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LOGISTICS DATA BANK

ANALYTICS REPORT

OCTOBER 2024

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NATIONAL LOGISTICS POLICY

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

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LDB AT A GLANCE

76 MILLION+
CONTAINERS HANDLED

184	Toll Plaza Coverage
558+	CFS/ICD/EY/ICP/IZ/ PP/SEZ Coverage
600+	Operators deployed at ports
100%	EXIM Container Terminals covered
4150+	RFID readers deployed PAN India
EDI	with FOIS and 28 Port Terminals

PORT PERFORMANCE

(September'24 vs October'24)

DWELL TIME

WESTERN REGION
Import Cycle : 44.4% (40.8 hrs to 22.7 hrs) ▼

Export Cycle : 1.8% (84.9 hrs to 86.4 hrs) ▲

TOP-PERFORMER : Bharat Mumbai Container Terminals (PSA)

EASTERN REGION
Import Cycle : 5.0% (60.3 hrs to 57.3 hrs) ▼

Export Cycle : 5.9% (98.3 hrs to 92.5 hrs) ▼

TOP-PERFORMER : Visakha Container Terminal

SOUTHERN REGION
Import Cycle : 23.5% (57 hrs to 43.6 hrs) ▼

Export Cycle : 0.3% (79.2 hrs to 79 hrs) ▼

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

TOP PERFORMERS OF OCTOBER 2024 PAN INDIA

TERMINAL
Bharat Mumbai Container Terminals (PSA)

CFS
Sical CFS, Chennai Tiruvallur Tamil Nadu

ICD
Dronagiri Rail Terminal CFS, Navi Mumbai

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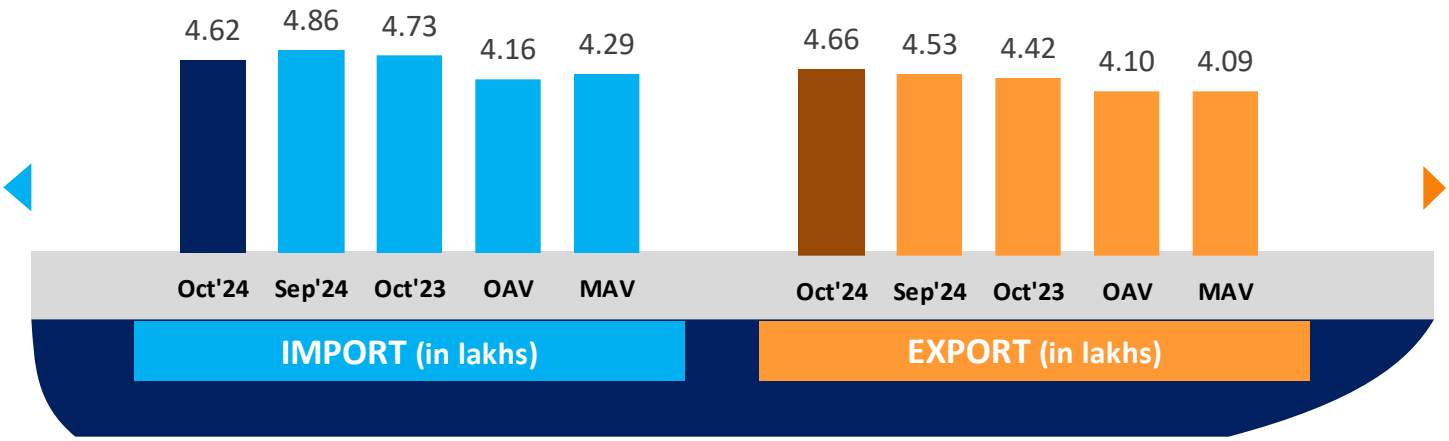
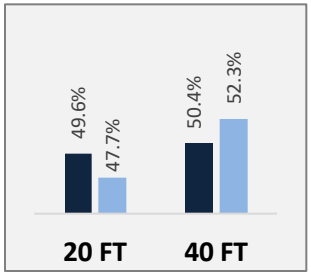
01
PAN INDIA PERFORMANCE

Container Count: PAN India

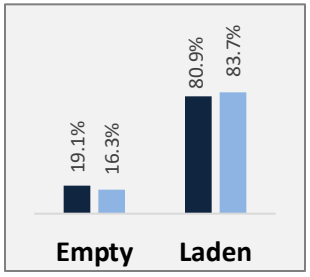
PAN India



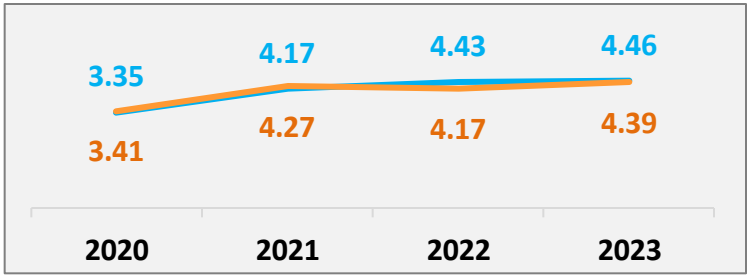
Container Size-wise (Import)



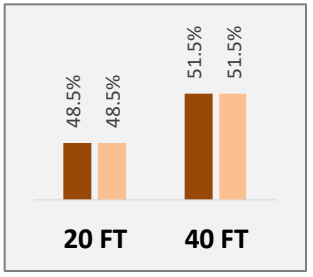
Container Type-wise (Import)



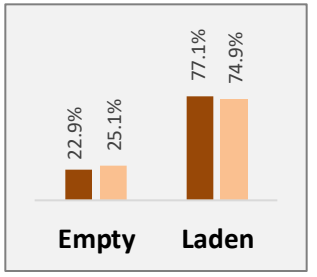
Container Count - Annual Average (in lakhs/ month)



Container Size-wise (Export)



Container Type-wise (Export)



Oct'24 Sep'24 IMPORT EXPORT Oct'24 Sep'24

OAV – Overall Avg Volume
MAV – Monthly Avg Volume

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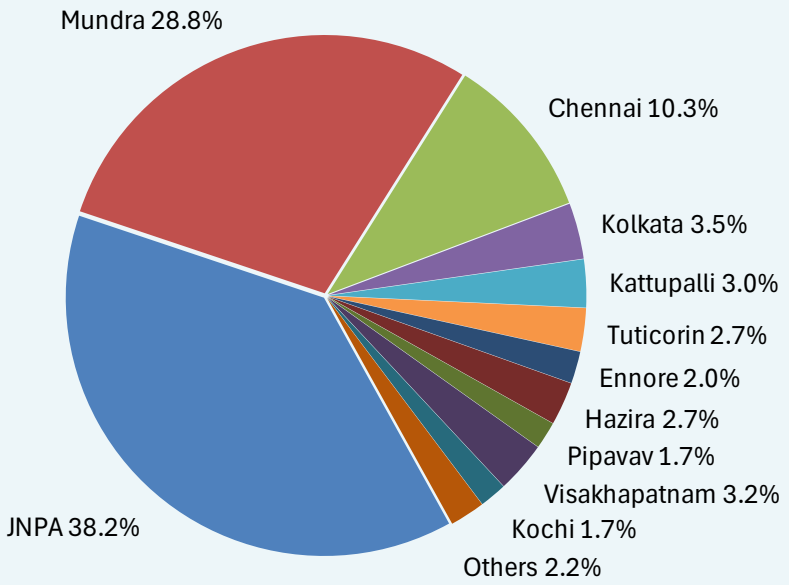
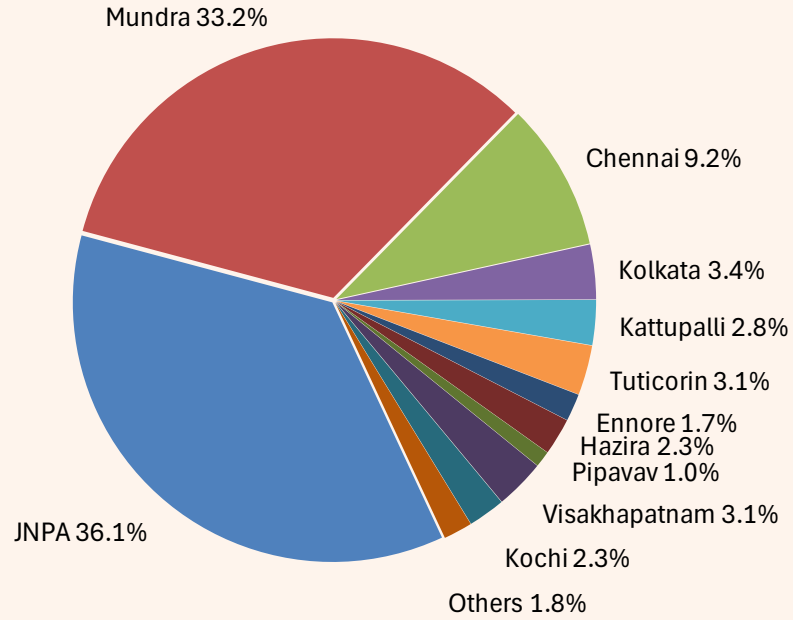
PAN India Distribution

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

Import Containers Distribution (49.8%) (Container count in % for Oct'24)



Export Containers Distribution (50.2%) (Container count in % for Oct'24)



In the previous month, container distribution in Import and Export cycle was 51.7% and 48.3% respectively.

Others include Kandla, Haldia, Paradip and New Mangalore

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Key Observations

In comparison with September 2024:

Pan India	• Container count (no. of boxes) has **reduced by 5.0%** in import cycle primarily due to southern and eastern region, where the volume handled has **reduced by 15% and 15%,** respectively. • Container count (no. of boxes) has **increased by 2.7%** in export cycle primarily due to western region, where the volume handled has **increased by 8%** in export cycle. • Top performing terminal for this month is Bharat Mumbai Container Terminals (PSA).
Western Region`	• Western region dwell time **performance has improved by 44%** in import cycle which is majorly due to JNPA and Mundra port where the dwell time **performance has improved by 47% and 43%** respectively in import cycle. • JNPA port import cycle dwell time **performance has improved by 47%** from the previous month (Oct'24 import cycle dwell time: 20.3 hrs).The notable improvement can be attributed to the removal of traffic restrictions that were imposed in September month due to the Ganpati festival. These restrictions had resulted in increased congestion the port in September month. Improvement in October thus is mainly due to the resolution of September month's congestion. • Mundra port import cycle dwell time **performance has improved by 43%** from the previous month (Oct'24 import cycle dwell time: 25.7hrs).This significant improvement can be attributed to the completion of ongoing construction work which impacted the dwell time during previous month. The development of five additional electric rail lines has reduced container handling time and congestion, leading to improved performance.
Southern Region	• Southern region dwell time **performance has improved by 24%** in import cycle as reduced vessel calls led to faster clearance of containers in the region. • Kattupalli port dwell time **performance has improved by 30%** in import cycle due to low vessel calling and faster container clearance at the yard. • Tuticorin CFS transit time **performance has reduced by 19%** in export cycle due to ongoing road widening work.
Eastern Region	• Haldia port dwell time **performance has improved by 24%** in import cycle as there was low vessel calling due to festive month, leading to faster container clearance at the port. • Kolkata port dwell time **performance has reduced by 26%** in import cycle due to high congestion and entry restrictions for trucks because of festive season. • Kolkata CFS transit time **performance has reduced by 25%** in import cycle. This is also a result of heavy congestion and truck entry restrictions due to the festive season. • Haldia CFS dwell time **performance has reduced by 20%** in import cycle due to high congestion because of festive season.

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Dwell Time Performance (October 2024): PAN India

Western Region

Hazira

Import	Export
20.9	116.0

Pipavav

Import	Export
64.1	122.8

Kolkata

Import	Export
55.3 ↑	118.6

Mundra

Import	Export
25.7 ↓	97.6

Visakhapatnam

Import	Export
52.9 ↓	73.6 ↓

Nhava Sheva (JNPA)

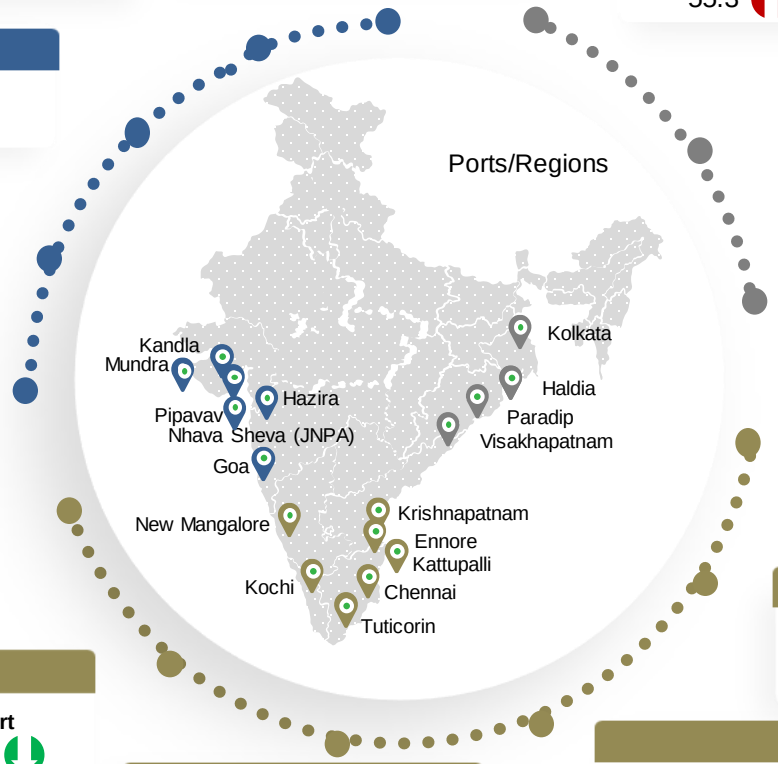
Import	Export
20.3 ↓	77.1

Haldia

Import	Export
67.3 ↓	126.7

Kandla

Import	Export
41.2 ↓	66.9 ↓



Chennai

Import	Export
42.8 ↓	80.2

Tuticorin

Import	Export
21.6 ↓	63.5

Ennore

Import	Export
67.7 ↑	103.7 ↑

Kochi

Import	Export
46.6 ↑	89.2 ↓

Kattupalli

Import	Export
58.4 ↓	90.7

New Mangalore

Import	Export
85.5	76.4 ↓
47.8*	57.6*

Southern Region

Eastern Region

Note:
- Dwell Time includes free time
- * Marked Dwell time does not include the free time at the port
- All values are in hours

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

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

Western Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
Oct'24	22.7 ↓	86.4 ↑
Sep'24	40.8	84.9
Oct'23	25.8	81.0
OADT	25.6	91.8
MADT	23.9	88.4

Southern Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
Oct'24	43.6 ↓	79.0 ↓
Sep'24	57.0	79.2
Oct'23	43.9	77.6
OADT	42.7	86.5
MADT	41.6	82.4

Eastern Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
Oct'24	57.3 ↓	92.5 ↓
Sep'24	60.3	98.3
Oct'23	43.7	85.3
OADT	49.2	107.6
MADT	44.9	99.1

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

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

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Dwell Time Performance: Port Import Cycle

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	**22.7**		**40.8**	**25.8**	**25.6**	**23.9**
JNPA	20.3	↓	38.6	22.4	22.2	20.7
Mundra	25.7	↓	45.3	28.6	28.5	27.0
Pipavav	64.1	↓	66.6	53.3	53.6	50.6
Kandla	41.2	↓	65.8	62.1	46.5	45.9
Hazira	20.9	↓	23.0	35.9	31.3	29.5
Southern Region	**43.6**		**57.0**	**43.9**	**42.7**	**41.6**
Chennai	42.8	↓	60.4	44.9	45.4	44.4
Kochi	46.6	↑	39.9	33.5	42.0	40.2
Kattupalli	58.4	↓	83.0	94.0	55.8	55.6
Tuticorin	21.6	↓	24.1	20.0	22.2	18.6
Ennore	67.7	↑	58.7	42.8	43.7	43.0
New Mangalore	47.8*	↓	59.5*	60.2	76.7	64.8
Eastern Region	**57.3**		**60.3**	**43.7**	**49.2**	**44.9**
Visakhapatnam	52.9	↓	65.2	53.3	58.8	51.1
Kolkata	55.3	↑	44.0	35.5	36.3	35.6
Haldia	67.3	↓	88.5	65.4	87.9	80.4

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

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Dwell Time Performance: Port Export Cycle

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	**86.4**		**84.9**	**81.0**	**91.8**	**88.4**
JNPA	77.1	↑	73.7	65.1	74.1	72.8
Mundra	97.6	↓	99.5	97.5	113.6	107.9
Pipavav	122.8	↑	114.8	99.9	113.4	112.4
Kandla	66.9	↓	94.5	82.1	110.3	92.6
Hazira	116.0	↓	117.4	96.3	119.4	113.2
Southern Region	**79.0**		**79.2**	**77.6**	**86.5**	**82.4**
Chennai	80.2	↓	81.0	78.4	91.6	85.9
Kochi	89.2	↓	100.4	87.3	91.3	90.8
Kattupalli	90.7	↑	86.9	89.3	94.4	91.9
Tuticorin	63.5	↑	59.0	55.0	64.2	65.1
Ennore	103.7	↑	90.3	84.8	100.2	93.5
New Mangalore	57.6*	↑	50.0*	84.7	89.0	79.5
Eastern Region	**92.5**		**98.3**	**85.3**	**107.6**	**99.1**
Visakhapatnam	73.6	↓	82.4	81.2	93.3	85.5
Kolkata	118.6	↓	123.2	93.2	124.2	117.0
Haldia	126.7	↑	120.0	120.0	127.5	120.0

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

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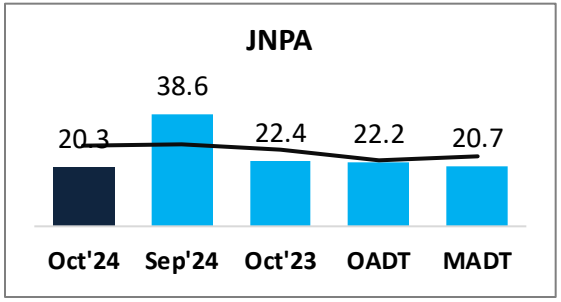
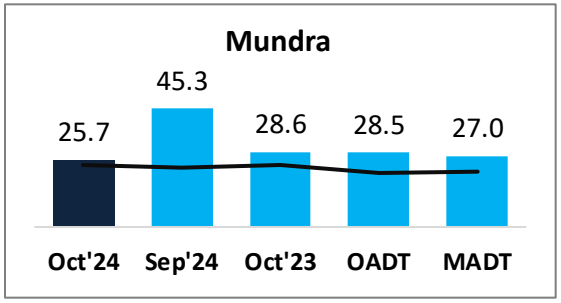
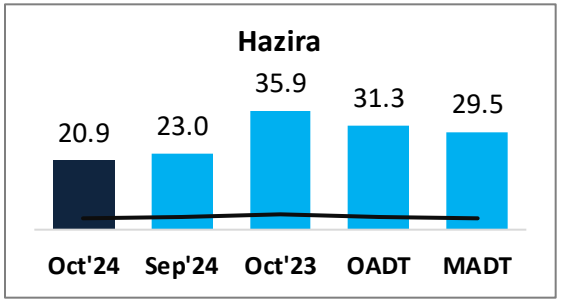
Port Performance Comparison: Import Cycle

Port dwell time performance across various time frames:

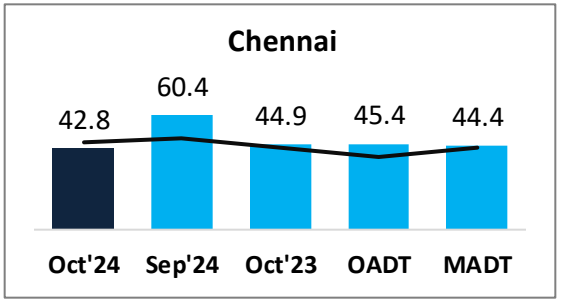
Western Region
(Container count share 72.1%)

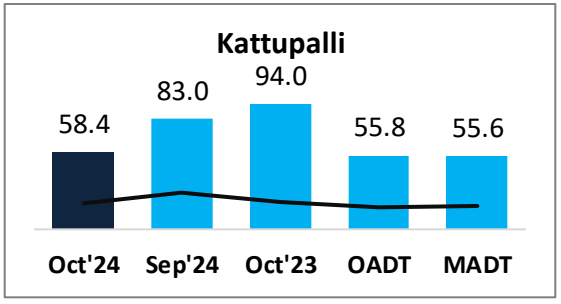


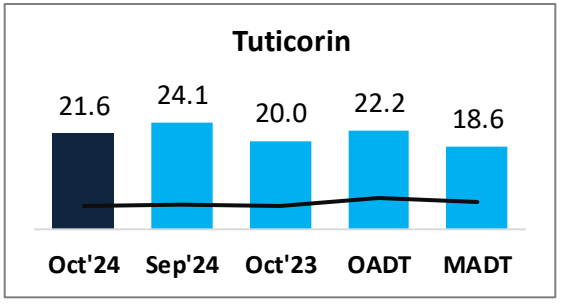




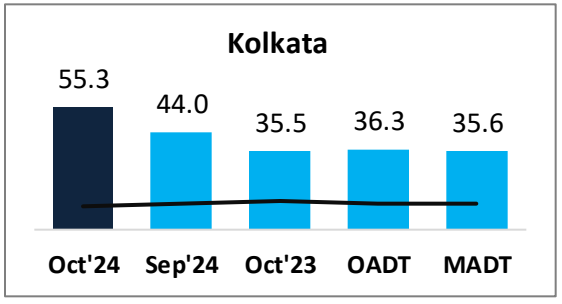
Southern Region
(Container count share 20.3%)

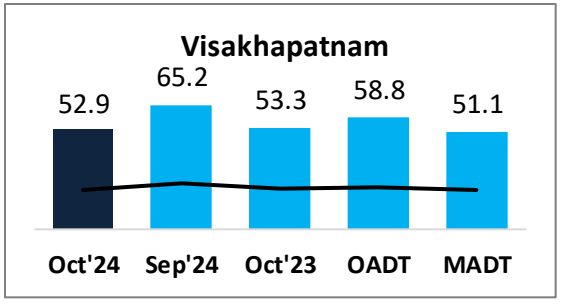


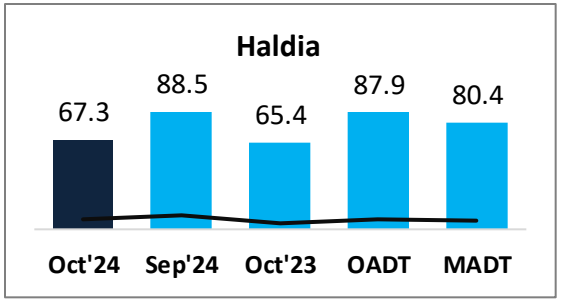




Eastern Region
(Container count share 7.6%)







—— 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

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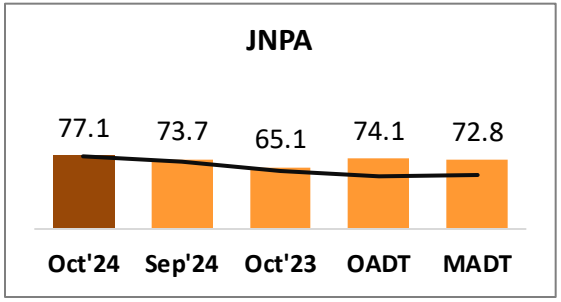
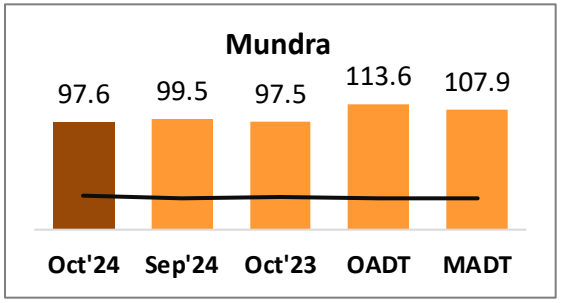
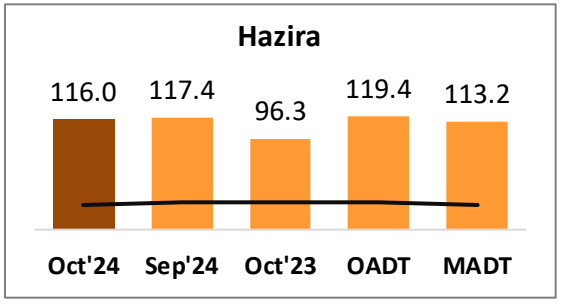
Port Performance Comparison: Export Cycle

Port dwell time performance across various time frames:

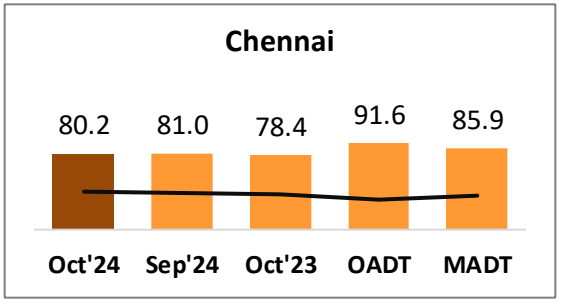
Western Region (Container count share 72.8%)

