CFS, Navi Mumbai	27	Maharashtra State Corp CFS
5	APM (Maersk India) CFS, Navi Mumbai	28	MICT CFS, Mundra
6	Apollo Logisolutions CFS, Panvel	29	Mundhra CFS, Mundra
7	Ashte Logistics CFS, Panvel	30	Navkar Corporation Yard 2 CFS, Panvel
8	Ashutosh CFS, Mundra	31	Navkar Corporation Yard 3 CFS, Panvel
9	Balmer & Lawrie CFS, Navi Mumbai	32	Ocean Gate CFS, Panvel
10	Contrans Logistic CFS, Pipavav	33	Punjab Conware CFS, Navi Mumbai
11	CWC CFS, Mundra	34	Sarveshwar CFS
12	CWC Conex Terminal CFS	35	Saurashtra CFS, Mundra
13	CWC Impex Park CFS, Navi Mumbai	36	Seabird CFS, Mundra
14	CWC Polaris logistics park	37	Seabird CFS, Navi Mumbai
15	EFC Logistics India	38	Speedy Multimode CFS, JNPT
16	Gateway Distriparks CFS, Navi Mumbai	39	Take Care Logistics CFS
17	HAZIRA CFS	40	TG Terminals CFS, Mundra
18	Hind Terminal CFS, Hazira	41	Transworld CFS, Mundra
19	Hind Terminals Pvt. Ltd. CFS, Mundra		
20	Honey Comb CFS, Mundra		
21	International Cargo Terminals (ULA) CFS, Navi Mumbai		
22	JWC Logistics Park CFS		
23	JWR CFS		

# Annexure – CFS Names - Southern & Eastern Region

List of CFS names used in Southern CFS Performance Index

Ref. No.	Name	Ref. No.	Name
1	A S Shipping Agencies CFS, Tiruvallur	23	Kailash Shipping Services CFS, Chennai
2	A.S.Shipping Agencies Pvt Ltd	24	Kences CFS Chennai
3	Adani CFS, Kattupalli Tiruvallur Tamil Nadu	25	Kerry Indev Logistics ICD, Kanchipuram
4	Allcargo Global Logistics CFS, Chennai	26	Kerry Indev Logistics Private Limited / Continental Container Freight Station
5	ALS Tuticorin Terminal Private Limited	27	MIV CFS
6	Apm Terminals India CFS, Tiruvallur	28	O Yard CFS Chennai
7	Balmer Lawrie CFS, Chennai	29	Prompt Terminals (P) Ltd
8	Balmer Lawrie, Visakhapatnam	30	Raja Agencies CFS
9	Calyx Container Terminal CFS, Chennai	31	Sanco Trans CFS, Chennai
10	Chandra CFS, Tiruvallur	32	Sattva Cfs And Logistics CFS, Chennai
11	Chola Logistics Pvt Ltd	33	Sattva Hi-Tech And Conware CFS, Chennai
12	Continental Warehousing Corporation CFS (Nhava Seva), Chennai	34	Sical CFS, Chennai Tiruvallur Tamil Nadu
13	Continental Warehousing Corporation CFS (Nhava Seva), Tiruvallur	35	Sical Multimodal and Rail Transport Ltd. - CFS Division
14	Continental Warehousing Corporation Nhava Sheva Ltd.	36	St. John Freight Systems Ltd. - ICD Division
15	Diamond CFS Park	37	STP Services CFS, Chennai
16	Ennore Cargo Container Terminal CFS, Chennai	38	Sudharsan Logistics CFS, Chennai
17	Gateway Distriparks CFS, Chennai	39	Sun Global Logistics CFS, Kanchipuram
18	GDKL CFS	40	Supply Chain Logistics Pvt LTD CFS, Chennai
19	Glovis India CFS, Kanchipuram	41	Thiru Rani Logistics CFS, Tiruvallur
20	Hari CFS	42	Triway CFS, Chennai
21	Hind Terminals CFS, Chennai	43	Viking Warehousing CFS, Chennai
22	ICBC CFS Chennai	44	Vilsons CFS

List of CFS names used in Eastern CFS Performance Index

Ref. No.	Name
1	A L Logistics CFS
2	Allcargo Logistics CFS
3	Balmer Lawrie CFS
4	Century Plyboards CFS, JJP
5	Century Plyboards CFS, Sonai
6	CWC CFS, Kolkata
7	Gateway East India CFS
8	Phonex CFS
9	Ralson Petro Chemicals CFS
10	SICAL CFS
11	Sravan CFS-1
12	Sravan CFS-2
13	Transworld Terminals Pvt. Ltd.
14	VCT CFS
15	VPL Integral CFS



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