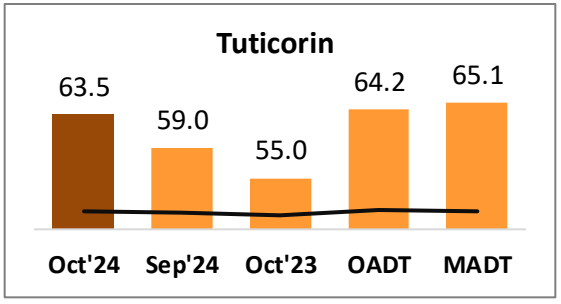


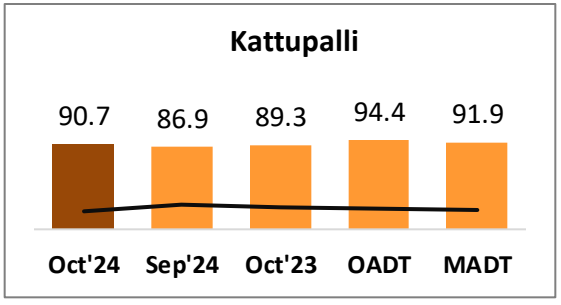




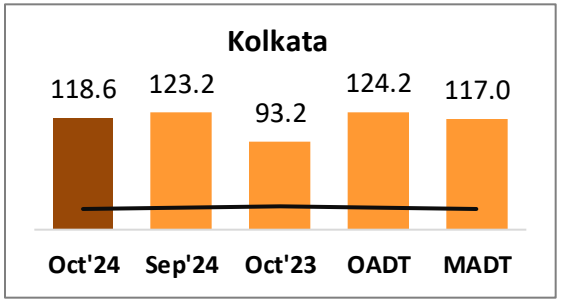
Southern Region (Container count share 20.0%)

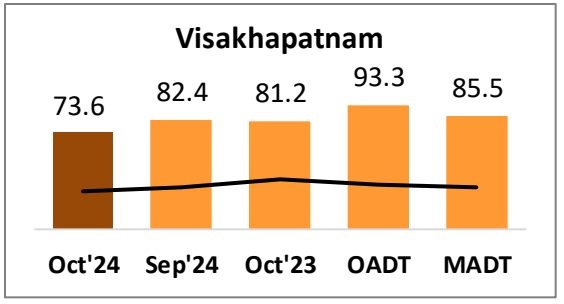


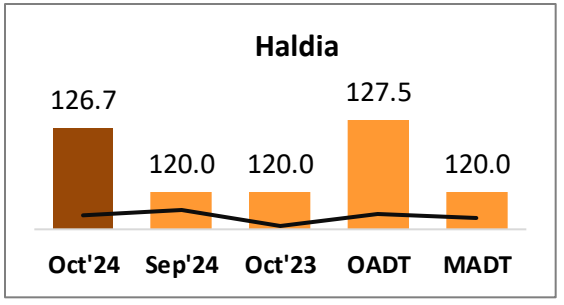




Eastern Region (Container count share 7.2%)







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MADT – Monthly Avg Dwell Time

Note:

All values are in hours

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

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Dwell Time Performance: Entry & Exit Type – Region wise

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

DPD

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	22.4	↓	34.2	23.8	29.9	26.0
Southern	71.4	↓	84.8	71.9	51.0	49.6
Eastern	115.6	↓	120.9	89.0	81.2	88.1

Non DPD

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	22.7	↓	41.8	26.0	24.3	23.1
Southern	42.4	↓	55.7	42.6	37.7	37.4
Eastern	51.7	↓	54.3	39.6	47.1	43.5

DPE

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	70.5	↓	75.2	70.6	77.7	74.9
Southern	-		-	86.1	90.9	90.3
Eastern	116.5	↓	120.1	120.5	122.3	115.8

Non DPE

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	88.9	↑	86.3	83.1	82.5	81.6
Southern	77.2	↑	77.1	75.3	83.4	79.5
Eastern	76.0	↓	84.6	65.5	92.3	79.0

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

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

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Dwell Time Performance: Container Size – Region wise

Port dwell time of containers based on container size:

40 FT

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	23.2	↓	43.8	25.4	25.7	23.7
Southern	42.8	↓	56.7	42.0	40.6	38.7
Eastern	53.2	↓	58.4	39.2	44.0	42.0

20 FT

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	22.2	↓	37.2	26.1	25.5	24.1
Southern	44.5	↓	57.5	46.0	44.3	44.2
Eastern	59.4	↓	61.5	46.4	52.5	47.7

40 FT

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	88.3	↑	86.8	80.0	91.4	88.1
Southern	84.2	↑	83.3	79.8	89.5	85.4
Eastern	101.5	↓	103.4	90.2	108.4	100.9

20 FT

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	84.5	↑	83.0	81.9	92.2	88.8
Southern	73.2	↓	73.9	75.2	83.4	79.3
Eastern	87.8	↓	96.2	83.7	107.2	97.9

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

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

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Dwell Time Performance: Container State – Region wise

Port dwell time of containers based on container state:

Empty

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	25.4	↓	37.1	26.6	31.2	28.1
Southern	45.2	↓	62.2	50.5	35.8	34.8
Eastern	71.6	↓	105.6	72.7	61.8	53.4

Laden

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	21.9	↓	41.9	25.6	23.5	22.7
Southern	38.3	↓	54.0	39.6	41.8	39.7
Eastern	55.8	↓	57.0	41.6	49.7	47.8

Empty

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	79.1	↑	68.6	62.6	68.1	69.2
Southern	83.1	↑	82.3	80.2	76.7	74.2
Eastern	60.0	↓	62.1	46.0	55.8	55.5

Laden

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	88.5	↓	90.1	86.3	92.7	89.1
Southern	73.4	↓	78.3	76.3	87.5	82.6
Eastern	104.5	↓	115.1	105.9	115.6	105.1

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

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

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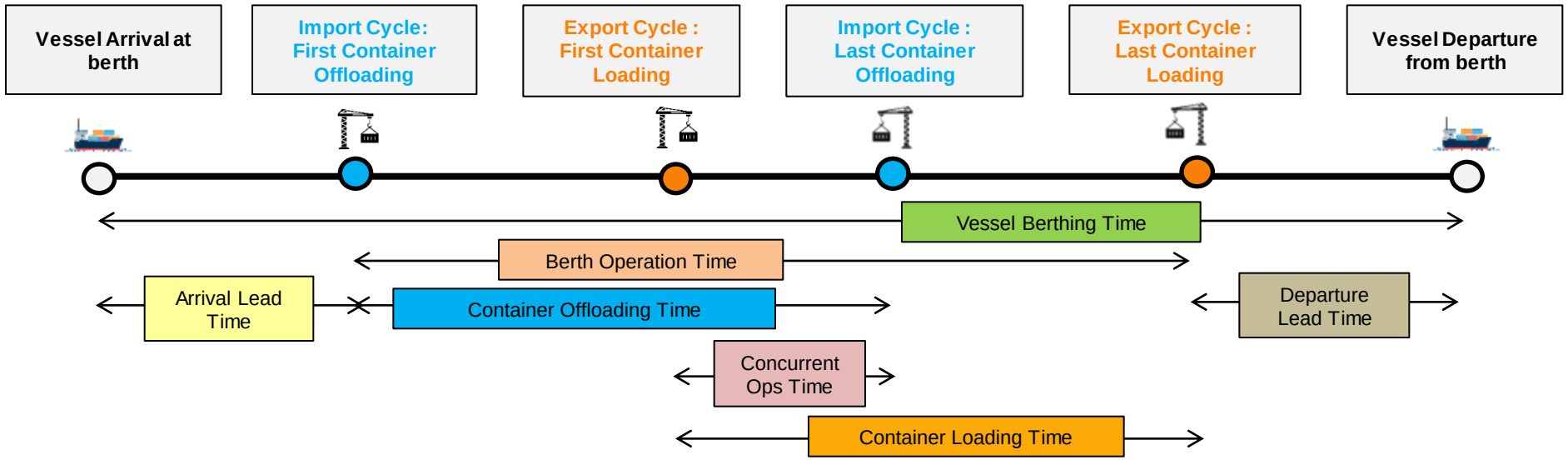
Vessel Analysis: PAN India



Oct'24	Vessel Berthing Time (in Hrs.)	Arrival Lead Time (in Hrs.)	Offloading Time (Minutes/ Cntr)	Berth Productivity (Minutes/ Cntr)	Loading Time (Minutes/ Cntr)	Concurrent Operations Time (%)	Departure Lead Time (in Hrs.)
PAN India	20.8	2.0	3.2	1.9	5.4	53.1%	1.3
Mundra	25.2	2.6	2.3	1.3	3.3	56.1%	1.2
JNPA	21.6	1.3	2.3	1.7	6.2	50.9%	1.0
Other Western	20.0	0.8	-	-	-	-	1.5
Southern	18.8	1.6	3.6	2.2	5.6	51.8%	2.0
Eastern	16.1	0.9	7.0	5.7	4.7	33.1%	1.7

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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

Y-Axis: No. of Boxes

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

Abb.	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	5.26%
B	Adani Hazira Port Private Limited (AHPPL)	2.46%
C	Adani International Container Terminal (AICTPL)	7.28%
D	Adani Mundra Container Terminal (AMCT)	5.56%
E	Bharat Mumbai Container Terminals(PSA)	12.49%
F	Gateway Terminals India (GTI)	9.96%
G	APM Terminals Pipavav, Gujarat	1.35%
H	Nhava Sheva Freeport Terminal (NSFT)	3.31%
I	Mundra International Container Terminal (MICT)	7.29%
J	Nhava Sheva India Gateway Terminal (NSIGT)	5.09%
K	Nhava Sheva International Container Terminal (NSICT)	6.25%
L	Kandla International Container Terminal (KICT)	0.41%
M	Adani Mundra Container Terminal-2 (AMCT-2)	5.72%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.30%
O	Chennai International Terminals Pvt Ltd (CITPL)	5.47%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.91%
Q	International Container Transhipment Terminal, Kochi	2.00%
R	Adani Kattupalli Port Private Limited (AKPPL)	2.94%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)*	0.74%
U	Adani Ennore Container Terminal	1.82%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	0.74%
X	Kolkata Dock System (KDS) , Kolkata Port	3.47%
Y	Visakha Container Terminal	3.18%

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

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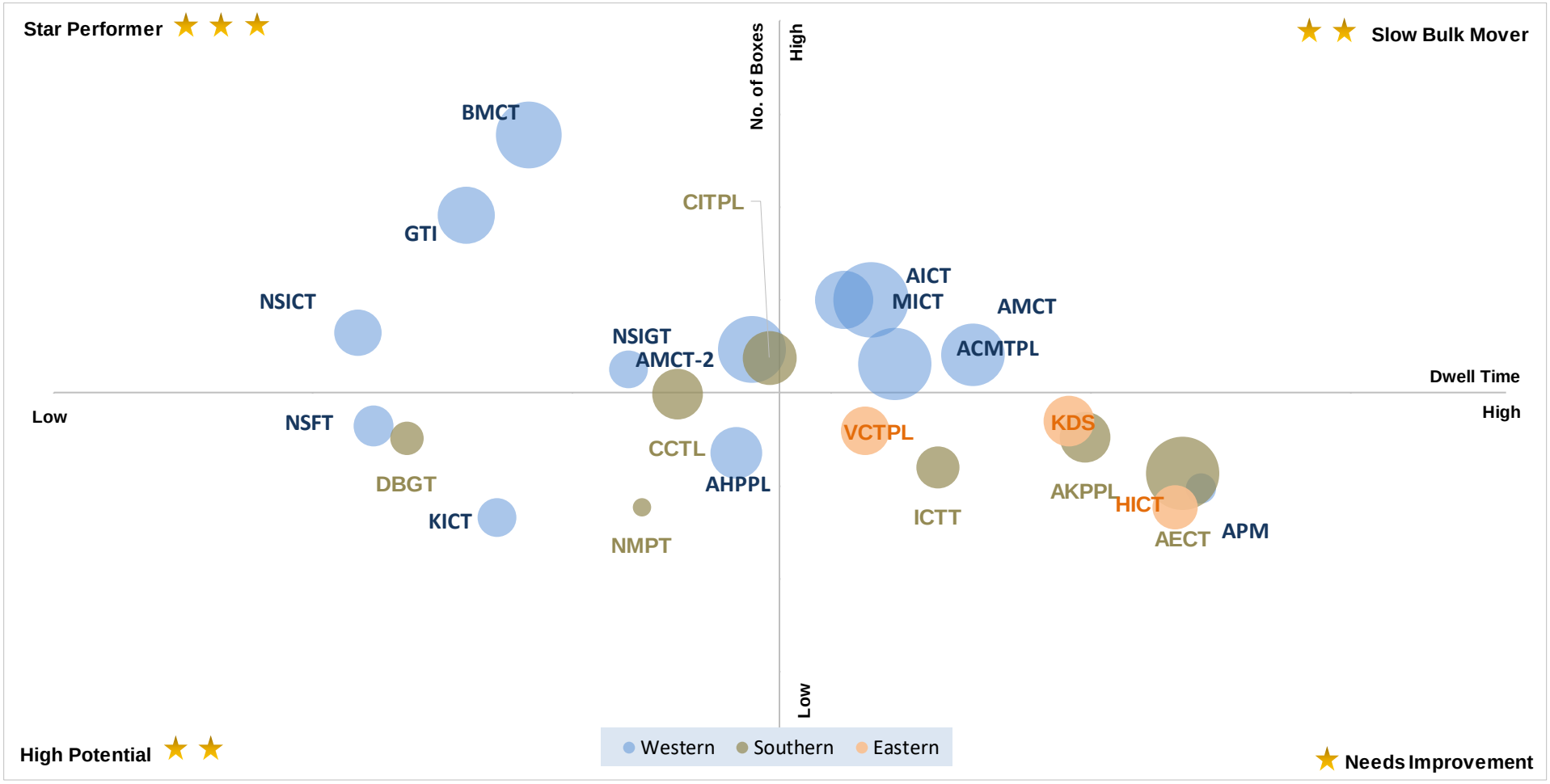
Performance Benchmarking: PAN India Terminals

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

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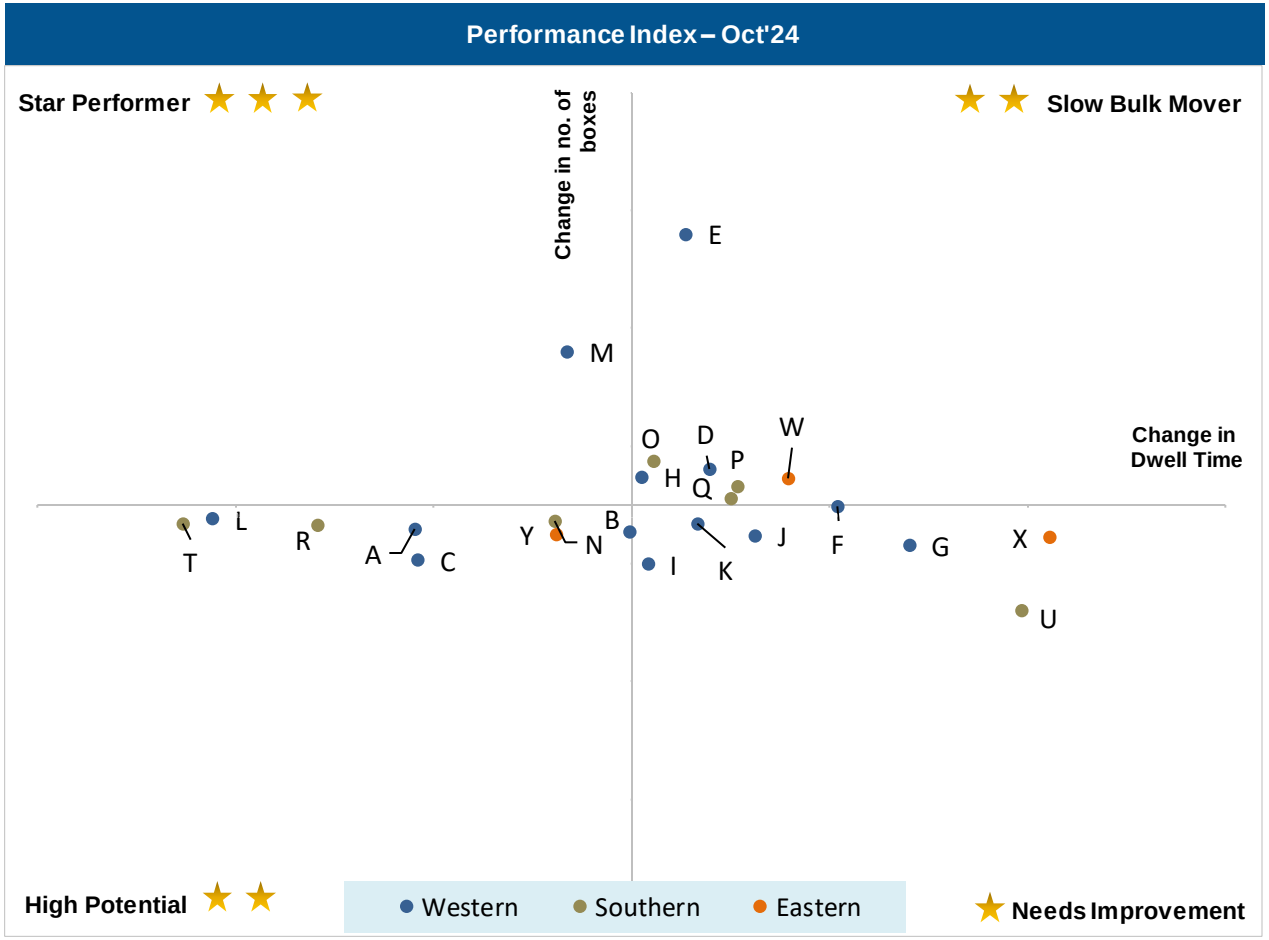
Performance Benchmarking (Previous year same month): PAN India Terminals

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:



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

Abb.	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	5.26%
B	Adani Hazira Port Private Limited (AHPPL)	2.46%
C	Adani International Container Terminal (AICTPL)	7.28%
D	Adani Mundra Container Terminal (AMCT)	5.56%
E	Bharat Mumbai Container Terminals(PSA)	12.49%
F	Gateway Terminals India (GTI)	9.96%
G	APM Terminals Pipavav, Gujarat	1.35%
H	Nhava Sheva Freeport Terminal (NSFT)	3.31%
I	Mundra International Container Terminal (MICT)	7.29%
J	Nhava Sheva India Gateway Terminal (NSIGT)	5.09%
K	Nhava Sheva International Container Terminal (NSICT)	6.25%
L	Kandla International Container Terminal (KICT)	0.41%
M	Adani Mundra Container Terminal-2 (AMCT-2)	5.72%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.30%
O	Chennai International Terminals Pvt Ltd (CITPL)	5.47%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.91%
Q	International Container Transhipment Terminal, Kochi	2.00%
R	Adani Kattupalli Port Private Limited (AKPPL)	2.94%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)*	0.74%
U	Adani Ennore Container Terminal	1.82%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	0.74%
X	Kolkata Dock System (KDS) , Kolkata Port	3.47%
Y	Visakha Container Terminal	3.18%

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

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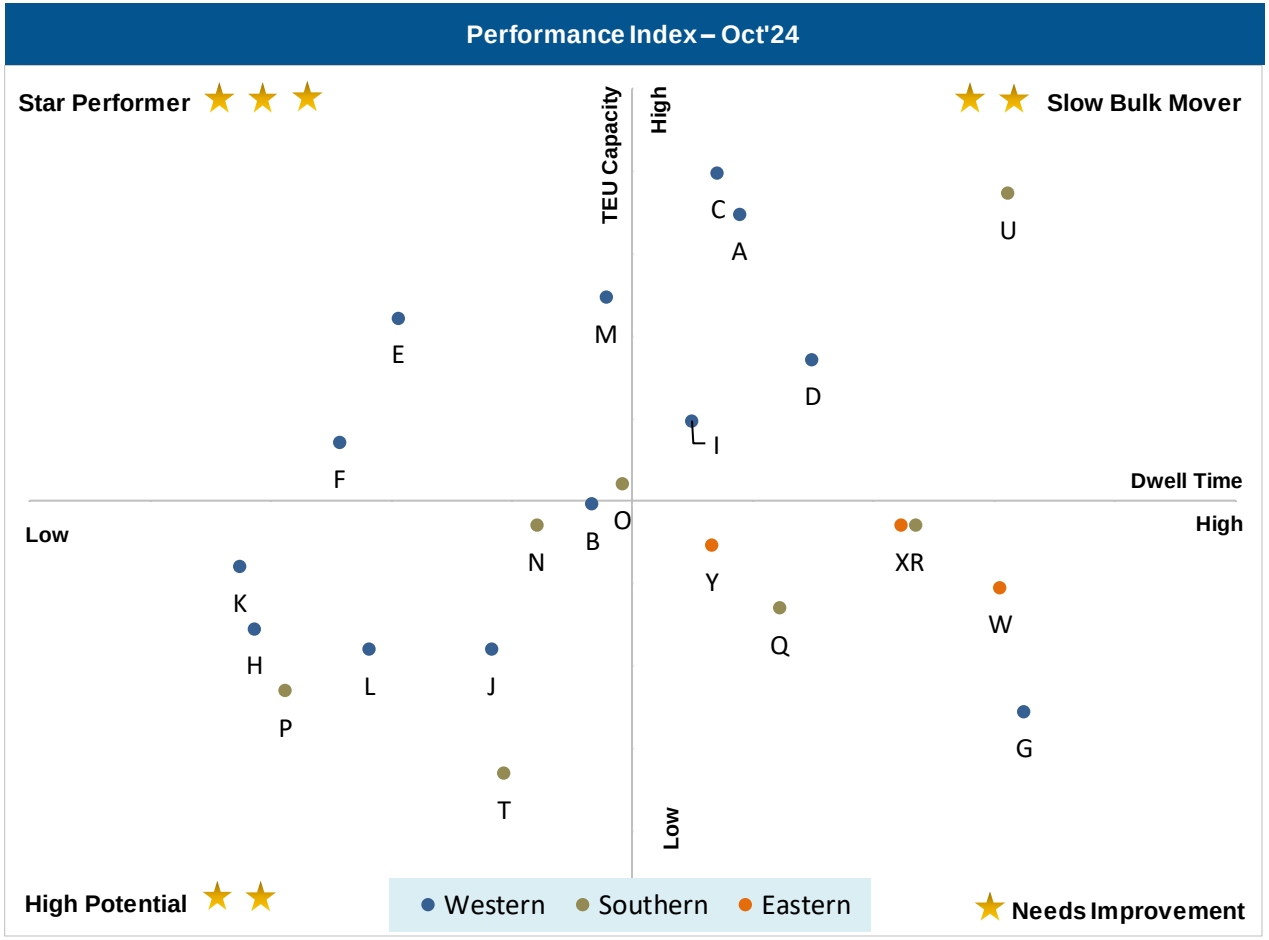
Performance Benchmarking (Capacity & Dwell time): PAN India Terminals

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



X-Axis: Dwell Time

Y-Axis: TEU Capacity

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

Abb.	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	5.26%
B	Adani Hazira Port Private Limited (AHPPL)	2.46%
C	Adani International Container Terminal (AICTPL)	7.28%
D	Adani Mundra Container Terminal (AMCT)	5.56%
E	Bharat Mumbai Container Terminals(PSA)	12.49%
F	Gateway Terminals India (GTI)	9.96%
G	APM Terminals Pipavav, Gujarat	1.35%
H	Nhava Sheva Freeport Terminal (NSFT)	3.31%
I	Mundra International Container Terminal (MICT)	7.29%
J	Nhava Sheva India Gateway Terminal (NSIGT)	5.09%
K	Nhava Sheva International Container Terminal (NSICT)	6.25%
L	Kandla International Container Terminal (KICT)	0.41%
M	Adani Mundra Container Terminal-2 (AMCT-2)	5.72%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.30%
O	Chennai International Terminals Pvt Ltd (CITPL)	5.47%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.91%
Q	International Container Transhipment Terminal, Kochi	2.00%
R	Adani Kattupalli Port Private Limited (AKPPL)	2.94%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)*	0.74%
U	Adani Ennore Container Terminal	1.82%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	0.74%
X	Kolkata Dock System (KDS) , Kolkata Port	3.47%
Y	Visakha Container Terminal	3.18%

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

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Dwell Time Performance: CFS Import Cycle

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	**88.8**		**94.7**	**97.3**	**92.1**	**94.0**
JNPA	80.1	↓	85.7	89.0	85.1	86.2
Mundra	106.9	↓	109.5	109.4	101.6	106.5
Pipavav	-		-	81.7	85.6	79.6
Hazira	98.8	↓	124.5	111.6	104.4	100.6
Southern Region	**138.3**		**135.4**	**133.7**	**128.4**	**135.6**
Chennai, Ennore, Kattupalli	126.4	↑	124.5	123.9	119.4	126.0
Kochi	128.9	↓	142.7	143.1	124.1	128.3
Tuticorin	188.8	↑	183.9	171.9	166.4	174.5
Eastern Region	**151.9**		**151.6**	**157.0**	**147.4**	**156.7**
Visakhapatnam	168.2	↓	186.3	200.9	169.9	188.0
Kolkata	147.5	↑	146.9	143.1	139.9	147.6
Haldia	153.0	↑	127.7	122.9	143.1	146.0

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

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Dwell Time Performance: CFS Export Cycle

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	**59.3**		**73.1**	**55.5**	**67.6**	**60.5**
JNPA	64.5	↓	75.8	59.0	74.9	69.3
Mundra	55.8	↓	70.7	52.1	58.6	54.0
Pipavav	-		-	73.4	70.6	68.5
Southern Region	**47.7**		**44.9**	**37.0**	**38.8**	**40.9**
Chennai, Ennore, Kattupalli	53.2	↑	50.6	38.2	44.3	44.8
Tuticorin	26.8	↓	28.3	26.8	25.1	26.7
Eastern Region	**96.6**		**99.0**	**90.6**	**95.8**	**89.8**
Visakhapatnam	69.9	↑	66.1	82.2	83.0	74.9
Kolkata	118.4	↓	121.8	100.0	104.8	106.2

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

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Performance Benchmarking: PAN India CFSs

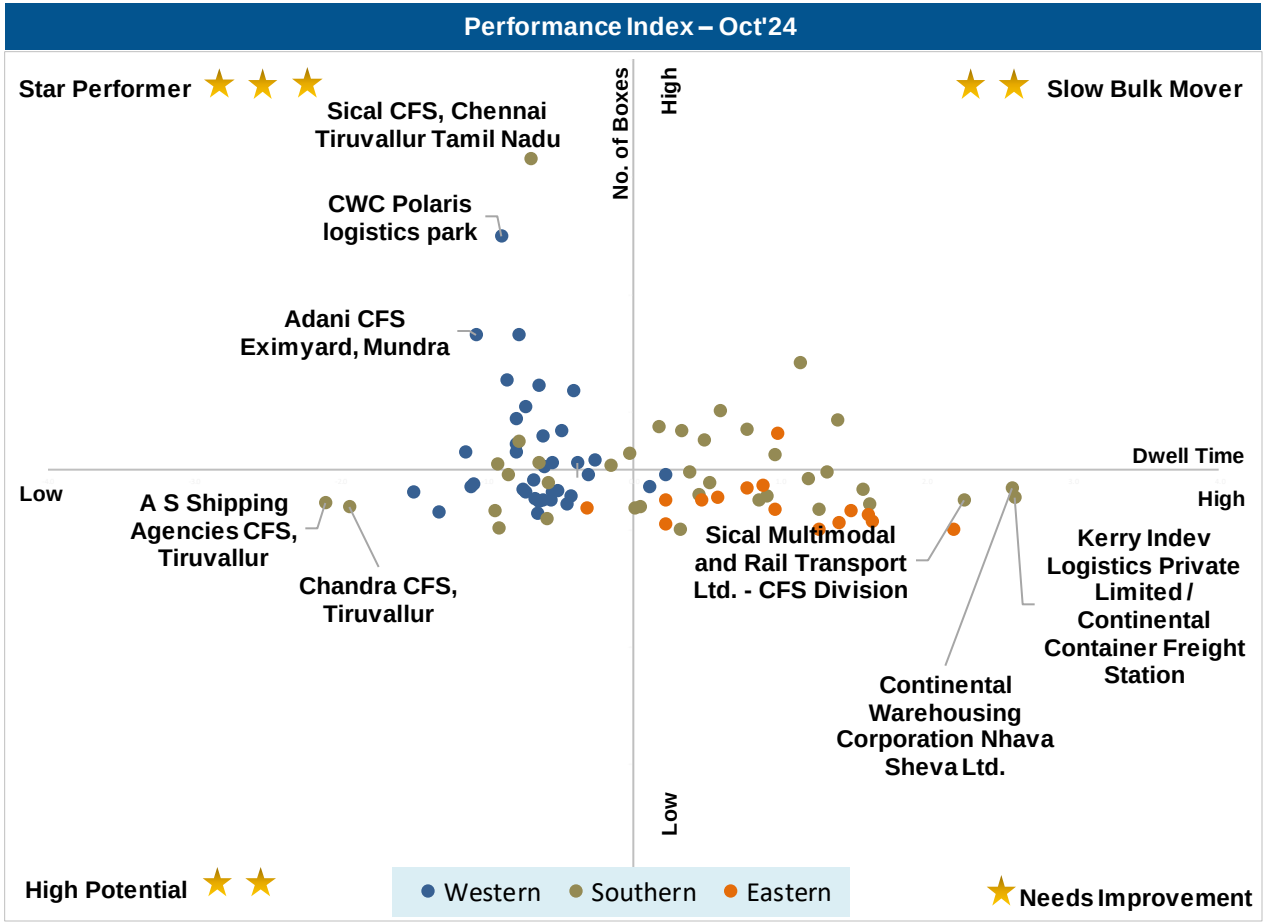
Performance benchmarking of CFSs based on dwell time vis-a-vis container count (no. of boxes) handled:

Top Performing CFS

Sical CFS, Chennai Tiruvallur Tamil Nadu
CWC Polaris logistics park
Adani CFS Eximyard, Mundra

High Potential CFS

A S Shipping Agencies CFS, Tiruvallur
Chandra CFS, Tiruvallur



Low Performing CFS

Kerry Indev Logistics Private Limited / Continental Container Freight Station
Sical Multimodal and Rail Transport Ltd. - CFS Division
Continental Warehousing Corporation Nhava Sheva Ltd.

X-Axis: Dwell Time

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

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Dwell Time Performance: ICD Import & Export Cycle

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	143.7	↑	118.6	139.2	128.7	131.5
Southern Region	147.6	↑	128.8	148.1	122.7	144.8
Eastern Region	-		123.1	140.0	108.1	114.1
Northern Region	126.5	↑	113.2	131.4	129.2	129.5

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	107.4	↓	110.4	93.8	98.5	102.7
Northern Region	100.1	↑	87.9	115.8	99.6	98.2

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

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

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ICD Performance Benchmarking: PAN India

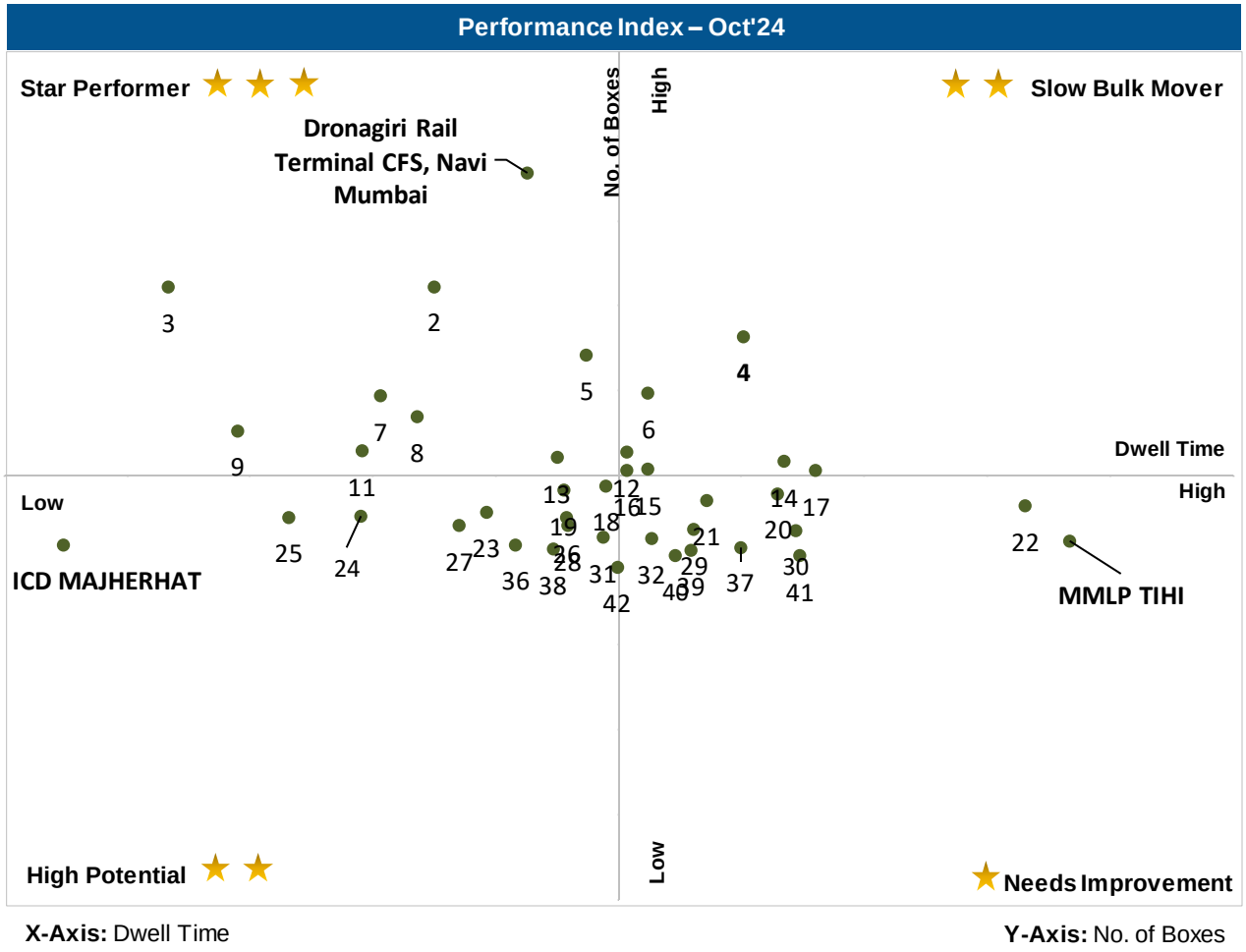
Performance benchmarking of ICDs based on dwell time vis-a-vis container count (no. of boxes) handled:

Top Performing ICD

Dronagiri Rail Terminal CFS, Navi Mumbai

High Potential ICD

ICD MAJHERHAT



Low Performing ICD

MMLP TIHI

Note:
Please refer annexure for ICD names

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Dwell Time Performance: Domestic Containers

Terminal dwell time performance for handling domestic containers:

Terminals	Dwell time for handling domestic containers			Overall domestic containers distribution among terminals	
	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'24 (%)	Sep'24 (%)
International Container Transhipment Terminal, Kochi	59.1	↓	59.6	31.00%	28.20%
PSA SICAL Terminals	83.7	↑	83.2	10.30%	13.40%
Visakha Container Terminal	27.0	↓	37.1	8.80%	9.90%
Bharat Mumbai Container Terminals(PSA)	9.4	↓	9.9	10.00%	9.50%
Nhava Sheva Freeport Terminal (NSFT)	20.3	↑	12.0	9.90%	7.50%
Mangalore Container Terminal Private Limited (MCTPL)	69.0	↑	60.1	3.50%	3.70%
Kandla International Container Terminal (KICT)	167.9	↑	166.7	5.60%	3.60%
Chennai Container Terminal Pvt. Ltd. (CCTL)	104.0	↑	77.1	4.80%	4.70%
Dakshin Bharat Gateway Terminal (DBGT)	53.8	↓	62.5	4.90%	1.70%
Haldia International Container Terminal (HICT)	96.0		96.0	2.20%	2.50%
Kolkata Dock System (KDS) , Kolkata Port	59.1	↑	52.9	2.30%	2.70%
Nhava Sheva India Gateway Terminal (NSIGT)	60.3	↑	53.8	3.30%	8.80%
Nhava Sheva International Container Terminal (NSICT)	43.0	↓	61.8	2.80%	3.10%
Paradip International Cargo Terminal	28.6	↓	88.8	0.60%	0.70%

Terminal handling highest domestic containers

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

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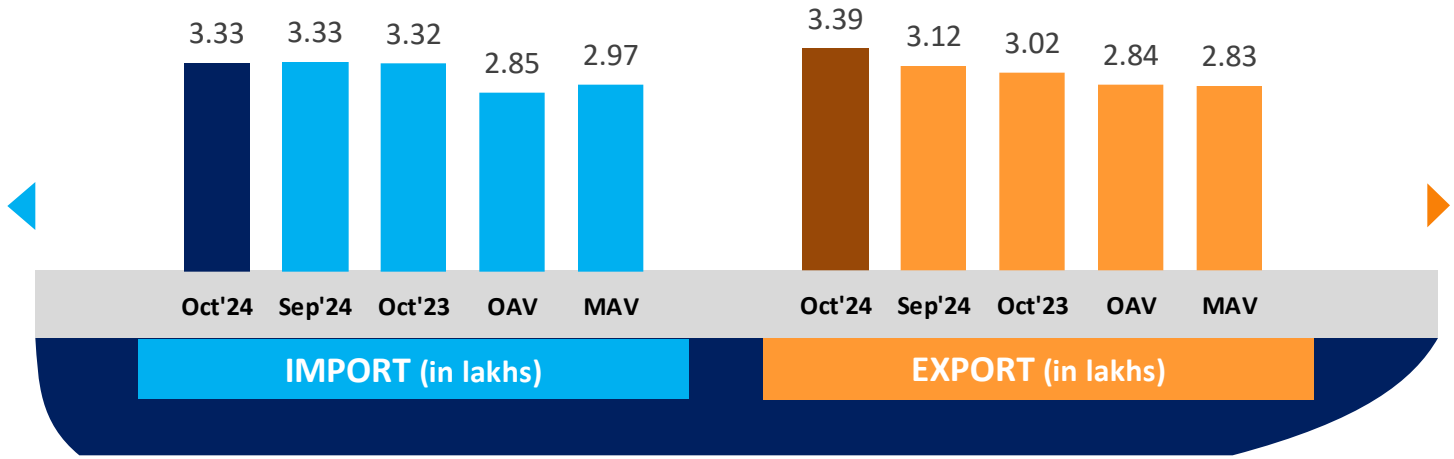
NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

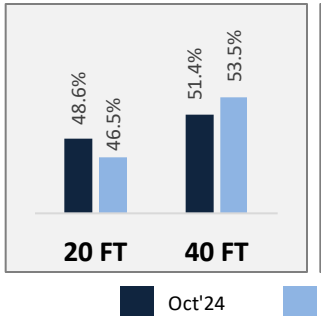
02
WESTERN REGION PERFORMANCE

Container Count: **Western Region**

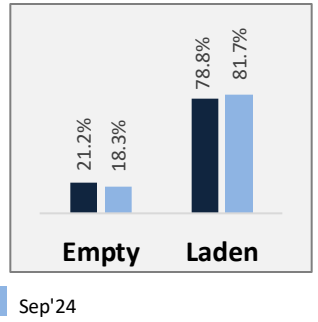
Western Region



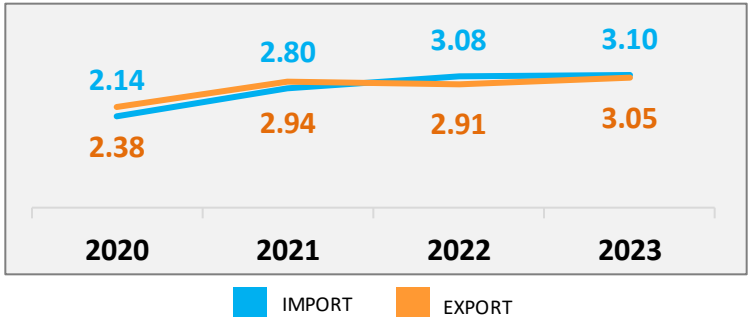
Container Size-wise (Import)



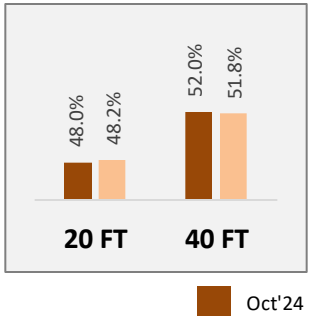
Container Type-wise (Import)



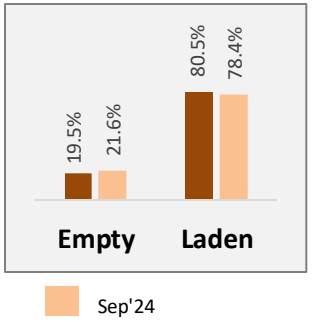
Container Count - Annual Average (in lakhs/ month)



Container Size-wise (Export)



Container Type-wise (Export)



OAV – Overall Avg Volume
MAV – Monthly Avg Volume

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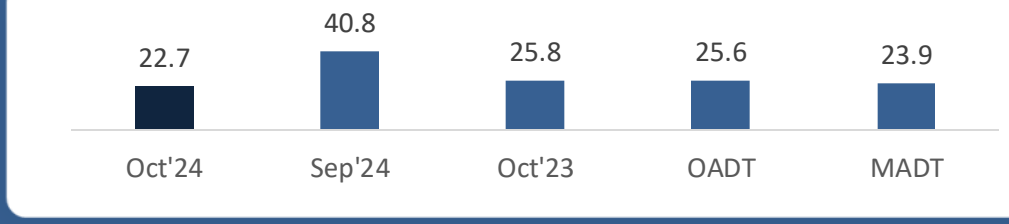
Dwell Time Performance: **Western Region Import Cycle**

IMPORT

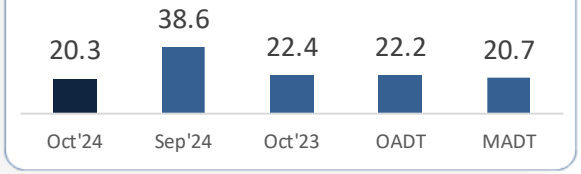
Western Region



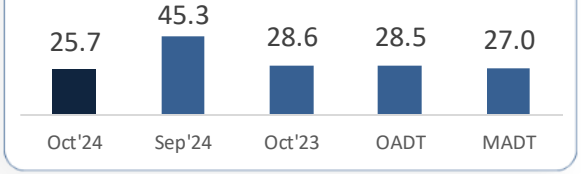
PAN India Import Dwell Time

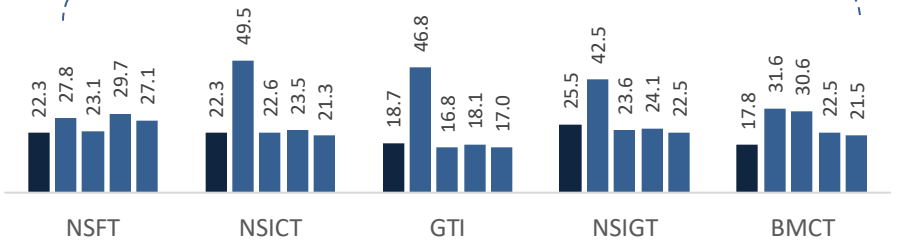
28.2 Hrs. (Oct'24)

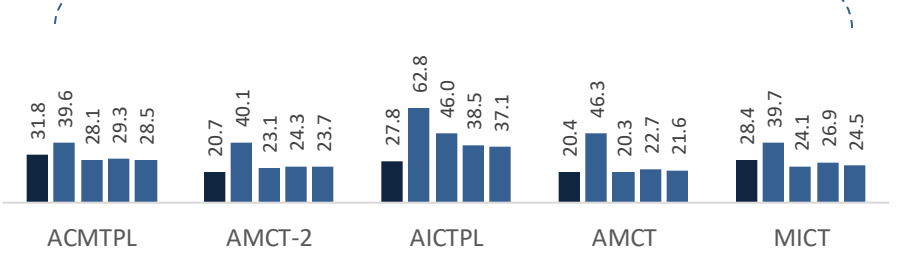
JNPA



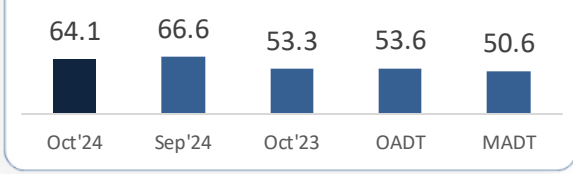
Mundra



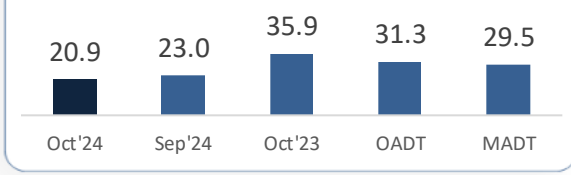




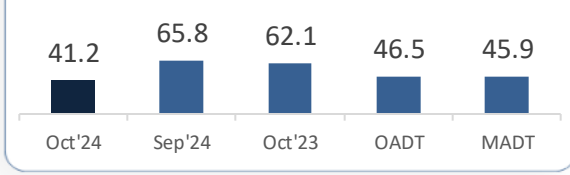
Pipavav



Hazira



Kandla



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

Note:
All values are in hours

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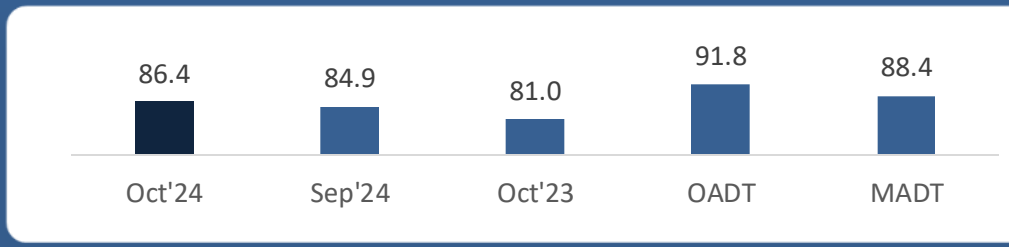
Dwell Time Performance: **Western Region Export Cycle**

EXPORT

Western Region

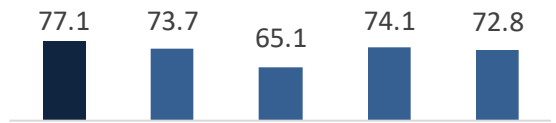


PAN India Export Dwell Time

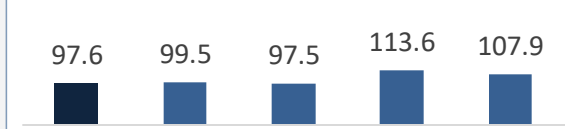
85.3 Hrs.

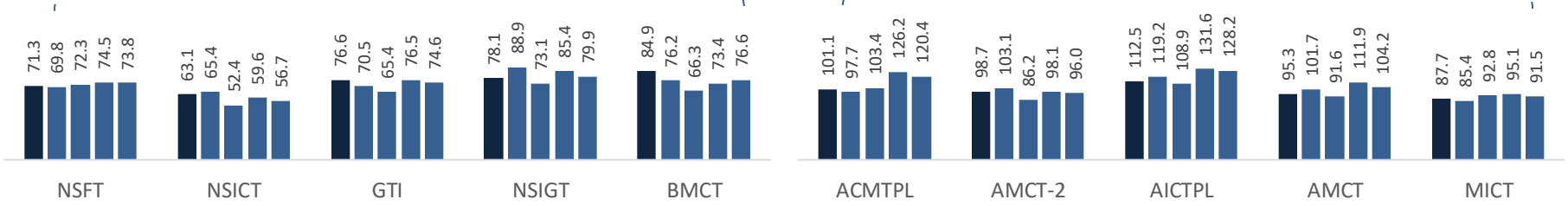
(Oct'24)

JNPA

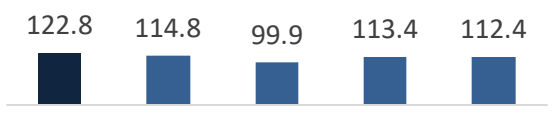


Mundra

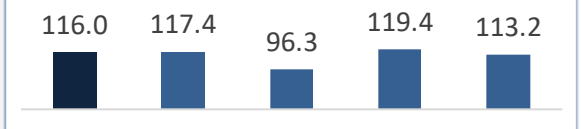




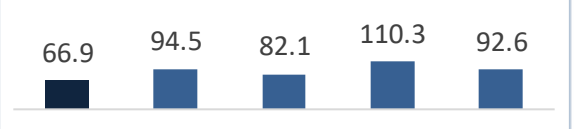
Pipavav



Hazira



Kandla



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

Note:
All values are in hours

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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)		
		Oct'24	Sep'24	Oct'23	Oct'24	Sep'24	Oct'23
JNPA	JNPA	96%	96%	95%	28.3	37.9	27.7
	Other Ports	4%	4%	5%	52.4	58.2	59.8
Mundra	Mundra	94%	94%	95%	35.3	49.2	33.6
	Other Ports	6%	6%	5%	45.3	60.1	55.2
Hazira	Hazira	92%	94%	97%	35.0	34.3	28.3
	Other Ports	8%	6%	3%	51.6	71.3	57.7
Kandla	Kandla	77%	78%	83%	30.5	46.7	23.9
	Mundra	23%	20%	17%	51.3	53.3	61.8
	Other Ports	-	2%	-	-	78.5	-
Pipavav	Mundra	52%	59%	52%	43.7	46.4	45.8
	Pipavav	44%	37%	45%	33.5	45.6	29.3
	Other Ports	4%	4%	3%	45.4	49.3	46.4

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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)		
		Oct'24	Sep'24	Oct'23	Oct'24	Sep'24	Oct'23
Bharat Mumbai Container Terminals(PSA)	Bharat Mumbai Container Terminals(PSA)	40%	43%	25%	27.1	36.4	30.3
	Gateway Terminals India (GTI)	26%	25%	32%	25.6	37.8	23.9
	Nhava Sheva Freeport Terminal (NSFT)	7%	6%	7%	33.1	39.8	38.3
	Nhava Sheva India Gateway Terminal (NSIGT)	13%	11%	15%	28.5	44.1	26.9
	Nhava Sheva International Container Terminal (NSICT)	14%	15%	21%	27.3	39.2	29.9
Gateway Terminals India (GTI)	Bharat Mumbai Container Terminals(PSA)	34%	30%	17%	28.0	36.2	24.1
	Gateway Terminals India (GTI)	38%	41%	48%	30.0	37.8	23.3
	Nhava Sheva Freeport Terminal (NSFT)	6%	4%	9%	32.7	39.2	27.3
	Nhava Sheva India Gateway Terminal (NSIGT)	7%	8%	13%	31.0	39.3	23.9
	Nhava Sheva International Container Terminal (NSICT)	15%	17%	13%	32.6	35.3	27.9
Nhava Sheva Freeport Terminal (NSFT)	Bharat Mumbai Container Terminals(PSA)	35%	24%	17%	27.5	40.7	28.5
	Gateway Terminals India (GTI)	20%	29%	25%	26.6	33.1	28.6
	Nhava Sheva Freeport Terminal (NSFT)	23%	17%	26%	30.3	47.3	32.2
	Nhava Sheva India Gateway Terminal (NSIGT)	11%	16%	17%	25.6	30.7	22.8
	Nhava Sheva International Container Terminal (NSICT)	11%	14%	15%	31.2	28.9	39.7
Nhava Sheva India Gateway Terminal (NSIGT)	Bharat Mumbai Container Terminals(PSA)	15%	23%	10%	26.7	33.1	26.9
	Gateway Terminals India (GTI)	17%	16%	14%	25.9	37.6	27.1
	Nhava Sheva Freeport Terminal (NSFT)	8%	6%	10%	29.7	39.7	27.0
	Nhava Sheva India Gateway Terminal (NSIGT)	47%	39%	48%	27.2	37.4	28.6
	Nhava Sheva International Container Terminal (NSICT)	13%	16%	18%	28.6	37.8	31.5
Nhava Sheva International Container Terminal (NSICT)	Bharat Mumbai Container Terminals(PSA)	23%	25%	21%	34.1	41.6	32.3
	Gateway Terminals India (GTI)	26%	23%	19%	25.9	38.7	35.4
	Nhava Sheva Freeport Terminal (NSFT)	5%	5%	5%	36.0	40.1	41.9
	Nhava Sheva India Gateway Terminal (NSIGT)	10%	8%	11%	26.9	34.1	31.2
	Nhava Sheva International Container Terminal (NSICT)	36%	39%	44%	29.7	39.4	32.3

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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)		
		Oct'24	Sep'24	Oct'23	Oct'24	Sep'24	Oct'23
Adani CMA Mundra Terminal (ACMTPL)	Adani CMA Mundra Terminal (ACMTPL)	57%	62%	59%	30.5	40.0	36.7
	Adani International Container Terminal (AICTPL)	1%	-	3%	28.3	-	30.1
	Adani Mundra Container Terminal (AMCT)	27%	26%	22%	29.3	41.8	34.1
	Adani Mundra Container Terminal -2	9%	4%	6%	35.8	45.8	31.1
	Mundra International Container Terminal (MICT)	6%	8%	10%	33.7	35.2	25.6
Adani International Container Terminal (AICTPL)	Adani CMA Mundra Terminal (ACMTPL)	2%	1%	4%	30.7	56.2	37.3
	Adani International Container Terminal (AICTPL)	80%	76%	77%	47.4	56.6	32.9
	Adani Mundra Container Terminal (AMCT)	6%	7%	8%	30.3	50.6	30.3
	Adani Mundra Container Terminal -2	6%	11%	5%	35.5	85.1	33.6
	Mundra International Container Terminal (MICT)	6%	5%	6%	30.4	67.0	36.2
Adani Mundra Container Terminal (AMCT)	Adani CMA Mundra Terminal (ACMTPL)	19%	19%	27%	35.9	44.0	37.6
	Adani International Container Terminal (AICTPL)	4%	3%	7%	29.5	49.0	33.7
	Adani Mundra Container Terminal (AMCT)	38%	45%	38%	32.4	41.4	30.1
	Adani Mundra Container Terminal -2	26%	21%	19%	35.2	47.9	35.8
	Mundra International Container Terminal (MICT)	13%	12%	9%	32.7	49.7	37.3
Adani Mundra Container Terminal -2	Adani CMA Mundra Terminal (ACMTPL)	10%	11%	15%	32.8	55.4	37.3
	Adani International Container Terminal (AICTPL)	5%	4%	14%	33.1	31.3	38.3
	Adani Mundra Container Terminal (AMCT)	27%	30%	23%	33.0	37.4	37.1
	Adani Mundra Container Terminal -2	41%	41%	37%	35.6	39.7	32.8
	Mundra International Container Terminal (MICT)	17%	14%	11%	30.5	47.7	45.6
Mundra International Container Terminal (MICT)	Adani CMA Mundra Terminal (ACMTPL)	7%	6%	7%	31.1	73.0	27.7
	Adani International Container Terminal (AICTPL)	4%	3%	6%	31.1	61.3	52.7
	Adani Mundra Container Terminal (AMCT)	12%	11%	9%	34.4	55.7	32.9
	Adani Mundra Container Terminal -2	10%	10%	5%	33.2	61.7	42.6
	Mundra International Container Terminal (MICT)	67%	70%	73%	34.0	53.0	29.5

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Western Region Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Truck	18.9	↓	34.5
Train	61.6	↓	78.9
Overall	22.7	↓	40.8

CFS/ ICD Dwell Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS	88.8	↓	94.7
ICD	143.7	↑	118.6

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Truck	82.5	↑	78.9
Train	109.7	↓	118.5
Overall	86.4	↑	84.9

CFS/ ICD Dwell Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS	59.3	↓	73.1
ICD	107.4	↓	110.4

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

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Port Performance Benchmarking: **Western 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

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)

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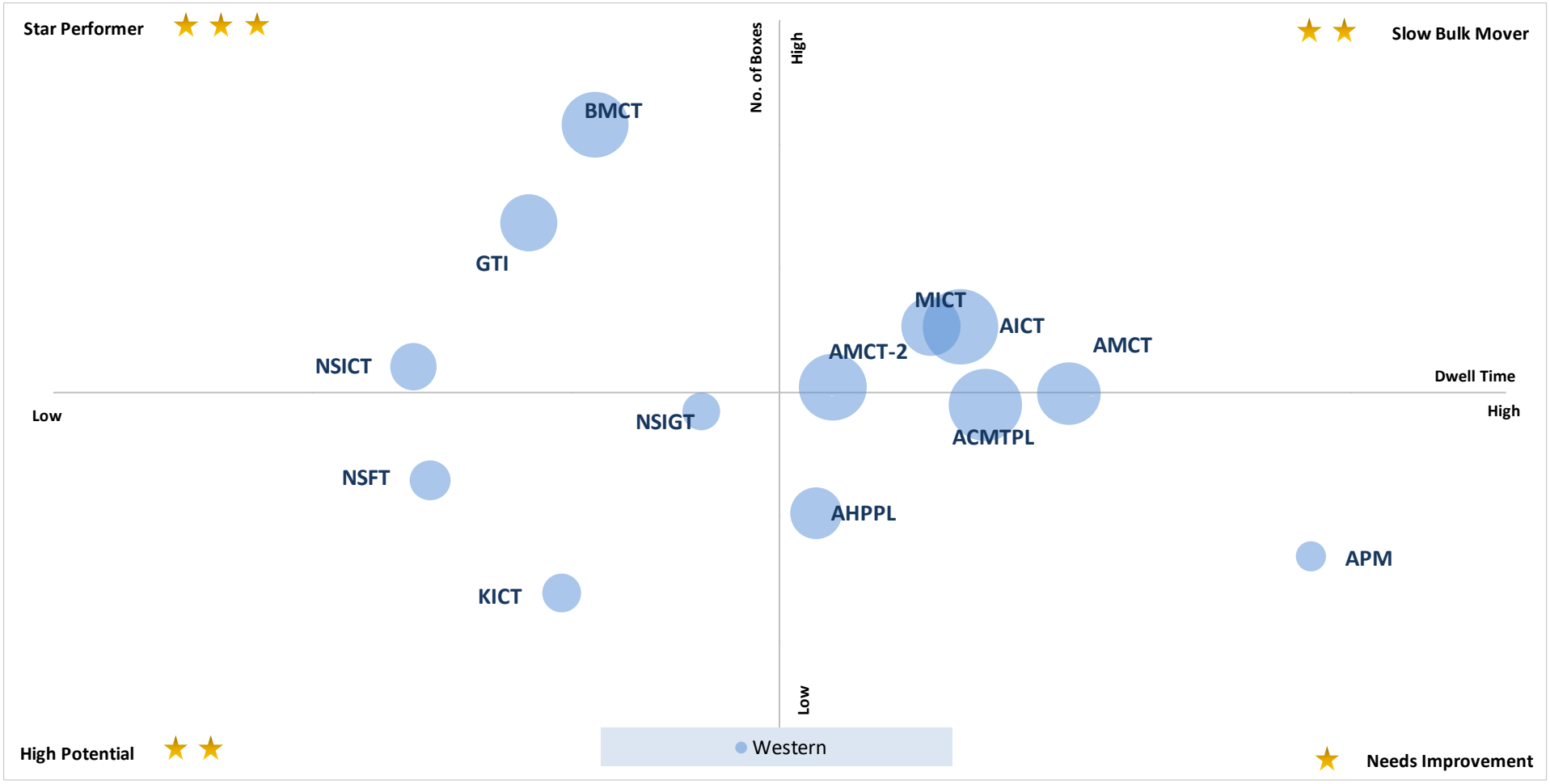
Performance Benchmarking: **Western Region**

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

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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)

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Port Performance Benchmarking (Capacity & Dwell time): **Western 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	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)

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CFS Performance Benchmarking: **Western Region**

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

Top Performing CFS

CWC Polaris Logistics park

High Potential CFS

JWR CFS

Low Performing CFS

Honey Comb CFS, Mundra

Note:
Please refer annexure for CFS names

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JNPA Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Truck	17.7	↓	35.7
Train	53.1	↓	58.4
Overall	20.3	↓	38.6

Transit Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
Port to CFS	2.8	↓	3.2
Port to ICD	113.6	↑	113.2

CFS/ ICD Dwell Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS	80.1	↓	85.7
ICD	143.7	↑	118.6

CFS/ ICD Dwell Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS	64.5	↓	75.8
ICD	107.4	↓	110.4

Transit Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS to Port	4.6	↑	3.5
ICD to Port	77.4	↓	86.6

Port Dwell Time

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Truck	75.4	↑	71.0
Train	92.0	↓	95.4
Overall	77.1	↑	73.7

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	Oct'24 (in hrs)	Sep'24 (in hrs)
Gate in - Gate Out	6.3	6.8

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

	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	6%	21%	35%	26%	8%	4%

Parking Plaza to JNPA Port	Oct'24 (in hrs)	Sep'24 (in hrs)
Gate Out – Terminal In	1.1	0.6

Port Terminal	Oct'24 (in hrs)	Sep'24 (in hrs)
NSFT	-	0.6
NSICT	0.8	1.2
GTI	2.2	0.5
NSIGT	0.4	0.5
BMCT	-	-

Container Count Percentage: Hour-wise (Oct'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	-	-	-	-	-	-
NSICT	62%	28%	7%	2%	-	1%
GTI	25%	24%	11%	14%	12%	14%
NSIGT	65%	13%	12%	3%	4%	3%
BMCT	-	-	-	-	-	-

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Mundra Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Truck	19.6	↓	31.5
Train	71.7	↓	99.2
Overall	25.7	↓	45.3

Transit Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
Port to CFS	1.0		1.0
Port to ICD	90.7	↓	91.2

CFS/ ICD Dwell Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS	106.9	↓	109.5
ICD	143.7	↑	118.6

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Truck	91.4	↑	88.1
Train	120.4	↓	134.0
Overall	97.6	↓	99.5

Transit Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS to Port	0.8	↓	0.9
ICD to Port	67.3	↓	85.7

CFS/ ICD Dwell Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS	55.8	↓	70.7
ICD	107.4	↓	110.4

↓ ↑ Indicates decrease/ increase in time from last month

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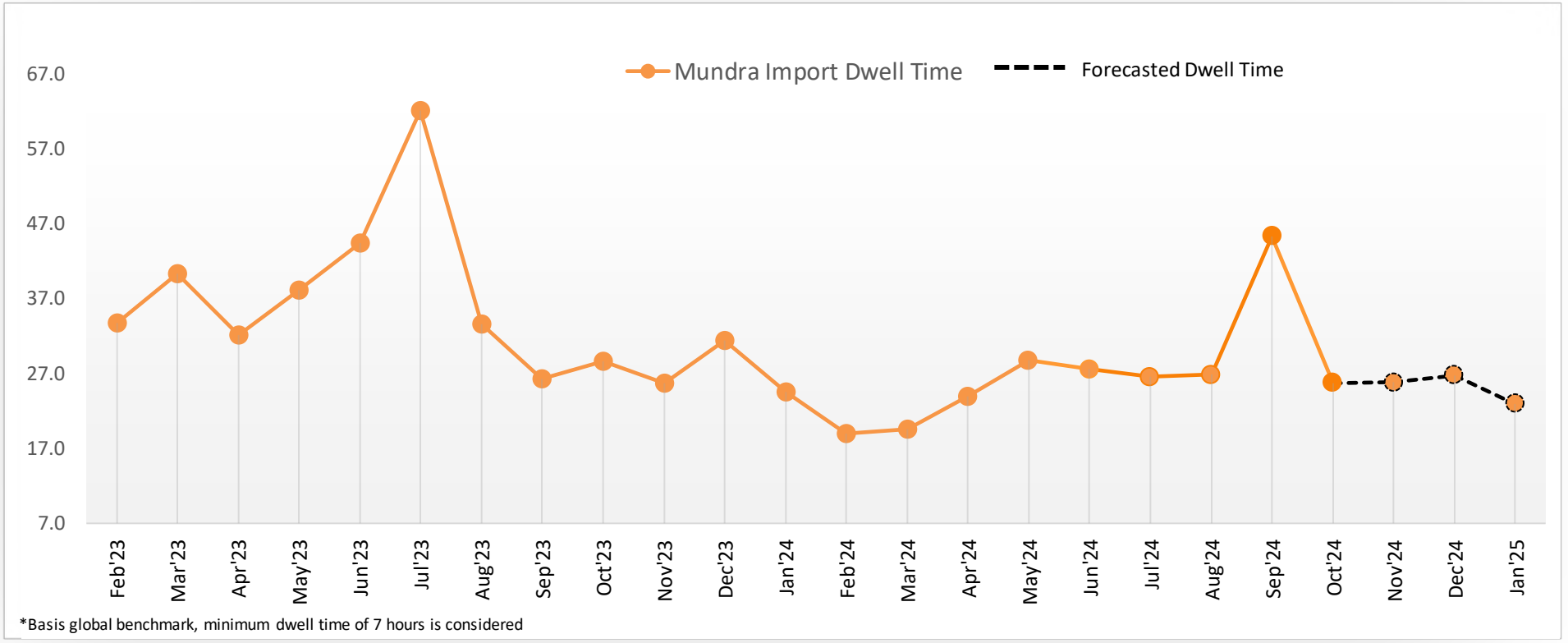
Predictive Analysis: **Mundra Port**



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

	Aug'24	Sep'24	Oct'24	Nov'24	Dec'24	Jan'25
Actual Dwell Time (in hours)	26.8	45.3	25.7	-	-	-
Forecasted Dwell Time (in hours)	28.3	32.7	26.4	25.8	26.7	22.9

Note:
All values are in hours

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Parking Plaza Analysis: **Mundra Port**

The analysis showcases waiting time of containers at parking plaza

Parking Plaza Dwell Time (Gate In – Gate Out)	Oct'24 (in hrs)	Sep'24 (in hrs)
Adani Parking Yard No.1	1.2	1.7
North Gate Parking Yard	-	10.3

Container Count Percentage: Hour-wise (Oct'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	71%	14%	9%	4%	2%	-
North Gate Parking Yard	-	-	-	-	-	-

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Pipavav Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Oct'24 (in hrs)	Sep'24 (in hrs)
Overall	64.1 ↓	66.6

CFS Dwell Time

	Oct'24 (in hrs)	Sep'24 (in hrs)
CFS	-	-

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Oct'24 (in hrs)	Sep'24 (in hrs)
Overall	122.8 ↑	114.8

CFS Dwell Time

	Oct'24 (in hrs)	Sep'24 (in hrs)
CFS	-	-

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

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Kandla Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Overall	41.2	↓	65.8

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Overall	66.9	↓	94.5

Port Dwell Time

Container Lifecycle (Export Cycle)

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

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Hazira Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Oct'24 (in hrs)	Sep'24 (in hrs)
Overall	20.9	23.0

CFS Dwell Time

	Oct'24 (in hrs)	Sep'24 (in hrs)
CFS	98.8	124.5

EXPORT

	Oct'24 (in hrs)	Sep'24 (in hrs)
Overall	116.0	117.4

	Oct'24 (in hrs)	Sep'24 (in hrs)
CFS	-	-

Port Dwell Time

CFS Dwell Time

Container Lifecycle (Export Cycle)

Indicates decrease/ increase in dwell time from last month

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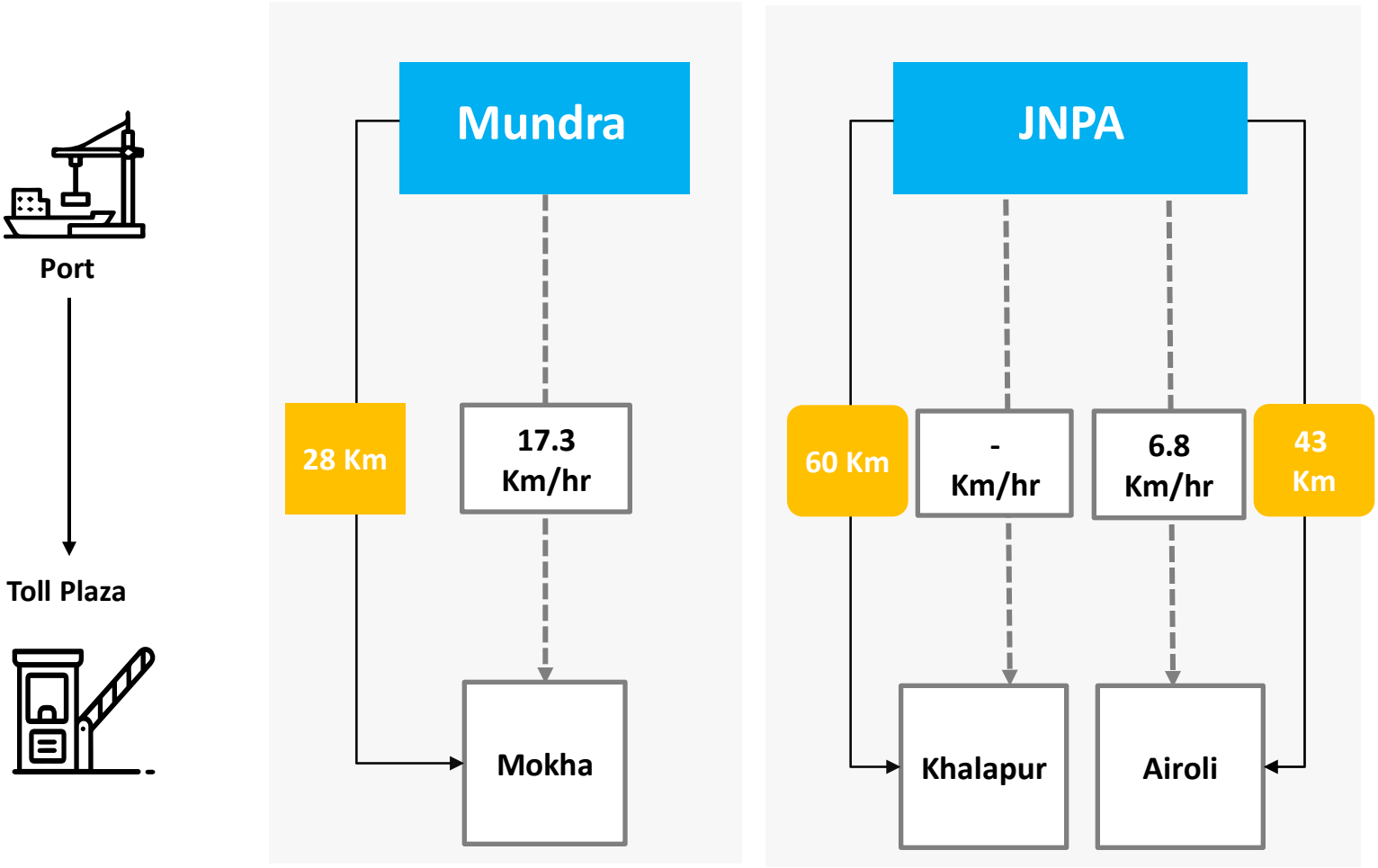
Port to Toll Plaza Transit Analysis: **Western Region**

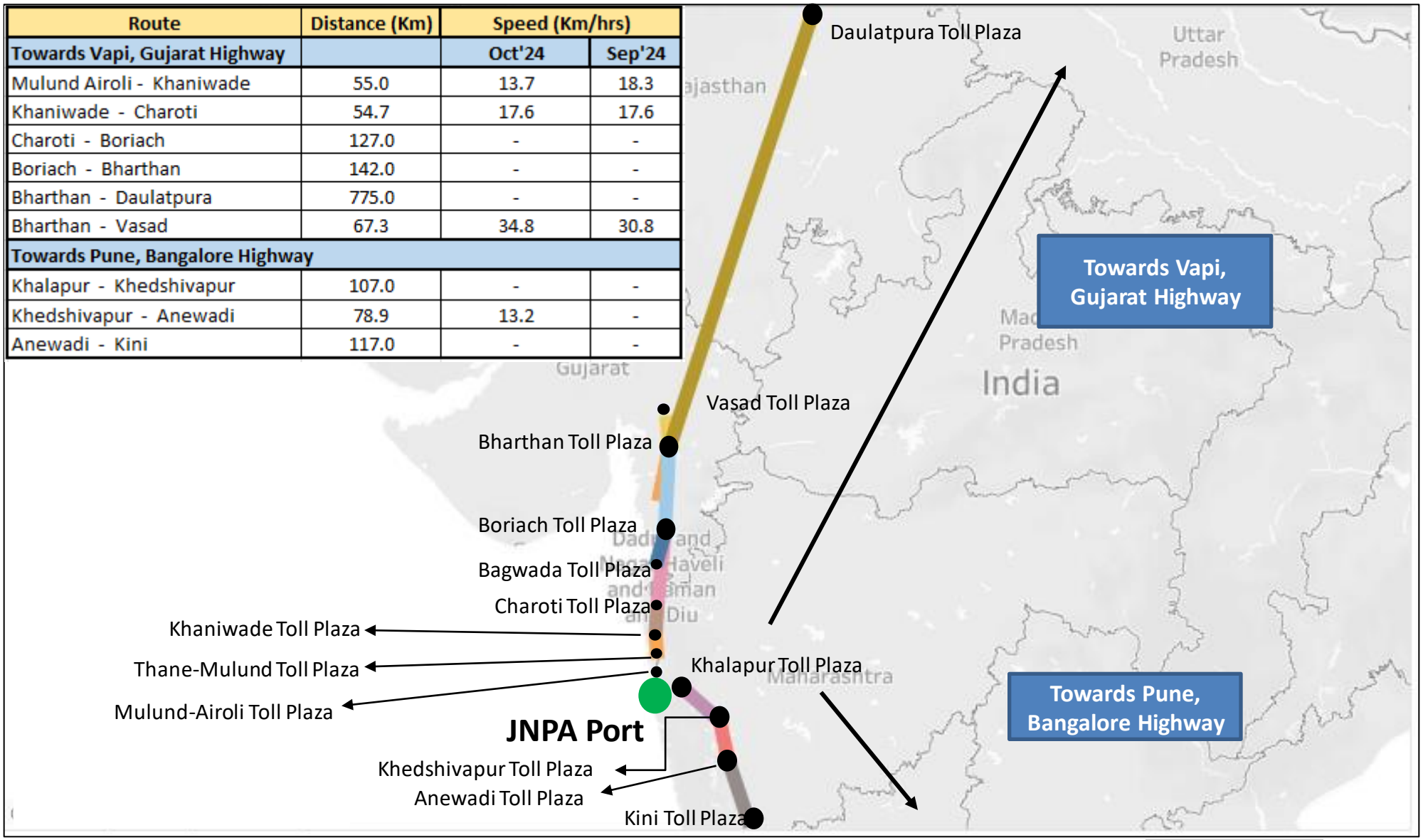
Average speed of trucks to cover the distance between port to nearest toll plaza for Oct'24:



Toll Plaza Analysis: **JNPA Port**

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

Route	Distance (Km)	Speed (Km/hrs)	
Towards Vapi, Gujarat Highway		**Oct'24**	**Sep'24**
Mulund Airoli - Khaniwade	55.0	13.7	18.3
Khaniwade - Charoti	54.7	17.6	17.6
Charoti - Boriach	127.0	-	-
Boriach - Bharthan	142.0	-	-
Bharthan - Daulatpura	775.0	-	-
Bharthan - Vasad	67.3	34.8	30.8
Towards Pune, Bangalore Highway			
Khalapur - Khedshivapur	107.0	-	-
Khedshivapur - Anewadi	78.9	13.2	-
Anewadi - Kini	117.0	-	-



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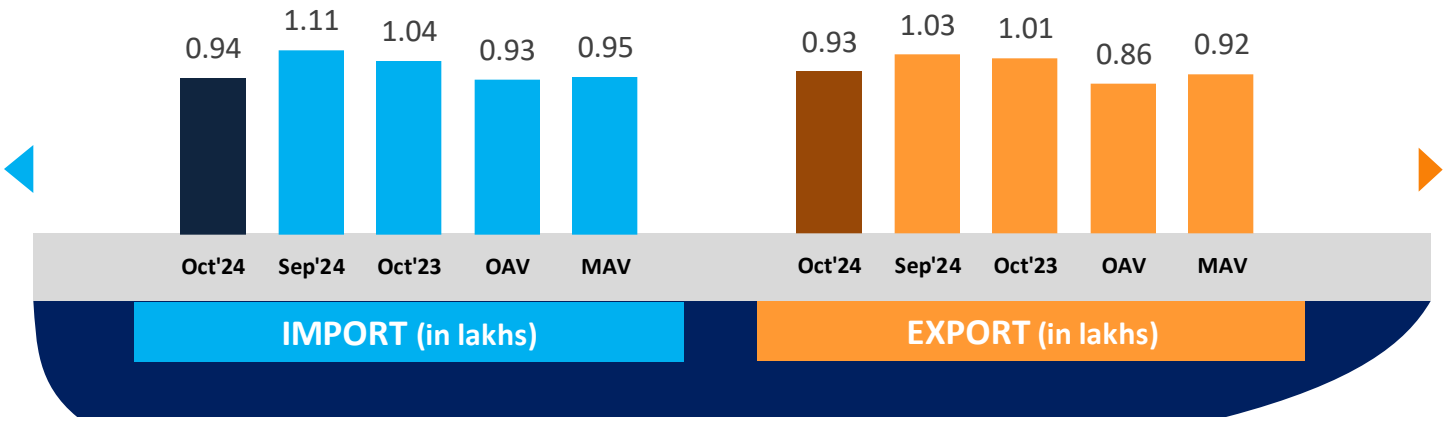
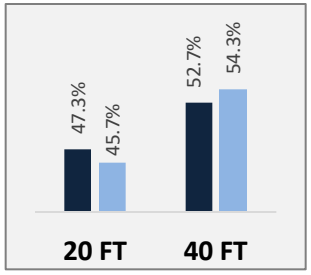
03
SOUTHERN REGION PERFORMANCE

Container Count: **Southern Region**

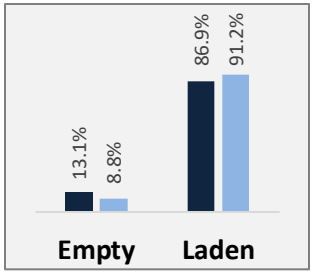
Southern Region



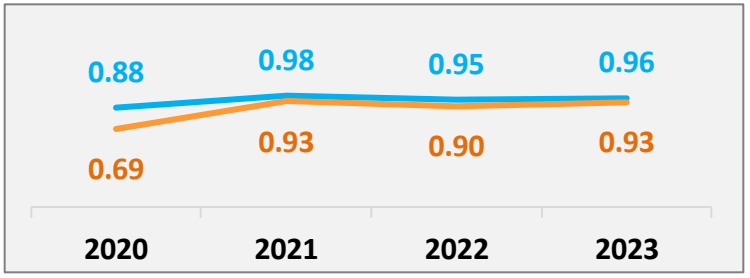
Container Size-wise (Import)



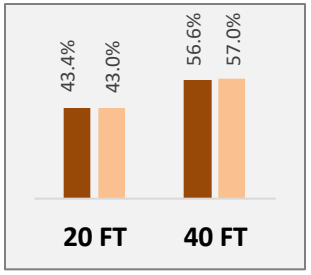
Container Type-wise (Import)



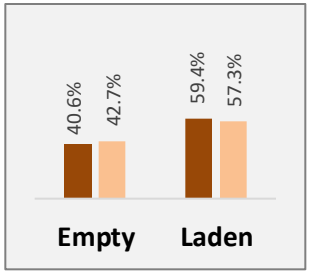
Container Count - Annual Average (in lakhs/ month)



Container Size-wise (Export)



Container Type-wise (Export)



OAV – Overall Avg Volume
MAV – Monthly Avg Volume

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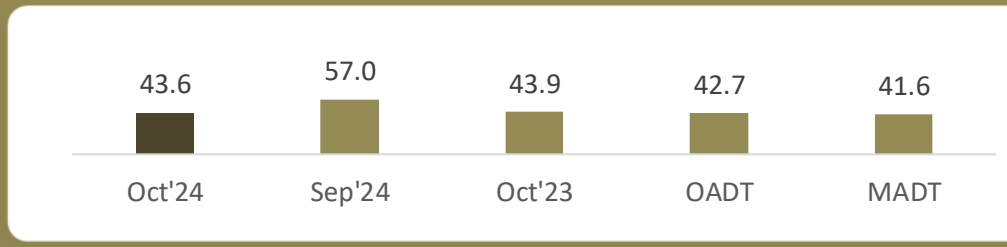
Dwell Time Performance: **Southern Region Import Cycle**

IMPORT

Southern Region

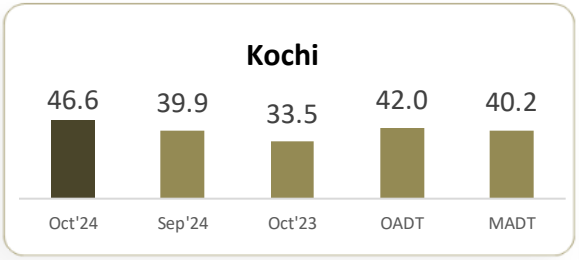


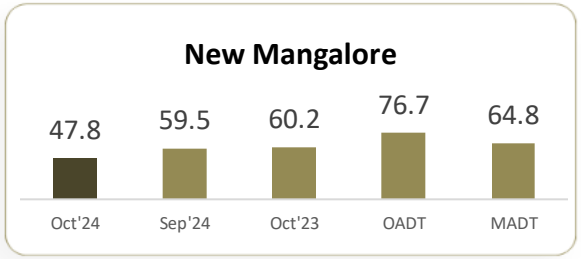
PAN India Import Dwell Time

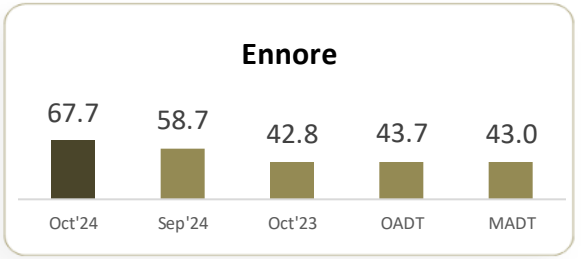
28.2 Hrs.

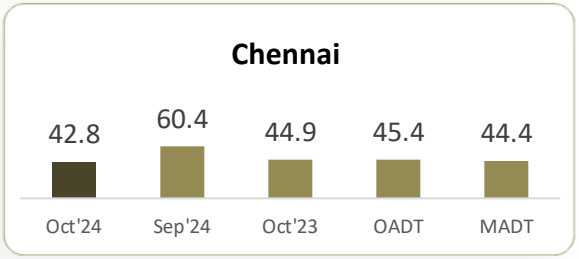
(Oct'24)

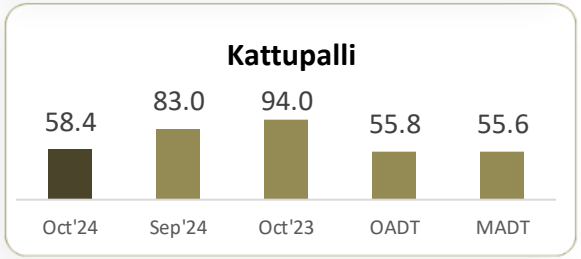
Ports

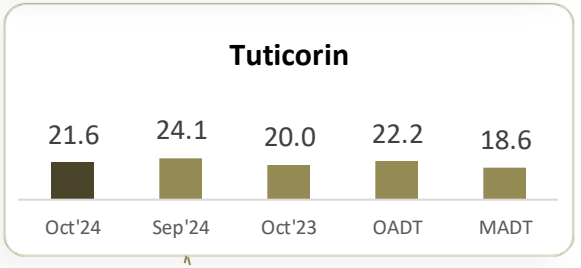




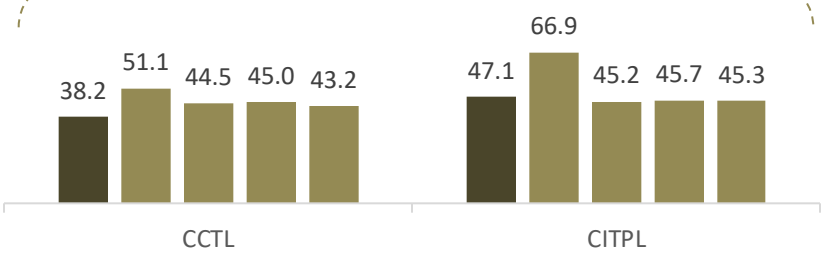


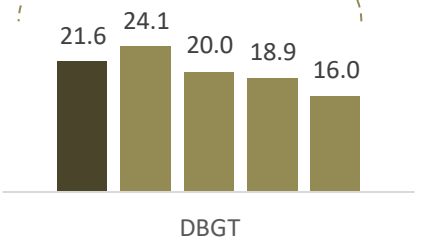






Terminals





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

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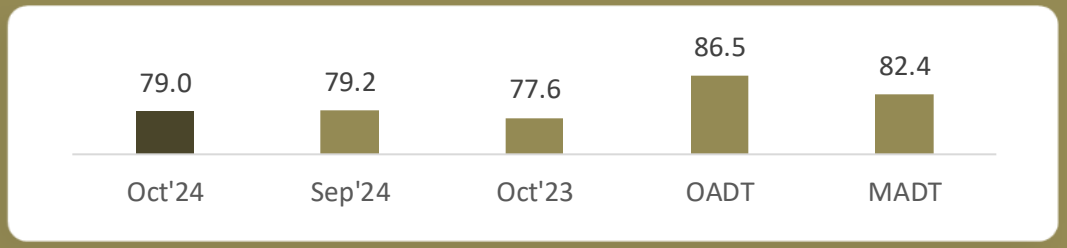
Dwell Time Performance: **Southern Region Export Cycle**

EXPORT

Southern Region



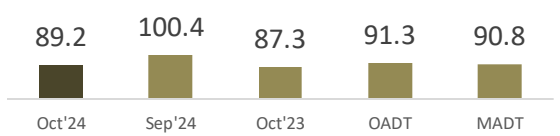
PAN India Export Dwell Time

85.3 Hrs.

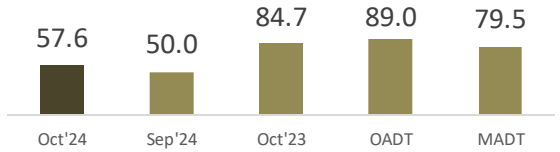
(Oct'24)

Ports

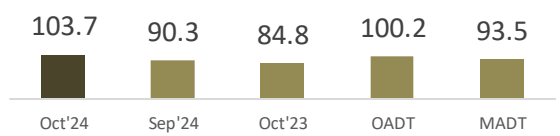
Kochi



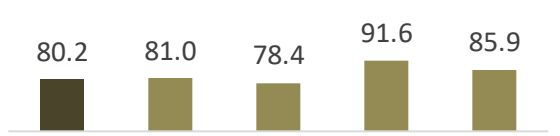
New Mangalore



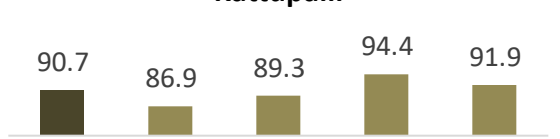
Ennore



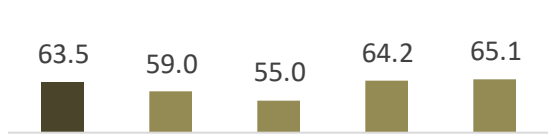
Chennai



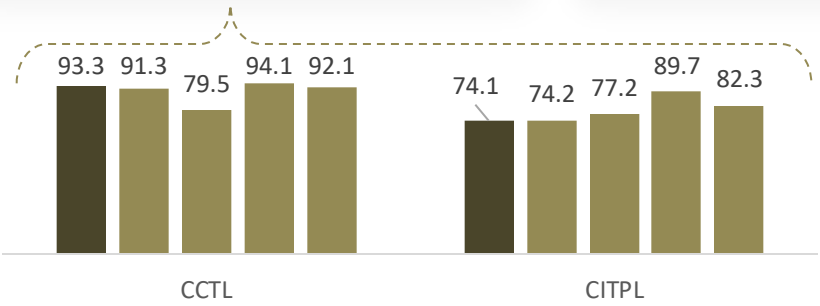
Kattupalli

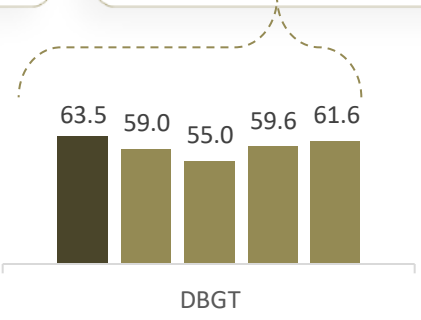


Tuticorin



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

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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)		
		Oct'24	Sep'24	Oct'23	Oct'24	Sep'24	Oct'23
Kochi	Kochi	100%	100%	-	23.7	41.6	-
	Other Ports	-	-	-	-	-	-
Ennore	Ennore	81%	93%	92%	26.7	35.3	21.8
	Other Ports	19%	7%	8%	24.5	32.6	28.9
Tuticorin	Tuticorin	100%	100%	100%	25.2	32.0	26.0
	Other Ports	-	-	-	-	-	-
Chennai	Chennai	82%	82%	79%	25.4	29.3	21.6
	Kattupalli	14%	15%	18%	28.0	33.8	22.9
	Other Ports	4%	3%	3%	33.1	72.3	30.0
Kattupalli	Kattupalli	54%	62%	62%	30.4	37.4	28.0
	Chennai	43%	34%	37%	29.5	39.4	24.1
	Other Ports	3%	4%	1%	38.8	42.2	41.5

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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)		
		Oct'24	Sep'24	Oct'23	Oct'24	Sep'24	Oct'23
CCTL	CCTL	66%	60%	65%	26.0	28.4	22.1
	CITPL	34%	40%	35%	25.2	29.9	19.5
CITPL	CITPL	70%	73%	62%	25.1	28.5	21.6
	CCTL	30%	27%	38%	25.3	32.8	22.1

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Southern Region Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Truck	43.6	↓	57.2
Train	45.7	↑	45.1
Overall	43.6	↓	57.0

CFS/ ICD Dwell Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS	138.3	↑	135.4
ICD	147.6	↑	128.8

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Truck	78.5	↓	78.7
Train	118.5	↑	109.9
Overall	79.0	↓	79.2

CFS/ ICD Dwell Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS	47.7	↑	44.9
ICD	-		-

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

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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

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

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

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Performance Benchmarking: **Southern Region**

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

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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:

X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

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

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

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Port Performance Benchmarking (Capacity & Dwell time): **Southern 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	Chennai Container Terminal Pvt. Ltd. (CCTL)
B	Chennai International Terminals Pvt Ltd (CITPL)
C	Dakshin Bharat Gateway Terminal (DBGT)
D	International Container Transhipment Terminal, Kochi
E	Adani Kattupalli Port Private Limited (AKPPL)
F	PSA SICAL Terminals
G	Mangalore Container Terminal Private Limited (MCTPL)*
H	Adani Ennore Container Terminal
I	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)

*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:

Top Performing CFS

Sical CFS, Chennai Tiruvallur Tamil Nadu

High Potential CFS

A S Shipping Agencies CFS, Tiruvallur

Low Performing CFS

Kerry Indev Logistics Private Limited / Continental Container Freight Station

Note:
Please refer annexure for CFS names

Chennai Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Truck	42.7	↓	60.8
Train	45.9	↑	38.7
Overall	42.8	↓	60.4

Transit Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
Port to CFS	3.3	↓	3.4

CFS Dwell Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS	126.4	↑	124.5

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Truck	79.5	↓	80.4
Train	119.0	↑	109.6
Overall	80.2	↓	81.0

Transit Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS to Port	9.5	↓	9.8

CFS Dwell Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS	53.2	↑	50.6

↓ ↑ Indicates decrease/ increase in time from last month

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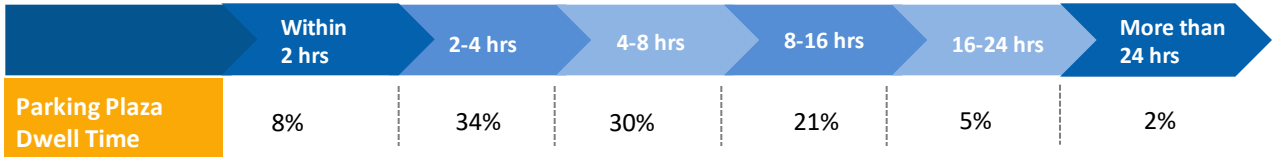
Parking Plaza Analysis: **Chennai Port**

The analysis showcases waiting time of containers at parking plaza

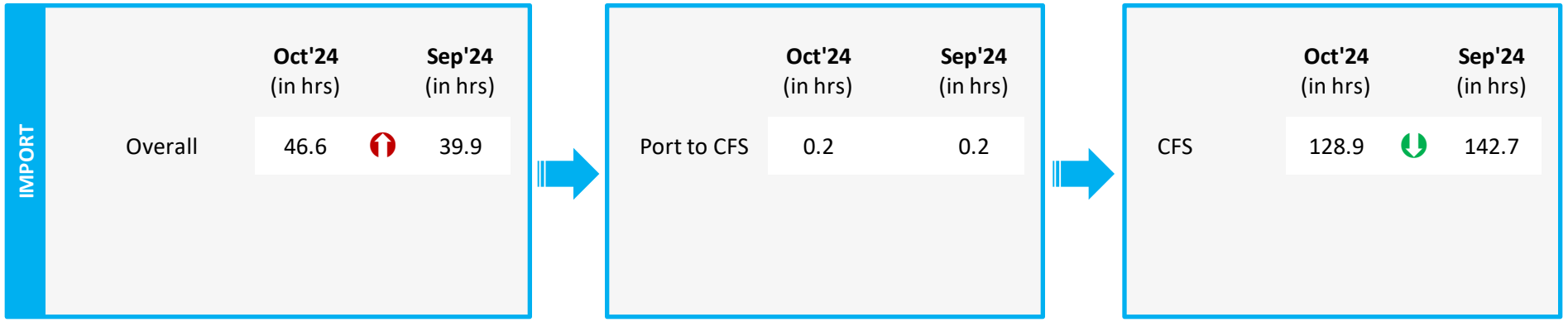
Parking Plaza Dwell Time (Gate In – Gate Out)	Oct'24 (in hrs)	Sep'24 (in hrs)
Thiruvottiyur CWC DPE Facility	4.6	4.4

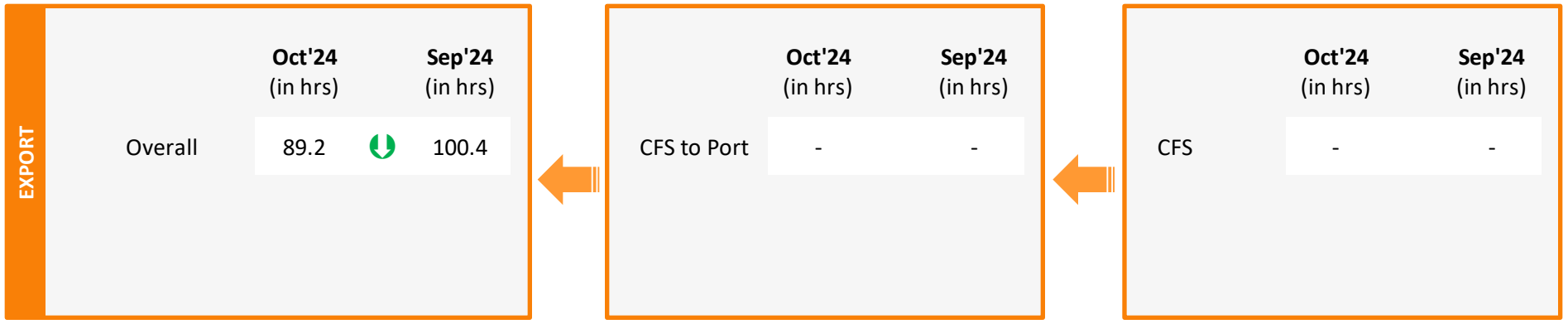
Container Count Percentage: Hour-wise (Oct'24)



Kochi Port Performance

Container Lifecycle (Import Cycle)





Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

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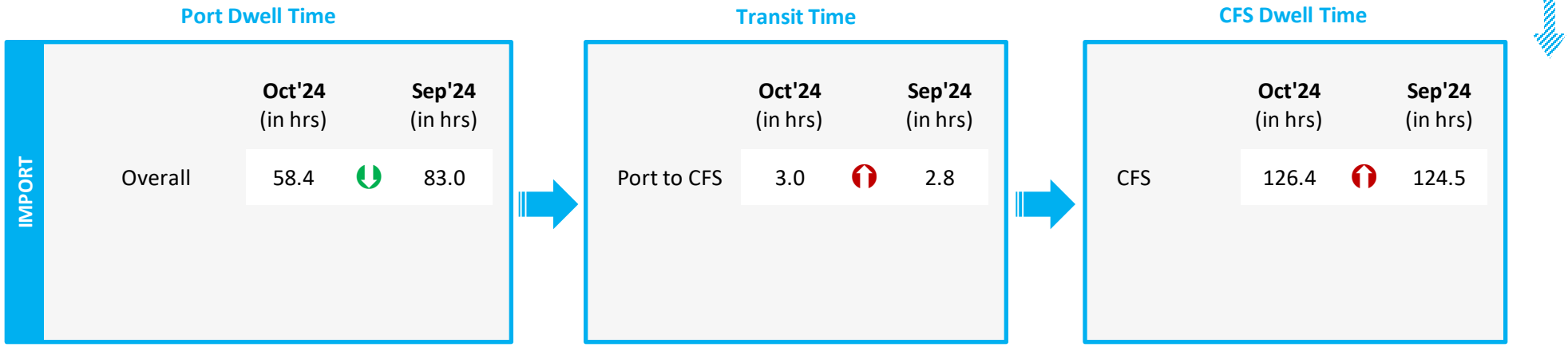
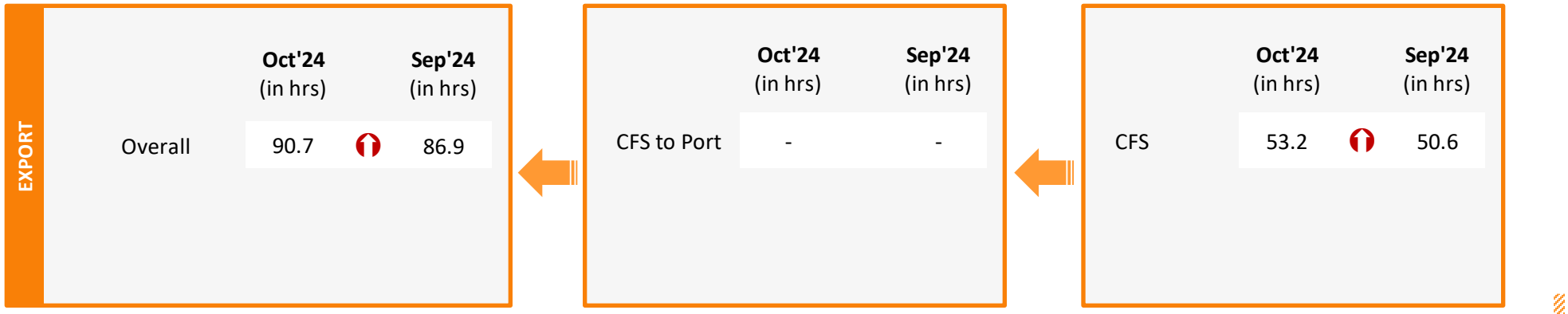
Kattupalli Port Performance

Container Lifecycle (Import Cycle)





Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

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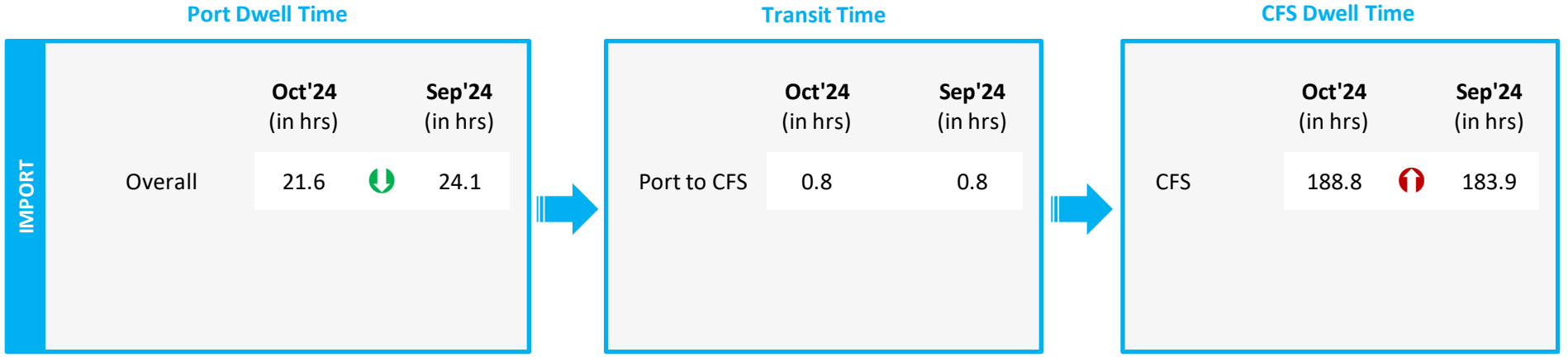
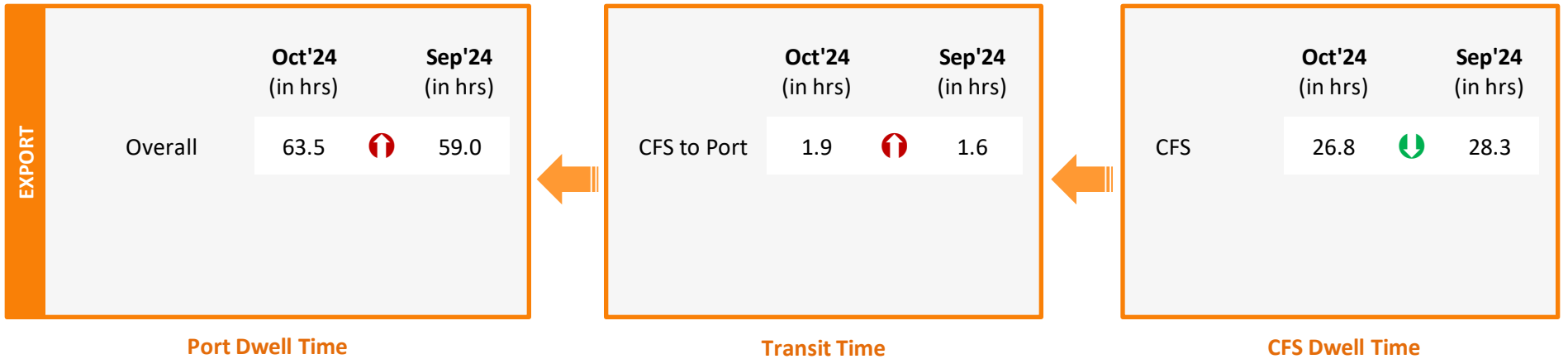
Tuticorin Port Performance

Container Lifecycle (Import Cycle)





Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

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Ennore Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Truck	68.0	↑	58.7
Train	40.2	↓	55.9
Overall	67.7	↑	58.7

Transit Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
Port to CFS	2.0	↑	1.7

CFS Dwell Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS	126.4	↑	124.5

CFS Dwell Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS	53.2	↑	50.6

Transit Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS to Port	-		-

Port Dwell Time

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Truck	102.7	↑	89.6
Train	116.9	↑	110.5
Overall	103.7	↑	90.3

Container Lifecycle (Export Cycle)

↓ ↑ Indicates decrease/ increase in time from last month

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New Mangalore Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Overall	47.8*	↓	59.5*

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Overall	57.6*	↑	50.0*

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

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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)	
				Oct'24	Sep'24
Southern	Kochi	Ponnarimangalam	5	16.7	17.6
	New Mangalore	Brahamarakotlu	25	24.6	26.8
	New Mangalore	Gundmi Toll Plaza, NH66	69	13.8	-
	New Mangalore	Talapady Toll Plaza, NH66	23	17.1	-
	Chennai	Mathur	25	12.0	12.2
	Kattupalli	Mathur	28	18.1	18.7
	Ennore	Mathur	21	-	13.0
	Tuticorin	Pudurpandiyapuram	29	40.5	42.4

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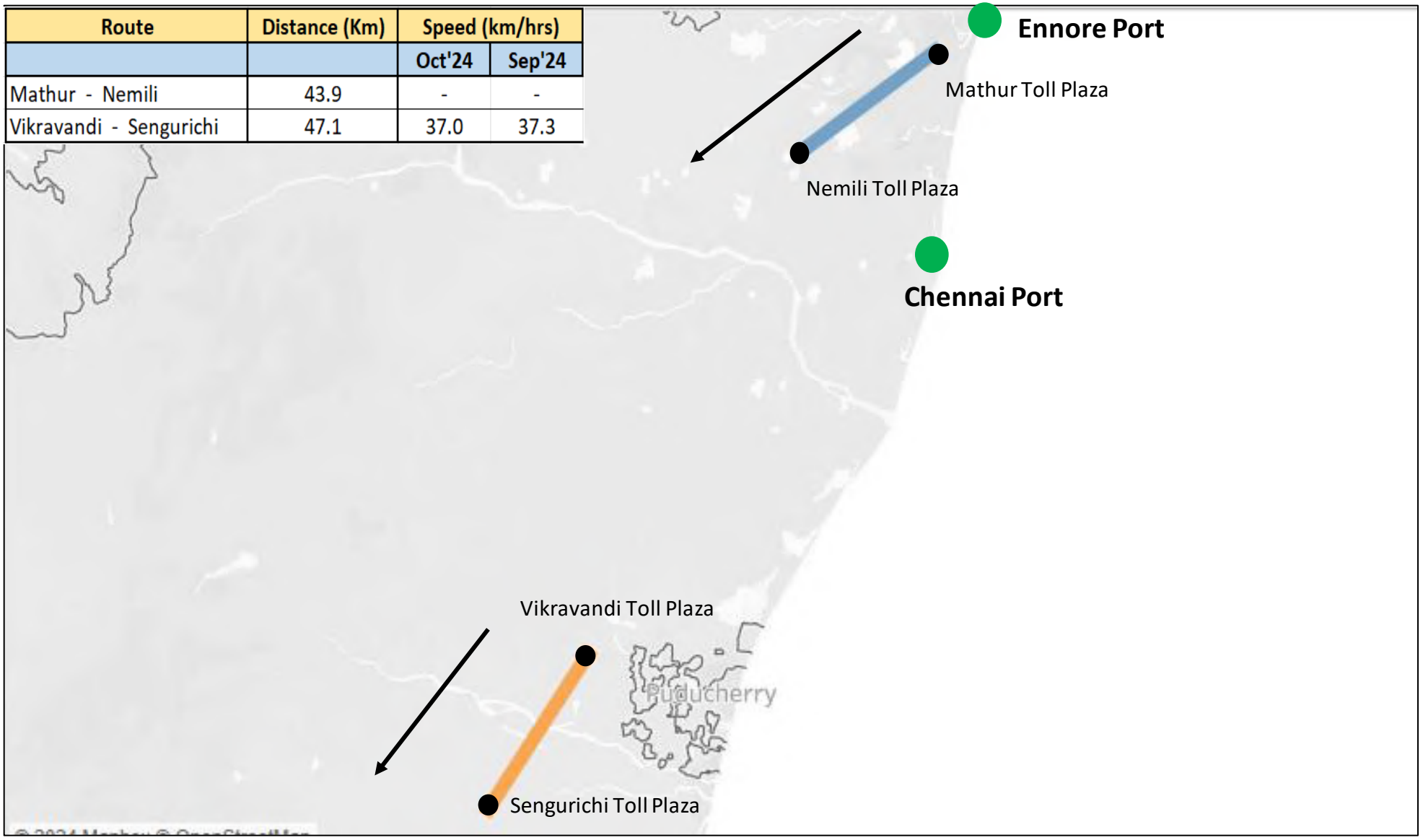
Toll Plaza Analysis: **Chennai and Ennore Port**

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

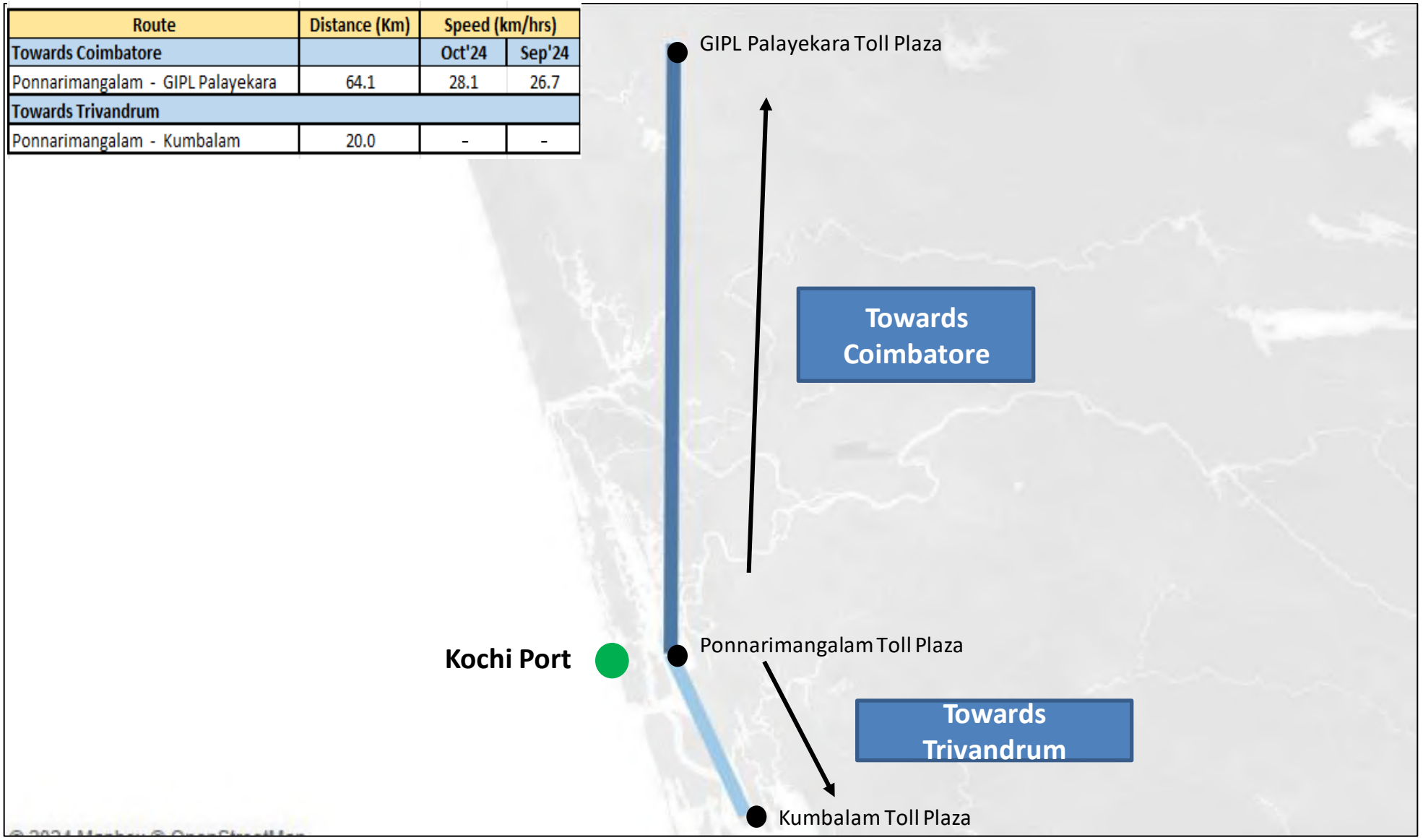
Route	Distance (Km)	Speed (km/hrs)	
		Oct'24	Sep'24
Mathur - Nemili	43.9	-	-
Vikravandi - Sengurichi	47.1	37.0	37.3



Toll Plaza Analysis: **Kochi Port**

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

Route	Distance (Km)	Speed (km/hrs)	
Towards Coimbatore		Oct'24	Sep'24
Ponnarimangalam - GIPL Palayekara	64.1	28.1	26.7
Towards Trivandrum			
Ponnarimangalam - Kumbalam	20.0	-	-



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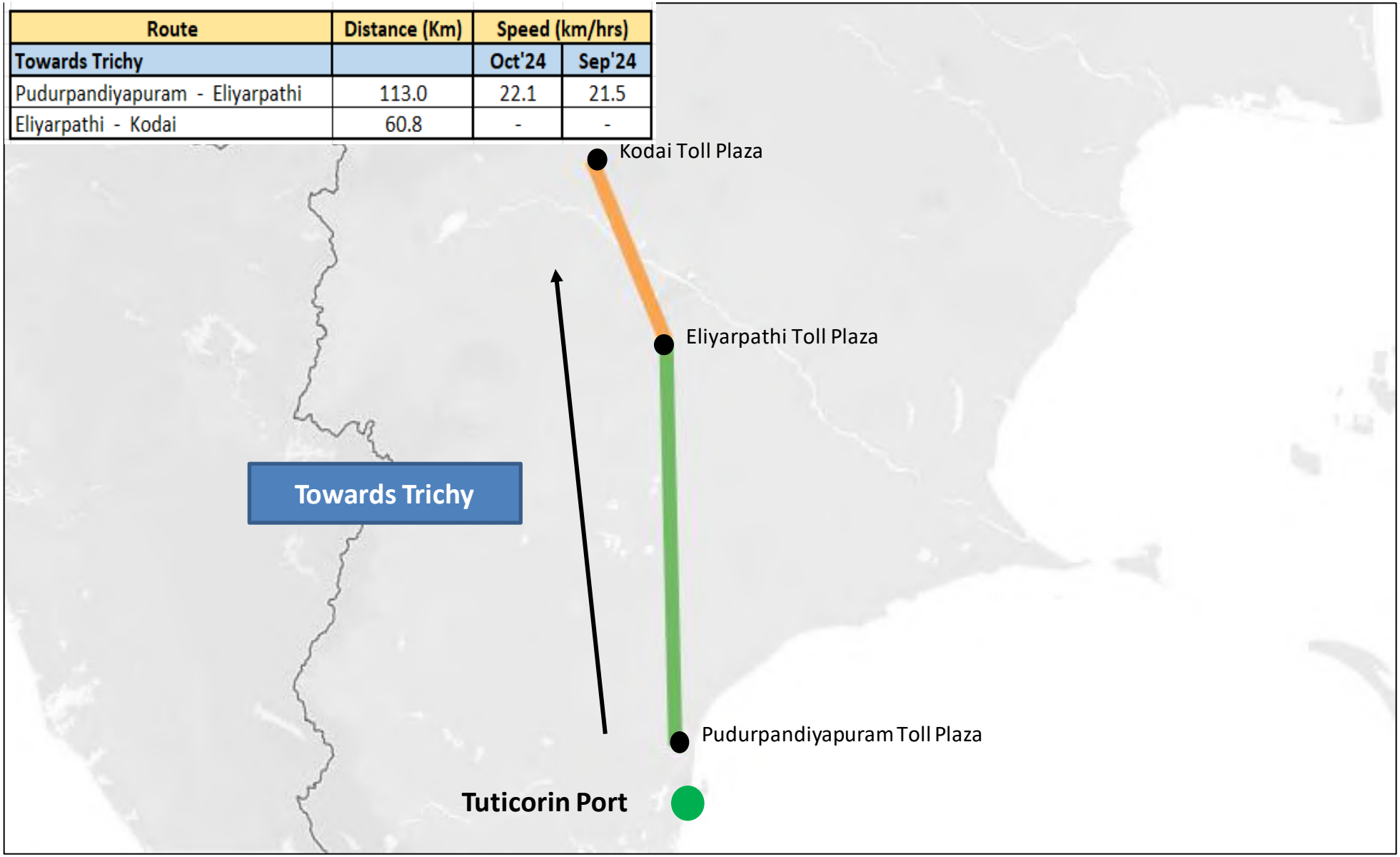
Toll Plaza Analysis: **Tuticorin Port**

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

Route	Distance (Km)	Speed (km/hrs)	
Towards Trichy		**Oct'24**	**Sep'24**
Pudurpandiyapuram - Eliyarpathi	113.0	22.1	21.5
Eliyarpathi - Kodai	60.8	-	-



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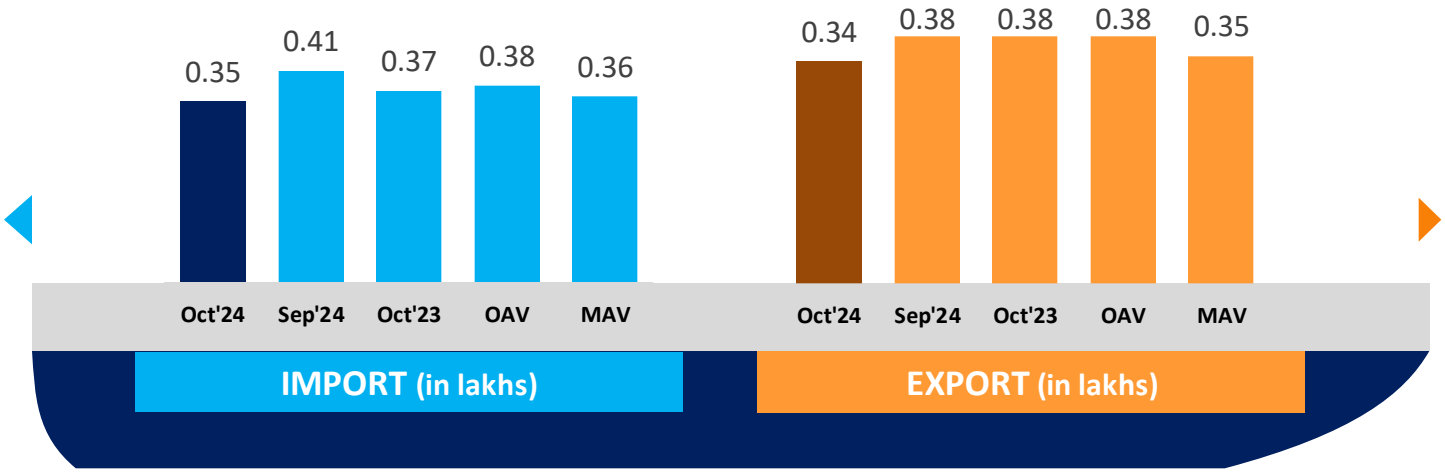
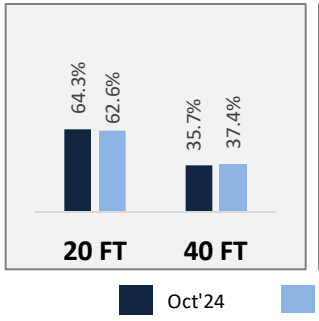
04
EASTERN REGION PERFORMANCE

Container Count: Eastern Region

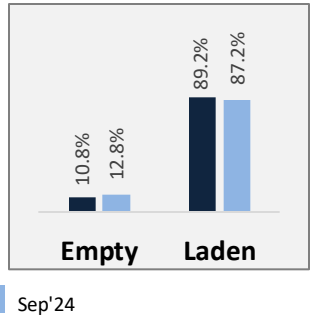
Eastern Region



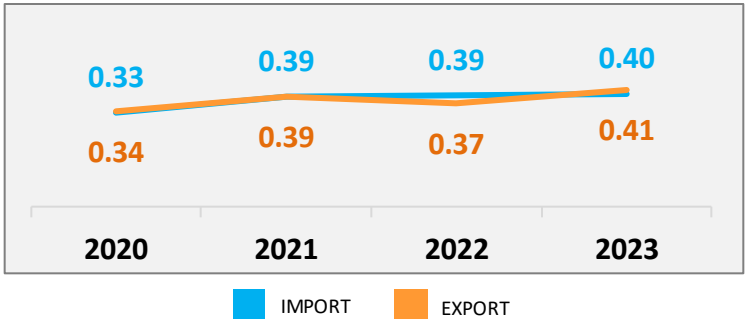
Container Size-wise (Import)



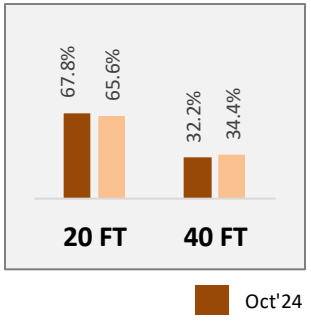
Container Type-wise (Import)



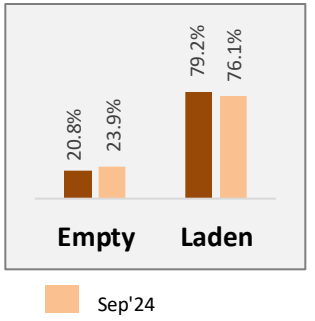
Container Count - Annual Average (in lakhs/ month)



Container Size-wise (Export)



Container Type-wise (Export)



OAV – Overall Avg Volume
MAV – Monthly Avg Volume

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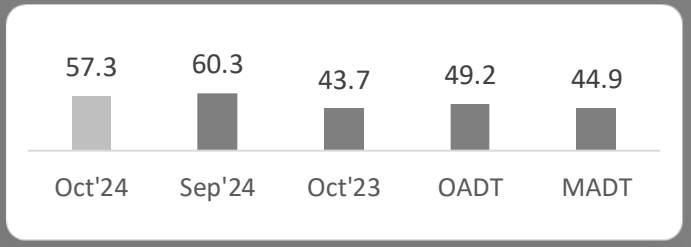
Dwell Time Performance: Eastern Region Import/ Export Cycle

Eastern Region

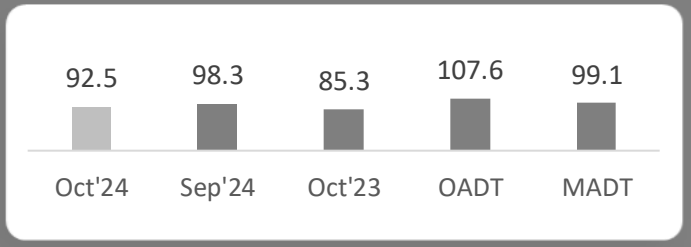
IMPORT



PAN India Import Dwell Time (Oct'24)

28.2 Hrs.

EXPORT



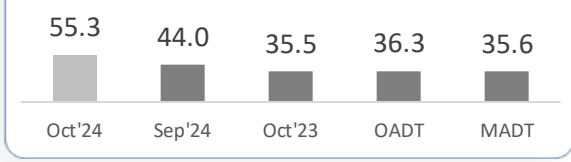
PAN India Export Dwell Time (Oct'24)

85.3 Hrs.

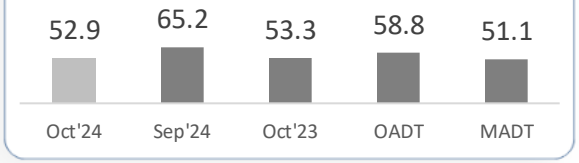
IMPORT

Ports

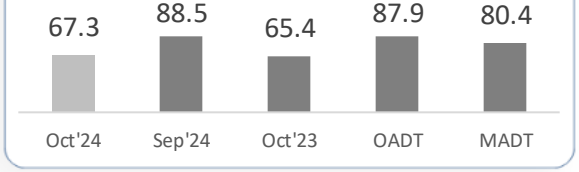
Kolkata



Visakhapatnam



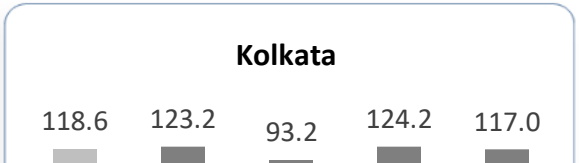
Haldia



EXPORT

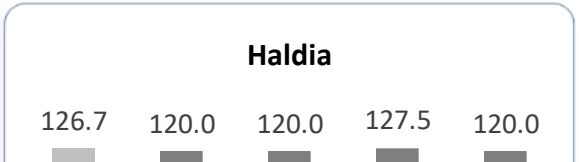
Ports

Kolkata



Visakhapatnam

Haldia



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

Note:
All values are in hours

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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)		
		Oct'24	Sep'24	Oct'23	Oct'24	Sep'24	Oct'23
Visakhapatnam	Visakhapatnam	96%	95%	97%	39.4	34.8	36.2
	Other Ports	4%	5%	3%	51.6	55.3	53.9
Kolkata	Kolkata	93%	91%	-	37.1	41.3	-
	Haldia	5%	7%	-	36.5	58.8	-
	Other Ports	2%	2%	-	62.8	61.0	-
Haldia	Haldia	74%	74%	100%	32.0	32.0	56.0
	Kolkata	24%	26%	-	42.0	53.0	-
	Other Ports	2%	-	-	76.9	-	-

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Eastern Region Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Truck	49.4	↓	53.5
Train	168.6	↓	212.9
Overall	57.3	↓	60.3

CFS/ ICD Dwell Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS	151.9	↑	151.6
ICD	-		123.1

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Truck	92.0	↓	100.4
Train	94.8	↑	93.7
Overall	92.5	↓	98.3

CFS/ ICD Dwell Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS	96.6	↓	99.0
ICD	-		-

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

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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

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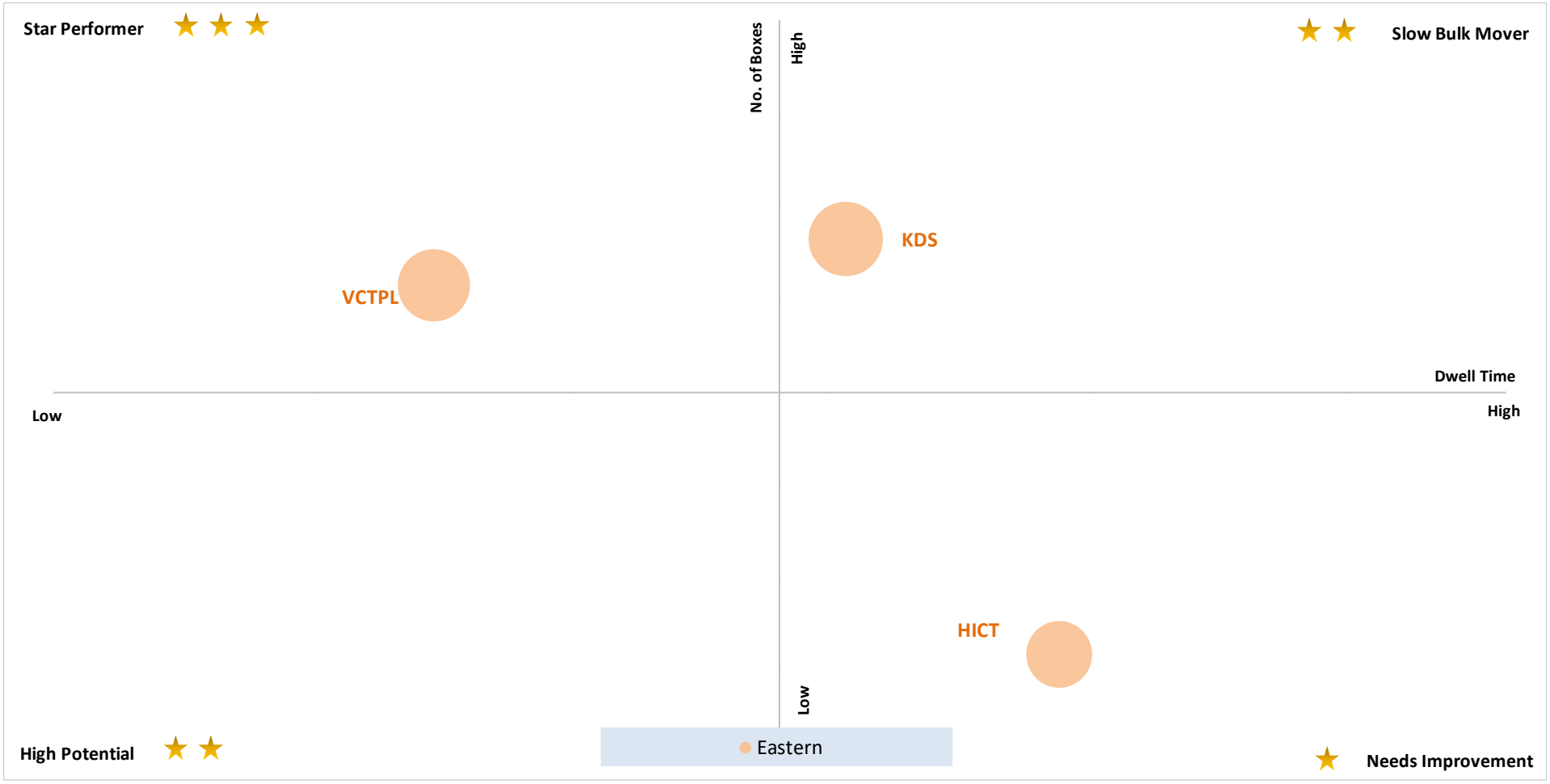
Performance Benchmarking: **Eastern Region**

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

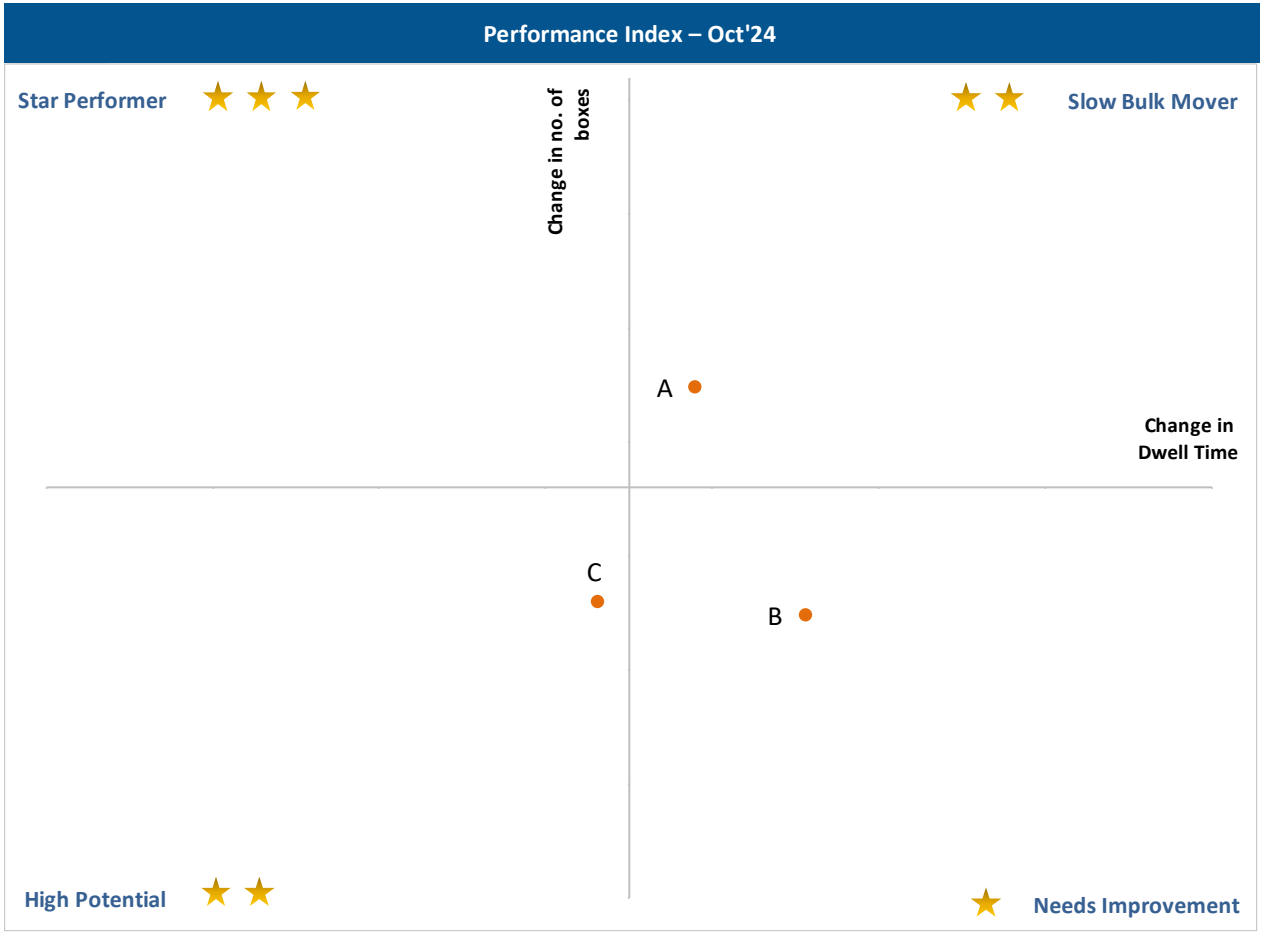
Slow Bulk Movers
Entities with high container count and high dwell time

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

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

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

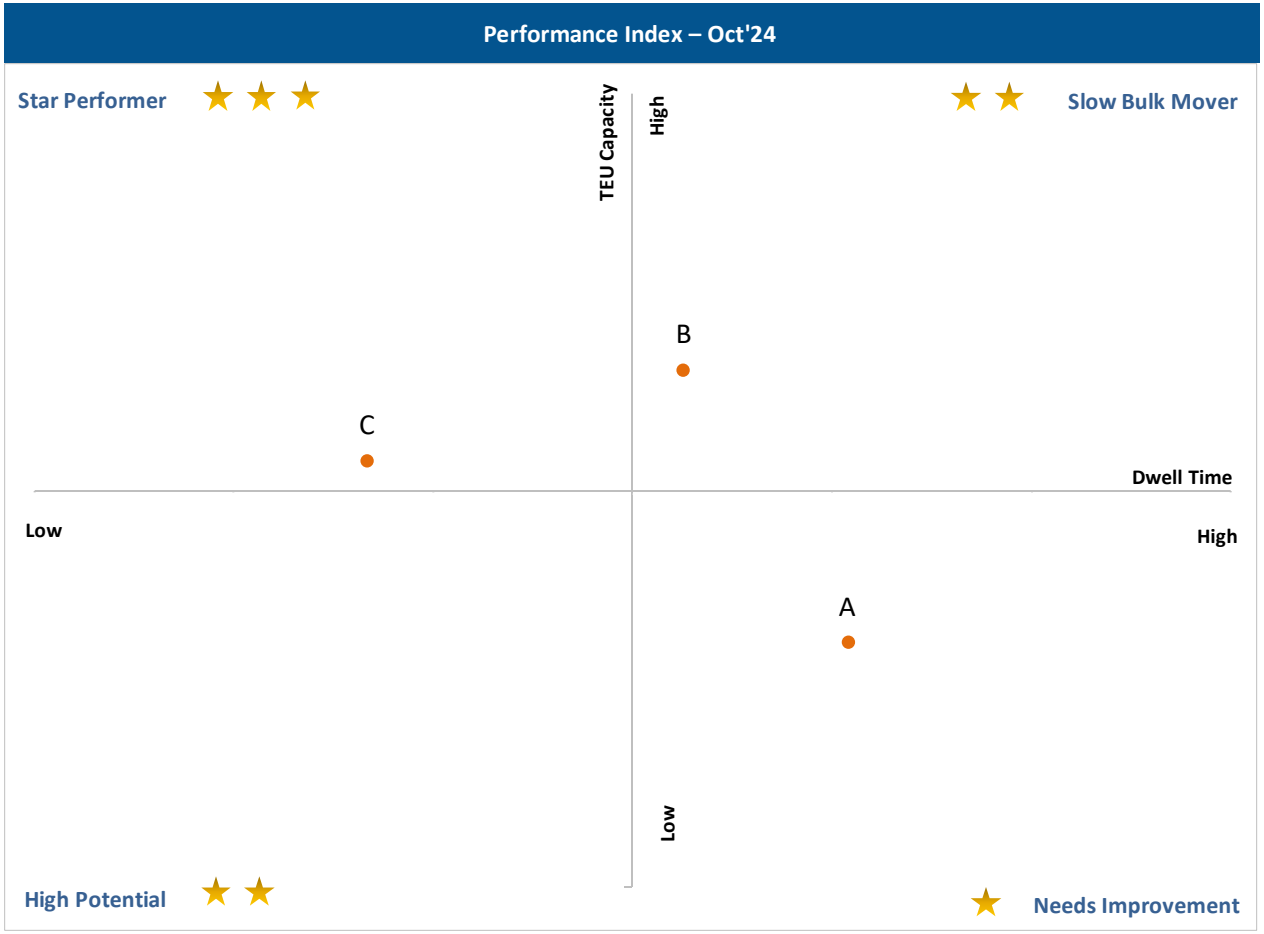

Abb.	Name of Terminal
A	Haldia International Container Terminal (HICT)
B	Kolkata Dock System (KDS) , Kolkata Port
C	Visakha Container Terminal

X-Axis: Dwell Time

Y-Axis: TEU Capacity

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CFS Performance Benchmarking: **Eastern Region**

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

Top Performing CFS

Gateway East India CFS

High Potential CFS

Sravan CFS-1

Low Performing CFS

Ralson Petro Chemicals CFS

Note:
Please refer annexure for CFS names

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Visakhapatnam Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Overall	52.9	↓	65.2

Transit Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
Port to CFS	2.3	↑	2.2

CFS Dwell Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS	168.2	↓	186.3

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Overall	73.6	↓	82.4

Transit Time

	Oct'24 (in hrs)	Sep'24 (in hrs)
CFS to Port	-	-

CFS Dwell Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS	69.9	↑	66.1

↓ ↑ Indicates decrease/ increase in time from last month

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Kolkata Port Performance

Container Lifecycle (Import Cycle)

IMPORT

	Port Dwell Time			Transit Time			CFS Dwell Time		
	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'24 (in hrs)		Sep'24 (in hrs)
	Overall	55.3	44.0	Port to CFS	1.5	1.2	CFS	147.5	146.9

EXPORT

	Port Dwell Time			Transit Time			CFS Dwell Time		
	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'24 (in hrs)		Sep'24 (in hrs)	Oct'24 (in hrs)		Sep'24 (in hrs)
	Overall	118.6	123.2	CFS to Port	-	-	CFS	118.4	121.8

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)	Oct'24 (in hrs)	Sep'24 (in hrs)
Phonex M, Q Parking Yard Kolkata	1.8	2.1

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

	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	56%	27%	14%	3%	-	-

Haldia Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Overall	67.3	↓	88.5

Transit Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
Port to CFS	10.6	↑	10.0

CFS Dwell Time

	Oct'24 (in hrs)		Sep'24 (in hrs)
CFS	153.0	↑	127.7

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Oct'24 (in hrs)		Sep'24 (in hrs)
Overall	126.7	↑	120.0

Transit Time

	Oct'24 (in hrs)	Sep'24 (in hrs)
CFS to Port	-	-

CFS Dwell Time

	Oct'24 (in hrs)	Sep'24 (in hrs)
CFS	-	-

↓ ↑ Indicates decrease/ increase in time from last month

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Port to Toll Plaza Analysis: **Eastern Region**

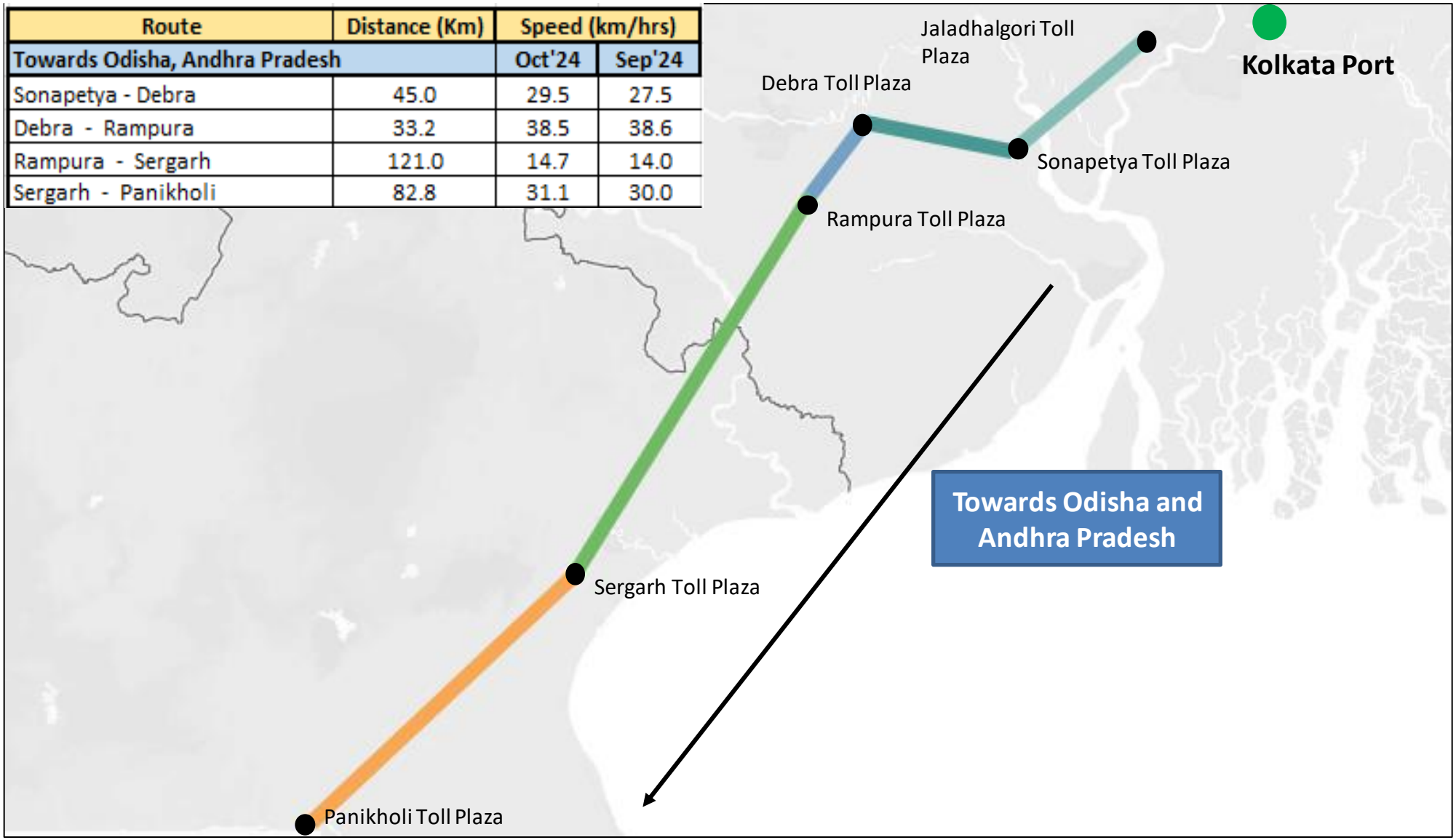
Below table depicts the average speed of a truck to cover the distance between the port and nearest toll plaza:

Region	Port	Adjacent Toll plaza	Distance (in KM)	Average Speed (in Km/hr)	
				Oct'24	Sep'24
Eastern	Kolkata	Rampura	134	15.2	13.4
		Dankuni	28	7.5	8.2
	Haldia	Sonapetya	44	8.5	8.7
	Visakhapatnam	Nathavalasa	59	12.3	13.0
		Sheelanagar	23	24.6	23.2

Toll Plaza Analysis: **Kolkata Port**

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

Route	Distance (Km)	Speed (km/hrs)	
Towards Odisha, Andhra Pradesh		Oct'24	Sep'24
Sonapetya - Debra	45.0	29.5	27.5
Debra - Rampura	33.2	38.5	38.6
Rampura - Sergarh	121.0	14.7	14.0
Sergarh - Panikholi	82.8	31.1	30.0



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05
CONGESTION & TRANSIT ANALYSIS

Congestion Analysis & Methodology

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

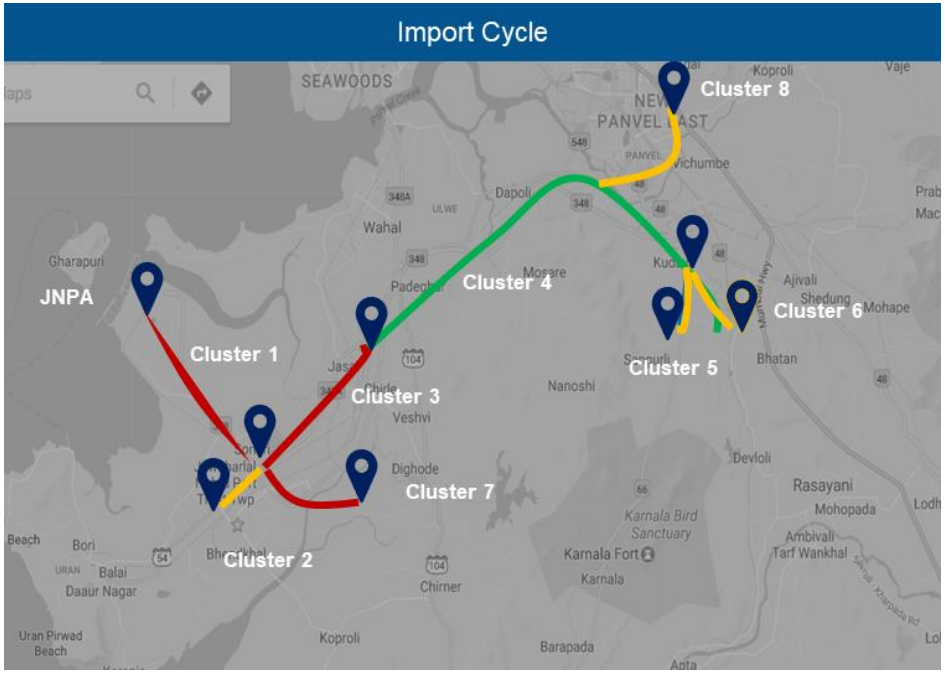
Methodology

Step 1 CFSs are divided into clusters based on their vicinity

Step 2 Cluster based transit time is calculated. The transit time is the travel time between CFS clusters and port or vice versa.

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

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



Congestion Level — High — Medium — Low

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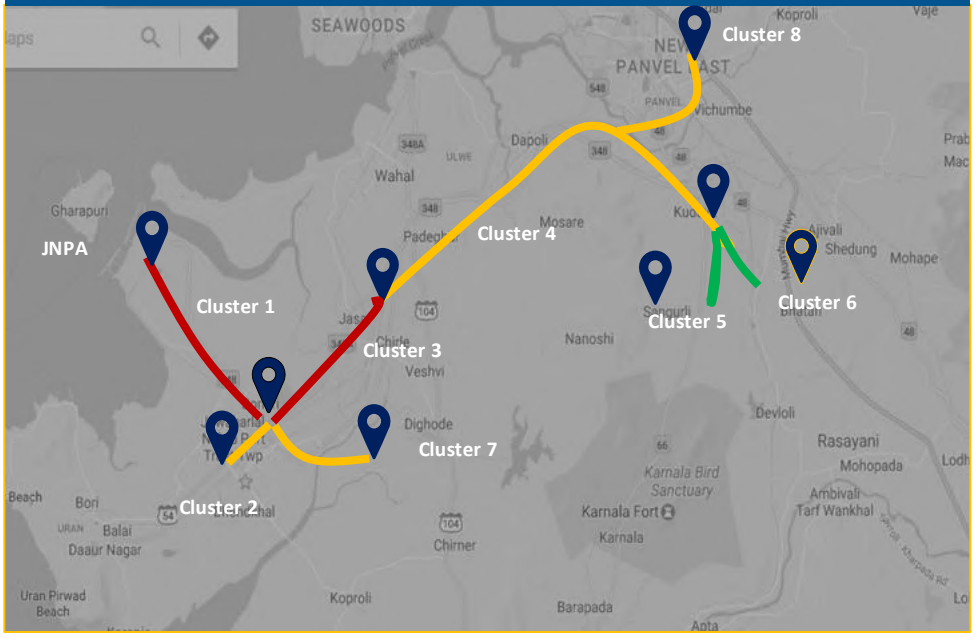
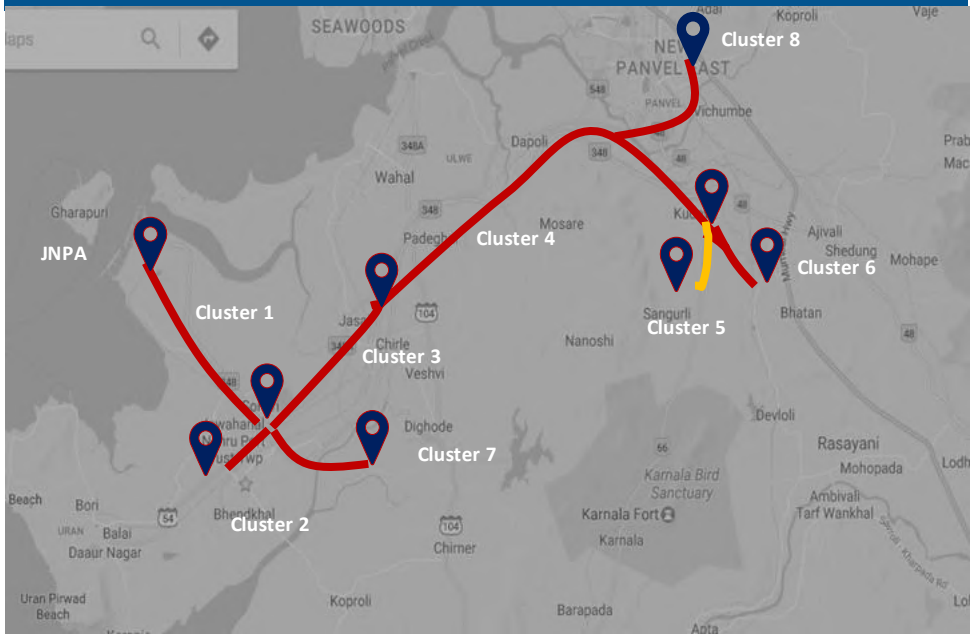
Congestion Analysis: JNPA Region

Import Cycle



Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	11.45%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	20.12%	Medium
Cluster 3	Sonari Area,JNPA Road	2	14.60%	High
Cluster 4	Chirle Area, JNPA Road	1	0.55%	Medium
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	16.18%	Low
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	23.29%	Low
Cluster 7	Patilpada Area, Khopate JNPA Road	3	12.94%	Medium
Cluster 8	Taloja, Navi Mumbai	1	0.87%	Medium

Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	6.29%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	22.23%	High
Cluster 3	Sonari Area,JNPA Road	2	16.28%	High
Cluster 4	Chirle Area, JNPA Road	1	4.32%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	11.96%	Medium
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	25.16%	High
Cluster 7	Patilpada Area, Khopate JNPA Road	3	13.05%	High
Cluster 8	Taloja, Navi Mumbai	1	0.71%	High

Congestion Level — High — Medium — Low

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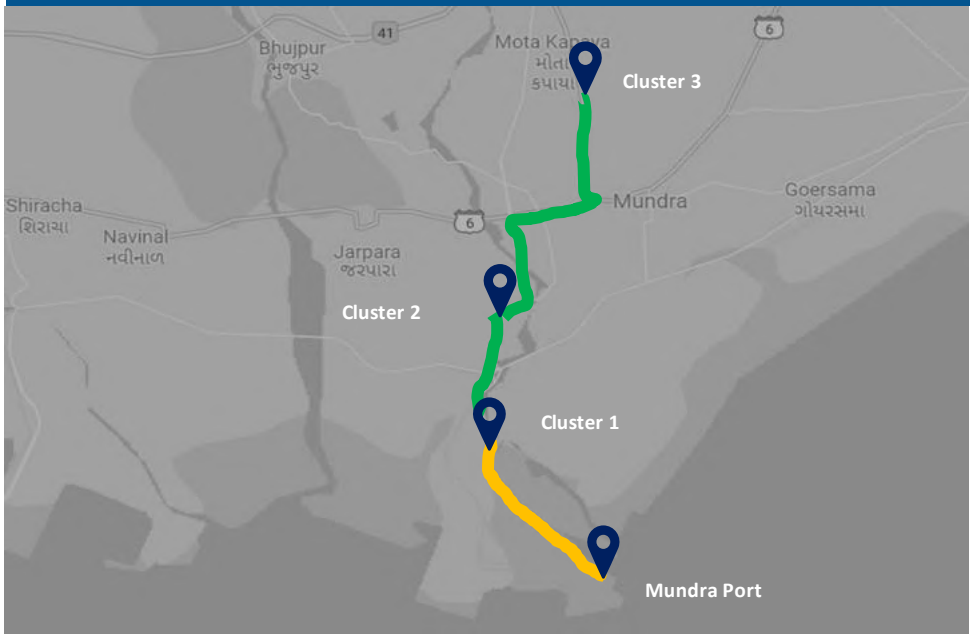
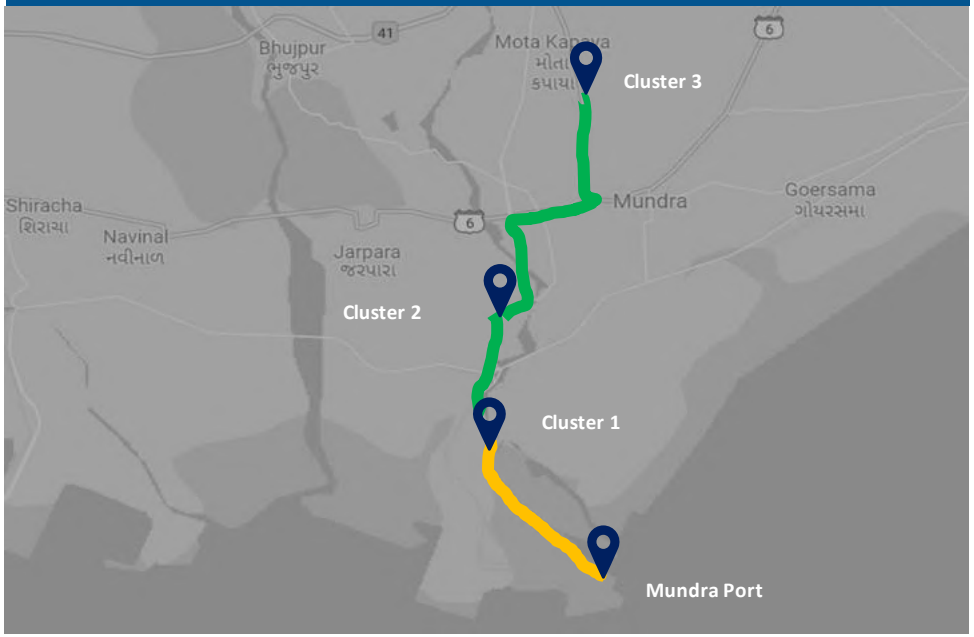
Congestion Analysis: Mundra Region

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	APSEZ Area	12	83.05%	Medium
Cluster 2	Hind Circle	2	12.62%	Low
Cluster 3	Mota Kapaya	1	4.33%	Low

Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	APSEZ Area	12	97.07%	Medium
Cluster 2	Hind Circle	2	1.65%	Low
Cluster 3	Mota Kapaya	1	1.28%	Low

Congestion Level — High — Medium — Low

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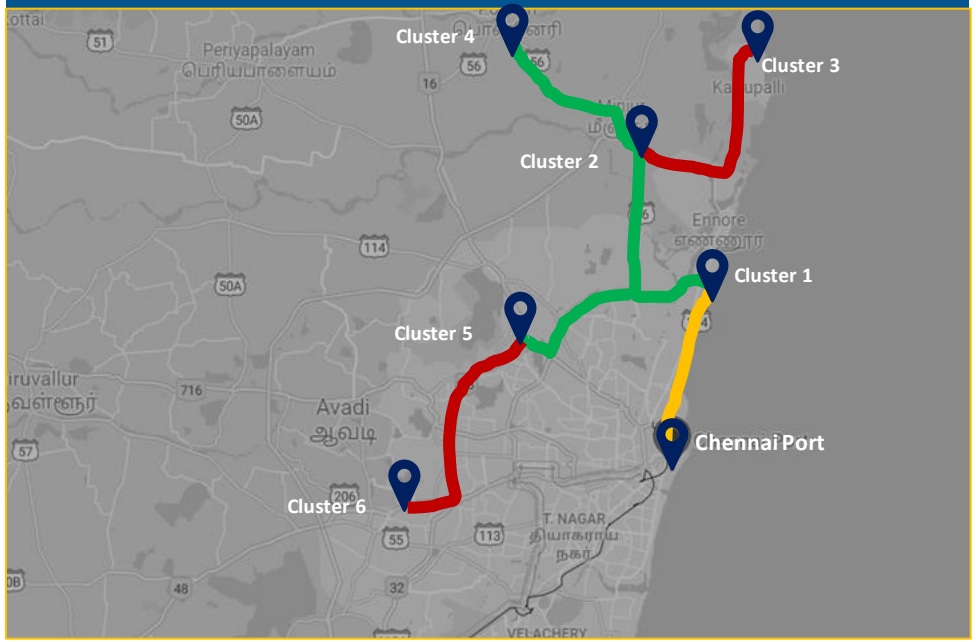
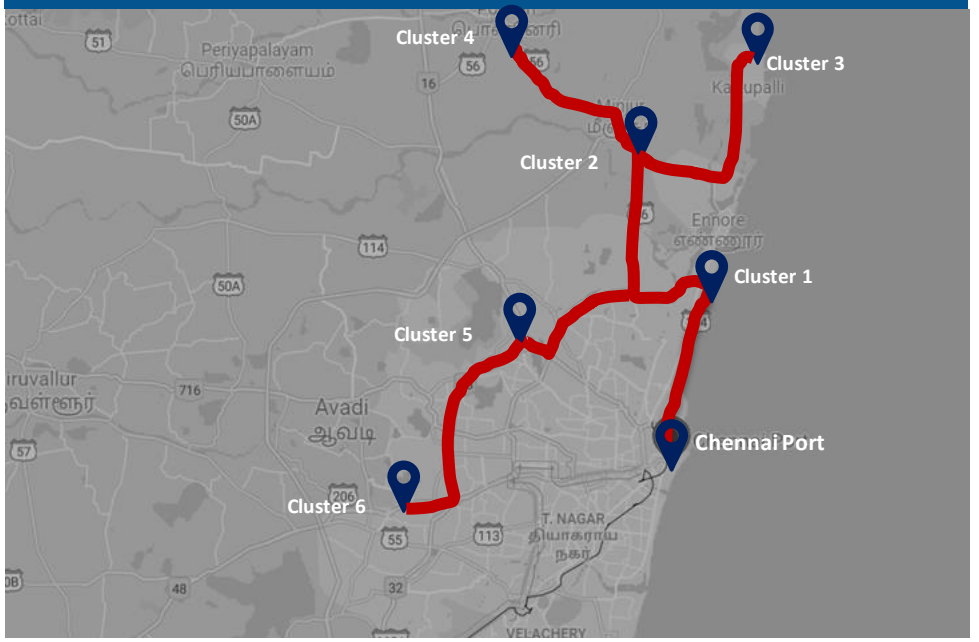
Congestion Analysis: Chennai Region

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Thiruvottiyur High Road Augction	3	26.29%	Medium
Cluster 2	Aandarkuppam - Melur Augction	14	61.87%	Low
Cluster 3	Kattupalli Port bound Area	2	0.49%	High
Cluster 4	Minjur - Ponneri bound Area	3	4.38%	Low
Cluster 5	Madhavaram - Moolakadai Augction	3	3.07%	Low
Cluster 6	Poonamallee - Sriperumbadur Augction	5	3.90%	High

Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Thiruvottiyur High Road Augction	3	20.84%	High
Cluster 2	Aandarkuppam - Melur Augction	14	53.71%	High
Cluster 3	Kattupalli Port bound Area	2	1.19%	High
Cluster 4	Minjur - Ponneri bound Area	3	8.24%	High
Cluster 5	Madhavaram - Moolakadai Augction	3	1.54%	High
Cluster 6	Poonamallee - Sriperumbadur Augction	5	14.48%	High

Congestion Level — High — Medium — Low

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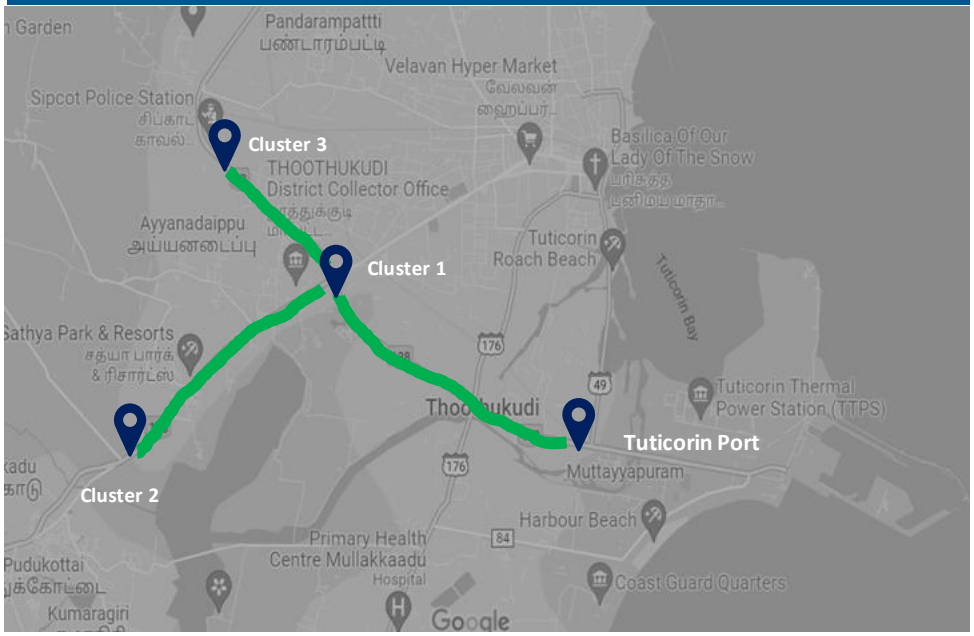
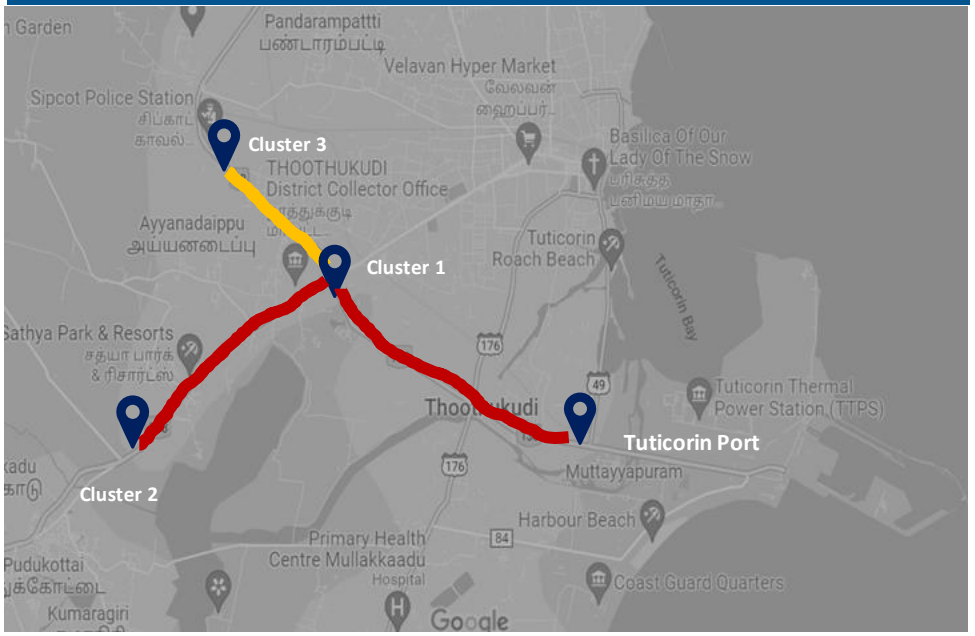
Congestion Analysis: Tuticorin Region

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	4	30.66%	Low
Cluster 2	Tirunelveli Road nearby Podukottai	2	12.37%	Low
Cluster 3	Sipcot Area nearby Madurai Road	8	56.97%	Low

Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	4	21.91%	High
Cluster 2	Tirunelveli Road nearby Podukottai	2	9.09%	High
Cluster 3	Sipcot Area nearby Madurai Road	8	69.0%	Medium

Congestion Level — High — Medium — Low

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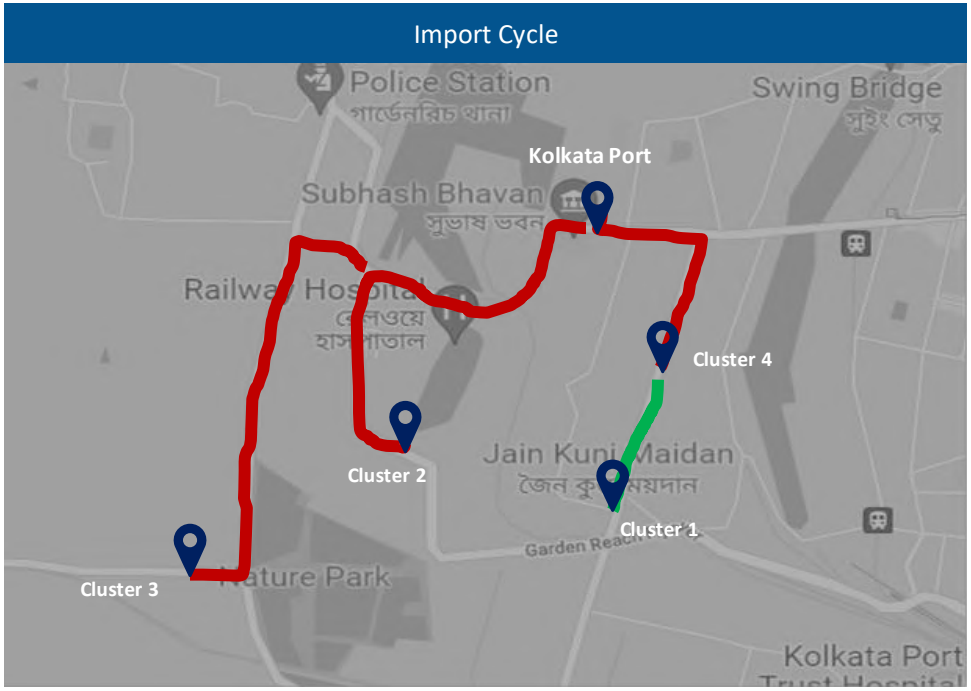
Congestion Analysis: Kolkata Region



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Base Bridge Area	3	42.53%	Low
Cluster 2	Sonapur Road Area	1	18.52%	High
Cluster 3	Nature Park Area	1	35.67%	High
Cluster 4	Babu Bazar Area	1	3.28%	High

Congestion Level High Medium Low

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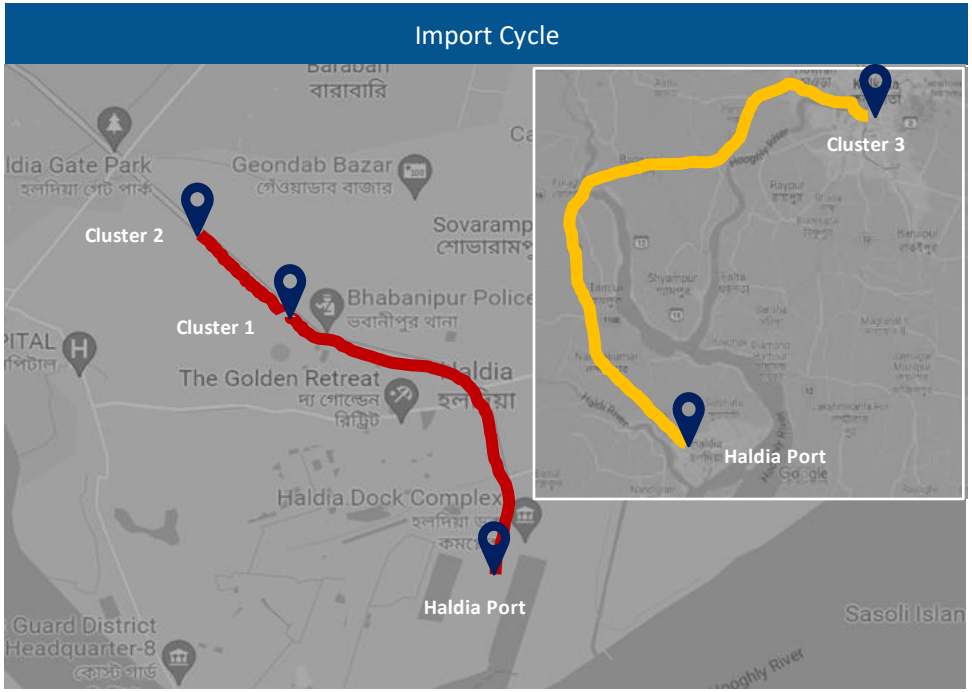
Congestion Analysis: Haldia Region



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Talpukur Area, Kolkata Highway	1	37.41%	High
Cluster 2	City Centre Area, Kolkata Highway	2	37.27%	High
Cluster 3	Silpodanga Area	1	25.32%	Medium

Congestion Level High Medium Low

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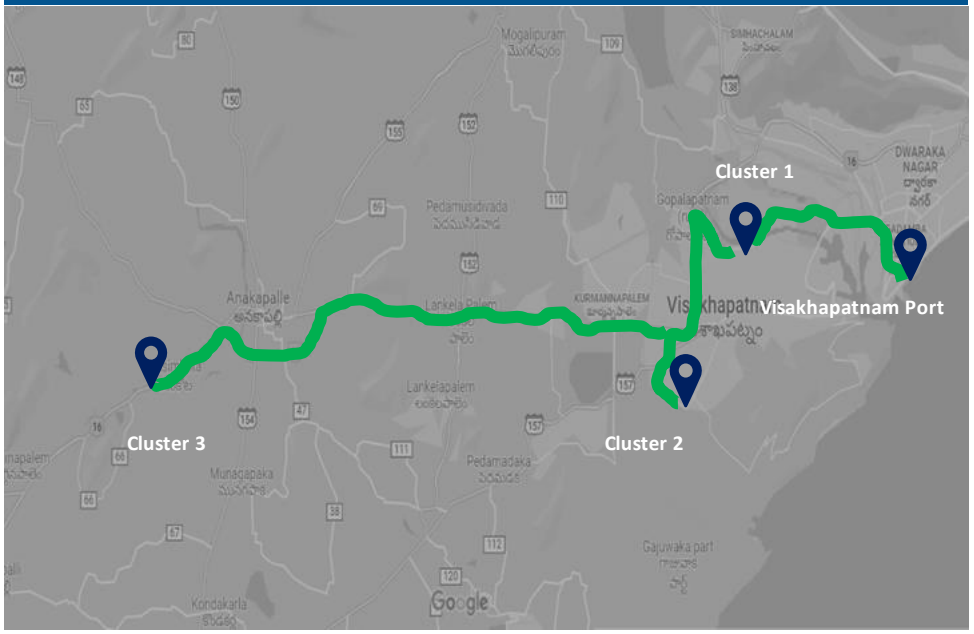
Congestion Analysis: Visakhapatnam Region

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Port Road, Gopalapatnam Area	4	64.06%	Low
Cluster 2	Autonagar, Gajuwaka Area	3	29.36%	Low
Cluster 3	Chennai – Kolkata Highway, Bayyavaram Area	1	6.58%	Low

Congestion Level High Medium Low

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Transit Movement across ICPs

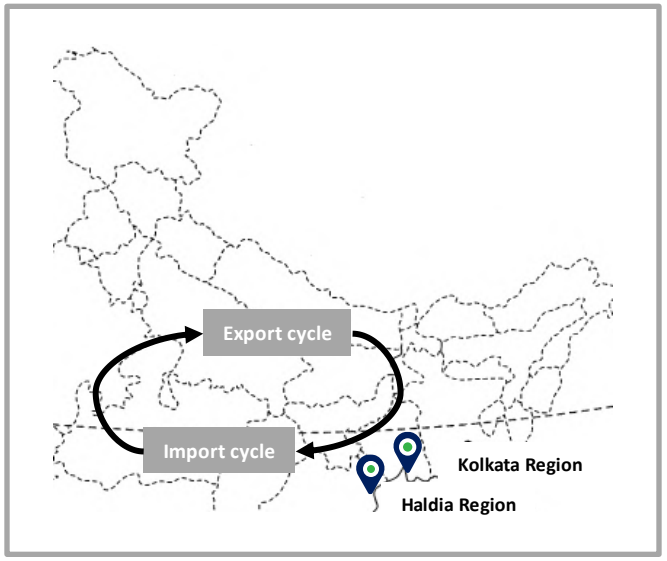
Transit movement across ICPs from Kolkata & Haldia Port Terminal for Oct'24:

Kolkata Port Terminal

Import Cycle	Mode	ICP Raxaul	ICP Jogbani
	Overall	100.7	105.3

Haldia Port Terminal

Import Cycle	Mode	ICP Raxaul	ICP Jogbani
	Overall	101.6	202.6



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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 Transhipment 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

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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	22	MMLP VARNAMA
2	ICD KHODIYAR	23	MMLP BARHI
3	CONCOR ICD, Dadri	24	CONTAINER CORPORATION OF INDIA LTD - TONDIARPET (ICDTVT-T)
4	ICD WHITEFIELD	25	Vaishno Container Terminal-ICD Tarapur
5	ICD SANATHNAGAR	26	ICD Jajpur (Jindal Stainless Ltd.)
6	Gateway Rail ICD, Sahnewal	27	ICD KANPUR
7	Adani ICD, Tumb	28	The Thar Dry Port Jodhpur
8	CONCOR Kanakpura ICD, Jaipur	29	Albatross Inland Ports ICD, Dadri
9	ICD DDL, LUDHIANA	30	Kribhco ICD, Meerut
10	HTPL ICD Qilaraipur Ludhiana	31	Continental Warehousing Corporation Nhava Sheva pvt.
11	ICD BGKT, JODHPUR	32	Pegasus Inland Container Depot
12	The Thar Dry Port ICD Ahmedabad	33	MMLP TIHI
13	ICD ANKLESHWAR	34	ICD DAULATABAD
14	Hind Terminals Logistics Park ICD, Palwal	35	ICD MAJHERHAT
15	MMLP VISHAKAPATNAM	36	APM Terminals Inland Services ICD Bhamboli
16	CFS VALLARPADAM	37	Allcargo Logistics Park ICD, Dadri
17	MMLP KHATUWAS	38	APM Terminals ICD, Dadri
18	Pristine ICD Chawapail , Ludhiana	39	CMA CGM Logistics Park, Dadri
19	KLPL ICD, Kanpur	40	ICD KIFTPL Kashipur
20	MMLP MIHAN	41	Gateway Rail Freight ICD, Pyala
21	ICD MANDIDEEP	42	MMLP BALLI

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Annexure – CFS Names - Western Region

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

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Annexure – CFS Names - Southern & Eastern Region

List of CFS names used in Southern CFS Performance Index

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

List of CFS names used in Eastern CFS Performance Index

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

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